Powered by SAMSUNG

VPC/VRC S4M

Heat Recovery / Heat Pump Outdoor Units | Capacity Tables | Standard Efficiency | R-410A | 60Hz

6 to 38 tons

COMMERCIAL
PRODUCT SPECIFICATIONS (EHB)

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Form Number 211198 | December 2024
Supersedes all previous versions

1. Capacity table

VPC/VRC072S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	60.80	1.19	73.90	1.61	87.00	2.02	93.60	2.29	106.70	2.70	110.20	2.88	116.50	3.11
	10	60.80	1.25	73.90	1.68	87.00	2.09	93.60	2.36	106.70	2.77	110.20	2.94	116.50	3.16
	14	60.80	1.32	73.90	1.75	87.00	2.17	93.60	2.43	106.70	2.84	110.20	3.00	116.50	3.21
	23	60.80	1.39	73.90	1.82	87.00	2.25	93.60	2.50	106.70	2.91	110.20	3.06	116.50	3.26
	27	60.80	1.46	73.90	1.90	87.00	2.33	93.60	2.58	106.70	2.98	110.20	3.12	116.50	3.31
	32	60.80	1.54	73.90	1.98	87.00	2.41	93.60	2.66	106.70	3.06	110.20	3.18	116.50	3.36
	37	60.80	1.62	73.90	2.06	87.00	2.50	93.60	2.74	106.70	3.14	110.20	3.24	116.50	3.41
	41	60.80	1.70	73.90	2.15	87.00	2.59	93.60	2.82	106.70	3.22	110.20	3.31	116.50	3.46
	46	60.80	1.73	73.90	2.18	87.00	2.64	93.60	2.86	106.00	3.26	109.10	3.34	115.40	3.51
	50	60.80	1.77	73.90	2.22	87.00	2.68	93.60	2.91	105.30	3.29	108.40	3.38	114.70	3.57
	54	60.80	1.82	73.90	2.27	87.00	2.74	93.60	2.97	104.60	3.34	107.70	3.44	113.90	3.65
	57	60.80	1.87	73.90	2.33	87.00	2.81	93.60	3.05	103.90	3.42	107.00	3.52	113.20	3.74
	61	60.80	1.92	73.90	2.40	87.00	2.90	93.60	3.15	103.10	3.50	106.30	3.61	112.50	3.86
	64	60.80	2.00	73.90	2.49	87.00	2.99	93.60	3.25	102.40	3.60	105.50	3.73	111.80	4.01
	68	60.80	2.08	73.90	2.58	87.00	3.11	93.60	3.40	101.70	3.75	104.80	3.89	111.10	4.21
	72	60.80	2.17	73.90	2.69	87.00	3.27	93.60	3.58	101.00	3.94	104.10	4.10	110.30	4.46
	75	60.80	2.26	73.90	2.82	87.00	3.46	93.60	3.82	100.30	4.16	103.40	4.34	109.60	4.79
	79	60.80	2.38	73.90	2.98	87.00	3.69	93.30	4.06	99.50	4.44	102.70	4.65	108.90	5.14
	82	60.80	2.51	73.90	3.18	87.00	3.94	92.60	4.34	98.80	4.75	101.90	4.98	108.20	5.53
	86	60.80	2.68	73.90	3.39	87.00	4.28	91.90	4.64	98.10	5.07	101.20	5.33	107.50	5.99
	90	60.80	2.86	73.90	3.68	87.00	4.61	91.10	4.94	96.90	5.40	99.60	5.68	103.50	6.22
	93	60.80	3.10	73.90	4.00	87.00	4.95	89.80	5.21	93.00	5.56	95.70	5.86	99.30	6.08
	95	60.80	3.25	73.90	4.15	86.90	5.13	88.00	5.29	91.00	5.63	93.80	5.88	97.30	5.98
	99	60.80	3.54	73.90	4.46	83.00	5.25	84.20	5.42	87.10	5.66	89.90	5.80	93.10	5.80
	102	60.80	3.81	73.90	4.85	78.90	5.35	80.50	5.52	83.20	5.56	86.00	5.65	89.00	5.62
	106	60.80	4.14	71.80	5.09	74.90	5.39	76.70	5.47	79.20	5.41	82.10	5.50	84.80	5.44
	111	60.80	4.76	65.50	5.17	68.80	5.24	71.10	5.30	73.30	5.20	76.20	5.30	78.60	5.20
	115	59.00	5.05	61.30	5.10	64.70	5.13	67.30	5.22	69.40	5.08	72.30	5.19	74.40	5.05
	118	55.20	5.17	57.00	5.01	60.60	5.04	61.60	4.95	63.60	4.81	64.70	4.74	66.80	4.60
	120	53.30	5.19	54.90	4.99	56.70	4.81	57.70	4.72	59.80	4.58	60.80	4.51	63.00	4.37
	122	50.10	4.93	51.60	4.74	53.30	4.57	54.20	4.48	56.20	4.35	57.20	4.28	59.20	4.15
120	5	56.20	1.10	68.30	1.48	80.40	1.85	86.40	2.08	98.50	2.47	104.50	2.71	114.10	3.06
	10	56.20	1.16	68.30	1.54	80.40	1.92	86.40	2.14	98.50	2.53	104.50	2.77	114.10	3.11
	14	56.20	1.22	68.30	1.60	80.40	1.99	86.40	2.21	98.50	2.59	104.50	2.83	114.10	3.16
	23	56.20	1.28	68.30	1.67	80.40	2.06	86.40	2.28	98.50	2.66	104.50	2.89	114.10	3.21
	27	56.20	1.35	68.30	1.74	80.40	2.13	86.40	2.35	98.50	2.73	104.50	2.95	114.10	3.26
	32	56.20	1.42	68.30	1.81	80.40	2.21	86.40	2.42	98.50	2.80	104.50	3.01	114.10	3.31
	37	56.20	1.49	68.30	1.89	80.40	2.29	86.40	2.49	98.50	2.87	104.50	3.07	114.10	3.36
	41	56.20	1.57	68.30	1.97	80.40	2.37	86.40	2.57	98.50	2.94	104.50	3.13	114.10	3.41
	46	56.20	1.60	68.30	2.01	80.40	2.41	86.40	2.61	98.50	3.00	104.50	3.19	113.00	3.45
	50	56.20	1.63	68.30	2.04	80.40	2.44	86.40	2.65	98.50	3.05	104.50	3.25	112.30	3.49
	54	56.20	1.67	68.30	2.08	80.40	2.49	86.40	2.70	98.50	3.11	104.50	3.32	111.60	3.55
	57	56.20	1.71	68.30	2.13	80.40	2.55	86.40	2.76	98.50	3.20	104.00	3.40	110.90	3.63
	61	56.20	1.76	68.30	2.19	80.40	2.63	86.40	2.85	98.50	3.30	103.30	3.48	110.20	3.73
	64	56.20	1.82	68.30	2.26	80.40	2.71	86.40	2.94	98.50	3.42	102.60	3.58	109.40	3.86
	68	56.20	1.88	68.30	2.34	80.40	2.81	86.40	3.06	98.40	3.57	101.90	3.72	108.70	4.04
	72	56.20	1.96	68.30	2.43	80.40	2.94	86.40	3.22	97.70	3.73	101.10	3.90	108.00	4.25
	75	56.20	2.04	68.30	2.55	80.40	3.10	86.40	3.41	97.00	3.94	100.40	4.12	107.30	4.52
	79	56.20	2.15	68.30	2.69	80.40	3.31	86.40	3.66	96.30	4.19	99.70	4.39	106.60	4.85
	82	56.20	2.28	68.30	2.87	80.40	3.55	86.40	3.94	95.50	4.49	99.00	4.71	105.80	5.19
	86	56.20	2.42	68.30	3.07	80.40	3.84	86.40	4.28	94.80	4.80	98.30	5.03	104.80	5.54
	90	56.20	2.59	68.30	3.31	80.40	4.16	86.40	4.63	94.10	5.12	97.10	5.34	100.80	5.72
	93	56.20	2.79	68.30	3.60	80.40	4.50	86.40	4.97	90.80	5.28	93.30	5.49	96.90	5.87
	95	56.20	2.92	68.30	3.75	80.40	4.66	86.20	5.14	88.90	5.34	91.50	5.57	94.90	5.88
	99	56.20	3.18	68.30	4.05	80.40	5.03	82.60	5.26	85.10	5.45	87.70	5.64	91.00	5.70
	102	56.20	3.45	68.30	4.39	76.80	5.14	78.90	5.34	81.30	5.45	84.00	5.56	87.00	5.54
	106	56.20	3.76	68.30	4.77	73.30	5.23	75.10	5.38	77.50	5.33	80.30	5.43	83.10	5.38
	111	56.20	4.31	66.00	5.19	68.10	5.24	69.50	5.25	71.70	5.14	74.70	5.25	77.10	5.16
	115	56.20	4.72	61.50	5.13	64.60	5.18	65.70	5.16	67.90	5.04	70.90	5.16	73.20	5.03
	118	54.70	5.05	57.00	5.01	58.90	4.93	59.90	4.90	62.10	4.77	63.30	4.71	65.60	4.58
	120	51.20	4.86	53.00	4.77	55.00	4.70	56.00	4.67	58.30	4.54	59.40	4.48	61.80	4.36
	122	48.10	4.62	49.80	4.53	51.70	4.47	52.60	4.44	54.80	4.31	55.80	4.26	58.10	4.14

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC?VRC072S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	51.50	1.01	62.60	1.35	73.70	1.67	79.20	1.88	90.30	2.24	95.80	2.47	106.90	2.86
	10	51.50	1.06	62.60	1.41	73.70	1.73	79.20	1.94	90.30	2.30	95.80	2.52	106.90	2.90
	14	51.50	1.12	62.60	1.47	73.70	1.79	79.20	2.00	90.30	2.36	95.80	2.57	106.90	2.94
	23	51.50	1.18	62.60	1.53	73.70	1.86	79.20	2.06	90.30	2.42	95.80	2.62	106.90	2.98
	27	51.50	1.24	62.60	1.59	73.70	1.93	79.20	2.12	90.30	2.48	95.80	2.67	106.90	3.03
	32	51.50	1.30	62.60	1.66	73.70	2.00	79.20	2.19	90.30	2.54	95.80	2.72	106.90	3.08
	37	51.50	1.37	62.60	1.73	73.70	2.07	79.20	2.26	90.30	2.60	95.80	2.78	106.90	3.13
	41	51.50	1.44	62.60	1.80	73.70	2.15	79.20	2.33	90.30	2.67	95.80	2.84	106.90	3.18
	46	51.50	1.47	62.60	1.83	73.70	2.18	79.20	2.36	90.30	2.71	95.80	2.88	106.90	3.24
	50	51.50	1.50	62.60	1.85	73.70	2.21	79.20	2.39	90.30	2.75	95.80	2.93	106.90	3.30
	54	51.50	1.52	62.60	1.88	73.70	2.25	79.20	2.44	90.30	2.80	95.80	2.99	106.90	3.37
	57	51.50	1.56	62.60	1.92	73.70	2.30	79.20	2.49	90.30	2.87	95.80	3.07	106.90	3.47
	61	51.50	1.59	62.60	1.97	73.70	2.36	79.20	2.56	90.30	2.96	95.80	3.16	106.30	3.55
	64	51.50	1.64	62.60	2.03	73.70	2.44	79.20	2.64	90.30	3.06	95.80	3.27	105.60	3.66
	68	51.50	1.69	62.60	2.10	73.70	2.52	79.20	2.74	90.30	3.19	95.80	3.42	104.90	3.81
	72	51.50	1.75	62.60	2.18	73.70	2.63	79.20	2.87	90.30	3.35	95.80	3.60	104.10	4.00
	75	51.50	1.83	62.60	2.28	73.70	2.77	79.20	3.03	90.30	3.55	95.80	3.83	103.40	4.23
	79	51.50	1.93	62.60	2.41	73.70	2.94	79.20	3.24	90.30	3.82	95.20	4.08	102.70	4.52
	82	51.50	2.05	62.60	2.57	73.70	3.17	79.20	3.51	90.30	4.13	94.50	4.37	102.00	4.83
	86	51.50	2.17	62.60	2.75	73.70	3.43	79.20	3.81	90.00	4.45	93.80	4.68	101.30	5.16
	90	51.50	2.32	62.60	2.97	73.70	3.72	79.20	4.14	89.30	4.77	93.10	5.00	99.20	5.40
	93	51.50	2.49	62.60	3.22	73.70	4.04	79.20	4.50	88.60	5.07	92.10	5.29	95.30	5.52
	95	51.50	2.60	62.60	3.36	73.70	4.22	79.20	4.66	88.20	5.23	90.20	5.35	93.30	5.58
	99	51.50	2.83	62.60	3.65	73.70	4.54	79.20	5.01	84.80	5.34	86.40	5.45	89.40	5.67
	102	51.50	3.09	62.60	3.96	73.70	4.89	77.30	5.21	81.20	5.42	82.70	5.52	85.60	5.49
	106	51.50	3.39	62.60	4.30	71.90	5.10	73.50	5.25	77.50	5.41	78.90	5.39	81.70	5.34
	111	51.50	3.88	62.60	4.84	66.50	5.12	67.80	5.19	72.00	5.26	73.30	5.22	75.80	5.14
	115	51.50	4.23	61.80	5.12	62.90	5.08	64.10	5.11	68.40	5.19	69.50	5.13	72.00	5.02
	118	51.50	4.57	55.00	4.79	57.20	4.83	58.30	4.85	60.70	4.73	61.90	4.68	64.30	4.57
	120	49.10	4.53	51.10	4.56	53.30	4.59	54.40	4.61	56.80	4.50	58.00	4.45	60.50	4.35
	122	46.20	4.30	48.00	4.33	50.10	4.36	51.10	4.38	53.40	4.28	54.50	4.23	56.90	4.13
100	5	46.80	0.91	56.90	1.22	67.00	1.50	72.00	1.68	82.10	2.00	87.10	2.21	97.20	2.58
	10	46.80	0.96	56.90	1.27	67.00	1.55	72.00	1.73	82.10	2.05	87.10	2.25	97.20	2.62
	14	46.80	1.01	56.90	1.32	67.00	1.61	72.00	1.78	82.10	2.10	87.10	2.30	97.20	2.66
	23	46.80	1.06	56.90	1.38	67.00	1.67	72.00	1.84	82.10	2.15	87.10	2.35	97.20	2.70
	27	46.80	1.12	56.90	1.44	67.00	1.73	72.00	1.90	82.10	2.21	87.10	2.40	97.20	2.74
	32	46.80	1.18	56.90	1.50	67.00	1.79	72.00	1.96	82.10	2.27	87.10	2.45	97.20	2.78
	37	46.80	1.24	56.90	1.56	67.00	1.86	72.00	2.02	82.10	2.33	87.10	2.50	97.20	2.82
	41	46.80	1.31	56.90	1.62	67.00	1.93	72.00	2.08	82.10	2.39	87.10	2.55	97.20	2.86
	46	46.80	1.34	56.90	1.65	67.00	1.96	72.00	2.11	82.10	2.43	87.10	2.58	97.20	2.90
	50	46.80	1.36	56.90	1.67	67.00	1.98	72.00	2.14	82.10	2.46	87.10	2.62	97.20	2.94
	54	46.80	1.38	56.90	1.69	67.00	2.01	72.00	2.18	82.10	2.50	87.10	2.67	97.20	3.00
	57	46.80	1.40	56.90	1.73	67.00	2.05	72.00	2.22	82.10	2.56	87.10	2.73	97.20	3.07
	61	46.80	1.43	56.90	1.76	67.00	2.10	72.00	2.28	82.10	2.62	87.10	2.80	97.20	3.16
	64	46.80	1.47	56.90	1.81	67.00	2.17	72.00	2.35	82.10	2.71	87.10	2.89	97.20	3.28
	68	46.80	1.50	56.90	1.86	67.00	2.24	72.00	2.44	82.10	2.81	87.10	3.01	97.20	3.43
	72	46.80	1.55	56.90	1.93	67.00	2.33	72.00	2.54	82.10	2.95	87.10	3.16	97.20	3.62
	75	46.80	1.62	56.90	2.02	67.00	2.45	72.00	2.67	82.10	3.12	87.10	3.35	97.20	3.84
	79	46.80	1.71	56.90	2.14	67.00	2.60	72.00	2.84	82.10	3.34	87.10	3.59	97.20	4.14
	82	46.80	1.81	56.90	2.28	67.00	2.79	72.00	3.08	82.10	3.62	87.10	3.90	97.20	4.46
	86	46.80	1.93	56.90	2.44	67.00	3.04	72.00	3.38	82.10	3.93	87.10	4.22	97.20	4.82
	90	46.80	2.06	56.90	2.64	67.00	3.31	72.00	3.68	82.10	4.26	87.10	4.57	97.20	5.17
	93	46.80	2.21	56.90	2.86	67.00	3.59	72.00	4.00	82.10	4.62	87.10	4.91	93.40	5.25
	95	46.80	2.29	56.90	2.98	67.00	3.75	72.00	4.20	82.10	4.78	87.10	5.08	91.50	5.29
	99	46.80	2.49	56.90	3.25	67.00	4.09	72.00	4.52	82.10	5.11	83.70	5.15	87.70	5.37
	102	46.80	2.73	56.90	3.56	67.00	4.41	72.00	4.84	78.70	5.18	80.20	5.23	84.00	5.43
	106	46.80	3.02	56.90	3.87	67.00	4.72	72.00	5.17	75.30	5.24	76.80	5.29	80.20	5.30
	111	46.80	3.47	56.90	4.33	65.70	5.11	66.30	5.13	70.30	5.19	71.60	5.16	74.50	5.11
	115	46.80	3.76	56.90	4.64	63.20	5.19	62.40	5.05	66.90	5.15	68.20	5.10	70.70	5.00
	118	46.80	4.05	53.10	4.58	55.40	4.72	56.70	4.79	59.20	4.69	60.50	4.65	63.10	4.56
	120	46.80	4.19	49.20	4.34	51.50	4.48	52.80	4.56	55.30	4.46	56.70	4.42	59.30	4.33
	122	44.00	3.98	46.20	4.12	48.40	4.26	49.60	4.33	52.00	4.24	53.30	4.20	55.70	4.11

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC072S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	42.10	0.83	51.20	1.08	60.30	1.34	64.80	1.50	73.90	1.78	78.40	1.98	87.50	2.27
	10	42.10	0.87	51.20	1.13	60.30	1.39	64.80	1.55	73.90	1.83	78.40	2.02	87.50	2.30
	14	42.10	0.92	51.20	1.18	60.30	1.44	64.80	1.60	73.90	1.88	78.40	2.06	87.50	2.34
	23	42.10	0.97	51.20	1.23	60.30	1.49	64.80	1.65	73.90	1.93	78.40	2.10	87.50	2.38
	27	42.10	1.02	51.20	1.28	60.30	1.54	64.80	1.70	73.90	1.98	78.40	2.14	87.50	2.42
	32	42.10	1.07	51.20	1.33	60.30	1.60	64.80	1.75	73.90	2.03	78.40	2.18	87.50	2.46
	37	42.10	1.13	51.20	1.39	60.30	1.66	64.80	1.80	73.90	2.08	78.40	2.22	87.50	2.50
	41	42.10	1.19	51.20	1.45	60.30	1.72	64.80	1.86	73.90	2.13	78.40	2.27	87.50	2.54
	46	42.10	1.21	51.20	1.48	60.30	1.75	64.80	1.88	73.90	2.16	78.40	2.30	87.50	2.57
	50	42.10	1.23	51.20	1.50	60.30	1.77	64.80	1.91	73.90	2.18	78.40	2.32	87.50	2.60
	54	42.10	1.25	51.20	1.52	60.30	1.80	64.80	1.94	73.90	2.22	78.40	2.36	87.50	2.65
	57	42.10	1.27	51.20	1.55	60.30	1.83	64.80	1.97	73.90	2.26	78.40	2.41	87.50	2.71
	61	42.10	1.30	51.20	1.58	60.30	1.87	64.80	2.02	73.90	2.32	78.40	2.47	87.50	2.78
	64	42.10	1.33	51.20	1.62	60.30	1.93	64.80	2.08	73.90	2.39	78.40	2.55	87.50	2.88
	68	42.10	1.36	51.20	1.67	60.30	1.99	64.80	2.15	73.90	2.48	78.40	2.65	87.50	3.00
	72	42.10	1.40	51.20	1.73	60.30	2.07	64.80	2.24	73.90	2.59	78.40	2.78	87.50	3.16
	75	42.10	1.46	51.20	1.81	60.30	2.17	64.80	2.35	73.90	2.73	78.40	2.93	87.50	3.34
	79	42.10	1.53	51.20	1.90	60.30	2.29	64.80	2.49	73.90	2.90	78.40	3.12	87.50	3.55
	82	42.10	1.62	51.20	2.02	60.30	2.44	64.80	2.67	73.90	3.11	78.40	3.34	87.50	3.82
	86	42.10	1.72	51.20	2.16	60.30	2.64	64.80	2.89	73.90	3.36	78.40	3.61	87.50	4.11
	90	42.10	1.83	51.20	2.32	60.30	2.85	64.80	3.14	73.90	3.63	78.40	3.89	87.50	4.43
	93	42.10	1.96	51.20	2.50	60.30	3.09	64.80	3.40	73.90	3.93	78.40	4.21	87.50	4.74
	95	42.10	2.04	51.20	2.61	60.30	3.22	64.80	3.55	73.90	4.09	78.40	4.36	87.50	4.90
	99	42.10	2.22	51.20	2.84	60.30	3.52	64.80	3.86	73.90	4.40	78.40	4.67	85.70	5.09
	102	42.10	2.44	51.20	3.11	60.30	3.81	64.80	4.17	73.90	4.72	78.40	5.01	82.10	5.16
	106	42.10	2.69	51.20	3.38	60.30	4.11	64.80	4.49	73.90	5.08	76.40	5.21	78.50	5.20
	111	42.10	3.08	51.20	3.83	60.30	4.63	64.80	5.05	68.60	5.13	70.50	5.16	73.10	5.09
	115	42.10	3.36	51.20	4.16	59.30	4.90	62.00	5.13	65.00	5.09	66.50	5.06	69.50	5.01
	118	42.10	3.67	48.50	4.22	52.40	4.53	54.40	4.68	57.30	4.63	58.80	4.60	61.90	4.56
	120	40.70	3.69	44.70	4.00	48.50	4.30	50.50	4.45	53.50	4.40	55.00	4.38	58.10	4.34
	122	38.30	3.51	42.00	3.80	45.60	4.09	47.50	4.23	50.30	4.18	51.70	4.16	54.60	4.12
80	5	37.40	0.72	45.50	0.93	53.60	1.14	57.60	1.27	65.70	1.51	69.70	1.67	77.80	1.94
	10	37.40	0.76	45.50	0.97	53.60	1.19	57.60	1.32	65.70	1.56	69.70	1.71	77.80	1.98
	14	37.40	0.80	45.50	1.02	53.60	1.24	57.60	1.37	65.70	1.61	69.70	1.75	77.80	2.02
	23	37.40	0.85	45.50	1.07	53.60	1.29	57.60	1.42	65.70	1.66	69.70	1.79	77.80	2.06
	27	37.40	0.90	45.50	1.12	53.60	1.34	57.60	1.47	65.70	1.71	69.70	1.84	77.80	2.10
	32	37.40	0.95	45.50	1.17	53.60	1.40	57.60	1.52	65.70	1.76	69.70	1.89	77.80	2.14
	37	37.40	1.00	45.50	1.23	53.60	1.46	57.60	1.57	65.70	1.81	69.70	1.94	77.80	2.18
	41	37.40	1.06	45.50	1.29	53.60	1.52	57.60	1.63	65.70	1.87	69.70	1.99	77.80	2.22
	46	37.40	1.08	45.50	1.31	53.60	1.54	57.60	1.66	65.70	1.90	69.70	2.01	77.80	2.25
	50	37.40	1.10	45.50	1.33	53.60	1.56	57.60	1.68	65.70	1.92	69.70	2.04	77.80	2.27
	54	37.40	1.12	45.50	1.35	53.60	1.58	57.60	1.70	65.70	1.94	69.70	2.06	77.80	2.31
	57	37.40	1.14	45.50	1.37	53.60	1.61	57.60	1.73	65.70	1.98	69.70	2.10	77.80	2.35
	61	37.40	1.16	45.50	1.40	53.60	1.65	57.60	1.77	65.70	2.03	69.70	2.15	77.80	2.42
	64	37.40	1.19	45.50	1.44	53.60	1.69	57.60	1.82	65.70	2.08	69.70	2.22	77.80	2.49
	68	37.40	1.21	45.50	1.48	53.60	1.74	57.60	1.88	65.70	2.16	69.70	2.30	77.80	2.59
	72	37.40	1.25	45.50	1.53	53.60	1.81	57.60	1.96	65.70	2.25	69.70	2.41	77.80	2.72
	75	37.40	1.30	45.50	1.59	53.60	1.89	57.60	2.04	65.70	2.37	69.70	2.54	77.80	2.89
	79	37.40	1.35	45.50	1.67	53.60	1.99	57.60	2.16	65.70	2.51	69.70	2.69	77.80	3.06
	82	37.40	1.42	45.50	1.76	53.60	2.12	57.60	2.30	65.70	2.67	69.70	2.86	77.80	3.25
	86	37.40	1.50	45.50	1.87	53.60	2.26	57.60	2.46	65.70	2.86	69.70	3.06	77.80	3.49
	90	37.40	1.59	45.50	2.00	53.60	2.43	57.60	2.65	65.70	3.08	69.70	3.30	77.80	3.76
	93	37.40	1.71	45.50	2.15	53.60	2.62	57.60	2.85	65.70	3.31	69.70	3.55	77.80	4.03
	95	37.40	1.78	45.50	2.24	53.60	2.72	57.60	2.97	65.70	3.44	69.70	3.68	77.80	4.17
	99	37.40	1.94	45.50	2.44	53.60	2.96	57.60	3.23	65.70	3.72	69.70	3.96	77.80	4.46
	102	37.40	2.14	45.50	2.67	53.60	3.22	57.60	3.50	65.70	4.01	69.70	4.26	77.80	4.76
	106	37.40	2.33	45.50	2.90	53.60	3.50	57.60	3.81	65.70	4.32	69.70	4.58	77.80	5.09
	111	37.40	2.69	45.50	3.33	53.60	4.01	57.60	4.35	65.70	4.88	69.70	5.14	72.10	5.12
	115	37.40	2.96	45.50	3.67	53.60	4.40	57.60	4.77	63.00	4.99	64.80	5.01	68.30	5.02
	118	37.40	3.30	43.70	3.85	49.30	4.33	52.10	4.57	55.50	4.56	57.20	4.56	60.70	4.57
	120	34.80	3.20	40.10	3.66	45.50	4.11	48.20	4.33	51.60	4.33	53.40	4.34	56.90	4.35
	122	32.70	3.04	37.70	3.48	42.80	3.90	45.30	4.11	48.50	4.11	50.20	4.12	53.50	4.13

1) The performance table shows the average value of each condition.
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1. Capacity table

VPC/VRC072S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	32.80	0.62	39.80	0.82	46.90	1.00	50.40	1.11	57.50	1.31	61.00	1.43	68.00	1.66
	10	32.80	0.66	39.80	0.86	46.90	1.04	50.40	1.15	57.50	1.35	61.00	1.47	68.00	1.69
	14	32.80	0.70	39.80	0.90	46.90	1.08	50.40	1.19	57.50	1.39	61.00	1.51	68.00	1.72
	23	32.80	0.74	39.80	0.94	46.90	1.12	50.40	1.23	57.50	1.43	61.00	1.55	68.00	1.75
	27	32.80	0.78	39.80	0.98	46.90	1.17	50.40	1.27	57.50	1.47	61.00	1.59	68.00	1.79
	32	32.80	0.83	39.80	1.03	46.90	1.22	50.40	1.32	57.50	1.52	61.00	1.63	68.00	1.83
	37	32.80	0.88	39.80	1.08	46.90	1.27	50.40	1.37	57.50	1.57	61.00	1.67	68.00	1.87
	41	32.80	0.93	39.80	1.13	46.90	1.32	50.40	1.42	57.50	1.62	61.00	1.71	68.00	1.91
	46	32.80	0.95	39.80	1.15	46.90	1.35	50.40	1.44	57.50	1.64	61.00	1.74	68.00	1.94
	50	32.80	0.97	39.80	1.17	46.90	1.36	50.40	1.46	57.50	1.66	61.00	1.76	68.00	1.96
	54	32.80	0.99	39.80	1.18	46.90	1.38	50.40	1.48	57.50	1.68	61.00	1.78	68.00	1.98
	57	32.80	1.00	39.80	1.20	46.90	1.40	50.40	1.50	57.50	1.71	61.00	1.81	68.00	2.01
	61	32.80	1.02	39.80	1.23	46.90	1.43	50.40	1.53	57.50	1.74	61.00	1.85	68.00	2.06
	64	32.80	1.04	39.80	1.25	46.90	1.47	50.40	1.57	57.50	1.79	61.00	1.90	68.00	2.13
	68	32.80	1.07	39.80	1.29	46.90	1.51	50.40	1.62	57.50	1.85	61.00	1.97	68.00	2.21
	72	32.80	1.09	39.80	1.33	46.90	1.56	50.40	1.68	57.50	1.93	61.00	2.05	68.00	2.31
	75	32.80	1.13	39.80	1.38	46.90	1.63	50.40	1.76	57.50	2.03	61.00	2.16	68.00	2.44
	79	32.80	1.17	39.80	1.44	46.90	1.71	50.40	1.85	57.50	2.14	61.00	2.29	68.00	2.60
	82	32.80	1.22	39.80	1.51	46.90	1.81	50.40	1.96	57.50	2.27	61.00	2.43	68.00	2.76
	86	32.80	1.28	39.80	1.60	46.90	1.91	50.40	2.08	57.50	2.41	61.00	2.58	68.00	2.93
	90	32.80	1.36	39.80	1.69	46.90	2.04	50.40	2.22	57.50	2.58	61.00	2.77	68.00	3.15
	93	32.80	1.44	39.80	1.81	46.90	2.19	50.40	2.38	57.50	2.77	61.00	2.98	68.00	3.39
	95	32.80	1.50	39.80	1.88	46.90	2.27	50.40	2.47	57.50	2.88	61.00	3.09	68.00	3.52
	99	32.80	1.64	39.80	2.05	46.90	2.47	50.40	2.68	57.50	3.11	61.00	3.33	68.00	3.77
	102	32.80	1.81	39.80	2.24	46.90	2.69	50.40	2.92	57.50	3.37	61.00	3.59	68.00	4.04
	106	32.80	1.98	39.80	2.45	46.90	2.95	50.40	3.20	57.50	3.65	61.00	3.87	68.00	4.31
	111	32.80	2.28	39.80	2.83	46.90	3.40	50.40	3.68	57.50	4.13	61.00	4.35	68.00	4.78
	115	32.80	2.55	39.80	3.14	46.90	3.75	50.40	4.06	57.40	4.50	60.40	4.67	65.50	4.94
	118	32.80	2.89	38.90	3.47	45.20	4.06	48.50	4.35	52.30	4.43	54.20	4.46	57.90	4.50
	120	30.10	2.94	35.90	3.43	41.90	3.92	44.80	4.17	48.50	4.21	50.40	4.23	54.10	4.28
	122	28.30	2.79	33.70	3.26	39.40	3.72	42.10	3.96	45.60	4.00	47.40	4.02	50.90	4.07
60	5	28.10	0.52	34.10	0.67	40.20	0.83	43.20	0.92	49.20	1.04	52.30	1.08	58.30	1.21
	10	28.10	0.55	34.10	0.71	40.20	0.87	43.20	0.96	49.20	1.08	52.30	1.13	58.30	1.26
	14	28.10	0.59	34.10	0.75	40.20	0.91	43.20	1.00	49.20	1.12	52.30	1.18	58.30	1.31
	23	28.10	0.63	34.10	0.79	40.20	0.95	43.20	1.04	49.20	1.17	52.30	1.23	58.30	1.36
	27	28.10	0.67	34.10	0.83	40.20	0.99	43.20	1.08	49.20	1.22	52.30	1.28	58.30	1.42
	32	28.10	0.71	34.10	0.87	40.20	1.04	43.20	1.12	49.20	1.27	52.30	1.33	58.30	1.48
	37	28.10	0.76	34.10	0.92	40.20	1.09	43.20	1.17	49.20	1.32	52.30	1.39	58.30	1.54
	41	28.10	0.81	34.10	0.97	40.20	1.14	43.20	1.22	49.20	1.37	52.30	1.45	58.30	1.60
	46	28.10	0.82	34.10	0.99	40.20	1.16	43.20	1.24	49.20	1.40	52.30	1.47	58.30	1.63
	50	28.10	0.84	34.10	1.00	40.20	1.17	43.20	1.26	49.20	1.41	52.30	1.49	58.30	1.65
	54	28.10	0.85	34.10	1.02	40.20	1.19	43.20	1.27	49.20	1.43	52.30	1.51	58.30	1.67
	57	28.10	0.86	34.10	1.03	40.20	1.21	43.20	1.29	49.20	1.45	52.30	1.53	58.30	1.69
	61	28.10	0.88	34.10	1.05	40.20	1.23	43.20	1.31	49.20	1.48	52.30	1.56	58.30	1.73
	64	28.10	0.90	34.10	1.08	40.20	1.26	43.20	1.35	49.20	1.52	52.30	1.60	58.30	1.78
	68	28.10	0.92	34.10	1.10	40.20	1.29	43.20	1.38	49.20	1.57	52.30	1.66	58.30	1.85
	72	28.10	0.93	34.10	1.13	40.20	1.33	43.20	1.43	49.20	1.62	52.30	1.72	58.30	1.92
	75	28.10	0.96	34.10	1.17	40.20	1.38	43.20	1.49	49.20	1.70	52.30	1.80	58.30	2.02
	79	28.10	0.99	34.10	1.21	40.20	1.44	43.20	1.56	49.20	1.79	52.30	1.91	58.30	2.14
	82	28.10	1.03	34.10	1.27	40.20	1.52	43.20	1.64	49.20	1.89	52.30	2.02	58.30	2.28
	86	28.10	1.07	34.10	1.33	40.20	1.60	43.20	1.73	49.20	2.00	52.30	2.14	58.30	2.42
	90	28.10	1.13	34.10	1.41	40.20	1.69	43.20	1.83	49.20	2.13	52.30	2.28	58.30	2.60
	93	28.10	1.19	34.10	1.49	40.20	1.80	43.20	1.95	49.20	2.28	52.30	2.45	58.30	2.80
	95	28.10	1.24	34.10	1.55	40.20	1.87	43.20	2.03	49.20	2.37	52.30	2.55	58.30	2.90
	99	28.10	1.34	34.10	1.68	40.20	2.03	43.20	2.21	49.20	2.58	52.30	2.76	58.30	3.13
	102	28.10	1.48	34.10	1.85	40.20	2.22	43.20	2.41	49.20	2.80	52.30	2.99	58.30	3.37
	106	28.10	1.63	34.10	2.03	40.20	2.45	43.20	2.67	49.20	3.05	52.30	3.24	58.30	3.62
	111	28.10	1.89	34.10	2.36	40.20	2.84	43.20	3.09	49.20	3.46	52.30	3.65	58.30	4.01
	115	28.10	2.11	34.10	2.62	40.20	3.13	43.20	3.40	49.20	3.77	52.30	3.95	58.30	4.30
	118	28.10	2.42	34.00	2.96	40.10	3.50	43.20	3.77	47.60	4.06	49.70	4.18	53.70	4.33
	120	26.60	2.61	32.00	3.12	37.60	3.64	40.40	3.90	44.20	4.00	46.10	4.05	49.90	4.13
	122	25.00	2.48	30.10	2.96	35.30	3.46	38.00	3.71	41.50	3.80	43.30	3.85	46.90	3.92

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC072S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	23.40	0.44	28.40	0.58	33.50	0.70	36.00	0.77	41.00	0.84	43.60	0.89	48.60	0.98
	10	23.40	0.47	28.40	0.61	33.50	0.73	36.00	0.80	41.00	0.88	43.60	0.93	48.60	1.02
	14	23.40	0.50	28.40	0.64	33.50	0.76	36.00	0.83	41.00	0.92	43.60	0.97	48.60	1.06
	23	23.40	0.53	28.40	0.67	33.50	0.80	36.00	0.86	41.00	0.96	43.60	1.01	48.60	1.10
	27	23.40	0.56	28.40	0.70	33.50	0.84	36.00	0.90	41.00	1.00	43.60	1.05	48.60	1.15
	32	23.40	0.60	28.40	0.74	33.50	0.88	36.00	0.94	41.00	1.04	43.60	1.09	48.60	1.20
	37	23.40	0.64	28.40	0.78	33.50	0.92	36.00	0.98	41.00	1.08	43.60	1.14	48.60	1.25
	41	23.40	0.68	28.40	0.82	33.50	0.96	36.00	1.02	41.00	1.13	43.60	1.19	48.60	1.30
	46	23.40	0.70	28.40	0.83	33.50	0.97	36.00	1.04	41.00	1.15	43.60	1.21	48.60	1.32
	50	23.40	0.71	28.40	0.84	33.50	0.98	36.00	1.05	41.00	1.17	43.60	1.22	48.60	1.34
	54	23.40	0.71	28.40	0.86	33.50	1.00	36.00	1.07	41.00	1.18	43.60	1.24	48.60	1.36
	57	23.40	0.72	28.40	0.87	33.50	1.01	36.00	1.08	41.00	1.20	43.60	1.26	48.60	1.38
	61	23.40	0.73	28.40	0.88	33.50	1.03	36.00	1.10	41.00	1.22	43.60	1.28	48.60	1.40
	64	23.40	0.75	28.40	0.90	33.50	1.05	36.00	1.12	41.00	1.25	43.60	1.31	48.60	1.44
	68	23.40	0.77	28.40	0.92	33.50	1.07	36.00	1.15	41.00	1.28	43.60	1.35	48.60	1.49
	72	23.40	0.78	28.40	0.94	33.50	1.10	36.00	1.18	41.00	1.33	43.60	1.40	48.60	1.55
	75	23.40	0.80	28.40	0.97	33.50	1.14	36.00	1.22	41.00	1.38	43.60	1.46	48.60	1.63
	79	23.40	0.82	28.40	1.00	33.50	1.19	36.00	1.28	41.00	1.45	43.60	1.54	48.60	1.72
	82	23.40	0.84	28.40	1.04	33.50	1.24	36.00	1.34	41.00	1.53	43.60	1.63	48.60	1.83
	86	23.40	0.87	28.40	1.08	33.50	1.30	36.00	1.41	41.00	1.62	43.60	1.73	48.60	1.95
	90	23.40	0.91	28.40	1.14	33.50	1.36	36.00	1.47	41.00	1.71	43.60	1.83	48.60	2.08
	93	23.40	0.95	28.40	1.19	33.50	1.44	36.00	1.56	41.00	1.83	43.60	1.96	48.60	2.24
	95	23.40	0.98	28.40	1.23	33.50	1.48	36.00	1.60	41.00	1.89	43.60	2.04	48.60	2.33
	99	23.40	1.07	28.40	1.34	33.50	1.62	36.00	1.76	41.00	2.06	43.60	2.22	48.60	2.52
	102	23.40	1.17	28.40	1.47	33.50	1.78	36.00	1.94	41.00	2.26	43.60	2.41	48.60	2.74
	106	23.40	1.31	28.40	1.63	33.50	1.97	36.00	2.15	41.00	2.48	43.60	2.64	48.60	2.97
	111	23.40	1.54	28.40	1.93	33.50	2.33	36.00	2.54	41.00	2.85	43.60	3.01	48.60	3.32
	115	23.40	1.71	28.40	2.14	33.50	2.57	36.00	2.80	41.00	3.10	43.60	3.25	48.60	3.55
	118	23.40	1.94	28.40	2.41	33.50	2.86	36.00	3.08	41.00	3.38	43.60	3.52	48.60	3.79
	120	23.40	2.13	28.40	2.59	33.50	3.04	36.00	3.26	39.60	3.54	41.60	3.67	45.60	3.92
	122	23.40	2.28	28.40	2.77	33.50	3.25	36.00	3.49	39.60	3.79	39.50	3.60	43.30	3.84

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC072S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	60.00	7.91	58.50	8.09	57.80	8.21	57.10	8.40	55.40	8.58	53.70	8.77
	-17.8	-18.0	64.90	8.14	63.40	8.33	62.70	8.44	61.90	8.63	60.20	8.81	58.60	9.00
	-12.6	-13.0	72.20	8.49	70.70	8.67	70.00	8.79	69.20	8.98	67.50	9.16	65.80	9.35
	-7.1	-7.6	79.50	8.84	78.00	9.02	77.20	9.14	76.50	9.32	74.80	9.51	73.10	9.70
	-3.6	-4.0	84.30	9.07	82.80	9.25	82.10	9.37	81.40	9.56	79.70	9.74	78.00	9.93
	-1.8	-2.2	86.70	9.18	85.30	9.37	84.50	9.49	83.80	9.67	82.10	9.86	79.80	10.05
	2.0	1.0	91.60	9.42	90.10	9.60	89.40	9.72	88.70	9.90	86.50	10.09	81.40	10.14
	6.0	5.0	98.90	9.76	97.40	9.95	96.70	10.07	93.90	10.18	88.90	10.23	83.90	10.28
	10.0	9.0	103.80	10.00	101.80	10.18	98.60	10.23	95.50	10.28	90.50	10.32	85.50	10.37
	13.0	12.0	106.20	10.11	102.60	10.23	99.50	10.28	96.30	10.32	91.30	10.37	86.30	10.42
	17.0	15.0	109.10	10.32	105.00	10.37	101.90	10.41	98.80	10.46	93.70	10.51	88.50	10.56
	19.0	18.0	109.90	10.37	105.80	10.41	102.70	10.46	99.60	10.51	94.60	10.55	88.50	10.14
	23.0	21.0	111.60	10.46	107.40	10.51	104.30	10.55	101.10	10.60	95.80	10.60	88.50	9.35
	26.0	24.0	113.20	10.55	108.50	10.60	105.80	10.60	103.20	10.60	96.90	9.80	88.50	8.64
	30.0	28.0	114.80	10.60	110.60	10.60	107.90	10.60	105.30	10.20	96.90	9.05	88.50	7.99
	35.0	32.0	117.90	10.60	112.70	10.05	109.00	9.55	105.30	9.08	96.90	8.07	88.50	7.13
	39.0	36.0	120.00	10.24	112.70	9.30	109.00	8.85	105.30	8.41	96.90	7.49	88.50	6.63
	44.0	40.0	120.00	9.49	112.70	8.63	109.00	8.21	105.30	7.82	96.90	6.97	88.50	6.19
	47.0	43.0	120.00	9.14	112.70	8.32	109.00	7.92	105.30	7.54	96.90	6.73	88.50	5.98
	51.0	47.0	120.00	8.51	112.70	7.76	109.00	7.39	105.30	7.04	96.90	6.30	88.50	5.61
	54.0	50.0	120.00	7.94	112.70	7.26	109.00	6.92	105.30	6.60	96.90	5.92	88.50	5.29
	57.0	53.0	120.00	7.21	112.70	6.61	109.00	6.31	105.30	6.03	96.90	5.43	88.50	4.87
	60.0	56.0	120.00	6.79	112.70	6.23	109.00	5.96	105.30	5.70	96.90	5.15	88.50	4.63
120	-21.8	-22.0	58.20	8.14	56.80	8.33	56.10	8.44	55.40	8.39	53.90	8.28	52.30	7.74
	-17.8	-18.0	63.00	8.37	61.70	8.56	61.00	8.67	60.30	8.62	58.70	8.51	57.20	7.97
	-12.6	-13.0	70.30	8.72	69.00	8.91	68.30	9.02	67.60	8.97	66.00	8.86	64.50	8.32
	-7.1	-7.6	77.60	9.07	76.20	9.25	75.60	9.37	74.90	9.32	73.30	9.21	71.60	8.67
	-3.6	-4.0	82.50	9.30	81.10	9.49	80.40	9.60	79.70	9.55	78.20	9.44	73.20	8.76
	-1.8	-2.2	84.90	9.42	83.50	9.60	82.90	9.72	82.20	9.66	80.60	9.55	74.10	8.81
	2.0	1.0	89.80	9.65	88.40	9.83	87.70	9.95	87.00	9.90	82.30	9.72	75.70	8.90
	6.0	5.0	97.00	10.00	94.90	10.18	92.00	10.23	91.30	10.18	84.70	9.86	78.10	9.04
	10.0	9.0	101.20	10.23	96.50	10.28	93.70	10.32	92.90	10.27	86.30	9.95	79.70	9.13
	13.0	12.0	102.00	10.28	97.30	10.32	94.50	10.37	93.70	10.31	87.10	9.99	80.50	9.18
	17.0	15.0	104.50	10.41	99.80	10.46	96.90	10.51	96.10	10.45	89.40	10.13	81.70	8.90
	19.0	18.0	105.30	10.46	100.60	10.51	97.70	10.55	96.90	10.50	89.40	9.73	81.70	8.55
	23.0	21.0	106.90	10.55	101.90	10.60	99.50	10.60	97.20	10.13	89.40	8.98	81.70	7.89
	26.0	24.0	108.70	10.60	104.00	10.38	100.60	9.86	97.20	9.35	89.40	8.29	81.70	7.30
	30.0	28.0	110.80	10.58	104.00	9.59	100.60	9.10	97.20	8.64	89.40	7.67	81.70	6.76
	35.0	32.0	110.80	9.40	104.00	8.53	100.60	8.11	97.20	7.69	89.40	6.85	81.70	6.05
	39.0	36.0	110.80	8.70	104.00	7.91	100.60	7.52	97.20	7.14	89.40	6.37	81.70	5.63
	44.0	40.0	110.80	8.08	104.00	7.35	100.60	6.99	97.20	6.65	89.40	5.94	81.70	5.26
	47.0	43.0	110.80	7.79	104.00	7.09	100.60	6.75	97.20	6.42	89.40	5.74	81.70	5.09
	51.0	47.0	110.80	7.27	104.00	6.62	100.60	6.31	97.20	6.01	89.40	5.39	81.70	4.79
	54.0	50.0	110.80	6.80	104.00	6.21	100.60	5.92	97.20	5.65	89.40	5.07	81.70	4.52
	57.0	53.0	110.80	6.20	104.00	5.67	100.60	5.42	97.20	5.18	89.40	4.67	81.70	4.18
	60.0	56.0	110.80	5.85	104.00	5.37	100.60	5.14	97.20	4.91	89.40	4.44	81.70	3.98
110	-21.8	-22.0	56.30	8.23	55.10	8.25	54.40	7.82	53.80	7.87	52.40	7.29	49.10	6.72
	-17.8	-18.0	61.20	8.47	59.90	8.48	59.30	8.05	58.70	8.10	57.30	7.52	54.00	6.95
	-12.6	-13.0	68.50	8.81	67.20	8.83	66.60	8.40	66.00	8.45	64.50	7.87	61.30	7.30
	-7.1	-7.6	75.80	9.16	74.50	9.18	73.90	8.74	73.30	8.80	71.80	8.22	65.90	7.57
	-3.6	-4.0	80.60	9.39	79.40	9.41	78.70	8.98	78.10	9.03	73.50	8.38	67.50	7.67
	-1.8	-2.2	83.00	9.51	81.80	9.53	81.20	9.09	80.40	9.15	74.30	8.43	68.30	7.71
	2.0	1.0	87.90	9.74	86.70	9.76	84.60	9.32	82.00	9.24	75.90	8.52	69.90	7.81
	6.0	5.0	95.00	10.09	89.70	9.97	87.00	9.46	84.40	9.38	78.40	8.66	72.30	7.94
	10.0	9.0	96.60	10.18	91.30	10.06	88.70	9.56	86.00	9.47	80.00	8.75	74.00	8.04
	13.0	12.0	97.40	10.23	92.10	10.11	89.50	9.60	86.80	9.52	80.80	8.80	74.80	8.08
	17.0	15.0	99.80	10.37	94.50	10.25	91.90	9.74	89.10	9.66	82.00	8.54	74.80	7.50
	19.0	18.0	100.60	10.41	95.30	10.29	92.20	9.79	89.10	9.27	82.00	8.20	74.80	7.20
	23.0	21.0	101.60	10.51	95.30	9.49	92.20	9.03	89.10	8.55	82.00	7.57	74.80	6.66
	26.0	24.0	101.60	9.69	95.30	8.76	92.20	8.33	89.10	7.90	82.00	7.00	74.80	6.16
	30.0	28.0	101.60	8.95	95.30	8.10	92.20	7.71	89.10	7.31	82.00	6.48	74.80	5.71
	35.0	32.0	101.60	7.97	95.30	7.22	92.20	6.87	89.10	6.53	82.00	5.80	74.80	5.12
	39.0	36.0	101.60	7.39	95.30	6.70	92.20	6.39	89.10	6.07	82.00	5.40	74.80	4.78
	44.0	40.0	101.60	6.87	95.30	6.24	92.20	5.95	89.10	5.66	82.00	5.04	74.80	4.47
	47.0	43.0	101.60	6.63	95.30	6.03	92.20	5.75	89.10	5.47	82.00	4.88	74.80	4.33
	51.0	47.0	101.60	6.20	95.30	5.65	92.20	5.39	89.10	5.13	82.00	4.59	74.80	4.08
	54.0	50.0	101.60	5.82	95.30	5.31	92.20	5.07	89.10	4.83	82.00	4.33	74.80	3.86
	57.0	53.0	101.60	5.32	95.30	4.87	92.20	4.66	89.10	4.45	82.00	4.00	74.80	3.58
	60.0	56.0	101.60	5.04	95.30	4.63	92.20	4.43	89.10	4.23	82.00	3.82	74.80	3.42

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC072S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	54.50	7.61	53.30	7.30	52.80	7.32	52.20	6.99	49.00	6.36	45.70	6.24
	-17.8	-18.0	59.30	7.84	58.20	7.53	57.60	7.55	57.10	7.22	53.80	6.59	50.60	6.47
	-12.6	-13.0	66.60	8.19	65.50	7.88	64.90	7.90	64.40	7.57	61.10	6.94	57.70	6.82
	-7.1	-7.6	73.90	8.54	72.80	8.22	72.20	8.25	71.10	7.85	65.60	7.22	60.10	6.96
	-3.6	-4.0	78.80	8.77	77.50	8.46	75.10	8.41	72.70	7.94	67.20	7.31	61.70	7.05
	-1.8	-2.2	81.20	8.89	78.30	8.50	75.90	8.46	73.50	7.99	68.00	7.36	62.50	7.10
	2.0	1.0	84.70	9.12	79.90	8.59	77.50	8.55	75.10	8.08	69.60	7.45	64.20	7.19
	6.0	5.0	87.20	9.26	82.40	8.73	80.00	8.69	77.60	8.22	72.10	7.59	66.60	7.33
	10.0	9.0	88.80	9.35	84.00	8.83	81.60	8.78	79.20	8.31	73.70	7.68	68.00	7.42
	13.0	12.0	89.60	9.40	84.80	8.87	82.40	8.83	80.00	8.36	74.50	7.73	68.00	7.13
	17.0	15.0	92.00	9.54	86.70	9.01	83.80	8.56	81.00	8.12	74.50	7.17	68.00	6.31
	19.0	18.0	92.30	9.58	86.70	8.65	83.80	8.22	81.00	7.79	74.50	6.89	68.00	6.07
	23.0	21.0	92.30	8.84	86.70	7.98	83.80	7.59	81.00	7.20	74.50	6.36	68.00	5.61
	26.0	24.0	92.30	8.16	86.70	7.38	83.80	7.01	81.00	6.65	74.50	5.89	68.00	5.20
	30.0	28.0	92.30	7.54	86.70	6.83	83.80	6.49	81.00	6.16	74.50	5.46	68.00	4.82
	35.0	32.0	92.30	6.73	86.70	6.10	83.80	5.80	81.00	5.51	74.50	4.90	68.00	4.33
	39.0	36.0	92.30	6.25	86.70	5.67	83.80	5.40	81.00	5.13	74.50	4.57	68.00	4.05
	44.0	40.0	92.30	5.83	86.70	5.29	83.80	5.04	81.00	4.79	74.50	4.27	68.00	3.80
	47.0	43.0	92.30	5.63	86.70	5.12	83.80	4.88	81.00	4.64	74.50	4.14	68.00	3.68
	51.0	47.0	92.30	5.28	86.70	4.81	83.80	4.59	81.00	4.36	74.50	3.90	68.00	3.47
	54.0	50.0	92.30	4.97	86.70	4.53	83.80	4.33	81.00	4.12	74.50	3.69	68.00	3.29
	57.0	53.0	92.30	4.56	86.70	4.18	83.80	3.99	81.00	3.81	74.50	3.42	68.00	3.06
	60.0	56.0	92.30	4.34	86.70	3.98	83.80	3.80	81.00	3.63	74.50	3.27	68.00	2.94
90	-21.8	-22.0	52.60	7.29	50.70	6.88	49.40	6.52	48.20	6.55	45.20	6.04	42.30	5.53
	-17.8	-18.0	57.50	7.52	55.60	7.11	54.30	6.76	53.00	6.78	50.10	6.28	47.20	5.76
	-12.6	-13.0	64.80	7.87	62.90	7.46	61.60	7.10	60.30	7.13	56.90	6.62	51.90	6.04
	-7.1	-7.6	72.10	8.21	68.50	7.81	66.40	7.38	64.20	7.34	59.30	6.76	54.40	6.18
	-3.6	-4.0	74.50	8.38	70.20	7.90	68.00	7.47	65.80	7.43	60.90	6.86	56.00	6.27
	-1.8	-2.2	75.30	8.42	71.00	7.95	68.80	7.52	66.70	7.48	61.70	6.90	56.80	6.32
	2.0	1.0	76.90	8.52	72.60	8.04	70.40	7.61	68.30	7.57	63.30	6.99	58.40	6.41
	6.0	5.0	79.30	8.65	75.00	8.18	72.90	7.75	70.70	7.71	65.80	7.13	60.80	6.55
	10.0	9.0	81.00	8.75	76.60	8.27	74.50	7.85	72.30	7.80	67.10	7.23	61.20	6.33
	13.0	12.0	81.80	8.79	77.40	8.32	75.30	7.89	72.90	7.85	67.10	6.94	61.20	6.08
	17.0	15.0	83.10	8.53	78.00	7.71	75.50	7.32	72.90	6.95	67.10	6.15	61.20	5.39
	19.0	18.0	83.10	8.19	78.00	7.41	75.50	7.03	72.90	6.68	67.10	5.91	61.20	5.19
	23.0	21.0	83.10	7.56	78.00	6.84	75.50	6.50	72.90	6.17	67.10	5.46	61.20	4.80
	26.0	24.0	83.10	6.99	78.00	6.33	75.50	6.01	72.90	5.71	67.10	5.06	61.20	4.45
	30.0	28.0	83.10	6.47	78.00	5.86	75.50	5.57	72.90	5.29	67.10	4.70	61.20	4.14
	35.0	32.0	83.10	5.79	78.00	5.25	75.50	4.99	72.90	4.75	67.10	4.22	61.20	3.73
	39.0	36.0	83.10	5.39	78.00	4.89	75.50	4.66	72.90	4.43	67.10	3.95	61.20	3.49
	44.0	40.0	83.10	5.03	78.00	4.58	75.50	4.36	72.90	4.15	67.10	3.70	61.20	3.28
	47.0	43.0	83.10	4.87	78.00	4.43	75.50	4.22	72.90	4.02	67.10	3.59	61.20	3.18
	51.0	47.0	83.10	4.58	78.00	4.17	75.50	3.98	72.90	3.79	67.10	3.39	61.20	3.01
	54.0	50.0	83.10	4.32	78.00	3.94	75.50	3.76	72.90	3.59	67.10	3.22	61.20	2.86
	57.0	53.0	83.10	3.99	78.00	3.65	75.50	3.49	72.90	3.33	67.10	2.99	61.20	2.67
	60.0	56.0	83.10	3.80	78.00	3.48	75.50	3.33	72.90	3.18	67.10	2.87	61.20	2.56
80	-21.8	-22.0	48.60	6.79	46.40	6.06	45.20	6.08	44.10	5.71	41.50	5.29	38.90	4.93
	-17.8	-18.0	53.50	7.02	51.20	6.29	50.10	6.32	49.00	5.94	46.40	5.52	43.70	5.16
	-12.6	-13.0	60.80	7.37	58.50	6.64	56.90	6.66	54.90	6.29	50.60	5.80	46.20	5.30
	-7.1	-7.6	65.00	7.65	61.20	6.84	59.30	6.80	57.40	6.43	53.00	5.94	48.60	5.44
	-3.6	-4.0	66.70	7.74	62.80	6.94	60.90	6.90	59.00	6.52	54.60	6.03	50.20	5.53
	-1.8	-2.2	67.50	7.78	63.60	6.98	61.70	6.94	59.80	6.57	55.40	6.07	51.00	5.58
	2.0	1.0	69.10	7.88	65.30	7.08	63.30	7.04	61.40	6.66	57.00	6.17	52.60	5.67
	6.0	5.0	71.50	8.02	67.70	7.22	65.80	7.17	63.90	6.80	59.50	6.31	54.40	5.81
	10.0	9.0	73.10	8.11	69.30	7.31	67.10	7.27	64.80	6.90	59.60	6.10	54.40	5.35
	13.0	12.0	73.90	8.16	69.30	7.36	67.10	6.98	64.80	6.62	59.60	5.86	54.40	5.14
	17.0	15.0	73.90	7.22	69.30	6.52	67.10	6.18	64.80	5.87	59.60	5.20	54.40	4.57
	19.0	18.0	73.90	6.94	69.30	6.26	67.10	5.94	64.80	5.64	59.60	5.00	54.40	4.39
	23.0	21.0	73.90	6.41	69.30	5.79	67.10	5.49	64.80	5.22	59.60	4.62	54.40	4.07
	26.0	24.0	73.90	5.93	69.30	5.36	67.10	5.09	64.80	4.84	59.60	4.29	54.40	3.78
	30.0	28.0	73.90	5.50	69.30	4.97	67.10	4.73	64.80	4.49	59.60	3.99	54.40	3.51
	35.0	32.0	73.90	4.93	69.30	4.47	67.10	4.25	64.80	4.04	59.60	3.59	54.40	3.17
	39.0	36.0	73.90	4.60	69.30	4.17	67.10	3.97	64.80	3.78	59.60	3.37	54.40	2.97
	44.0	40.0	73.90	4.31	69.30	3.91	67.10	3.72	64.80	3.55	59.60	3.16	54.40	2.80
	47.0	43.0	73.90	4.17	69.30	3.79	67.10	3.61	64.80	3.44	59.60	3.07	54.40	2.72
	51.0	47.0	73.90	3.93	69.30	3.58	67.10	3.41	64.80	3.25	59.60	2.91	54.40	2.58
	54.0	50.0	73.90	3.72	69.30	3.39	67.10	3.23	64.80	3.09	59.60	2.76	54.40	2.46
	57.0	53.0	73.90	3.45	69.30	3.15	67.10	3.01	64.80	2.88	59.60	2.58	54.40	2.30
	60.0	56.0	73.90	3.30	69.30	3.02	67.10	2.88	64.80	2.76	59.60	2.48	54.40	2.21

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC072S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	44.00	5.87	42.00	5.57	41.00	5.30	40.10	5.26	37.80	4.90	35.50	4.53
	-17.8	-18.0	48.90	6.11	46.90	5.80	45.90	5.53	44.90	5.49	41.80	5.13	38.00	4.69
	-12.6	-13.0	54.80	6.45	51.40	6.08	49.80	5.74	48.10	5.70	44.20	5.27	40.40	4.83
	-7.1	-7.6	57.20	6.59	53.90	6.22	52.20	5.88	50.50	5.84	46.70	5.41	42.80	4.97
	-3.6	-4.0	58.90	6.69	55.50	6.31	53.80	5.97	52.10	5.93	48.30	5.50	44.50	5.06
	-1.8	-2.2	59.70	6.73	56.30	6.36	54.60	6.02	52.90	5.98	49.10	5.55	45.30	5.11
	2.0	1.0	61.30	6.82	57.90	6.45	56.20	6.11	54.60	6.07	50.70	5.64	46.90	5.20
	6.0	5.0	63.70	6.96	60.40	6.59	58.70	6.25	56.70	6.21	52.20	5.50	47.60	4.84
	10.0	9.0	64.60	7.06	60.70	6.37	58.70	6.05	56.70	5.72	52.20	5.07	47.60	4.46
	13.0	12.0	64.60	6.78	60.70	6.12	58.70	5.81	56.70	5.50	52.20	4.87	47.60	4.29
	17.0	15.0	64.60	6.01	60.70	5.43	58.70	5.15	56.70	4.88	52.20	4.33	47.60	3.81
	19.0	18.0	64.60	5.77	60.70	5.22	58.70	4.95	56.70	4.69	52.20	4.16	47.60	3.67
	23.0	21.0	64.60	5.34	60.70	4.83	58.70	4.59	56.70	4.35	52.20	3.86	47.60	3.40
	26.0	24.0	64.60	4.95	60.70	4.48	58.70	4.25	56.70	4.03	52.20	3.58	47.60	3.16
	30.0	28.0	64.60	4.60	60.70	4.16	58.70	3.96	56.70	3.75	52.20	3.34	47.60	2.95
	35.0	32.0	64.60	4.13	60.70	3.75	58.70	3.57	56.70	3.39	52.20	3.02	47.60	2.67
	39.0	36.0	64.60	3.87	60.70	3.51	58.70	3.34	56.70	3.17	52.20	2.83	47.60	2.51
	44.0	40.0	64.60	3.63	60.70	3.30	58.70	3.14	56.70	2.99	52.20	2.67	47.60	2.36
	47.0	43.0	64.60	3.52	60.70	3.20	58.70	3.05	56.70	2.90	52.20	2.59	47.60	2.30
	51.0	47.0	64.60	3.33	60.70	3.03	58.70	2.89	56.70	2.75	52.20	2.46	47.60	2.19
	54.0	50.0	64.60	3.16	60.70	2.88	58.70	2.75	56.70	2.62	52.20	2.34	47.60	2.09
	57.0	53.0	64.60	2.94	60.70	2.69	58.70	2.57	56.70	2.45	52.20	2.20	47.60	1.96
	60.0	56.0	64.60	2.82	60.70	2.58	58.70	2.47	56.70	2.36	52.20	2.12	47.60	1.89
60	-21.8	-22.0	39.40	5.26	37.70	5.03	36.90	4.71	36.00	4.50	33.90	4.19	30.60	3.84
	-17.8	-18.0	44.30	5.49	41.70	5.26	40.20	4.94	38.80	4.67	35.50	4.28	32.20	3.93
	-12.6	-13.0	47.00	5.70	44.10	5.40	42.70	5.08	41.20	4.81	37.90	4.42	34.70	4.07
	-7.1	-7.6	49.40	5.84	46.50	5.54	45.10	5.22	43.70	4.94	40.40	4.56	37.10	4.21
	-3.6	-4.0	51.00	5.93	48.20	5.63	46.70	5.32	45.30	5.04	42.00	4.66	38.70	4.30
	-1.8	-2.2	51.80	5.98	49.00	5.68	47.50	5.36	46.10	5.08	42.80	4.70	39.50	4.35
	2.0	1.0	53.50	6.07	50.60	5.77	49.20	5.46	47.70	5.18	44.40	4.79	40.80	4.44
	6.0	5.0	55.40	6.21	52.00	5.63	50.30	5.33	48.60	5.06	44.70	4.46	40.80	3.93
	10.0	9.0	55.40	5.73	52.00	5.19	50.30	4.91	48.60	4.67	44.70	4.12	40.80	3.63
	13.0	12.0	55.40	5.50	52.00	4.99	50.30	4.72	48.60	4.48	44.70	3.96	40.80	3.49
	17.0	15.0	55.40	4.88	52.00	4.43	50.30	4.19	48.60	3.98	44.70	3.52	40.80	3.10
	19.0	18.0	55.40	4.70	52.00	4.26	50.30	4.03	48.60	3.83	44.70	3.39	40.80	2.99
	23.0	21.0	55.40	4.35	52.00	3.95	50.30	3.74	48.60	3.56	44.70	3.15	40.80	2.78
	26.0	24.0	55.40	4.04	52.00	3.67	50.30	3.48	48.60	3.30	44.70	2.93	40.80	2.58
	30.0	28.0	55.40	3.76	52.00	3.41	50.30	3.24	48.60	3.08	44.70	2.73	40.80	2.41
	35.0	32.0	55.40	3.39	52.00	3.09	50.30	2.93	48.60	2.79	44.70	2.48	40.80	2.19
	39.0	36.0	55.40	3.18	52.00	2.90	50.30	2.75	48.60	2.62	44.70	2.33	40.80	2.06
	44.0	40.0	55.40	3.00	52.00	2.73	50.30	2.59	48.60	2.47	44.70	2.20	40.80	1.95
	47.0	43.0	55.40	2.91	52.00	2.65	50.30	2.52	48.60	2.40	44.70	2.14	40.80	1.90
	51.0	47.0	55.40	2.76	52.00	2.52	50.30	2.39	48.60	2.28	44.70	2.04	40.80	1.81
	54.0	50.0	55.40	2.63	52.00	2.40	50.30	2.28	48.60	2.18	44.70	1.95	40.80	1.73
	57.0	53.0	55.40	2.46	52.00	2.25	50.30	2.14	48.60	2.04	44.70	1.83	40.80	1.64
	60.0	56.0	55.40	2.37	52.00	2.16	50.30	2.07	48.60	1.97	44.70	1.77	40.80	1.58
50	-21.8	-22.0	34.80	4.60	32.70	4.16	31.50	4.15	30.30	3.91	27.60	3.62	24.90	3.11
	-17.8	-18.0	36.80	4.77	34.40	4.25	33.20	4.25	32.00	4.00	29.20	3.71	26.50	3.20
	-12.6	-13.0	39.20	4.91	36.80	4.39	35.60	4.39	34.40	4.14	31.60	3.85	28.90	3.34
	-7.1	-7.6	41.60	5.04	39.20	4.53	38.00	4.52	36.80	4.28	34.10	3.99	31.30	3.48
	-3.6	-4.0	43.20	5.14	40.80	4.62	39.60	4.62	38.40	4.37	35.70	4.08	33.00	3.57
	-1.8	-2.2	44.00	5.18	41.60	4.67	40.40	4.66	39.20	4.42	36.50	4.13	33.80	3.62
	2.0	1.0	45.70	5.28	43.30	4.76	41.90	4.76	40.50	4.51	37.30	4.00	34.00	3.52
	6.0	5.0	46.20	4.91	43.30	4.43	41.90	4.21	40.50	3.99	37.30	3.55	34.00	3.12
	10.0	9.0	46.20	4.53	43.30	4.09	41.90	3.89	40.50	3.68	37.30	3.27	34.00	2.88
	13.0	12.0	46.20	4.35	43.30	3.93	41.90	3.73	40.50	3.54	37.30	3.15	34.00	2.77
	17.0	15.0	46.20	3.87	43.30	3.50	41.90	3.32	40.50	3.15	37.30	2.81	34.00	2.47
	19.0	18.0	46.20	3.72	43.30	3.37	41.90	3.20	40.50	3.04	37.30	2.70	34.00	2.38
	23.0	21.0	46.20	3.45	43.30	3.12	41.90	2.97	40.50	2.82	37.30	2.51	34.00	2.21
	26.0	24.0	46.20	3.21	43.30	2.91	41.90	2.77	40.50	2.63	37.30	2.34	34.00	2.06
	30.0	28.0	46.20	2.99	43.30	2.71	41.90	2.58	40.50	2.45	37.30	2.19	34.00	1.93
	35.0	32.0	46.20	2.71	43.30	2.46	41.90	2.34	40.50	2.23	37.30	1.99	34.00	1.76
	39.0	36.0	46.20	2.55	43.30	2.32	41.90	2.21	40.50	2.10	37.30	1.88	34.00	1.66
	44.0	40.0	46.20	2.41	43.30	2.19	41.90	2.09	40.50	1.98	37.30	1.78	34.00	1.57
	47.0	43.0	46.20	2.34	43.30	2.13	41.90	2.03	40.50	1.93	37.30	1.73	34.00	1.53
	51.0	47.0	46.20	2.23	43.30	2.03	41.90	1.93	40.50	1.84	37.30	1.65	34.00	1.46
	54.0	50.0	46.20	2.13	43.30	1.94	41.90	1.85	40.50	1.76	37.30	1.58	34.00	1.40
	57.0	53.0	46.20	2.00	43.30	1.83	41.90	1.74	40.50	1.66	37.30	1.50	34.00	1.33
	60.0	56.0	46.20	1.93	43.30	1.77	41.90	1.69	40.50	1.61	37.30	1.45	34.00	1.28

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC096S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	81.10	1.48	98.60	2.06	116.10	2.63	124.80	2.98	142.30	3.45	161.89	3.77	177.65	4.21
	10	81.10	1.56	98.60	2.15	116.10	2.73	124.80	3.07	142.30	3.54	160.29	3.85	175.89	4.27
	14	81.10	1.64	98.60	2.24	116.10	2.83	124.80	3.17	142.30	3.63	158.70	3.93	174.15	4.34
	23	81.10	1.73	98.60	2.33	116.10	2.93	124.80	3.27	142.30	3.72	157.13	4.01	172.43	4.41
	27	81.10	1.82	98.60	2.43	116.10	3.04	124.80	3.37	142.30	3.82	155.58	4.09	170.72	4.48
	32	81.10	1.92	98.60	2.53	116.10	3.15	124.80	3.47	142.30	3.92	154.04	4.17	169.03	4.55
	37	81.10	2.02	98.60	2.64	116.10	3.26	124.80	3.58	142.30	4.02	152.51	4.25	167.36	4.62
	41	81.10	2.13	98.60	2.75	116.10	3.38	124.80	3.69	142.30	4.12	151.00	4.34	165.70	4.69
	46	81.10	2.18	98.60	2.81	116.10	3.43	124.80	3.75	142.30	4.20	151.00	4.43	164.30	4.75
	50	81.10	2.23	98.60	2.86	116.10	3.49	124.80	3.81	142.30	4.28	151.00	4.52	163.30	4.81
	54	81.10	2.30	98.60	2.94	116.10	3.57	124.80	3.89	142.30	4.37	151.00	4.62	162.40	4.90
	57	81.10	2.39	98.60	3.02	116.10	3.66	124.80	3.98	142.30	4.50	151.00	4.76	161.40	5.02
	61	81.10	2.46	98.60	3.11	116.10	3.78	124.80	4.11	142.30	4.65	151.00	4.92	160.50	5.16
	64	81.10	2.57	98.60	3.23	116.10	3.91	124.80	4.25	142.30	4.81	151.00	5.11	159.50	5.35
	68	81.10	2.68	98.60	3.35	116.10	4.05	124.80	4.42	142.30	5.02	150.20	5.31	158.50	5.60
	72	81.10	2.80	98.60	3.50	116.10	4.23	124.80	4.62	142.30	5.29	149.30	5.57	157.60	5.91
	75	81.10	2.94	98.60	3.64	116.10	4.45	124.80	4.88	142.30	5.62	148.30	5.88	156.60	6.29
	79	81.10	3.04	98.60	3.86	116.10	4.72	124.80	5.21	142.30	6.00	147.30	6.25	155.70	6.75
	82	81.10	3.25	98.60	4.07	116.10	5.04	124.80	5.56	142.20	6.47	146.40	6.70	154.70	7.22
	86	81.10	3.41	98.60	4.35	116.10	5.39	124.80	6.00	141.30	6.93	145.40	7.16	153.70	7.76
	90	81.10	3.66	98.60	4.65	116.10	5.85	124.80	6.50	139.30	7.31	142.10	7.49	148.30	8.07
	93	81.10	3.91	98.60	5.07	116.10	6.34	124.80	6.99	133.30	7.47	136.20	7.71	142.50	8.29
	95	81.10	4.06	98.60	5.30	116.10	6.57	124.80	7.23	130.30	7.56	133.30	7.82	139.60	8.30
	99	81.10	4.51	98.60	5.75	116.10	7.06	118.90	7.36	124.30	7.73	127.40	7.99	133.90	8.07
	102	81.10	4.94	98.60	6.19	110.10	7.18	113.10	7.49	118.30	7.85	121.40	7.89	128.10	7.85
	106	81.10	5.35	98.60	6.75	104.20	7.28	107.20	7.60	112.20	7.66	115.50	7.65	122.30	7.64
	111	81.10	6.13	92.40	7.12	95.20	7.43	98.40	7.49	103.20	7.35	106.70	7.36	113.70	7.36
	115	81.10	6.77	86.10	7.25	89.30	7.24	92.50	7.33	97.20	7.17	100.80	7.19	105.30	6.97
	118	77.60	7.12	79.90	7.21	83.30	7.11	86.70	7.22	91.20	7.03	92.20	6.80	94.20	6.36
	120	74.20	7.22	76.80	7.16	80.40	7.07	83.70	7.18	85.50	6.70	86.50	6.48	88.70	6.05
	122	69.70	6.86	72.20	6.80	75.60	6.72	78.70	6.82	80.40	6.37	81.30	6.16	83.40	5.75
120	5	74.90	1.39	91.00	1.91	107.10	2.42	115.20	2.72	131.30	3.16	139.40	3.45	166.72	3.94
	10	74.90	1.46	91.00	1.99	107.10	2.51	115.20	2.80	131.30	3.24	139.40	3.52	165.07	4.00
	14	74.90	1.54	91.00	2.07	107.10	2.60	115.20	2.89	131.30	3.32	139.40	3.59	163.43	4.06
	23	74.90	1.62	91.00	2.16	107.10	2.69	115.20	2.98	131.30	3.41	139.40	3.66	161.81	4.12
	27	74.90	1.71	91.00	2.25	107.10	2.79	115.20	3.07	131.30	3.50	139.40	3.73	160.21	4.18
	32	74.90	1.80	91.00	2.34	107.10	2.89	115.20	3.17	131.30	3.59	139.40	3.81	158.63	4.24
	37	74.90	1.89	91.00	2.44	107.10	2.99	115.20	3.27	131.30	3.68	139.40	3.89	157.06	4.30
	41	74.90	1.99	91.00	2.54	107.10	3.10	115.20	3.37	131.30	3.77	139.40	3.97	155.50	4.37
	46	74.90	2.03	91.00	2.59	107.10	3.15	115.20	3.43	131.30	3.84	139.40	4.04	155.50	4.46
	50	74.90	2.08	91.00	2.63	107.10	3.20	115.20	3.48	131.30	3.90	139.40	4.11	155.50	4.54
	54	74.90	2.13	91.00	2.70	107.10	3.26	115.20	3.55	131.30	3.98	139.40	4.20	155.50	4.65
	57	74.90	2.20	91.00	2.76	107.10	3.34	115.20	3.63	131.30	4.08	139.40	4.31	155.50	4.79
	61	74.90	2.26	91.00	2.84	107.10	3.43	115.20	3.74	131.30	4.21	139.40	4.45	155.50	4.95
	64	74.90	2.35	91.00	2.94	107.10	3.54	115.20	3.85	131.30	4.35	139.40	4.60	155.50	5.15
	68	74.90	2.43	91.00	3.04	107.10	3.67	115.20	4.00	131.30	4.53	139.40	4.80	155.20	5.38
	72	74.90	2.53	91.00	3.16	107.10	3.83	115.20	4.17	131.30	4.75	139.40	5.06	154.30	5.67
	75	74.90	2.65	91.00	3.30	107.10	4.02	115.20	4.40	131.30	5.04	139.40	5.38	153.30	6.01
	79	74.90	2.76	91.00	3.49	107.10	4.26	115.20	4.68	131.30	5.38	139.40	5.76	152.40	6.44
	82	74.90	2.95	91.00	3.69	107.10	4.54	115.20	5.01	131.30	5.79	139.40	6.22	151.40	6.90
	86	74.90	3.10	91.00	3.94	107.10	4.87	115.20	5.40	131.30	6.27	139.40	6.72	150.00	7.35
	90	74.90	3.32	91.00	4.21	107.10	5.27	115.20	5.86	131.30	6.77	139.40	7.25	144.50	7.56
	93	74.90	3.53	91.00	4.56	107.10	5.72	115.20	6.34	131.30	7.29	133.60	7.40	139.10	7.78
	95	74.90	3.66	91.00	4.77	107.10	5.95	115.20	6.58	128.50	7.37	130.60	7.48	136.30	7.87
	99	74.90	4.03	91.00	5.18	107.10	6.42	115.20	7.10	122.80	7.52	124.80	7.62	130.80	7.97
	102	74.90	4.42	91.00	5.62	107.10	6.97	109.50	7.20	117.20	7.65	118.90	7.69	125.30	7.76
	106	74.90	4.82	91.00	6.13	104.20	7.29	103.80	7.27	111.50	7.66	113.10	7.54	119.80	7.58
	111	74.90	5.57	91.00	7.01	95.30	7.35	95.30	7.23	103.00	7.42	104.30	7.26	111.60	7.33
	115	74.90	6.15	85.20	7.06	89.40	7.26	89.60	7.11	97.40	7.29	98.50	7.10	103.30	6.96
	118	74.90	6.81	79.30	7.06	83.40	7.15	84.00	7.01	88.90	6.91	90.00	6.71	92.30	6.35
	120	74.90	7.21	76.40	7.05	80.50	7.12	81.10	6.99	83.20	6.58	84.30	6.39	86.70	6.04
	122	70.40	6.85	71.80	6.70	75.70	6.76	76.20	6.64	78.20	6.25	79.20	6.07	81.50	5.74

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC096S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	68.60	1.29	83.40	1.75	98.20	2.19	105.60	2.47	120.40	2.86	127.80	3.13	142.60	3.56
	10	68.60	1.36	83.40	1.82	98.20	2.27	105.60	2.55	120.40	2.93	127.80	3.19	142.60	3.61
	14	68.60	1.43	83.40	1.90	98.20	2.35	105.60	2.63	120.40	3.01	127.80	3.25	142.60	3.66
	23	68.60	1.50	83.40	1.98	98.20	2.44	105.60	2.71	120.40	3.09	127.80	3.32	142.60	3.72
	27	68.60	1.58	83.40	2.06	98.20	2.53	105.60	2.79	120.40	3.17	127.80	3.39	142.60	3.78
	32	68.60	1.66	83.40	2.15	98.20	2.62	105.60	2.88	120.40	3.25	127.80	3.46	142.60	3.84
	37	68.60	1.75	83.40	2.24	98.20	2.72	105.60	2.97	120.40	3.33	127.80	3.53	142.60	3.90
	41	68.60	1.84	83.40	2.33	98.20	2.82	105.60	3.06	120.40	3.42	127.80	3.60	142.60	3.96
	46	68.60	1.89	83.40	2.38	98.20	2.86	105.60	3.11	120.40	3.47	127.80	3.66	142.60	4.03
	50	68.60	1.92	83.40	2.41	98.20	2.90	105.60	3.15	120.40	3.52	127.80	3.71	142.60	4.09
	54	68.60	1.96	83.40	2.46	98.20	2.96	105.60	3.21	120.40	3.59	127.80	3.78	142.60	4.18
	57	68.60	2.01	83.40	2.51	98.20	3.02	105.60	3.27	120.40	3.67	127.80	3.88	142.60	4.29
	61	68.60	2.06	83.40	2.57	98.20	3.10	105.60	3.36	120.40	3.78	127.80	3.99	142.60	4.42
	64	68.60	2.13	83.40	2.65	98.20	3.19	105.60	3.46	120.40	3.90	127.80	4.12	142.60	4.59
	68	68.60	2.18	83.40	2.72	98.20	3.29	105.60	3.59	120.40	4.05	127.80	4.29	142.60	4.80
	72	68.60	2.25	83.40	2.83	98.20	3.43	105.60	3.74	120.40	4.24	127.80	4.50	142.60	5.06
	75	68.60	2.36	83.40	2.96	98.20	3.60	105.60	3.93	120.40	4.48	127.80	4.77	142.60	5.40
	79	68.60	2.48	83.40	3.12	98.20	3.81	105.60	4.17	120.40	4.78	127.80	5.11	142.60	5.82
	82	68.60	2.64	83.40	3.31	98.20	4.06	105.60	4.48	120.40	5.15	127.80	5.51	142.60	6.29
	86	68.60	2.80	83.40	3.53	98.20	4.36	105.60	4.83	120.40	5.58	127.80	5.97	142.60	6.81
	90	68.60	2.98	83.40	3.77	98.20	4.72	105.60	5.25	120.40	6.04	127.80	6.46	140.00	7.15
	93	68.60	3.15	83.40	4.07	98.20	5.12	105.60	5.68	120.40	6.53	127.80	6.96	134.90	7.32
	95	68.60	3.27	83.40	4.25	98.20	5.33	105.60	5.93	120.40	6.78	127.80	7.22	132.40	7.41
	99	68.60	3.56	83.40	4.62	98.20	5.80	105.60	6.41	120.40	7.30	122.50	7.36	127.30	7.57
	102	68.60	3.90	83.40	5.05	98.20	6.29	105.60	6.93	114.70	7.39	117.30	7.48	122.20	7.65
	106	68.60	4.29	83.40	5.53	98.20	6.81	102.90	7.23	109.10	7.45	112.10	7.54	117.10	7.49
	111	68.60	5.02	83.40	6.31	93.30	7.16	95.00	7.24	100.70	7.29	104.20	7.36	109.50	7.30
	115	68.60	5.53	83.40	6.86	88.40	7.14	89.60	7.18	95.00	7.17	99.00	7.27	101.40	6.95
	118	68.60	6.08	81.20	7.18	83.60	7.19	84.30	7.14	86.50	6.79	87.70	6.63	90.30	6.33
	120	68.60	6.38	76.00	6.94	77.60	6.84	78.50	6.79	80.80	6.46	82.10	6.31	84.80	6.03
	122	64.50	6.06	71.40	6.59	72.90	6.50	73.80	6.45	76.00	6.14	77.20	5.99	79.70	5.73
100	5	62.40	1.19	75.80	1.59	89.30	1.98	96.00	2.22	109.40	2.57	116.20	2.81	129.60	3.21
	10	62.40	1.25	75.80	1.66	89.30	2.05	96.00	2.29	109.40	2.64	116.20	2.87	129.60	3.26
	14	62.40	1.32	75.80	1.73	89.30	2.12	96.00	2.36	109.40	2.71	116.20	2.93	129.60	3.31
	23	62.40	1.39	75.80	1.80	89.30	2.20	96.00	2.43	109.40	2.78	116.20	2.99	129.60	3.36
	27	62.40	1.46	75.80	1.88	89.30	2.28	96.00	2.51	109.40	2.85	116.20	3.05	129.60	3.41
	32	62.40	1.54	75.80	1.96	89.30	2.36	96.00	2.59	109.40	2.92	116.20	3.11	129.60	3.46
	37	62.40	1.62	75.80	2.04	89.30	2.45	96.00	2.67	109.40	2.99	116.20	3.17	129.60	3.51
	41	62.40	1.70	75.80	2.12	89.30	2.54	96.00	2.75	109.40	3.07	116.20	3.23	129.60	3.56
	46	62.40	1.74	75.80	2.16	89.30	2.58	96.00	2.79	109.40	3.12	116.20	3.28	129.60	3.60
	50	62.40	1.77	75.80	2.19	89.30	2.61	96.00	2.82	109.40	3.15	116.20	3.32	129.60	3.65
	54	62.40	1.80	75.80	2.22	89.30	2.65	96.00	2.87	109.40	3.21	116.20	3.38	129.60	3.72
	57	62.40	1.82	75.80	2.26	89.30	2.70	96.00	2.92	109.40	3.27	116.20	3.45	129.60	3.81
	61	62.40	1.86	75.80	2.31	89.30	2.76	96.00	3.00	109.40	3.36	116.20	3.54	129.60	3.92
	64	62.40	1.90	75.80	2.36	89.30	2.84	96.00	3.08	109.40	3.46	116.20	3.65	129.60	4.06
	68	62.40	1.94	75.80	2.41	89.30	2.92	96.00	3.18	109.40	3.59	116.20	3.79	129.60	4.23
	72	62.40	1.98	75.80	2.50	89.30	3.04	96.00	3.31	109.40	3.74	116.20	3.97	129.60	4.44
	75	62.40	2.07	75.80	2.62	89.30	3.18	96.00	3.47	109.40	3.94	116.20	4.19	129.60	4.71
	79	62.40	2.19	75.80	2.76	89.30	3.36	96.00	3.68	109.40	4.20	116.20	4.48	129.60	5.07
	82	62.40	2.34	75.80	2.94	89.30	3.59	96.00	3.94	109.40	4.53	116.20	4.85	129.60	5.50
	86	62.40	2.49	75.80	3.13	89.30	3.86	96.00	4.28	109.40	4.92	116.20	5.26	129.60	5.96
	90	62.40	2.64	75.80	3.34	89.30	4.18	96.00	4.65	109.40	5.34	116.20	5.69	129.60	6.47
	93	62.40	2.78	75.80	3.60	89.30	4.54	96.00	5.05	109.40	5.80	116.20	6.18	129.60	6.92
	95	62.40	2.87	75.80	3.74	89.30	4.73	96.00	5.26	109.40	6.04	116.20	6.41	129.60	7.15
	99	62.40	3.09	75.80	4.07	89.30	5.18	96.00	5.76	109.40	6.50	116.20	6.88	124.70	7.27
	102	62.40	3.39	75.80	4.47	89.30	5.64	96.00	6.22	109.40	6.97	113.70	7.16	119.80	7.39
	106	62.40	3.76	75.80	4.93	89.30	6.10	96.00	6.69	106.60	7.23	108.90	7.26	114.80	7.44
	111	62.40	4.46	75.80	5.63	89.30	6.81	93.90	7.21	98.20	7.11	101.60	7.24	107.40	7.28
	115	62.40	4.92	75.80	6.08	89.30	7.29	89.60	7.25	92.60	7.04	96.80	7.19	99.50	6.94
	118	62.40	5.34	75.80	6.53	80.70	6.91	81.70	6.94	84.20	6.67	85.50	6.55	88.40	6.32
	120	62.40	5.56	72.40	6.43	74.80	6.55	75.80	6.59	78.50	6.34	79.90	6.23	82.90	6.01
	122	58.70	5.28	68.10	6.11	70.30	6.22	71.30	6.26	73.80	6.02	75.10	5.92	77.90	5.71

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC096S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	56.20	1.07	68.30	1.44	80.40	1.77	86.40	1.99	98.50	2.30	104.50	2.50	116.60	2.84
	10	56.20	1.13	68.30	1.50	80.40	1.83	86.40	2.05	98.50	2.36	104.50	2.55	116.60	2.88
	14	56.20	1.19	68.30	1.56	80.40	1.90	86.40	2.11	98.50	2.42	104.50	2.60	116.60	2.92
	23	56.20	1.25	68.30	1.62	80.40	1.97	86.40	2.18	98.50	2.48	104.50	2.65	116.60	2.96
	27	56.20	1.32	68.30	1.69	80.40	2.04	86.40	2.25	98.50	2.54	104.50	2.70	116.60	3.01
	32	56.20	1.39	68.30	1.76	80.40	2.11	86.40	2.32	98.50	2.60	104.50	2.76	116.60	3.06
	37	56.20	1.46	68.30	1.83	80.40	2.19	86.40	2.39	98.50	2.67	104.50	2.82	116.60	3.11
	41	56.20	1.54	68.30	1.91	80.40	2.27	86.40	2.46	98.50	2.74	104.50	2.88	116.60	3.16
	46	56.20	1.58	68.30	1.95	80.40	2.31	86.40	2.50	98.50	2.78	104.50	2.92	116.60	3.20
	50	56.20	1.61	68.30	1.98	80.40	2.35	86.40	2.53	98.50	2.81	104.50	2.96	116.60	3.24
	54	56.20	1.64	68.30	2.01	80.40	2.38	86.40	2.57	98.50	2.86	104.50	3.00	116.60	3.29
	57	56.20	1.67	68.30	2.04	80.40	2.42	86.40	2.61	98.50	2.91	104.50	3.06	116.60	3.36
	61	56.20	1.70	68.30	2.08	80.40	2.48	86.40	2.67	98.50	2.98	104.50	3.14	116.60	3.45
	64	56.20	1.74	68.30	2.13	80.40	2.54	86.40	2.75	98.50	3.07	104.50	3.23	116.60	3.57
	68	56.20	1.77	68.30	2.18	80.40	2.61	86.40	2.83	98.50	3.17	104.50	3.35	116.60	3.71
	72	56.20	1.81	68.30	2.25	80.40	2.71	86.40	2.94	98.50	3.31	104.50	3.50	116.60	3.89
	75	56.20	1.89	68.30	2.35	80.40	2.83	86.40	3.08	98.50	3.48	104.50	3.68	116.60	4.11
	79	56.20	1.98	68.30	2.47	80.40	2.99	86.40	3.25	98.50	3.69	104.50	3.91	116.60	4.37
	82	56.20	2.10	68.30	2.62	80.40	3.17	86.40	3.46	98.50	3.94	104.50	4.18	116.60	4.70
	86	56.20	2.21	68.30	2.78	80.40	3.40	86.40	3.73	98.50	4.25	104.50	4.52	116.60	5.08
	90	56.20	2.34	68.30	2.96	80.40	3.66	86.40	4.03	98.50	4.59	104.50	4.88	116.60	5.48
	93	56.20	2.47	68.30	3.18	80.40	3.95	86.40	4.36	98.50	4.96	104.50	5.28	116.60	5.92
	95	56.20	2.56	68.30	3.31	80.40	4.12	86.40	4.54	98.50	5.17	104.50	5.49	116.60	6.13
	99	56.20	2.78	68.30	3.61	80.40	4.49	86.40	4.96	98.50	5.60	104.50	5.92	116.60	6.56
	102	56.20	3.07	68.30	3.97	80.40	4.91	86.40	5.38	98.50	6.03	104.50	6.36	116.60	7.03
	106	56.20	3.42	68.30	4.35	80.40	5.32	86.40	5.83	98.50	6.50	104.50	6.84	113.90	7.33
	111	56.20	3.98	68.30	4.99	80.40	6.02	86.40	6.56	98.30	7.24	99.10	7.11	105.80	7.28
	115	56.20	4.41	68.30	5.43	80.20	6.52	85.90	7.05	91.80	7.13	93.60	7.05	97.50	6.92
	118	56.20	4.82	67.50	5.85	74.40	6.44	76.70	6.61	80.40	6.47	82.40	6.41	86.40	6.31
	120	56.20	5.05	64.00	5.75	68.60	6.09	70.80	6.26	74.70	6.14	76.70	6.09	80.90	6.00
	122	52.80	4.80	60.20	5.46	64.50	5.79	66.60	5.95	70.20	5.83	72.10	5.79	76.00	5.70
80	5	49.90	0.93	60.70	1.23	71.40	1.51	76.80	1.69	87.60	1.95	92.90	2.12	103.70	2.41
	10	49.90	0.98	60.70	1.29	71.40	1.57	76.80	1.75	87.60	2.01	92.90	2.17	103.70	2.46
	14	49.90	1.04	60.70	1.35	71.40	1.64	76.80	1.81	87.60	2.07	92.90	2.23	103.70	2.51
	23	49.90	1.10	60.70	1.41	71.40	1.71	76.80	1.88	87.60	2.13	92.90	2.29	103.70	2.56
	27	49.90	1.16	60.70	1.48	71.40	1.78	76.80	1.95	87.60	2.20	92.90	2.35	103.70	2.61
	32	49.90	1.23	60.70	1.55	71.40	1.85	76.80	2.02	87.60	2.27	92.90	2.41	103.70	2.66
	37	49.90	1.30	60.70	1.62	71.40	1.93	76.80	2.09	87.60	2.34	92.90	2.47	103.70	2.71
	41	49.90	1.38	60.70	1.70	71.40	2.01	76.80	2.17	87.60	2.41	92.90	2.53	103.70	2.77
	46	49.90	1.42	60.70	1.73	71.40	2.05	76.80	2.21	87.60	2.45	92.90	2.57	103.70	2.81
	50	49.90	1.45	60.70	1.76	71.40	2.08	76.80	2.23	87.60	2.48	92.90	2.60	103.70	2.84
	54	49.90	1.48	60.70	1.79	71.40	2.11	76.80	2.27	87.60	2.51	92.90	2.63	103.70	2.87
	57	49.90	1.51	60.70	1.83	71.40	2.14	76.80	2.30	87.60	2.55	92.90	2.68	103.70	2.93
	61	49.90	1.54	60.70	1.86	71.40	2.19	76.80	2.35	87.60	2.61	92.90	2.74	103.70	3.00
	64	49.90	1.57	60.70	1.91	71.40	2.24	76.80	2.41	87.60	2.68	92.90	2.82	103.70	3.10
	68	49.90	1.60	60.70	1.95	71.40	2.31	76.80	2.49	87.60	2.77	92.90	2.92	103.70	3.21
	72	49.90	1.63	60.70	2.01	71.40	2.39	76.80	2.58	87.60	2.89	92.90	3.04	103.70	3.36
	75	49.90	1.69	60.70	2.08	71.40	2.49	76.80	2.70	87.60	3.03	92.90	3.20	103.70	3.55
	79	49.90	1.76	60.70	2.18	71.40	2.62	76.80	2.84	87.60	3.20	92.90	3.39	103.70	3.77
	82	49.90	1.84	60.70	2.29	71.40	2.77	76.80	3.01	87.60	3.40	92.90	3.60	103.70	4.00
	86	49.90	1.93	60.70	2.43	71.40	2.94	76.80	3.21	87.60	3.63	92.90	3.85	103.70	4.29
	90	49.90	2.04	60.70	2.58	71.40	3.15	76.80	3.44	87.60	3.90	92.90	4.14	103.70	4.62
	93	49.90	2.16	60.70	2.76	71.40	3.39	76.80	3.71	87.60	4.21	92.90	4.46	103.70	4.98
	95	49.90	2.25	60.70	2.88	71.40	3.53	76.80	3.86	87.60	4.37	92.90	4.64	103.70	5.17
	99	49.90	2.46	60.70	3.14	71.40	3.84	76.80	4.20	87.60	4.74	92.90	5.01	103.70	5.55
	102	49.90	2.73	60.70	3.45	71.40	4.19	76.80	4.57	87.60	5.12	92.90	5.40	103.70	5.97
	106	49.90	3.01	60.70	3.77	71.40	4.56	76.80	4.97	87.60	5.55	92.90	5.84	103.70	6.41
	111	49.90	3.48	60.70	4.35	71.40	5.24	76.80	5.69	87.60	6.30	92.90	6.60	103.70	7.21
	115	49.90	3.87	60.70	4.79	71.40	5.76	76.80	6.25	86.30	6.70	89.90	6.82	95.60	6.91
	118	49.90	4.32	59.40	5.19	67.70	5.93	71.60	6.28	76.70	6.27	79.20	6.28	84.50	6.30
	120	48.00	4.40	55.30	5.04	62.40	5.64	65.80	5.93	71.00	5.94	73.60	5.95	79.00	5.99
	122	45.10	4.18	52.00	4.79	58.70	5.36	61.90	5.63	66.70	5.64	69.20	5.65	74.30	5.69

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC096S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	43.70	0.83	53.10	1.08	62.50	1.32	67.20	1.47	76.60	1.69	81.30	1.84	90.70	2.08
	10	43.70	0.88	53.10	1.13	62.50	1.38	67.20	1.52	76.60	1.74	81.30	1.89	90.70	2.12
	14	43.70	0.93	53.10	1.18	62.50	1.44	67.20	1.58	76.60	1.79	81.30	1.94	90.70	2.16
	23	43.70	0.98	53.10	1.24	62.50	1.50	67.20	1.64	76.60	1.85	81.30	1.99	90.70	2.20
	27	43.70	1.04	53.10	1.30	62.50	1.56	67.20	1.70	76.60	1.91	81.30	2.04	90.70	2.24
	32	43.70	1.10	53.10	1.36	62.50	1.62	67.20	1.76	76.60	1.97	81.30	2.09	90.70	2.29
	37	43.70	1.16	53.10	1.42	62.50	1.69	67.20	1.82	76.60	2.03	81.30	2.14	90.70	2.34
	41	43.70	1.23	53.10	1.49	62.50	1.76	67.20	1.89	76.60	2.09	81.30	2.19	90.70	2.39
	46	43.70	1.26	53.10	1.52	62.50	1.79	67.20	1.92	76.60	2.12	81.30	2.22	90.70	2.42
	50	43.70	1.29	53.10	1.55	62.50	1.82	67.20	1.95	76.60	2.15	81.30	2.25	90.70	2.45
	54	43.70	1.31	53.10	1.58	62.50	1.84	67.20	1.98	76.60	2.18	81.30	2.28	90.70	2.48
	57	43.70	1.33	53.10	1.60	62.50	1.87	67.20	2.01	76.60	2.21	81.30	2.31	90.70	2.52
	61	43.70	1.36	53.10	1.63	62.50	1.91	67.20	2.05	76.60	2.26	81.30	2.36	90.70	2.58
	64	43.70	1.39	53.10	1.67	62.50	1.96	67.20	2.10	76.60	2.32	81.30	2.43	90.70	2.65
	68	43.70	1.42	53.10	1.71	62.50	2.01	67.20	2.16	76.60	2.39	81.30	2.51	90.70	2.75
	72	43.70	1.44	53.10	1.75	62.50	2.07	67.20	2.23	76.60	2.48	81.30	2.61	90.70	2.87
	75	43.70	1.47	53.10	1.81	62.50	2.15	67.20	2.33	76.60	2.60	81.30	2.74	90.70	3.02
	79	43.70	1.52	53.10	1.88	62.50	2.25	67.20	2.44	76.60	2.74	81.30	2.89	90.70	3.21
	82	43.70	1.57	53.10	1.97	62.50	2.37	67.20	2.58	76.60	2.90	81.30	3.07	90.70	3.40
	86	43.70	1.64	53.10	2.07	62.50	2.50	67.20	2.72	76.60	3.07	81.30	3.25	90.70	3.61
	90	43.70	1.73	53.10	2.19	62.50	2.66	67.20	2.90	76.60	3.28	81.30	3.48	90.70	3.88
	93	43.70	1.83	53.10	2.34	62.50	2.85	67.20	3.11	76.60	3.53	81.30	3.74	90.70	4.17
	95	43.70	1.91	53.10	2.43	62.50	2.96	67.20	3.23	76.60	3.67	81.30	3.89	90.70	4.33
	99	43.70	2.09	53.10	2.65	62.50	3.22	67.20	3.51	76.60	3.97	81.30	4.20	90.70	4.66
	102	43.70	2.33	53.10	2.92	62.50	3.52	67.20	3.83	76.60	4.31	81.30	4.55	90.70	5.03
	106	43.70	2.55	53.10	3.19	62.50	3.85	67.20	4.19	76.60	4.68	81.30	4.93	90.70	5.43
	111	43.70	2.94	53.10	3.69	62.50	4.45	67.20	4.83	76.60	5.34	81.30	5.59	90.70	6.09
	115	43.70	3.31	53.10	4.11	62.50	4.93	67.20	5.34	76.60	5.84	81.10	6.08	89.70	6.52
	118	43.70	3.79	52.10	4.60	60.80	5.41	65.20	5.82	71.50	5.98	74.50	6.05	80.40	6.16
	120	40.60	3.94	48.30	4.62	56.20	5.31	60.20	5.66	66.00	5.73	68.90	5.77	74.80	5.86
	122	38.20	3.74	45.40	4.39	52.80	5.04	56.60	5.38	62.00	5.44	64.80	5.48	70.30	5.57
60	5	37.40	0.70	45.50	0.90	53.60	1.10	57.60	1.22	65.70	1.34	69.70	1.40	77.80	1.52
	10	37.40	0.74	45.50	0.95	53.60	1.15	57.60	1.27	65.70	1.40	69.70	1.46	77.80	1.58
	14	37.40	0.79	45.50	1.00	53.60	1.20	57.60	1.32	65.70	1.46	69.70	1.52	77.80	1.65
	23	37.40	0.84	45.50	1.05	53.60	1.26	57.60	1.38	65.70	1.52	69.70	1.58	77.80	1.72
	27	37.40	0.89	45.50	1.11	53.60	1.32	57.60	1.44	65.70	1.58	69.70	1.65	77.80	1.79
	32	37.40	0.95	45.50	1.17	53.60	1.38	57.60	1.50	65.70	1.65	69.70	1.72	77.80	1.86
	37	37.40	1.01	45.50	1.23	53.60	1.45	57.60	1.56	65.70	1.72	69.70	1.79	77.80	1.94
	41	37.40	1.07	45.50	1.29	53.60	1.52	57.60	1.63	65.70	1.79	69.70	1.86	77.80	2.02
	46	37.40	1.10	45.50	1.32	53.60	1.54	57.60	1.66	65.70	1.81	69.70	1.89	77.80	2.05
	50	37.40	1.11	45.50	1.34	53.60	1.57	57.60	1.68	65.70	1.84	69.70	1.92	77.80	2.07
	54	37.40	1.13	45.50	1.36	53.60	1.59	57.60	1.70	65.70	1.86	69.70	1.94	77.80	2.10
	57	37.40	1.15	45.50	1.38	53.60	1.61	57.60	1.73	65.70	1.89	69.70	1.97	77.80	2.13
	61	37.40	1.17	45.50	1.40	53.60	1.64	57.60	1.76	65.70	1.92	69.70	2.01	77.80	2.18
	64	37.40	1.19	45.50	1.43	53.60	1.68	57.60	1.80	65.70	1.97	69.70	2.06	77.80	2.23
	68	37.40	1.22	45.50	1.47	53.60	1.72	57.60	1.84	65.70	2.03	69.70	2.12	77.80	2.31
	72	37.40	1.24	45.50	1.50	53.60	1.76	57.60	1.90	65.70	2.10	69.70	2.20	77.80	2.40
	75	37.40	1.26	45.50	1.54	53.60	1.83	57.60	1.97	65.70	2.19	69.70	2.30	77.80	2.52
	79	37.40	1.29	45.50	1.59	53.60	1.90	57.60	2.06	65.70	2.30	69.70	2.42	77.80	2.67
	82	37.40	1.32	45.50	1.65	53.60	1.99	57.60	2.16	65.70	2.42	69.70	2.56	77.80	2.83
	86	37.40	1.37	45.50	1.73	53.60	2.09	57.60	2.27	65.70	2.56	69.70	2.70	77.80	3.00
	90	37.40	1.45	45.50	1.82	53.60	2.21	57.60	2.40	65.70	2.71	69.70	2.87	77.80	3.20
	93	37.40	1.51	45.50	1.93	53.60	2.34	57.60	2.55	65.70	2.90	69.70	3.08	77.80	3.44
	95	37.40	1.58	45.50	2.00	53.60	2.43	57.60	2.65	65.70	3.02	69.70	3.20	77.80	3.57
	99	37.40	1.70	45.50	2.17	53.60	2.65	57.60	2.89	65.70	3.28	69.70	3.47	77.80	3.87
	102	37.40	1.89	45.50	2.39	53.60	2.90	57.60	3.16	65.70	3.57	69.70	3.77	77.80	4.19
	106	37.40	2.09	45.50	2.63	53.60	3.19	57.60	3.48	65.70	3.91	69.70	4.12	77.80	4.55
	111	37.40	2.43	45.50	3.06	53.60	3.71	57.60	4.04	65.70	4.47	69.70	4.68	77.80	5.11
	115	37.40	2.72	45.50	3.41	53.60	4.11	57.60	4.46	65.70	4.89	69.70	5.11	77.80	5.52
	118	37.40	3.17	45.30	3.90	53.40	4.63	57.60	4.99	64.10	5.35	67.30	5.51	74.00	5.78
	120	35.40	3.46	42.70	4.16	50.20	4.87	54.10	5.22	59.80	5.39	62.60	5.47	68.50	5.60
	122	33.30	3.29	40.10	3.95	47.20	4.63	50.90	4.96	56.20	5.12	58.80	5.20	64.40	5.32

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC096S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	31.20	0.59	37.90	0.77	44.60	0.93	48.00	1.04	54.70	1.11	58.10	1.16	64.80	1.24
	10	31.20	0.63	37.90	0.81	44.60	0.97	48.00	1.08	54.70	1.16	58.10	1.21	64.80	1.29
	14	31.20	0.67	37.90	0.85	44.60	1.02	48.00	1.12	54.70	1.21	58.10	1.26	64.80	1.34
	23	31.20	0.71	37.90	0.89	44.60	1.07	48.00	1.17	54.70	1.26	58.10	1.31	64.80	1.40
	27	31.20	0.76	37.90	0.94	44.60	1.12	48.00	1.22	54.70	1.31	58.10	1.36	64.80	1.46
	32	31.20	0.81	37.90	0.99	44.60	1.17	48.00	1.27	54.70	1.36	58.10	1.42	64.80	1.52
	37	31.20	0.86	37.90	1.04	44.60	1.22	48.00	1.32	54.70	1.42	58.10	1.48	64.80	1.58
	41	31.20	0.91	37.90	1.09	44.60	1.28	48.00	1.37	54.70	1.48	58.10	1.54	64.80	1.65
	46	31.20	0.93	37.90	1.12	44.60	1.30	48.00	1.39	54.70	1.51	58.10	1.56	64.80	1.68
	50	31.20	0.95	37.90	1.13	44.60	1.31	48.00	1.41	54.70	1.52	58.10	1.58	64.80	1.70
	54	31.20	0.96	37.90	1.14	44.60	1.33	48.00	1.43	54.70	1.55	58.10	1.61	64.80	1.73
	57	31.20	0.96	37.90	1.16	44.60	1.35	48.00	1.45	54.70	1.57	58.10	1.63	64.80	1.75
	61	31.20	0.98	37.90	1.17	44.60	1.37	48.00	1.47	54.70	1.60	58.10	1.66	64.80	1.78
	64	31.20	1.00	37.90	1.20	44.60	1.40	48.00	1.50	54.70	1.63	58.10	1.69	64.80	1.82
	68	31.20	1.02	37.90	1.23	44.60	1.43	48.00	1.53	54.70	1.67	58.10	1.74	64.80	1.88
	72	31.20	1.04	37.90	1.25	44.60	1.47	48.00	1.57	54.70	1.73	58.10	1.80	64.80	1.96
	75	31.20	1.05	37.90	1.28	44.60	1.51	48.00	1.62	54.70	1.79	58.10	1.87	64.80	2.04
	79	31.20	1.07	37.90	1.32	44.60	1.57	48.00	1.69	54.70	1.87	58.10	1.97	64.80	2.15
	82	31.20	1.08	37.90	1.35	44.60	1.63	48.00	1.77	54.70	1.97	58.10	2.07	64.80	2.28
	86	31.20	1.11	37.90	1.41	44.60	1.70	48.00	1.85	54.70	2.07	58.10	2.19	64.80	2.42
	90	31.20	1.17	37.90	1.47	44.60	1.78	48.00	1.94	54.70	2.18	58.10	2.31	64.80	2.57
	93	31.20	1.22	37.90	1.54	44.60	1.87	48.00	2.04	54.70	2.32	58.10	2.46	64.80	2.75
	95	31.20	1.25	37.90	1.59	44.60	1.93	48.00	2.10	54.70	2.40	58.10	2.55	64.80	2.85
	99	31.20	1.36	37.90	1.73	44.60	2.10	48.00	2.30	54.70	2.62	58.10	2.78	64.80	3.11
	102	31.20	1.48	37.90	1.90	44.60	2.32	48.00	2.53	54.70	2.87	58.10	3.04	64.80	3.38
	106	31.20	1.68	37.90	2.11	44.60	2.56	48.00	2.80	54.70	3.16	58.10	3.34	64.80	3.70
	111	31.20	1.96	37.90	2.49	44.60	3.03	48.00	3.31	54.70	3.67	58.10	3.85	64.80	4.21
	115	31.20	2.19	37.90	2.77	44.60	3.36	48.00	3.66	54.70	4.02	58.10	4.20	64.80	4.55
	118	31.20	2.49	37.90	3.14	44.60	3.77	48.00	4.08	54.70	4.42	58.10	4.59	64.80	4.90
	120	31.20	2.79	37.90	3.43	44.60	4.04	48.00	4.34	52.90	4.66	55.80	4.81	62.10	5.10
	122	31.20	2.99	37.90	3.67	44.60	4.32	48.00	4.64	52.90	4.99	53.00	4.71	59.00	5.00

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC096S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	83.80	11.86	81.90	12.16	80.90	12.30	79.90	12.45	77.70	12.74	75.40	13.18
	-17.8	-18.0	90.50	12.16	88.60	12.45	87.60	12.59	86.60	12.74	84.30	13.03	82.10	13.47
	-12.6	-13.0	100.60	12.59	98.60	12.89	97.60	13.03	96.60	13.18	94.40	13.47	88.60	13.62
	-7.1	-7.6	110.60	13.03	108.60	13.33	107.70	13.47	105.80	13.62	99.80	13.62	93.70	13.62
	-3.6	-4.0	117.30	13.33	113.90	13.62	112.50	13.62	109.30	13.62	103.30	13.62	97.20	13.62
	-1.8	-2.2	120.70	13.47	115.70	13.62	114.20	13.62	111.00	13.62	105.00	13.62	98.90	13.62
	2.0	1.0	125.50	13.62	119.10	13.62	117.70	13.62	114.50	13.62	108.40	13.62	102.40	13.62
	6.0	5.0	130.70	13.62	124.30	13.62	122.80	13.62	119.70	13.62	113.60	13.62	107.60	13.62
	10.0	9.0	134.10	13.62	127.80	13.62	126.30	13.62	123.10	13.62	117.10	13.62	111.00	13.62
	13.0	12.0	135.90	13.62	129.50	13.62	128.00	13.62	124.80	13.62	118.80	13.62	112.80	13.62
	17.0	15.0	141.10	13.62	134.70	13.62	133.20	13.62	130.00	13.62	124.00	13.62	117.90	13.27
	19.0	18.0	142.80	13.62	136.40	13.62	134.90	13.62	131.80	13.62	125.70	13.62	117.90	12.74
	23.0	21.0	146.20	13.62	139.90	13.62	138.40	13.62	135.20	13.62	129.20	13.38	117.90	11.76
	26.0	24.0	149.70	13.62	143.30	13.62	141.90	13.62	138.70	13.62	129.20	12.35	117.90	10.86
	30.0	28.0	153.10	13.62	146.80	13.62	145.30	13.56	140.40	12.86	129.20	11.42	117.90	10.06
	35.0	32.0	158.30	13.62	150.20	12.67	145.30	12.06	140.40	11.45	129.20	10.18	117.90	8.99
	39.0	36.0	160.10	12.93	150.20	11.73	145.30	11.17	140.40	10.61	129.20	9.46	117.90	8.36
	44.0	40.0	160.10	11.99	150.20	10.89	145.30	10.38	140.40	9.87	129.20	8.81	117.90	7.81
	47.0	43.0	160.10	11.55	150.20	10.50	145.30	10.01	140.40	9.52	129.20	8.51	117.90	7.55
	51.0	47.0	160.10	10.76	150.20	9.80	145.30	9.35	140.40	8.90	129.20	7.98	117.90	7.09
	54.0	50.0	160.10	10.05	150.20	9.17	145.30	8.76	140.40	8.34	129.20	7.50	117.90	6.69
	57.0	53.0	160.10	9.13	150.20	8.36	145.30	7.99	140.40	7.63	129.20	6.89	117.90	6.17
	60.0	56.0	160.10	8.60	150.20	7.89	145.30	7.56	140.40	7.22	129.20	6.54	117.90	5.87
120	-21.8	-22.0	81.40	12.01	79.60	12.30	78.60	12.45	77.70	12.59	75.70	12.89	73.60	13.18
	-17.8	-18.0	88.10	12.30	86.20	12.59	85.30	12.74	84.40	12.89	82.40	13.18	80.30	13.47
	-12.6	-13.0	98.10	12.74	96.30	13.03	95.40	13.18	94.50	13.33	91.60	13.62	86.40	13.62
	-7.1	-7.6	108.20	13.18	106.30	13.47	104.80	13.62	102.00	13.62	96.80	13.62	91.60	13.62
	-3.6	-4.0	114.80	13.47	111.00	13.62	108.20	13.62	105.40	13.62	100.20	13.62	95.00	13.62
	-1.8	-2.2	116.60	13.62	112.80	13.62	109.90	13.62	107.10	13.62	102.00	13.62	96.80	13.62
	2.0	1.0	120.10	13.62	116.20	13.62	113.40	13.62	110.60	13.62	105.40	13.62	100.20	13.62
	6.0	5.0	125.30	13.62	121.40	13.62	118.60	13.62	115.80	13.62	110.60	13.62	105.40	13.62
	10.0	9.0	128.70	13.62	124.80	13.62	122.00	13.62	119.20	13.62	114.00	13.62	108.90	13.18
	13.0	12.0	130.50	13.62	126.60	13.62	123.80	13.62	121.00	13.62	115.80	13.62	108.90	12.65
	17.0	15.0	135.60	13.62	131.80	13.62	129.00	13.62	126.10	13.62	119.20	12.76	108.90	11.19
	19.0	18.0	137.40	13.62	133.50	13.62	130.70	13.62	127.90	13.62	119.20	12.25	108.90	10.75
	23.0	21.0	140.80	13.62	136.90	13.62	134.10	13.46	129.60	12.76	119.20	11.31	108.90	9.93
	26.0	24.0	144.30	13.62	138.70	13.07	134.10	12.42	129.60	11.78	119.20	10.45	108.90	9.18
	30.0	28.0	147.70	13.34	138.70	12.07	134.10	11.47	129.60	10.89	119.20	9.67	108.90	8.51
	35.0	32.0	147.70	11.86	138.70	10.75	134.10	10.22	129.60	9.71	119.20	8.64	108.90	7.62
	39.0	36.0	147.70	10.99	138.70	9.97	134.10	9.49	129.60	9.02	119.20	8.04	108.90	7.10
	44.0	40.0	147.70	10.20	138.70	9.27	134.10	8.83	129.60	8.40	119.20	7.50	108.90	6.64
	47.0	43.0	147.70	9.84	138.70	8.95	134.10	8.53	129.60	8.11	119.20	7.25	108.90	6.43
	51.0	47.0	147.70	9.19	138.70	8.37	134.10	7.99	129.60	7.60	119.20	6.81	108.90	6.05
	54.0	50.0	147.70	8.60	138.70	7.86	134.10	7.50	129.60	7.14	119.20	6.42	108.90	5.72
	57.0	53.0	147.70	7.85	138.70	7.19	134.10	6.88	129.60	6.56	119.20	5.92	108.90	5.30
	60.0	56.0	147.70	7.42	138.70	6.81	134.10	6.52	129.60	6.22	119.20	5.63	108.90	5.06
110	-21.8	-22.0	78.90	12.30	77.20	12.45	76.40	12.59	75.60	12.74	73.70	13.03	69.30	12.89
	-17.8	-18.0	85.60	12.59	83.90	12.74	83.10	12.89	82.30	13.03	80.40	13.33	76.00	13.18
	-12.6	-13.0	95.60	13.03	94.00	13.18	93.20	13.33	92.30	13.47	88.60	13.62	86.00	13.62
	-7.1	-7.6	105.70	13.47	102.90	13.62	100.50	13.62	98.10	13.62	93.70	13.62	91.20	13.62
	-3.6	-4.0	109.50	13.62	106.40	13.62	104.00	13.62	101.50	13.62	97.20	13.62	94.60	13.62
	-1.8	-2.2	111.20	13.62	108.10	13.62	105.70	13.62	103.20	13.62	98.90	13.62	96.30	13.62
	2.0	1.0	114.70	13.62	111.60	13.62	109.10	13.62	106.70	13.62	102.40	13.62	99.80	13.62
	6.0	5.0	119.90	13.62	116.80	13.62	114.30	13.62	111.90	13.62	107.60	13.62	99.80	12.03
	10.0	9.0	123.30	13.62	120.20	13.62	117.80	13.62	115.30	13.62	109.30	12.64	99.80	11.08
	13.0	12.0	125.10	13.62	121.90	13.62	119.50	13.62	117.10	13.62	109.30	12.13	99.80	10.64
	17.0	15.0	130.20	13.62	127.10	13.51	123.00	12.82	118.80	12.16	109.30	10.74	99.80	9.42
	19.0	18.0	132.00	13.62	127.10	12.97	123.00	12.31	118.80	11.68	109.30	10.32	99.80	9.05
	23.0	21.0	135.40	13.23	127.10	11.96	123.00	11.35	118.80	10.78	109.30	9.53	99.80	8.37
	26.0	24.0	135.40	12.21	127.10	11.04	123.00	10.49	118.80	9.96	109.30	8.81	99.80	7.75
	30.0	28.0	135.40	11.28	127.10	10.21	123.00	9.70	118.80	9.21	109.30	8.16	99.80	7.19
	35.0	32.0	135.40	10.05	127.10	9.11	123.00	8.66	118.80	8.23	109.30	7.31	99.80	6.45
	39.0	36.0	135.40	9.33	127.10	8.46	123.00	8.05	118.80	7.66	109.30	6.82	99.80	6.02
	44.0	40.0	135.40	8.68	127.10	7.89	123.00	7.51	118.80	7.15	109.30	6.37	99.80	5.64
	47.0	43.0	135.40	8.38	127.10	7.62	123.00	7.26	118.80	6.91	109.30	6.17	99.80	5.47
	51.0	47.0	135.40	7.84	127.10	7.14	123.00	6.81	118.80	6.49	109.30	5.81	99.80	5.16
	54.0	50.0	135.40	7.37	127.10	6.72	123.00	6.42	118.80	6.12	109.30	5.49	99.80	4.89
	57.0	53.0	135.40	6.75	127.10	6.18	123.00	5.91	118.80	5.64	109.30	5.08	99.80	4.54
	60.0	56.0	135.40	6.40	127.10	5.87	123.00	5.62	118.80	5.37	109.30	4.85	99.80	4.35

1) The performance table shows the average value of each condition.
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1. Capacity table

VPC/VRC096S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	76.40	12.59	74.90	12.74	74.20	12.74	73.40	12.86	69.10	12.74	64.80	12.59
	-17.8	-18.0	83.10	12.89	81.60	13.03	80.90	13.03	80.10	13.16	75.80	13.03	71.50	12.89
	-12.6	-13.0	93.20	13.33	91.70	13.47	90.90	13.47	90.20	13.60	85.80	13.47	81.50	13.33
	-7.1	-7.6	100.70	13.62	98.30	13.62	96.20	13.62	95.90	13.62	92.40	13.62	89.00	13.62
	-3.6	-4.0	104.10	13.62	101.70	13.62	99.70	13.62	99.40	13.62	95.90	13.62	90.70	12.91
	-1.8	-2.2	105.80	13.62	103.50	13.62	101.40	13.62	101.10	13.62	97.60	13.62	90.70	12.38
	2.0	1.0	109.30	13.62	106.90	13.62	104.90	13.62	104.50	13.62	99.40	13.02	90.70	11.40
	6.0	5.0	114.50	13.62	112.10	13.62	110.10	13.62	108.00	13.02	99.40	11.50	90.70	10.07
	10.0	9.0	117.90	13.62	115.60	13.33	111.80	12.67	108.00	11.99	99.40	10.59	90.70	9.28
	13.0	12.0	119.70	13.62	115.60	12.79	111.80	12.16	108.00	11.50	99.40	10.17	90.70	8.91
	17.0	15.0	123.10	12.55	115.60	11.32	111.80	10.76	108.00	10.18	99.40	9.01	90.70	7.90
	19.0	18.0	123.10	12.05	115.60	10.87	111.80	10.33	108.00	9.78	99.40	8.65	90.70	7.60
	23.0	21.0	123.10	11.12	115.60	10.03	111.80	9.54	108.00	9.03	99.40	8.00	90.70	7.03
	26.0	24.0	123.10	10.27	115.60	9.27	111.80	8.82	108.00	8.36	99.40	7.41	90.70	6.51
	30.0	28.0	123.10	9.50	115.60	8.59	111.80	8.17	108.00	7.74	99.40	6.87	90.70	6.05
	35.0	32.0	123.10	8.48	115.60	7.68	111.80	7.31	108.00	6.94	99.40	6.17	90.70	5.45
	39.0	36.0	123.10	7.89	115.60	7.15	111.80	6.81	108.00	6.47	99.40	5.76	90.70	5.09
	44.0	40.0	123.10	7.35	115.60	6.68	111.80	6.37	108.00	6.05	99.40	5.40	90.70	4.78
	47.0	43.0	123.10	7.11	115.60	6.46	111.80	6.16	108.00	5.86	99.40	5.23	90.70	4.64
	51.0	47.0	123.10	6.67	115.60	6.07	111.80	5.80	108.00	5.52	99.40	4.94	90.70	4.39
	54.0	50.0	123.10	6.28	115.60	5.73	111.80	5.47	108.00	5.22	99.40	4.67	90.70	4.17
	57.0	53.0	123.10	5.79	115.60	5.29	111.80	5.06	108.00	4.83	99.40	4.34	90.70	3.89
	60.0	56.0	123.10	5.50	115.60	5.04	111.80	4.83	108.00	4.62	99.40	4.16	90.70	3.73
90	-21.8	-22.0	74.00	12.89	71.40	12.74	69.70	12.74	68.00	12.74	64.10	12.59	60.20	11.45
	-17.8	-18.0	80.70	13.18	78.10	13.03	76.40	13.03	74.70	13.03	70.80	12.89	66.90	11.74
	-12.6	-13.0	90.10	13.62	88.20	13.47	86.50	13.47	84.80	13.47	80.90	13.33	77.00	12.18
	-7.1	-7.6	95.30	13.62	93.60	13.62	92.00	13.62	90.30	13.62	87.70	13.62	81.70	11.97
	-3.6	-4.0	98.70	13.62	97.10	13.62	95.40	13.62	93.70	13.62	89.40	12.57	81.70	11.02
	-1.8	-2.2	100.40	13.62	98.80	13.62	97.10	13.62	95.50	13.62	89.40	12.06	81.70	10.57
	2.0	1.0	103.90	13.62	102.30	13.62	100.60	13.30	97.20	12.57	89.40	11.10	81.70	9.73
	6.0	5.0	109.10	13.62	104.00	12.37	100.60	11.75	97.20	11.10	89.40	9.81	81.70	8.60
	10.0	9.0	110.80	12.63	104.00	11.39	100.60	10.82	97.20	10.23	89.40	9.04	81.70	7.93
	13.0	12.0	110.80	12.12	104.00	10.93	100.60	10.38	97.20	9.82	89.40	8.68	81.70	7.62
	17.0	15.0	110.80	10.72	104.00	9.68	100.60	9.20	97.20	8.70	89.40	7.70	81.70	6.76
	19.0	18.0	110.80	10.30	104.00	9.30	100.60	8.84	97.20	8.36	89.40	7.40	81.70	6.50
	23.0	21.0	110.80	9.51	104.00	8.59	100.60	8.17	97.20	7.73	89.40	6.85	81.70	6.02
	26.0	24.0	110.80	8.79	104.00	7.95	100.60	7.56	97.20	7.16	89.40	6.35	81.70	5.59
	30.0	28.0	110.80	8.15	104.00	7.37	100.60	7.01	97.20	6.65	89.40	5.90	81.70	5.20
	35.0	32.0	110.80	7.29	104.00	6.61	100.60	6.29	97.20	5.97	89.40	5.31	81.70	4.69
	39.0	36.0	110.80	6.80	104.00	6.17	100.60	5.87	97.20	5.58	89.40	4.97	81.70	4.40
	44.0	40.0	110.80	6.35	104.00	5.77	100.60	5.50	97.20	5.23	89.40	4.67	81.70	4.14
	47.0	43.0	110.80	6.15	104.00	5.59	100.60	5.33	97.20	5.07	89.40	4.53	81.70	4.02
	51.0	47.0	110.80	5.79	104.00	5.27	100.60	5.03	97.20	4.79	89.40	4.29	81.70	3.81
	54.0	50.0	110.80	5.47	104.00	4.98	100.60	4.76	97.20	4.54	89.40	4.07	81.70	3.63
	57.0	53.0	110.80	5.06	104.00	4.62	100.60	4.42	97.20	4.22	89.40	3.80	81.70	3.40
	60.0	56.0	110.80	4.83	104.00	4.42	100.60	4.23	97.20	4.04	89.40	3.65	81.70	3.27
80	-21.8	-22.0	68.70	12.89	65.60	12.74	64.10	12.59	62.60	11.85	59.20	10.99	55.70	10.10
	-17.8	-18.0	75.40	13.18	72.30	13.03	70.80	12.89	69.30	12.14	65.90	11.28	62.40	10.40
	-12.6	-13.0	84.70	13.62	82.40	13.47	80.90	13.33	79.40	12.58	75.90	11.72	72.40	10.84
	-7.1	-7.6	89.90	13.62	89.00	13.62	87.70	13.62	86.40	13.02	79.50	11.52	72.60	10.11
	-3.6	-4.0	93.30	13.62	92.50	13.36	89.40	12.65	86.40	11.99	79.50	10.61	72.60	9.31
	-1.8	-2.2	95.00	13.62	92.50	12.81	89.40	12.14	86.40	11.50	79.50	10.18	72.60	8.93
	2.0	1.0	98.50	13.07	92.50	11.80	89.40	11.18	86.40	10.59	79.50	9.37	72.60	8.22
	6.0	5.0	98.50	11.54	92.50	10.42	89.40	9.88	86.40	9.36	79.50	8.28	72.60	7.27
	10.0	9.0	98.50	10.63	92.50	9.60	89.40	9.10	86.40	8.62	79.50	7.64	72.60	6.71
	13.0	12.0	98.50	10.21	92.50	9.22	89.40	8.74	86.40	8.28	79.50	7.34	72.60	6.44
	17.0	15.0	98.50	9.04	92.50	8.17	89.40	7.75	86.40	7.35	79.50	6.51	72.60	5.72
	19.0	18.0	98.50	8.69	92.50	7.86	89.40	7.45	86.40	7.06	79.50	6.26	72.60	5.51
	23.0	21.0	98.50	8.03	92.50	7.27	89.40	6.89	86.40	6.54	79.50	5.80	72.60	5.11
	26.0	24.0	98.50	7.44	92.50	6.73	89.40	6.39	86.40	6.06	79.50	5.39	72.60	4.74
	30.0	28.0	98.50	6.90	92.50	6.25	89.40	5.94	86.40	5.64	79.50	5.01	72.60	4.42
	35.0	32.0	98.50	6.20	92.50	5.63	89.40	5.35	86.40	5.08	79.50	4.53	72.60	4.00
	39.0	36.0	98.50	5.79	92.50	5.26	89.40	5.00	86.40	4.76	79.50	4.24	72.60	3.75
	44.0	40.0	98.50	5.43	92.50	4.94	89.40	4.70	86.40	4.47	79.50	3.99	72.60	3.54
	47.0	43.0	98.50	5.26	92.50	4.79	89.40	4.56	86.40	4.34	79.50	3.88	72.60	3.44
	51.0	47.0	98.50	4.97	92.50	4.53	89.40	4.31	86.40	4.11	79.50	3.68	72.60	3.27
	54.0	50.0	98.50	4.71	92.50	4.30	89.40	4.10	86.40	3.91	79.50	3.50	72.60	3.12
	57.0	53.0	98.50	4.37	92.50	4.01	89.40	3.82	86.40	3.65	79.50	3.28	72.60	2.93
	60.0	56.0	98.50	4.19	92.50	3.84	89.40	3.67	86.40	3.51	79.50	3.16	72.60	2.82

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC096S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	62.50	12.59	59.90	11.51	58.50	11.51	57.20	10.84	54.20	10.09	51.20	9.30
	-17.8	-18.0	69.20	12.89	66.60	11.81	65.20	11.80	63.90	11.13	60.90	10.38	57.90	9.59
	-12.6	-13.0	79.20	13.33	76.60	12.25	75.30	12.24	74.00	11.57	69.60	10.82	63.50	9.49
	-7.1	-7.6	86.20	13.32	80.90	12.03	78.30	11.41	75.60	10.79	69.60	9.56	63.50	8.38
	-3.6	-4.0	86.20	12.26	80.90	11.08	78.30	10.50	75.60	9.93	69.60	8.80	63.50	7.71
	-1.8	-2.2	86.20	11.77	80.90	10.63	78.30	10.07	75.60	9.53	69.60	8.44	63.50	7.40
	2.0	1.0	86.20	10.83	80.90	9.78	78.30	9.27	75.60	8.77	69.60	7.77	63.50	6.82
	6.0	5.0	86.20	9.57	80.90	8.65	78.30	8.20	75.60	7.76	69.60	6.87	63.50	6.03
	10.0	9.0	86.20	8.82	80.90	7.97	78.30	7.56	75.60	7.15	69.60	6.34	63.50	5.57
	13.0	12.0	86.20	8.47	80.90	7.66	78.30	7.26	75.60	6.87	69.60	6.09	63.50	5.35
	17.0	15.0	86.20	7.51	80.90	6.80	78.30	6.45	75.60	6.10	69.60	5.42	63.50	4.76
	19.0	18.0	86.20	7.23	80.90	6.54	78.30	6.20	75.60	5.87	69.60	5.21	63.50	4.58
	23.0	21.0	86.20	6.69	80.90	6.05	78.30	5.75	75.60	5.44	69.60	4.83	63.50	4.25
	26.0	24.0	86.20	6.20	80.90	5.62	78.30	5.34	75.60	5.06	69.60	4.49	63.50	3.96
	30.0	28.0	86.20	5.77	80.90	5.23	78.30	4.97	75.60	4.71	69.60	4.19	63.50	3.69
	35.0	32.0	86.20	5.20	80.90	4.72	78.30	4.49	75.60	4.26	69.60	3.79	63.50	3.35
	39.0	36.0	86.20	4.87	80.90	4.42	78.30	4.21	75.60	4.00	69.60	3.56	63.50	3.15
	44.0	40.0	86.20	4.57	80.90	4.16	78.30	3.96	75.60	3.77	69.60	3.36	63.50	2.98
	47.0	43.0	86.20	4.44	80.90	4.04	78.30	3.85	75.60	3.66	69.60	3.27	63.50	2.90
	51.0	47.0	86.20	4.20	80.90	3.83	78.30	3.65	75.60	3.48	69.60	3.11	63.50	2.76
	54.0	50.0	86.20	4.00	80.90	3.65	78.30	3.48	75.60	3.31	69.60	2.97	63.50	2.64
	57.0	53.0	86.20	3.73	80.90	3.41	78.30	3.26	75.60	3.11	69.60	2.79	63.50	2.49
	60.0	56.0	86.20	3.59	80.90	3.28	78.30	3.14	75.60	3.00	69.60	2.69	63.50	2.40
60	-21.8	-22.0	56.40	10.87	54.10	10.29	53.00	9.73	51.80	9.74	49.20	8.57	46.60	7.93
	-17.8	-18.0	63.00	11.16	60.80	10.58	59.60	10.02	58.50	10.04	55.90	8.86	53.30	8.22
	-12.6	-13.0	73.10	11.60	69.30	11.02	67.10	10.46	64.80	9.91	59.60	8.78	54.40	7.71
	-7.1	-7.6	73.90	10.82	69.30	9.73	67.10	9.24	64.80	8.75	59.60	7.76	54.40	6.80
	-3.6	-4.0	73.90	9.96	69.30	8.96	67.10	8.51	64.80	8.06	59.60	7.14	54.40	6.27
	-1.8	-2.2	73.90	9.55	69.30	8.60	67.10	8.16	64.80	7.73	59.60	6.85	54.40	6.01
	2.0	1.0	73.90	8.80	69.30	7.92	67.10	7.52	64.80	7.12	59.60	6.31	54.40	5.54
	6.0	5.0	73.90	7.78	69.30	7.00	67.10	6.65	64.80	6.30	59.60	5.59	54.40	4.91
	10.0	9.0	73.90	7.17	69.30	6.46	67.10	6.14	64.80	5.81	59.60	5.16	54.40	4.53
	13.0	12.0	73.90	6.89	69.30	6.21	67.10	5.90	64.80	5.59	59.60	4.96	54.40	4.36
	17.0	15.0	73.90	6.12	69.30	5.52	67.10	5.24	64.80	4.97	59.60	4.42	54.40	3.88
	19.0	18.0	73.90	5.89	69.30	5.31	67.10	5.05	64.80	4.79	59.60	4.25	54.40	3.74
	23.0	21.0	73.90	5.46	69.30	4.93	67.10	4.68	64.80	4.44	59.60	3.95	54.40	3.48
	26.0	24.0	73.90	5.08	69.30	4.58	67.10	4.36	64.80	4.14	59.60	3.68	54.40	3.24
	30.0	28.0	73.90	4.73	69.30	4.27	67.10	4.06	64.80	3.86	59.60	3.44	54.40	3.03
	35.0	32.0	73.90	4.28	69.30	3.87	67.10	3.68	64.80	3.50	59.60	3.12	54.40	2.76
	39.0	36.0	73.90	4.02	69.30	3.64	67.10	3.46	64.80	3.30	59.60	2.94	54.40	2.60
	44.0	40.0	73.90	3.79	69.30	3.43	67.10	3.27	64.80	3.11	59.60	2.78	54.40	2.46
	47.0	43.0	73.90	3.68	69.30	3.34	67.10	3.18	64.80	3.03	59.60	2.71	54.40	2.40
	51.0	47.0	73.90	3.50	69.30	3.18	67.10	3.03	64.80	2.89	59.60	2.58	54.40	2.29
	54.0	50.0	73.90	3.34	69.30	3.03	67.10	2.89	64.80	2.76	59.60	2.47	54.40	2.20
	57.0	53.0	73.90	3.13	69.30	2.85	67.10	2.72	64.80	2.60	59.60	2.34	54.40	2.08
	60.0	56.0	73.90	3.02	69.30	2.75	67.10	2.63	64.80	2.51	59.60	2.26	54.40	2.01
50	-21.8	-22.0	50.20	9.44	48.30	9.00	47.40	8.55	46.40	8.04	44.30	7.55	42.10	7.02
	-17.8	-18.0	56.90	9.74	55.00	9.29	54.10	8.84	53.10	8.33	49.70	7.84	45.40	6.87
	-12.6	-13.0	61.60	9.62	57.80	8.69	55.90	8.28	54.00	7.81	49.70	6.93	45.40	6.07
	-7.1	-7.6	61.60	8.50	57.80	7.68	55.90	7.31	54.00	6.90	49.70	6.12	45.40	5.36
	-3.6	-4.0	61.60	7.82	57.80	7.07	55.90	6.73	54.00	6.35	49.70	5.63	45.40	4.94
	-1.8	-2.2	61.60	7.51	57.80	6.78	55.90	6.46	54.00	6.09	49.70	5.41	45.40	4.74
	2.0	1.0	61.60	6.92	57.80	6.25	55.90	5.95	54.00	5.61	49.70	4.98	45.40	4.37
	6.0	5.0	61.60	6.12	57.80	5.53	55.90	5.27	54.00	4.97	49.70	4.42	45.40	3.87
	10.0	9.0	61.60	5.65	57.80	5.11	55.90	4.86	54.00	4.59	49.70	4.08	45.40	3.58
	13.0	12.0	61.60	5.43	57.80	4.91	55.90	4.68	54.00	4.42	49.70	3.92	45.40	3.44
	17.0	15.0	61.60	4.84	57.80	4.37	55.90	4.17	54.00	3.94	49.70	3.50	45.40	3.07
	19.0	18.0	61.60	4.66	57.80	4.21	55.90	4.01	54.00	3.79	49.70	3.37	45.40	2.96
	23.0	21.0	61.60	4.32	57.80	3.91	55.90	3.73	54.00	3.53	49.70	3.14	45.40	2.76
	26.0	24.0	61.60	4.03	57.80	3.65	55.90	3.48	54.00	3.29	49.70	2.93	45.40	2.58
	30.0	28.0	61.60	3.76	57.80	3.41	55.90	3.25	54.00	3.08	49.70	2.74	45.40	2.41
	35.0	32.0	61.60	3.41	57.80	3.10	55.90	2.96	54.00	2.80	49.70	2.50	45.40	2.20
	39.0	36.0	61.60	3.22	57.80	2.92	55.90	2.79	54.00	2.64	49.70	2.36	45.40	2.08
	44.0	40.0	61.60	3.04	57.80	2.76	55.90	2.64	54.00	2.50	49.70	2.24	45.40	1.98
	47.0	43.0	61.60	2.96	57.80	2.69	55.90	2.57	54.00	2.44	49.70	2.18	45.40	1.93
	51.0	47.0	61.60	2.82	57.80	2.57	55.90	2.45	54.00	2.33	49.70	2.08	45.40	1.85
	54.0	50.0	61.60	2.70	57.80	2.46	55.90	2.35	54.00	2.23	49.70	2.00	45.40	1.78
	57.0	53.0	61.60	2.55	57.80	2.32	55.90	2.22	54.00	2.11	49.70	1.89	45.40	1.68
	60.0	56.0	61.60	2.46	57.80	2.25	55.90	2.15	54.00	2.05	49.70	1.84	45.40	1.63

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPCVRC120S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	101.40	2.15	123.20	2.94	145.10	3.71	156.00	4.18	177.80	4.89	202.42	5.39	215.18	5.83
	10	101.40	2.26	123.20	3.06	145.10	3.84	156.00	4.31	177.80	5.02	200.42	5.50	213.05	5.92
	14	101.40	2.38	123.20	3.19	145.10	3.98	156.00	4.44	177.80	5.15	198.43	5.61	210.94	6.01
	23	101.40	2.50	123.20	3.32	145.10	4.12	156.00	4.58	177.80	5.28	196.47	5.72	208.85	6.10
	27	101.40	2.63	123.20	3.46	145.10	4.27	156.00	4.72	177.80	5.42	194.52	5.84	206.78	6.19
	32	101.40	2.77	123.20	3.60	145.10	4.42	156.00	4.87	177.80	5.56	192.59	5.96	204.73	6.28
	37	101.40	2.92	123.20	3.75	145.10	4.58	156.00	5.02	177.80	5.70	190.69	6.08	202.71	6.38
	41	101.40	3.07	123.20	3.91	145.10	4.75	156.00	5.18	177.80	5.85	188.80	6.20	200.70	6.48
	46	101.40	3.13	123.20	3.98	145.10	4.83	156.00	5.26	177.80	5.97	188.50	6.32	198.90	6.57
	50	101.40	3.19	123.20	4.05	145.10	4.91	156.00	5.34	177.80	6.08	187.30	6.39	197.70	6.66
	54	101.40	3.29	123.20	4.16	145.10	5.02	156.00	5.46	177.80	6.22	186.10	6.49	196.50	6.81
	57	101.40	3.40	123.20	4.26	145.10	5.14	156.00	5.59	177.80	6.41	184.90	6.65	195.30	6.97
	61	101.40	3.49	123.20	4.40	145.10	5.31	156.00	5.78	177.80	6.61	183.70	6.80	194.10	7.18
	64	101.40	3.65	123.20	4.56	145.10	5.49	156.00	5.96	177.30	6.84	182.50	7.02	192.90	7.44
	68	101.40	3.79	123.20	4.73	145.10	5.70	156.00	6.22	176.10	7.09	181.30	7.30	191.70	7.82
	72	101.40	3.96	123.20	4.93	145.10	5.97	156.00	6.54	174.90	7.42	180.10	7.68	190.50	8.26
	75	101.40	4.14	123.20	5.15	145.10	6.30	156.00	6.93	173.70	7.84	178.90	8.11	189.30	8.83
	79	101.40	4.32	123.20	5.45	145.10	6.70	156.00	7.40	172.50	8.31	177.70	8.66	188.10	9.45
	82	101.40	4.60	123.20	5.78	145.10	7.15	156.00	7.92	171.30	8.91	176.50	9.27	186.90	10.16
	86	101.40	4.84	123.20	6.18	145.10	7.70	156.00	8.58	170.10	9.51	175.30	9.91	182.90	10.76
	90	101.40	5.21	123.20	6.63	145.10	8.36	156.00	9.25	164.20	9.79	168.50	10.21	176.00	11.14
	93	101.40	5.56	123.20	7.24	145.10	9.00	152.50	9.63	157.40	10.07	161.80	10.54	169.10	11.28
	95	101.40	5.85	123.20	7.54	145.10	9.32	149.00	9.71	154.00	10.21	158.40	10.68	165.70	11.12
	99	101.40	6.42	123.20	8.13	138.50	9.49	142.00	9.92	147.20	10.45	151.70	10.78	158.80	10.80
	102	101.40	6.97	123.20	8.78	131.90	9.70	135.10	10.08	140.40	10.39	145.00	10.49	151.80	10.49
	106	101.40	7.52	123.20	9.59	125.30	9.88	128.10	10.15	133.60	10.10	138.20	10.21	144.90	10.19
	111	101.40	8.66	112.10	9.75	115.50	9.86	117.60	9.80	123.40	9.71	128.10	9.84	134.60	9.77
	115	101.40	9.58	104.70	9.83	108.90	9.69	110.60	9.57	116.60	9.49	121.40	9.62	127.60	9.53
	118	93.30	9.63	97.30	9.64	102.30	9.58	103.60	9.39	109.80	9.32	111.30	9.10	114.40	8.69
	120	89.20	9.64	93.70	9.59	99.00	9.56	100.10	9.33	103.10	8.88	104.60	8.67	107.80	8.26
	122	83.80	9.16	88.10	9.11	93.10	9.08	94.10	8.86	96.90	8.44	98.30	8.24	101.30	7.85
120	5	93.60	1.99	113.80	2.71	133.90	3.39	144.00	3.82	164.20	4.49	174.20	4.92	208.42	5.66
	10	93.60	2.09	113.80	2.82	133.90	3.51	144.00	3.94	164.20	4.60	174.20	5.02	206.36	5.75
	14	93.60	2.20	113.80	2.94	133.90	3.64	144.00	4.06	164.20	4.72	174.20	5.12	204.32	5.84
	23	93.60	2.32	113.80	3.06	133.90	3.77	144.00	4.19	164.20	4.84	174.20	5.22	202.29	5.93
	27	93.60	2.44	113.80	3.19	133.90	3.91	144.00	4.32	164.20	4.96	174.20	5.33	200.29	6.02
	32	93.60	2.57	113.80	3.32	133.90	4.05	144.00	4.45	164.20	5.09	174.20	5.44	198.31	6.11
	37	93.60	2.70	113.80	3.46	133.90	4.20	144.00	4.59	164.20	5.22	174.20	5.55	196.34	6.20
	41	93.60	2.84	113.80	3.60	133.90	4.35	144.00	4.73	164.20	5.35	174.20	5.66	194.40	6.29
	46	93.60	2.91	113.80	3.66	133.90	4.42	144.00	4.80	164.20	5.45	174.20	5.77	194.40	6.43
	50	93.60	2.96	113.80	3.72	133.90	4.49	144.00	4.87	164.20	5.54	174.20	5.87	193.60	6.52
	54	93.60	3.03	113.80	3.80	133.90	4.58	144.00	4.97	164.20	5.65	174.20	6.00	192.40	6.63
	57	93.60	3.12	113.80	3.89	133.90	4.68	144.00	5.08	164.20	5.80	174.20	6.17	191.20	6.78
	61	93.60	3.20	113.80	4.00	133.90	4.82	144.00	5.24	164.20	5.98	174.20	6.37	190.00	6.95
	64	93.60	3.32	113.80	4.14	133.90	4.98	144.00	5.40	164.20	6.19	174.20	6.60	188.80	7.19
	68	93.60	3.43	113.80	4.28	133.90	5.16	144.00	5.61	164.20	6.46	174.20	6.90	187.60	7.49
	72	93.60	3.57	113.80	4.45	133.90	5.38	144.00	5.88	164.20	6.79	174.20	7.28	186.40	7.89
	75	93.60	3.74	113.80	4.66	133.90	5.67	144.00	6.21	164.20	7.22	173.70	7.73	185.20	8.38
	79	93.60	3.91	113.80	4.93	133.90	6.02	144.00	6.64	164.20	7.73	172.50	8.22	184.00	8.98
	82	93.60	4.16	113.80	5.22	133.90	6.45	144.00	7.13	164.20	8.34	171.30	8.81	182.80	9.61
	86	93.60	4.39	113.80	5.58	133.90	6.93	144.00	7.71	164.20	9.02	170.10	9.42	178.00	10.03
	90	93.60	4.70	113.80	5.98	133.90	7.53	144.00	8.35	160.80	9.47	164.40	9.72	171.40	10.34
	93	93.60	5.01	113.80	6.51	133.90	8.15	144.00	9.02	154.10	9.66	157.90	9.97	164.80	10.64
	95	93.60	5.25	113.80	6.79	133.90	8.47	144.00	9.35	150.70	9.77	154.60	10.09	161.60	10.76
	99	93.60	5.75	113.80	7.37	133.90	9.12	137.80	9.54	144.00	9.96	148.10	10.31	155.00	10.62
	102	93.60	6.27	113.80	7.97	130.50	9.56	131.70	9.72	137.30	10.09	141.60	10.33	148.40	10.34
	106	93.60	6.82	113.80	8.69	123.50	9.65	125.50	9.87	130.60	9.94	135.10	10.05	141.80	10.07
	111	93.60	7.85	110.40	9.50	113.10	9.65	116.30	9.78	120.50	9.56	125.30	9.71	132.00	9.71
	115	93.60	8.63	103.60	9.59	106.20	9.46	110.20	9.66	113.80	9.36	118.70	9.52	125.40	9.51
	118	93.60	9.55	96.90	9.53	99.30	9.31	104.00	9.61	107.10	9.20	108.80	9.02	112.20	8.66
	120	89.00	9.45	93.50	9.53	95.80	9.27	97.20	9.15	100.40	8.76	102.10	8.59	105.60	8.24
	122	83.70	8.98	87.90	9.05	90.10	8.81	91.40	8.69	94.40	8.32	96.00	8.16	99.30	7.83

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC120S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	85.80	1.83	104.30	2.47	122.80	3.08	132.00	3.46	150.50	4.06	159.70	4.47	178.20	5.14
	10	85.80	1.93	104.30	2.57	122.80	3.19	132.00	3.57	150.50	4.16	159.70	4.56	178.20	5.22
	14	85.80	2.03	104.30	2.68	122.80	3.31	132.00	3.68	150.50	4.27	159.70	4.65	178.20	5.30
	23	85.80	2.14	104.30	2.79	122.80	3.43	132.00	3.79	150.50	4.38	159.70	4.74	178.20	5.38
	27	85.80	2.25	104.30	2.91	122.80	3.55	132.00	3.91	150.50	4.49	159.70	4.84	178.20	5.46
	32	85.80	2.37	104.30	3.03	122.80	3.68	132.00	4.03	150.50	4.61	159.70	4.94	178.20	5.54
	37	85.80	2.49	104.30	3.16	122.80	3.81	132.00	4.15	150.50	4.73	159.70	5.04	178.20	5.62
	41	85.80	2.62	104.30	3.29	122.80	3.95	132.00	4.28	150.50	4.85	159.70	5.14	178.20	5.71
	46	85.80	2.68	104.30	3.35	122.80	4.01	132.00	4.35	150.50	4.93	159.70	5.22	178.20	5.81
	50	85.80	2.73	104.30	3.40	122.80	4.07	132.00	4.41	150.50	5.00	159.70	5.30	178.20	5.91
	54	85.80	2.78	104.30	3.46	122.80	4.14	132.00	4.49	150.50	5.10	159.70	5.41	178.20	6.04
	57	85.80	2.84	104.30	3.53	122.80	4.23	132.00	4.58	150.50	5.22	159.70	5.54	178.20	6.20
	61	85.80	2.91	104.30	3.62	122.80	4.34	132.00	4.71	150.50	5.37	159.70	5.70	178.20	6.40
	64	85.80	3.00	104.30	3.72	122.80	4.47	132.00	4.86	150.50	5.54	159.70	5.90	178.20	6.64
	68	85.80	3.08	104.30	3.83	122.80	4.63	132.00	5.03	150.50	5.76	159.70	6.15	178.20	6.96
	72	85.80	3.19	104.30	3.99	122.80	4.82	132.00	5.25	150.50	6.04	159.70	6.46	178.20	7.35
	75	85.80	3.34	104.30	4.17	122.80	5.07	132.00	5.53	150.50	6.40	159.70	6.86	178.20	7.84
	79	85.80	3.51	104.30	4.41	122.80	5.37	132.00	5.90	150.50	6.85	159.70	7.36	177.30	8.40
	82	85.80	3.73	104.30	4.68	122.80	5.76	132.00	6.36	150.50	7.40	159.70	7.95	176.10	9.00
	86	85.80	3.96	104.30	5.00	122.80	6.21	132.00	6.89	150.50	8.01	159.70	8.60	174.90	9.63
	90	85.80	4.21	104.30	5.37	122.80	6.73	132.00	7.48	150.50	8.67	159.70	9.30	168.50	9.86
	93	85.80	4.49	104.30	5.81	122.80	7.30	132.00	8.12	150.50	9.36	153.50	9.50	162.00	10.08
	95	85.80	4.67	104.30	6.06	122.80	7.61	132.00	8.46	147.50	9.45	150.40	9.60	158.80	10.20
	99	85.80	5.10	104.30	6.60	122.80	8.25	132.00	9.10	141.40	9.63	144.10	9.78	152.30	10.38
	102	85.80	5.57	104.30	7.19	122.80	8.91	128.90	9.51	135.40	9.80	137.90	9.93	145.80	10.26
	106	85.80	6.13	104.30	7.83	122.80	9.61	122.70	9.60	129.30	9.89	131.70	9.87	139.40	10.01
	111	85.80	7.08	104.30	8.86	112.80	9.63	113.40	9.60	120.30	9.68	122.30	9.57	129.70	9.67
	115	85.80	7.74	104.00	9.57	106.20	9.54	107.20	9.48	114.20	9.56	116.10	9.42	123.20	9.48
	118	85.80	8.46	96.60	9.48	99.60	9.44	101.00	9.43	104.40	9.09	106.20	8.93	110.00	8.64
	120	84.80	8.74	89.90	9.01	92.60	8.97	94.20	8.97	97.70	8.65	99.60	8.50	103.30	8.22
	122	79.70	8.30	84.50	8.56	87.00	8.52	88.50	8.52	91.80	8.22	93.60	8.08	97.10	7.81
100	5	78.00	1.68	94.80	2.23	111.60	2.77	120.00	3.10	136.80	3.64	145.20	4.01	162.00	4.62
	10	78.00	1.77	94.80	2.32	111.60	2.87	120.00	3.20	136.80	3.73	145.20	4.09	162.00	4.69
	14	78.00	1.86	94.80	2.42	111.60	2.97	120.00	3.30	136.80	3.83	145.20	4.17	162.00	4.76
	23	78.00	1.96	94.80	2.52	111.60	3.08	120.00	3.40	136.80	3.93	145.20	4.25	162.00	4.83
	27	78.00	2.06	94.80	2.63	111.60	3.19	120.00	3.50	136.80	4.03	145.20	4.34	162.00	4.90
	32	78.00	2.17	94.80	2.74	111.60	3.31	120.00	3.61	136.80	4.13	145.20	4.43	162.00	4.97
	37	78.00	2.28	94.80	2.85	111.60	3.43	120.00	3.72	136.80	4.24	145.20	4.52	162.00	5.05
	41	78.00	2.40	94.80	2.97	111.60	3.55	120.00	3.84	136.80	4.35	145.20	4.61	162.00	5.13
	46	78.00	2.46	94.80	3.03	111.60	3.61	120.00	3.89	136.80	4.42	145.20	4.68	162.00	5.20
	50	78.00	2.50	94.80	3.07	111.60	3.65	120.00	3.94	136.80	4.47	145.20	4.73	162.00	5.27
	54	78.00	2.53	94.80	3.11	111.60	3.71	120.00	4.01	136.80	4.55	145.20	4.82	162.00	5.38
	57	78.00	2.57	94.80	3.17	111.60	3.78	120.00	4.09	136.80	4.65	145.20	4.93	162.00	5.50
	61	78.00	2.62	94.80	3.24	111.60	3.87	120.00	4.20	136.80	4.77	145.20	5.06	162.00	5.66
	64	78.00	2.68	94.80	3.32	111.60	3.98	120.00	4.32	136.80	4.92	145.20	5.22	162.00	5.86
	68	78.00	2.74	94.80	3.40	111.60	4.11	120.00	4.47	136.80	5.10	145.20	5.43	162.00	6.12
	72	78.00	2.81	94.80	3.53	111.60	4.27	120.00	4.65	136.80	5.33	145.20	5.69	162.00	6.44
	75	78.00	2.94	94.80	3.69	111.60	4.48	120.00	4.88	136.80	5.63	145.20	6.02	162.00	6.85
	79	78.00	3.11	94.80	3.90	111.60	4.74	120.00	5.18	136.80	6.00	145.20	6.44	162.00	7.37
	82	78.00	3.31	94.80	4.15	111.60	5.08	120.00	5.59	136.80	6.50	145.20	6.98	162.00	7.97
	86	78.00	3.52	94.80	4.43	111.60	5.50	120.00	6.10	136.80	7.06	145.20	7.56	162.00	8.62
	90	78.00	3.73	94.80	4.77	111.60	5.97	120.00	6.64	136.80	7.65	145.20	8.19	162.00	9.30
	93	78.00	3.97	94.80	5.15	111.60	6.48	120.00	7.21	136.80	8.32	145.20	8.86	158.80	9.69
	95	78.00	4.12	94.80	5.36	111.60	6.76	120.00	7.55	136.80	8.64	145.20	9.18	155.70	9.75
	99	78.00	4.46	94.80	5.84	111.60	7.40	120.00	8.20	136.80	9.27	142.00	9.54	149.40	9.90
	102	78.00	4.88	94.80	6.42	111.60	8.01	120.00	8.81	133.70	9.62	135.70	9.63	143.10	10.03
	106	78.00	5.43	94.80	7.02	111.60	8.62	120.00	9.44	127.40	9.68	129.40	9.69	136.80	9.93
	111	78.00	6.32	94.80	7.92	111.60	9.58	110.60	9.40	117.90	9.59	119.90	9.49	127.30	9.62
	115	78.00	6.90	94.80	8.52	106.10	9.64	104.30	9.30	111.70	9.45	113.60	9.33	121.00	9.46
	118	78.00	7.46	92.40	8.97	96.40	9.14	98.00	9.24	101.80	8.97	103.70	8.85	107.70	8.62
	120	78.00	7.74	86.30	8.49	89.50	8.68	91.20	8.79	95.00	8.53	97.00	8.42	101.10	8.20
	122	73.30	7.35	81.10	8.07	84.10	8.25	85.70	8.35	89.30	8.10	91.20	8.00	95.00	7.79

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC120S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	70.20	1.52	85.30	2.01	100.40	2.48	108.00	2.77	123.10	3.25	130.70	3.57	145.80	4.10
	10	70.20	1.60	85.30	2.09	100.40	2.57	108.00	2.86	123.10	3.33	130.70	3.64	145.80	4.16
	14	70.20	1.68	85.30	2.18	100.40	2.66	108.00	2.95	123.10	3.42	130.70	3.71	145.80	4.22
	23	70.20	1.77	85.30	2.27	100.40	2.76	108.00	3.04	123.10	3.51	130.70	3.79	145.80	4.28
	27	70.20	1.86	85.30	2.36	100.40	2.86	108.00	3.13	123.10	3.60	130.70	3.87	145.80	4.35
	32	70.20	1.96	85.30	2.46	100.40	2.96	108.00	3.23	123.10	3.69	130.70	3.95	145.80	4.42
	37	70.20	2.06	85.30	2.56	100.40	3.07	108.00	3.33	123.10	3.78	130.70	4.03	145.80	4.49
	41	70.20	2.17	85.30	2.67	100.40	3.18	108.00	3.43	123.10	3.88	130.70	4.11	145.80	4.56
	46	70.20	2.22	85.30	2.73	100.40	3.23	108.00	3.48	123.10	3.94	130.70	4.16	145.80	4.62
	50	70.20	2.26	85.30	2.77	100.40	3.27	108.00	3.53	123.10	3.98	130.70	4.21	145.80	4.67
	54	70.20	2.30	85.30	2.81	100.40	3.32	108.00	3.58	123.10	4.04	130.70	4.28	145.80	4.75
	57	70.20	2.34	85.30	2.86	100.40	3.38	108.00	3.65	123.10	4.12	130.70	4.37	145.80	4.86
	61	70.20	2.39	85.30	2.92	100.40	3.46	108.00	3.73	123.10	4.23	130.70	4.48	145.80	4.98
	64	70.20	2.44	85.30	2.99	100.40	3.55	108.00	3.84	123.10	4.35	130.70	4.61	145.80	5.15
	68	70.20	2.49	85.30	3.06	100.40	3.66	108.00	3.97	123.10	4.51	130.70	4.79	145.80	5.36
	72	70.20	2.56	85.30	3.17	100.40	3.80	108.00	4.13	123.10	4.71	130.70	5.01	145.80	5.63
	75	70.20	2.67	85.30	3.31	100.40	3.98	108.00	4.32	123.10	4.95	130.70	5.28	145.80	5.96
	79	70.20	2.80	85.30	3.49	100.40	4.20	108.00	4.57	123.10	5.26	130.70	5.61	145.80	6.34
	82	70.20	2.97	85.30	3.69	100.40	4.47	108.00	4.89	123.10	5.63	130.70	6.01	145.80	6.82
	86	70.20	3.14	85.30	3.93	100.40	4.81	108.00	5.28	123.10	6.07	130.70	6.49	145.80	7.36
	90	70.20	3.33	85.30	4.21	100.40	5.19	108.00	5.72	123.10	6.57	130.70	7.01	145.80	7.93
	93	70.20	3.54	85.30	4.54	100.40	5.62	108.00	6.19	123.10	7.11	130.70	7.58	145.80	8.53
	95	70.20	3.68	85.30	4.73	100.40	5.86	108.00	6.46	123.10	7.40	130.70	7.87	145.80	8.82
	99	70.20	4.00	85.30	5.15	100.40	6.39	108.00	7.04	123.10	7.98	130.70	8.46	145.80	9.43
	102	70.20	4.41	85.30	5.66	100.40	6.95	108.00	7.61	123.10	8.57	130.70	9.07	139.80	9.55
	106	70.20	4.89	85.30	6.17	100.40	7.51	108.00	8.21	123.10	9.22	127.90	9.48	133.80	9.70
	111	70.20	5.63	85.30	7.02	100.40	8.47	108.00	9.23	115.70	9.53	119.40	9.64	124.80	9.58
	115	70.20	6.18	85.30	7.62	99.80	9.08	104.00	9.47	108.30	9.31	113.80	9.58	118.70	9.46
	118	70.20	6.74	82.80	8.03	90.10	8.66	93.10	8.92	97.90	8.78	100.40	8.72	105.50	8.62
	120	69.00	6.97	77.30	7.70	83.10	8.20	86.20	8.46	91.20	8.34	93.70	8.29	98.90	8.20
	122	64.90	6.62	72.70	7.32	78.10	7.79	81.00	8.04	85.70	7.92	88.10	7.88	93.00	7.79
80	5	62.40	1.30	75.80	1.72	89.30	2.10	96.00	2.35	109.40	2.75	116.20	3.01	129.60	3.47
	10	62.40	1.38	75.80	1.80	89.30	2.19	96.00	2.44	109.40	2.84	116.20	3.09	129.60	3.54
	14	62.40	1.46	75.80	1.88	89.30	2.28	96.00	2.53	109.40	2.93	116.20	3.17	129.60	3.61
	23	62.40	1.54	75.80	1.97	89.30	2.38	96.00	2.62	109.40	3.02	116.20	3.25	129.60	3.68
	27	62.40	1.63	75.80	2.06	89.30	2.48	96.00	2.71	109.40	3.11	116.20	3.33	129.60	3.75
	32	62.40	1.73	75.80	2.16	89.30	2.58	96.00	2.81	109.40	3.21	116.20	3.42	129.60	3.83
	37	62.40	1.83	75.80	2.26	89.30	2.69	96.00	2.91	109.40	3.31	116.20	3.51	129.60	3.91
	41	62.40	1.94	75.80	2.37	89.30	2.80	96.00	3.02	109.40	3.41	116.20	3.60	129.60	3.99
	46	62.40	1.99	75.80	2.42	89.30	2.85	96.00	3.07	109.40	3.46	116.20	3.65	129.60	4.04
	50	62.40	2.03	75.80	2.46	89.30	2.89	96.00	3.11	109.40	3.50	116.20	3.69	129.60	4.08
	54	62.40	2.07	75.80	2.50	89.30	2.93	96.00	3.15	109.40	3.55	116.20	3.74	129.60	4.14
	57	62.40	2.10	75.80	2.54	89.30	2.98	96.00	3.20	109.40	3.61	116.20	3.81	129.60	4.22
	61	62.40	2.15	75.80	2.60	89.30	3.05	96.00	3.28	109.40	3.69	116.20	3.91	129.60	4.33
	64	62.40	2.20	75.80	2.66	89.30	3.13	96.00	3.36	109.40	3.80	116.20	4.02	129.60	4.47
	68	62.40	2.24	75.80	2.72	89.30	3.22	96.00	3.47	109.40	3.93	116.20	4.16	129.60	4.64
	72	62.40	2.29	75.80	2.81	89.30	3.34	96.00	3.61	109.40	4.10	116.20	4.35	129.60	4.86
	75	62.40	2.38	75.80	2.92	89.30	3.49	96.00	3.77	109.40	4.30	116.20	4.58	129.60	5.15
	79	62.40	2.48	75.80	3.06	89.30	3.67	96.00	3.98	109.40	4.56	116.20	4.85	129.60	5.47
	82	62.40	2.60	75.80	3.23	89.30	3.89	96.00	4.23	109.40	4.84	116.20	5.16	129.60	5.80
	86	62.40	2.74	75.80	3.43	89.30	4.14	96.00	4.51	109.40	5.17	116.20	5.52	129.60	6.23
	90	62.40	2.90	75.80	3.65	89.30	4.44	96.00	4.85	109.40	5.57	116.20	5.94	129.60	6.71
	93	62.40	3.09	75.80	3.93	89.30	4.79	96.00	5.23	109.40	6.00	116.20	6.40	129.60	7.21
	95	62.40	3.22	75.80	4.08	89.30	4.98	96.00	5.44	109.40	6.24	116.20	6.65	129.60	7.47
	99	62.40	3.52	75.80	4.46	89.30	5.42	96.00	5.91	109.40	6.74	116.20	7.16	129.60	8.01
	102	62.40	3.89	75.80	4.88	89.30	5.90	96.00	6.43	109.40	7.28	116.20	7.71	129.60	8.58
	106	62.40	4.27	75.80	5.31	89.30	6.42	96.00	6.99	109.40	7.87	116.20	8.31	129.60	9.17
	111	62.40	4.92	75.80	6.11	89.30	7.35	96.00	7.98	109.40	8.91	116.20	9.37	123.10	9.68
	115	62.40	5.44	75.80	6.72	89.30	8.06	96.00	8.75	106.60	9.35	110.20	9.41	116.50	9.46
	118	62.40	6.04	73.60	7.17	83.40	8.13	88.10	8.59	94.10	8.58	97.10	8.59	103.30	8.62
	120	59.00	6.03	68.00	6.89	76.80	7.72	81.20	8.13	87.30	8.14	90.40	8.16	96.70	8.19
	122	55.50	5.73	63.90	6.55	72.20	7.33	76.30	7.72	82.10	7.73	85.00	7.75	90.90	7.78

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC120S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	54.60	1.16	66.40	1.51	78.10	1.84	84.00	2.05	95.80	2.38	101.60	2.60	113.40	2.98
	10	54.60	1.23	66.40	1.58	78.10	1.92	84.00	2.12	95.80	2.45	101.60	2.67	113.40	3.04
	14	54.60	1.30	66.40	1.65	78.10	2.00	84.00	2.20	95.80	2.53	101.60	2.74	113.40	3.10
	23	54.60	1.38	66.40	1.73	78.10	2.08	84.00	2.28	95.80	2.61	101.60	2.81	113.40	3.16
	27	54.60	1.46	66.40	1.81	78.10	2.17	84.00	2.36	95.80	2.69	101.60	2.88	113.40	3.22
	32	54.60	1.54	66.40	1.90	78.10	2.26	84.00	2.45	95.80	2.77	101.60	2.95	113.40	3.29
	37	54.60	1.63	66.40	1.99	78.10	2.35	84.00	2.54	95.80	2.86	101.60	3.03	113.40	3.36
	41	54.60	1.72	66.40	2.08	78.10	2.45	84.00	2.63	95.80	2.95	101.60	3.11	113.40	3.43
	46	54.60	1.76	66.40	2.12	78.10	2.49	84.00	2.68	95.80	3.00	101.60	3.16	113.40	3.48
	50	54.60	1.79	66.40	2.16	78.10	2.53	84.00	2.71	95.80	3.03	101.60	3.20	113.40	3.52
	54	54.60	1.83	66.40	2.19	78.10	2.56	84.00	2.75	95.80	3.07	101.60	3.24	113.40	3.56
	57	54.60	1.86	66.40	2.23	78.10	2.60	84.00	2.79	95.80	3.12	101.60	3.29	113.40	3.62
	61	54.60	1.89	66.40	2.27	78.10	2.65	84.00	2.84	95.80	3.19	101.60	3.36	113.40	3.71
	64	54.60	1.94	66.40	2.33	78.10	2.72	84.00	2.91	95.80	3.27	101.60	3.45	113.40	3.82
	68	54.60	1.97	66.40	2.38	78.10	2.79	84.00	3.00	95.80	3.38	101.60	3.57	113.40	3.96
	72	54.60	2.01	66.40	2.45	78.10	2.89	84.00	3.11	95.80	3.51	101.60	3.72	113.40	4.13
	75	54.60	2.07	66.40	2.54	78.10	3.01	84.00	3.25	95.80	3.68	101.60	3.90	113.40	4.36
	79	54.60	2.14	66.40	2.64	78.10	3.15	84.00	3.41	95.80	3.89	101.60	4.13	113.40	4.64
	82	54.60	2.23	66.40	2.77	78.10	3.33	84.00	3.61	95.80	4.12	101.60	4.39	113.40	4.92
	86	54.60	2.33	66.40	2.92	78.10	3.52	84.00	3.82	95.80	4.37	101.60	4.65	113.40	5.23
	90	54.60	2.47	66.40	3.09	78.10	3.74	84.00	4.07	95.80	4.67	101.60	4.98	113.40	5.62
	93	54.60	2.62	66.40	3.31	78.10	4.01	84.00	4.36	95.80	5.02	101.60	5.36	113.40	6.05
	95	54.60	2.73	66.40	3.44	78.10	4.17	84.00	4.54	95.80	5.22	101.60	5.57	113.40	6.27
	99	54.60	2.97	66.40	3.75	78.10	4.53	84.00	4.92	95.80	5.64	101.60	6.01	113.40	6.74
	102	54.60	3.30	66.40	4.11	78.10	4.94	84.00	5.37	95.80	6.12	101.60	6.49	113.40	7.25
	106	54.60	3.61	66.40	4.49	78.10	5.41	84.00	5.88	95.80	6.64	101.60	7.02	113.40	7.78
	111	54.60	4.16	66.40	5.19	78.10	6.24	84.00	6.77	95.80	7.53	101.60	7.91	113.40	8.67
	115	54.60	4.67	66.40	5.78	78.10	6.91	84.00	7.48	95.80	8.26	101.20	8.60	111.10	9.22
	118	54.60	5.32	65.00	6.41	75.70	7.52	81.10	8.08	88.20	8.28	91.70	8.35	98.40	8.46
	120	50.40	5.46	60.10	6.39	70.00	7.32	75.00	7.80	81.60	7.89	85.00	7.93	91.80	8.04
	122	47.40	5.19	56.50	6.07	65.80	6.95	70.50	7.41	76.70	7.50	79.90	7.53	86.30	7.64
60	5	46.80	0.97	56.90	1.25	67.00	1.53	72.00	1.70	82.10	1.89	87.10	1.98	97.20	2.18
	10	46.80	1.03	56.90	1.32	67.00	1.60	72.00	1.77	82.10	1.97	87.10	2.06	97.20	2.27
	14	46.80	1.10	56.90	1.39	67.00	1.68	72.00	1.84	82.10	2.05	87.10	2.15	97.20	2.36
	23	46.80	1.17	56.90	1.46	67.00	1.76	72.00	1.92	82.10	2.14	87.10	2.24	97.20	2.46
	27	46.80	1.24	56.90	1.54	67.00	1.84	72.00	2.00	82.10	2.23	87.10	2.33	97.20	2.56
	32	46.80	1.32	56.90	1.62	67.00	1.93	72.00	2.08	82.10	2.32	87.10	2.43	97.20	2.67
	37	46.80	1.40	56.90	1.71	67.00	2.02	72.00	2.17	82.10	2.42	87.10	2.53	97.20	2.78
	41	46.80	1.49	56.90	1.80	67.00	2.11	72.00	2.26	82.10	2.52	87.10	2.64	97.20	2.90
	46	46.80	1.53	56.90	1.84	67.00	2.15	72.00	2.30	82.10	2.56	87.10	2.68	97.20	2.94
	50	46.80	1.55	56.90	1.86	67.00	2.17	72.00	2.33	82.10	2.59	87.10	2.72	97.20	2.97
	54	46.80	1.57	56.90	1.89	67.00	2.20	72.00	2.36	82.10	2.62	87.10	2.75	97.20	3.01
	57	46.80	1.60	56.90	1.92	67.00	2.24	72.00	2.40	82.10	2.66	87.10	2.79	97.20	3.06
	61	46.80	1.62	56.90	1.95	67.00	2.28	72.00	2.44	82.10	2.71	87.10	2.85	97.20	3.12
	64	46.80	1.66	56.90	1.99	67.00	2.33	72.00	2.50	82.10	2.78	87.10	2.92	97.20	3.20
	68	46.80	1.70	56.90	2.04	67.00	2.39	72.00	2.56	82.10	2.86	87.10	3.01	97.20	3.32
	72	46.80	1.73	56.90	2.09	67.00	2.46	72.00	2.64	82.10	2.96	87.10	3.12	97.20	3.45
	75	46.80	1.77	56.90	2.16	67.00	2.55	72.00	2.75	82.10	3.09	87.10	3.27	97.20	3.63
	79	46.80	1.81	56.90	2.23	67.00	2.66	72.00	2.87	82.10	3.25	87.10	3.45	97.20	3.84
	82	46.80	1.87	56.90	2.33	67.00	2.79	72.00	3.03	82.10	3.44	87.10	3.65	97.20	4.08
	86	46.80	1.95	56.90	2.44	67.00	2.93	72.00	3.19	82.10	3.63	87.10	3.86	97.20	4.33
	90	46.80	2.05	56.90	2.57	67.00	3.10	72.00	3.37	82.10	3.86	87.10	4.11	97.20	4.63
	93	46.80	2.16	56.90	2.72	67.00	3.30	72.00	3.58	82.10	4.13	87.10	4.41	97.20	4.98
	95	46.80	2.25	56.90	2.83	67.00	3.42	72.00	3.73	82.10	4.30	87.10	4.59	97.20	5.18
	99	46.80	2.42	56.90	3.07	67.00	3.73	72.00	4.06	82.10	4.67	87.10	4.97	97.20	5.60
	102	46.80	2.69	56.90	3.38	67.00	4.08	72.00	4.43	82.10	5.07	87.10	5.39	97.20	6.04
	106	46.80	2.97	56.90	3.72	67.00	4.49	72.00	4.89	82.10	5.55	87.10	5.87	97.20	6.52
	111	46.80	3.44	56.90	4.32	67.00	5.22	72.00	5.67	82.10	6.32	87.10	6.64	97.20	7.27
	115	46.80	3.84	56.90	4.80	67.00	5.76	72.00	6.25	82.10	6.89	87.10	7.21	97.20	7.82
	118	46.80	4.45	56.60	5.45	66.80	6.46	72.00	6.96	79.80	7.51	83.60	7.73	90.90	8.07
	120	44.30	4.83	53.40	5.79	62.70	6.75	67.50	7.24	74.10	7.47	77.50	7.57	84.30	7.73
	122	41.60	4.59	50.20	5.50	58.90	6.41	63.50	6.88	69.70	7.10	72.90	7.19	79.20	7.34

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC120S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	39.00	0.82	47.40	1.06	55.80	1.28	60.00	1.43	68.40	1.56	72.60	1.63	81.00	1.78
	10	39.00	0.87	47.40	1.12	55.80	1.34	60.00	1.49	68.40	1.63	72.60	1.70	81.00	1.85
	14	39.00	0.93	47.40	1.18	55.80	1.40	60.00	1.55	68.40	1.70	72.60	1.77	81.00	1.93
	23	39.00	0.99	47.40	1.24	55.80	1.47	60.00	1.61	68.40	1.77	72.60	1.84	81.00	2.01
	27	39.00	1.05	47.40	1.30	55.80	1.54	60.00	1.68	68.40	1.84	72.60	1.92	81.00	2.09
	32	39.00	1.12	47.40	1.37	55.80	1.61	60.00	1.75	68.40	1.92	72.60	2.00	81.00	2.18
	37	39.00	1.19	47.40	1.44	55.80	1.69	60.00	1.82	68.40	2.00	72.60	2.08	81.00	2.27
	41	39.00	1.27	47.40	1.52	55.80	1.77	60.00	1.90	68.40	2.08	72.60	2.17	81.00	2.36
	46	39.00	1.30	47.40	1.55	55.80	1.80	60.00	1.93	68.40	2.11	72.60	2.21	81.00	2.40
	50	39.00	1.31	47.40	1.57	55.80	1.82	60.00	1.95	68.40	2.14	72.60	2.24	81.00	2.43
	54	39.00	1.33	47.40	1.59	55.80	1.85	60.00	1.98	68.40	2.17	72.60	2.27	81.00	2.46
	57	39.00	1.34	47.40	1.61	55.80	1.88	60.00	2.01	68.40	2.20	72.60	2.30	81.00	2.50
	61	39.00	1.36	47.40	1.63	55.80	1.91	60.00	2.04	68.40	2.24	72.60	2.34	81.00	2.54
	64	39.00	1.39	47.40	1.67	55.80	1.94	60.00	2.08	68.40	2.29	72.60	2.39	81.00	2.60
	68	39.00	1.42	47.40	1.70	55.80	1.99	60.00	2.13	68.40	2.35	72.60	2.47	81.00	2.70
	72	39.00	1.45	47.40	1.74	55.80	2.04	60.00	2.19	68.40	2.43	72.60	2.56	81.00	2.80
	75	39.00	1.47	47.40	1.78	55.80	2.10	60.00	2.26	68.40	2.53	72.60	2.66	81.00	2.93
	79	39.00	1.50	47.40	1.84	55.80	2.19	60.00	2.37	68.40	2.65	72.60	2.80	81.00	3.09
	82	39.00	1.53	47.40	1.90	55.80	2.28	60.00	2.48	68.40	2.79	72.60	2.95	81.00	3.28
	86	39.00	1.58	47.40	1.98	55.80	2.39	60.00	2.59	68.40	2.94	72.60	3.12	81.00	3.49
	90	39.00	1.66	47.40	2.08	55.80	2.50	60.00	2.71	68.40	3.11	72.60	3.31	81.00	3.72
	93	39.00	1.73	47.40	2.18	55.80	2.63	60.00	2.86	68.40	3.31	72.60	3.53	81.00	3.99
	95	39.00	1.79	47.40	2.25	55.80	2.72	60.00	2.95	68.40	3.42	72.60	3.66	81.00	4.15
	99	39.00	1.94	47.40	2.44	55.80	2.96	60.00	3.23	68.40	3.74	72.60	3.99	81.00	4.50
	102	39.00	2.12	47.40	2.69	55.80	3.27	60.00	3.56	68.40	4.09	72.60	4.35	81.00	4.89
	106	39.00	2.38	47.40	2.98	55.80	3.61	60.00	3.93	68.40	4.49	72.60	4.77	81.00	5.33
	111	39.00	2.79	47.40	3.52	55.80	4.27	60.00	4.65	68.40	5.20	72.60	5.47	81.00	6.01
	115	39.00	3.12	47.40	3.91	55.80	4.72	60.00	5.13	68.40	5.67	72.60	5.94	81.00	6.46
	118	39.00	3.53	47.40	4.42	55.80	5.27	60.00	5.69	68.40	6.21	72.60	6.46	81.00	6.93
	120	39.00	3.92	47.40	4.78	55.80	5.62	60.00	6.04	66.10	6.52	69.50	6.75	76.80	7.18
	122	39.00	4.19	47.40	5.11	55.80	6.01	60.00	6.46	66.10	6.98	66.00	6.62	73.00	7.04

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC120S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	103.90	10.45	101.40	11.20	100.20	11.45	99.00	11.70	96.10	12.44	93.30	13.19
	-17.8	-18.0	112.00	10.95	109.50	11.70	108.30	11.95	107.10	12.20	104.20	12.94	101.40	13.69
	-12.6	-13.0	124.10	11.70	121.70	12.44	120.40	12.69	119.20	12.94	116.40	13.69	113.60	14.44
	-7.1	-7.6	136.30	12.44	133.80	13.19	132.60	13.44	131.40	13.69	128.50	14.44	125.70	15.19
	-3.6	-4.0	144.40	12.94	141.90	13.69	140.70	13.94	139.50	14.19	136.60	14.94	130.40	15.44
	-1.8	-2.2	148.40	13.19	146.00	13.94	144.70	14.19	143.50	14.44	140.70	15.19	131.40	15.44
	2.0	1.0	156.50	13.69	154.10	14.44	152.80	14.69	151.60	14.94	144.50	15.44	133.20	15.44
	6.0	5.0	168.70	14.44	166.20	15.19	163.70	15.44	158.50	15.44	147.30	15.44	136.10	15.44
	10.0	9.0	176.80	14.94	169.80	15.44	165.60	15.44	160.40	15.44	149.20	15.44	138.00	15.44
	13.0	12.0	180.80	15.19	170.80	15.44	166.50	15.44	161.30	15.44	150.10	15.44	138.90	15.44
	17.0	15.0	184.00	15.44	173.60	15.44	169.40	15.44	164.20	15.44	153.00	15.44	141.80	15.44
	19.0	18.0	185.00	15.44	174.60	15.44	170.30	15.44	165.10	15.44	153.90	15.44	142.70	15.44
	23.0	21.0	186.80	15.44	176.50	15.44	172.20	15.44	167.00	15.44	155.80	15.44	144.60	15.44
	26.0	24.0	188.70	15.44	178.30	15.44	174.10	15.44	168.90	15.44	157.70	15.44	146.50	15.44
	30.0	28.0	190.60	15.44	180.20	15.44	176.00	15.44	170.80	15.44	159.60	15.44	147.40	14.31
	35.0	32.0	193.50	15.44	183.10	15.44	178.80	15.44	173.60	15.44	161.50	14.48	147.40	12.78
	39.0	36.0	195.30	15.44	185.00	15.44	180.70	15.44	175.50	15.08	161.50	13.44	147.40	11.88
	44.0	40.0	197.20	15.44	186.80	15.44	181.60	14.74	175.50	14.01	161.50	12.51	147.40	11.08
	47.0	43.0	198.20	15.44	187.80	14.91	181.60	14.21	175.50	13.52	161.50	12.08	147.40	10.71
	51.0	47.0	200.10	15.27	187.80	13.90	181.60	13.26	175.50	12.63	161.50	11.31	147.40	10.05
	54.0	50.0	200.10	14.25	187.80	13.00	181.60	12.42	175.50	11.84	161.50	10.62	147.40	9.47
	57.0	53.0	200.10	12.93	187.80	11.84	181.60	11.32	175.50	10.81	161.50	9.74	147.40	8.71
	60.0	56.0	200.10	12.18	187.80	11.17	181.60	10.69	175.50	10.22	161.50	9.24	147.40	8.29
120	-21.8	-22.0	100.80	11.20	98.50	11.70	97.40	11.95	96.30	12.20	93.70	12.94	91.10	13.44
	-17.8	-18.0	108.90	11.70	106.60	12.20	105.50	12.44	104.40	12.69	101.80	13.44	99.20	13.94
	-12.6	-13.0	121.00	12.44	118.80	12.94	117.60	13.19	116.50	13.44	113.90	14.19	111.30	14.69
	-7.1	-7.6	133.20	13.19	130.90	13.69	129.80	13.94	128.70	14.19	126.10	14.94	121.90	15.44
	-3.6	-4.0	141.30	13.69	139.00	14.19	137.90	14.44	136.80	14.69	133.00	15.44	123.80	15.44
	-1.8	-2.2	145.30	13.94	143.10	14.44	141.90	14.69	140.80	14.94	133.90	15.44	124.70	15.44
	2.0	1.0	153.40	14.44	151.20	14.94	150.00	15.19	145.90	15.44	135.80	15.44	126.60	15.44
	6.0	5.0	165.60	15.19	158.20	15.44	153.50	15.44	148.80	15.44	138.60	15.44	129.50	15.44
	10.0	9.0	168.60	15.44	160.10	15.44	155.40	15.44	150.70	15.44	140.50	15.44	131.40	15.44
	13.0	12.0	169.60	15.44	161.10	15.44	156.30	15.44	151.60	15.44	141.50	15.44	132.30	15.44
	17.0	15.0	172.40	15.44	163.90	15.44	159.20	15.44	154.40	15.44	144.30	15.44	135.10	15.44
	19.0	18.0	173.30	15.44	164.80	15.44	160.10	15.44	155.40	15.44	145.30	15.44	136.10	15.34
	23.0	21.0	175.20	15.44	166.70	15.44	162.00	15.44	157.30	15.44	147.20	15.44	136.10	14.16
	26.0	24.0	177.10	15.44	168.60	15.44	163.90	15.44	159.20	15.44	149.00	14.86	136.10	13.09
	30.0	28.0	179.00	15.44	170.50	15.44	165.80	15.44	161.10	15.44	149.00	13.75	136.10	12.12
	35.0	32.0	181.80	15.44	173.30	15.29	167.70	14.53	162.00	13.81	149.00	12.28	136.10	10.84
	39.0	36.0	183.70	15.44	173.30	14.18	167.70	13.48	162.00	12.82	149.00	11.42	136.10	10.10
	44.0	40.0	184.70	14.49	173.30	13.17	167.70	12.53	162.00	11.93	149.00	10.64	136.10	9.43
	47.0	43.0	184.70	13.97	173.30	12.71	167.70	12.10	162.00	11.52	149.00	10.29	136.10	9.13
	51.0	47.0	184.70	13.03	173.30	11.88	167.70	11.32	162.00	10.79	149.00	9.66	136.10	8.59
	54.0	50.0	184.70	12.20	173.30	11.13	167.70	10.62	162.00	10.13	149.00	9.10	136.10	8.11
	57.0	53.0	184.70	11.12	173.30	10.17	167.70	9.72	162.00	9.29	149.00	8.37	136.10	7.49
	60.0	56.0	184.70	10.50	173.30	9.63	167.70	9.21	162.00	8.81	149.00	7.96	136.10	7.14
110	-21.8	-22.0	97.70	11.95	95.60	12.44	94.60	12.69	93.60	12.69	91.20	13.44	85.70	13.69
	-17.8	-18.0	105.80	12.44	103.70	12.94	102.70	13.19	101.70	13.19	99.30	13.94	93.80	14.19
	-12.6	-13.0	118.00	13.19	115.90	13.69	114.80	13.94	113.80	13.94	111.40	14.69	106.00	14.94
	-7.1	-7.6	130.10	13.94	128.00	14.44	127.00	14.69	126.00	14.69	123.40	15.44	114.30	15.44
	-3.6	-4.0	138.20	14.44	136.10	14.94	135.10	15.19	134.10	15.19	125.30	15.44	116.20	15.44
	-1.8	-2.2	142.30	14.69	140.20	15.19	138.60	15.44	135.30	15.44	126.20	15.44	117.20	15.44
	2.0	1.0	150.40	15.19	144.70	15.44	140.50	15.44	137.20	15.44	128.10	15.44	119.10	15.44
	6.0	5.0	156.10	15.44	147.60	15.44	143.30	15.44	140.00	15.44	131.00	15.44	121.90	15.44
	10.0	9.0	158.00	15.44	149.50	15.44	145.20	15.44	141.90	15.44	132.80	15.44	123.80	15.44
	13.0	12.0	158.90	15.44	150.40	15.44	146.10	15.44	142.80	15.44	133.80	15.44	124.70	15.20
	17.0	15.0	161.70	15.44	153.20	15.44	149.00	15.44	145.70	15.44	136.60	15.32	124.70	13.46
	19.0	18.0	162.70	15.44	154.20	15.44	149.90	15.44	146.60	15.44	136.60	14.72	124.70	12.93
	23.0	21.0	164.60	15.44	156.10	15.44	151.80	15.44	148.50	15.34	136.60	13.59	124.70	11.94
	26.0	24.0	166.50	15.44	158.00	15.44	153.70	14.93	148.50	14.17	136.60	12.56	124.70	11.05
	30.0	28.0	168.30	15.44	158.90	14.53	153.70	13.80	148.50	13.11	136.60	11.63	124.70	10.25
	35.0	32.0	169.30	14.29	158.90	12.95	153.70	12.31	148.50	11.70	136.60	10.40	124.70	9.19
	39.0	36.0	169.30	13.25	158.90	12.03	153.70	11.44	148.50	10.88	136.60	9.69	124.70	8.57
	44.0	40.0	169.30	12.32	158.90	11.20	153.70	10.66	148.50	10.15	136.60	9.05	124.70	8.02
	47.0	43.0	169.30	11.89	158.90	10.82	153.70	10.30	148.50	9.81	136.60	8.76	124.70	7.77
	51.0	47.0	169.30	11.12	158.90	10.14	153.70	9.66	148.50	9.21	136.60	8.24	124.70	7.32
	54.0	50.0	169.30	10.43	158.90	9.53	153.70	9.08	148.50	8.67	136.60	7.78	124.70	6.93
	57.0	53.0	169.30	9.54	158.90	8.75	153.70	8.35	148.50	7.98	136.60	7.19	124.70	6.43
	60.0	56.0	169.30	9.03	158.90	8.30	153.70	7.93	148.50	7.59	136.60	6.85	124.70	6.14

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC120S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	94.60	12.44	92.70	12.94	91.80	13.19	90.90	13.53	85.50	13.44	80.10	13.69
	-17.8	-18.0	102.70	12.94	100.80	13.44	99.90	13.69	99.00	14.03	93.60	13.94	88.20	14.19
	-12.6	-13.0	114.90	13.69	113.00	14.19	112.10	14.44	111.10	14.78	105.70	14.69	100.30	14.94
	-7.1	-7.6	127.00	14.44	125.10	14.94	124.20	15.19	122.70	15.44	114.80	15.44	106.80	15.44
	-3.6	-4.0	135.10	14.94	131.20	15.44	128.40	15.44	124.60	15.44	116.60	15.44	108.70	15.44
	-1.8	-2.2	139.20	15.19	132.20	15.44	129.30	15.44	125.60	15.44	117.60	15.44	109.60	15.44
	2.0	1.0	141.60	15.44	134.10	15.44	131.20	15.44	127.40	15.44	119.50	15.44	111.50	15.44
	6.0	5.0	144.50	15.44	136.90	15.44	134.10	15.44	130.30	15.44	122.30	15.44	113.40	14.43
	10.0	9.0	146.30	15.44	138.80	15.44	136.00	15.44	132.20	15.44	124.20	15.14	113.40	13.29
	13.0	12.0	147.30	15.44	139.70	15.44	136.90	15.44	133.10	15.44	124.20	14.53	113.40	12.76
	17.0	15.0	150.10	15.44	142.60	15.44	139.70	15.34	135.00	14.55	124.20	12.87	113.40	11.31
	19.0	18.0	151.10	15.44	143.50	15.44	139.70	14.73	135.00	13.98	124.20	12.36	113.40	10.87
	23.0	21.0	153.00	15.44	144.50	14.32	139.70	13.59	135.00	12.90	124.20	11.42	113.40	10.05
	26.0	24.0	153.90	14.62	144.50	13.23	139.70	12.56	135.00	11.93	124.20	10.57	113.40	9.31
	30.0	28.0	153.90	13.52	144.50	12.24	139.70	11.63	135.00	11.05	124.20	9.80	113.40	8.64
	35.0	32.0	153.90	12.06	144.50	10.94	139.70	10.40	135.00	9.88	124.20	8.78	113.40	7.76
	39.0	36.0	153.90	11.21	144.50	10.17	139.70	9.68	135.00	9.20	124.20	8.20	113.40	7.25
	44.0	40.0	153.90	10.44	144.50	9.49	139.70	9.04	135.00	8.60	124.20	7.67	113.40	6.80
	47.0	43.0	153.90	10.09	144.50	9.18	139.70	8.74	135.00	8.32	124.20	7.43	113.40	6.59
	51.0	47.0	153.90	9.46	144.50	8.62	139.70	8.21	135.00	7.82	124.20	7.00	113.40	6.22
	54.0	50.0	153.90	8.90	144.50	8.13	139.70	7.75	135.00	7.39	124.20	6.63	113.40	5.90
	57.0	53.0	153.90	8.18	144.50	7.49	139.70	7.15	135.00	6.82	124.20	6.14	113.40	5.49
	60.0	56.0	153.90	7.77	144.50	7.13	139.70	6.81	135.00	6.51	124.20	5.87	113.40	5.26
90	-21.8	-22.0	91.60	13.19	88.40	13.44	86.20	13.69	84.10	13.69	79.20	13.69	74.40	13.94
	-17.8	-18.0	99.70	13.69	96.50	13.94	94.30	14.19	92.20	14.19	87.30	14.19	82.50	14.44
	-12.6	-13.0	111.80	14.44	108.60	14.69	106.50	14.94	104.40	14.94	99.50	14.94	94.60	15.19
	-7.1	-7.6	124.00	15.19	118.70	15.44	115.40	15.44	113.00	15.44	106.10	15.44	99.20	15.44
	-3.6	-4.0	127.20	15.44	120.60	15.44	117.20	15.44	114.90	15.44	108.00	15.44	101.10	15.44
	-1.8	-2.2	128.10	15.44	121.50	15.44	118.20	15.44	115.80	15.44	108.90	15.44	102.10	15.17
	2.0	1.0	130.00	15.44	123.40	15.44	120.10	15.44	117.70	15.44	110.80	15.44	102.10	13.96
	6.0	5.0	132.80	15.44	126.20	15.44	122.90	15.44	120.60	15.44	111.80	14.05	102.10	12.34
	10.0	9.0	134.70	15.44	128.10	15.44	124.80	15.44	121.50	14.64	111.80	12.94	102.10	11.37
	13.0	12.0	135.70	15.44	129.10	15.44	125.80	14.83	121.50	14.06	111.80	12.43	102.10	10.92
	17.0	15.0	138.50	15.30	130.00	13.82	125.80	13.13	121.50	12.45	111.80	11.01	102.10	9.68
	19.0	18.0	138.50	14.69	130.00	13.28	125.80	12.62	121.50	11.96	111.80	10.58	102.10	9.31
	23.0	21.0	138.50	13.56	130.00	12.26	125.80	11.65	121.50	11.05	111.80	9.79	102.10	8.62
	26.0	24.0	138.50	12.53	130.00	11.34	125.80	10.78	121.50	10.23	111.80	9.07	102.10	7.99
	30.0	28.0	138.50	11.60	130.00	10.51	125.80	9.99	121.50	9.48	111.80	8.42	102.10	7.43
	35.0	32.0	138.50	10.38	130.00	9.41	125.80	8.96	121.50	8.51	111.80	7.56	102.10	6.69
	39.0	36.0	138.50	9.66	130.00	8.77	125.80	8.35	121.50	7.94	111.80	7.07	102.10	6.26
	44.0	40.0	138.50	9.02	130.00	8.20	125.80	7.82	121.50	7.43	111.80	6.63	102.10	5.88
	47.0	43.0	138.50	8.73	130.00	7.94	125.80	7.57	121.50	7.20	111.80	6.43	102.10	5.71
	51.0	47.0	138.50	8.21	130.00	7.48	125.80	7.13	121.50	6.79	111.80	6.07	102.10	5.40
	54.0	50.0	138.50	7.74	130.00	7.06	125.80	6.75	121.50	6.43	111.80	5.76	102.10	5.14
	57.0	53.0	138.50	7.15	130.00	6.54	125.80	6.25	121.50	5.96	111.80	5.36	102.10	4.80
	60.0	56.0	138.50	6.82	130.00	6.24	125.80	5.97	121.50	5.70	111.80	5.14	102.10	4.61
80	-21.8	-22.0	84.90	13.69	81.10	13.69	79.20	13.69	77.40	13.94	73.00	13.94	68.70	14.19
	-17.8	-18.0	93.00	14.19	89.20	14.19	87.30	14.19	85.50	14.44	81.10	14.44	76.80	14.69
	-12.6	-13.0	105.20	14.94	101.40	14.94	99.50	14.94	97.60	15.19	93.30	15.19	88.80	15.44
	-7.1	-7.6	113.70	15.44	108.00	15.44	106.10	15.44	103.30	15.44	97.50	15.44	90.70	14.50
	-3.6	-4.0	115.60	15.44	109.90	15.44	108.00	15.44	105.20	15.44	99.40	15.19	90.70	13.34
	-1.8	-2.2	116.50	15.44	110.80	15.44	108.90	15.44	106.10	15.44	99.40	14.57	90.70	12.80
	2.0	1.0	118.40	15.44	112.70	15.44	110.80	15.44	108.00	15.17	99.40	13.42	90.70	11.79
	6.0	5.0	121.20	15.44	115.60	14.92	111.80	14.16	108.00	13.40	99.40	11.86	90.70	10.42
	10.0	9.0	123.10	15.22	115.60	13.75	111.80	13.04	108.00	12.35	99.40	10.93	90.70	9.61
	13.0	12.0	123.10	14.61	115.60	13.20	111.80	12.52	108.00	11.86	99.40	10.49	90.70	9.23
	17.0	15.0	123.10	12.94	115.60	11.69	111.80	11.10	108.00	10.51	99.40	9.31	90.70	8.19
	19.0	18.0	123.10	12.43	115.60	11.23	111.80	10.67	108.00	10.10	99.40	8.95	90.70	7.88
	23.0	21.0	123.10	11.48	115.60	10.39	111.80	9.86	108.00	9.34	99.40	8.29	90.70	7.30
	26.0	24.0	123.10	10.62	115.60	9.62	111.80	9.14	108.00	8.66	99.40	7.69	90.70	6.78
	30.0	28.0	123.10	9.85	115.60	8.92	111.80	8.48	108.00	8.04	99.40	7.14	90.70	6.31
	35.0	32.0	123.10	8.83	115.60	8.01	111.80	7.62	108.00	7.24	99.40	6.44	90.70	5.69
	39.0	36.0	123.10	8.24	115.60	7.49	111.80	7.13	108.00	6.77	99.40	6.03	90.70	5.34
	44.0	40.0	123.10	7.71	115.60	7.02	111.80	6.68	108.00	6.35	99.40	5.67	90.70	5.02
	47.0	43.0	123.10	7.47	115.60	6.80	111.80	6.48	108.00	6.16	99.40	5.50	90.70	4.88
	51.0	47.0	123.10	7.04	115.60	6.42	111.80	6.12	108.00	5.82	99.40	5.21	90.70	4.63
	54.0	50.0	123.10	6.66	115.60	6.08	111.80	5.81	108.00	5.53	99.40	4.95	90.70	4.41
	57.0	53.0	123.10	6.18	115.60	5.66	111.80	5.40	108.00	5.15	99.40	4.63	90.70	4.13
	60.0	56.0	123.10	5.91	115.60	5.41	111.80	5.18	108.00	4.94	99.40	4.44	90.70	3.97

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC120S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	77.20	13.94	73.90	13.94	72.30	13.94	70.60	14.19	66.80	14.19	63.00	12.38
	-17.8	-18.0	85.30	14.44	82.00	14.44	80.40	14.44	78.70	14.69	74.90	14.69	71.10	12.88
	-12.6	-13.0	97.50	15.19	94.20	15.19	92.50	15.19	90.70	15.44	86.00	15.44	79.40	13.63
	-7.1	-7.6	102.10	15.44	98.30	15.44	95.90	15.44	93.60	15.44	86.90	13.71	79.40	12.04
	-3.6	-4.0	104.00	15.44	100.20	15.44	97.80	15.04	94.50	14.26	86.90	12.62	79.40	11.08
	-1.8	-2.2	104.90	15.44	101.10	15.25	97.80	14.43	94.50	13.68	86.90	12.11	79.40	10.63
	2.0	1.0	106.80	15.44	101.10	14.04	97.80	13.29	94.50	12.59	86.90	11.15	79.40	9.79
	6.0	5.0	107.70	13.73	101.10	12.40	97.80	11.74	94.50	11.13	86.90	9.86	79.40	8.66
	10.0	9.0	107.70	12.65	101.10	11.43	97.80	10.82	94.50	10.26	86.90	9.09	79.40	7.99
	13.0	12.0	107.70	12.15	101.10	10.98	97.80	10.39	94.50	9.85	86.90	8.73	79.40	7.68
	17.0	15.0	107.70	10.77	101.10	9.74	97.80	9.22	94.50	8.75	86.90	7.75	79.40	6.82
	19.0	18.0	107.70	10.35	101.10	9.36	97.80	8.87	94.50	8.41	86.90	7.46	79.40	6.57
	23.0	21.0	107.70	9.57	101.10	8.66	97.80	8.21	94.50	7.79	86.90	6.91	79.40	6.09
	26.0	24.0	107.70	8.87	101.10	8.03	97.80	7.62	94.50	7.23	86.90	6.42	79.40	5.66
	30.0	28.0	107.70	8.24	101.10	7.47	97.80	7.08	94.50	6.73	86.90	5.98	79.40	5.28
	35.0	32.0	107.70	7.41	101.10	6.72	97.80	6.38	94.50	6.07	86.90	5.40	79.40	4.78
	39.0	36.0	107.70	6.93	101.10	6.30	97.80	5.98	94.50	5.69	86.90	5.07	79.40	4.49
	44.0	40.0	107.70	6.51	101.10	5.91	97.80	5.62	94.50	5.35	86.90	4.77	79.40	4.24
	47.0	43.0	107.70	6.31	101.10	5.74	97.80	5.46	94.50	5.20	86.90	4.64	79.40	4.12
	51.0	47.0	107.70	5.97	101.10	5.43	97.80	5.17	94.50	4.93	86.90	4.40	79.40	3.92
	54.0	50.0	107.70	5.66	101.10	5.16	97.80	4.92	94.50	4.69	86.90	4.20	79.40	3.74
	57.0	53.0	107.70	5.28	101.10	4.82	97.80	4.60	94.50	4.39	86.90	3.94	79.40	3.52
	60.0	56.0	107.70	5.06	101.10	4.63	97.80	4.42	94.50	4.23	86.90	3.79	79.40	3.39
60	-21.8	-22.0	69.50	14.19	66.70	14.19	65.30	13.79	63.90	13.02	60.60	12.13	57.40	11.29
	-17.8	-18.0	77.60	14.69	74.80	14.69	73.40	14.29	72.00	13.52	68.70	12.63	65.50	11.79
	-12.6	-13.0	88.60	15.44	85.70	15.44	83.80	15.04	81.00	14.27	74.50	12.60	68.00	11.09
	-7.1	-7.6	91.40	15.44	86.70	14.04	83.80	13.28	81.00	12.60	74.50	11.13	68.00	9.79
	-3.6	-4.0	92.30	14.27	86.70	12.92	83.80	12.23	81.00	11.60	74.50	10.24	68.00	9.01
	-1.8	-2.2	92.30	13.69	86.70	12.40	83.80	11.73	81.00	11.13	74.50	9.83	68.00	8.65
	2.0	1.0	92.30	12.61	86.70	11.41	83.80	10.80	81.00	10.25	74.50	9.05	68.00	7.97
	6.0	5.0	92.30	11.15	86.70	10.09	83.80	9.55	81.00	9.06	74.50	8.01	68.00	7.05
	10.0	9.0	92.30	10.27	86.70	9.30	83.80	8.81	81.00	8.36	74.50	7.39	68.00	6.51
	13.0	12.0	92.30	9.87	86.70	8.94	83.80	8.46	81.00	8.03	74.50	7.10	68.00	6.26
	17.0	15.0	92.30	8.76	86.70	7.94	83.80	7.52	81.00	7.14	74.50	6.32	68.00	5.57
	19.0	18.0	92.30	8.43	86.70	7.64	83.80	7.24	81.00	6.87	74.50	6.08	68.00	5.36
	23.0	21.0	92.30	7.81	86.70	7.08	83.80	6.71	81.00	6.37	74.50	5.64	68.00	4.98
	26.0	24.0	92.30	7.25	86.70	6.57	83.80	6.23	81.00	5.92	74.50	5.25	68.00	4.64
	30.0	28.0	92.30	6.74	86.70	6.12	83.80	5.81	81.00	5.52	74.50	4.90	68.00	4.33
	35.0	32.0	92.30	6.09	86.70	5.53	83.80	5.25	81.00	4.99	74.50	4.44	68.00	3.93
	39.0	36.0	92.30	5.71	86.70	5.19	83.80	4.93	81.00	4.69	74.50	4.18	68.00	3.70
	44.0	40.0	92.30	5.37	86.70	4.89	83.80	4.65	81.00	4.42	74.50	3.95	68.00	3.50
	47.0	43.0	92.30	5.22	86.70	4.75	83.80	4.52	81.00	4.30	74.50	3.84	68.00	3.41
	51.0	47.0	92.30	4.95	86.70	4.51	83.80	4.29	81.00	4.09	74.50	3.66	68.00	3.25
	54.0	50.0	92.30	4.72	86.70	4.30	83.80	4.10	81.00	3.90	74.50	3.49	68.00	3.11
	57.0	53.0	92.30	4.42	86.70	4.03	83.80	3.85	81.00	3.66	74.50	3.29	68.00	2.93
	60.0	56.0	92.30	4.25	86.70	3.88	83.80	3.71	81.00	3.53	74.50	3.18	68.00	2.84
50	-21.8	-22.0	61.80	13.44	59.50	12.02	58.30	12.14	57.10	11.50	54.40	10.80	51.70	9.46
	-17.8	-18.0	69.90	13.94	67.60	12.52	66.40	12.64	65.20	12.00	62.10	11.30	56.70	9.96
	-12.6	-13.0	77.00	13.86	72.20	12.49	69.90	11.87	67.50	11.28	62.10	9.98	56.70	8.80
	-7.1	-7.6	77.00	12.24	72.20	11.04	69.90	10.48	67.50	9.96	62.10	8.82	56.70	7.77
	-3.6	-4.0	77.00	11.27	72.20	10.16	69.90	9.65	67.50	9.17	62.10	8.12	56.70	7.15
	-1.8	-2.2	77.00	10.81	72.20	9.75	69.90	9.26	67.50	8.80	62.10	7.79	56.70	6.87
	2.0	1.0	77.00	9.95	72.20	8.98	69.90	8.53	67.50	8.11	62.10	7.18	56.70	6.33
	6.0	5.0	77.00	8.81	72.20	7.94	69.90	7.55	67.50	7.18	62.10	6.35	56.70	5.60
	10.0	9.0	77.00	8.12	72.20	7.33	69.90	6.97	67.50	6.62	62.10	5.87	56.70	5.18
	13.0	12.0	77.00	7.81	72.20	7.05	69.90	6.70	67.50	6.37	62.10	5.64	56.70	4.98
	17.0	15.0	77.00	6.94	72.20	6.27	69.90	5.96	67.50	5.67	62.10	5.03	56.70	4.44
	19.0	18.0	77.00	6.68	72.20	6.04	69.90	5.74	67.50	5.46	62.10	4.84	56.70	4.27
	23.0	21.0	77.00	6.20	72.20	5.60	69.90	5.33	67.50	5.07	62.10	4.50	56.70	3.98
	26.0	24.0	77.00	5.76	72.20	5.21	69.90	4.96	67.50	4.72	62.10	4.19	56.70	3.71
	30.0	28.0	77.00	5.37	72.20	4.87	69.90	4.63	67.50	4.41	62.10	3.92	56.70	3.47
	35.0	32.0	77.00	4.87	72.20	4.41	69.90	4.20	67.50	4.00	62.10	3.56	56.70	3.16
	39.0	36.0	77.00	4.58	72.20	4.15	69.90	3.96	67.50	3.77	62.10	3.36	56.70	2.98
	44.0	40.0	77.00	4.32	72.20	3.92	69.90	3.74	67.50	3.56	62.10	3.18	56.70	2.82
	47.0	43.0	77.00	4.20	72.20	3.82	69.90	3.64	67.50	3.47	62.10	3.10	56.70	2.75
	51.0	47.0	77.00	4.00	72.20	3.64	69.90	3.47	67.50	3.31	62.10	2.96	56.70	2.63
	54.0	50.0	77.00	3.82	72.20	3.48	69.90	3.32	67.50	3.17	62.10	2.83	56.70	2.52
	57.0	53.0	77.00	3.59	72.20	3.28	69.90	3.13	67.50	2.99	62.10	2.68	56.70	2.38
	60.0	56.0	77.00	3.46	72.20	3.17	69.90	3.02	67.50	2.89	62.10	2.59	56.70	2.31

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC144S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	121.70	2.85	147.90	3.88	174.10	4.88	187.20	5.49	213.40	6.49	236.30	6.89	249.70	7.45
	10	121.70	3.00	147.90	4.04	174.10	5.06	187.20	5.66	213.40	6.66	233.96	7.03	247.23	7.56
	14	121.70	3.16	147.90	4.21	174.10	5.24	187.20	5.84	213.40	6.83	231.64	7.17	244.78	7.68
	23	121.70	3.33	147.90	4.39	174.10	5.43	187.20	6.02	213.40	7.00	229.35	7.32	242.36	7.80
	27	121.70	3.51	147.90	4.57	174.10	5.63	187.20	6.21	213.40	7.18	227.08	7.47	239.96	7.92
	32	121.70	3.69	147.90	4.76	174.10	5.83	187.20	6.40	213.40	7.36	224.83	7.62	237.58	8.04
	37	121.70	3.88	147.90	4.96	174.10	6.04	187.20	6.60	213.40	7.55	222.60	7.78	235.23	8.16
	41	121.70	4.08	147.90	5.17	174.10	6.26	187.20	6.80	213.40	7.74	220.40	7.94	232.90	8.28
	46	121.70	4.16	147.90	5.26	174.10	6.36	187.20	6.91	212.00	7.84	218.30	8.02	230.80	8.40
	50	121.70	4.24	147.90	5.35	174.10	6.46	187.20	7.02	210.60	7.91	216.80	8.11	229.30	8.53
	54	121.70	4.37	147.90	5.48	174.10	6.60	187.20	7.17	209.20	8.02	215.40	8.24	227.90	8.73
	57	121.70	4.50	147.90	5.62	174.10	6.77	187.20	7.35	207.70	8.20	214.00	8.44	226.40	8.94
	61	121.70	4.63	147.90	5.80	174.10	6.99	187.20	7.60	206.30	8.39	212.50	8.64	225.00	9.21
	64	121.70	4.83	147.90	6.01	174.10	7.22	187.20	7.84	204.80	8.64	211.10	8.92	223.60	9.56
	68	121.70	5.01	147.90	6.22	174.10	7.51	187.20	8.18	203.40	8.97	209.60	9.29	222.10	10.04
	72	121.70	5.23	147.90	6.49	174.10	7.87	187.20	8.62	202.00	9.41	208.20	9.78	220.70	10.63
	75	121.70	5.45	147.90	6.80	174.10	8.32	187.20	9.17	200.50	9.93	206.80	10.34	219.20	11.38
	79	121.70	5.73	147.90	7.20	174.10	8.87	186.60	9.75	199.10	10.57	205.30	11.07	217.80	12.20
	82	121.70	6.06	147.90	7.65	174.10	9.48	185.10	10.37	197.60	11.32	203.90	11.84	216.40	13.13
	86	121.70	6.43	147.90	8.18	174.10	10.25	183.70	11.13	196.20	12.07	202.40	12.66	214.90	14.19
	90	121.70	6.89	147.90	8.83	174.10	11.09	182.30	11.84	194.80	12.91	201.00	13.62	210.10	14.98
	93	121.70	7.42	147.90	9.61	174.10	11.91	180.80	12.58	189.20	13.51	193.10	14.05	201.60	14.88
	95	121.70	7.79	147.90	9.99	173.90	12.32	178.90	12.91	185.20	13.69	188.90	14.21	197.40	14.63
	99	121.70	8.51	147.90	10.75	166.30	12.61	170.70	13.19	177.10	13.97	180.60	14.10	188.80	14.18
	102	121.70	9.20	147.90	11.64	158.50	12.88	162.40	13.38	169.10	13.70	172.20	13.65	180.30	13.73
	106	121.70	9.95	147.90	12.70	150.80	13.09	154.10	13.38	161.00	13.33	163.80	13.24	171.80	13.30
	111	121.70	11.45	134.60	12.88	139.10	12.90	141.70	12.82	148.90	12.82	151.30	12.68	159.00	12.69
	115	121.70	12.64	125.70	12.81	131.30	12.69	133.40	12.53	140.90	12.54	142.90	12.35	150.50	12.32
	118	111.60	12.73	116.80	12.57	123.50	12.56	125.20	12.30	129.00	11.86	131.00	11.64	135.00	11.23
	120	106.50	12.55	112.40	12.49	115.50	11.97	117.20	11.73	121.10	11.29	123.20	11.09	127.30	10.69
	122	100.10	11.92	105.70	11.87	108.60	11.37	110.20	11.14	113.80	10.73	115.80	10.54	119.70	10.16
120	5	112.30	2.64	136.50	3.57	160.70	4.46	172.80	5.01	197.00	5.93	209.10	6.52	244.66	7.34
	10	112.30	2.78	136.50	3.72	160.70	4.62	172.80	5.17	197.00	6.08	209.10	6.65	242.24	7.45
	14	112.30	2.93	136.50	3.87	160.70	4.79	172.80	5.33	197.00	6.24	209.10	6.79	239.84	7.56
	23	112.30	3.08	136.50	4.03	160.70	4.96	172.80	5.49	197.00	6.40	209.10	6.93	237.47	7.68
	27	112.30	3.24	136.50	4.20	160.70	5.14	172.80	5.66	197.00	6.56	209.10	7.07	235.11	7.80
	32	112.30	3.41	136.50	4.38	160.70	5.33	172.80	5.84	197.00	6.73	209.10	7.21	232.79	7.92
	37	112.30	3.59	136.50	4.56	160.70	5.52	172.80	6.02	197.00	6.90	209.10	7.36	230.48	8.04
	41	112.30	3.78	136.50	4.75	160.70	5.72	172.80	6.21	197.00	7.08	209.10	7.51	228.20	8.16
	46	112.30	3.85	136.50	4.83	160.70	5.81	172.80	6.30	197.00	7.20	209.10	7.66	226.10	8.25
	50	112.30	3.92	136.50	4.91	160.70	5.90	172.80	6.40	197.00	7.33	209.10	7.80	224.60	8.34
	54	112.30	4.02	136.50	5.01	160.70	6.02	172.80	6.52	197.00	7.48	209.10	7.97	223.20	8.49
	57	112.30	4.12	136.50	5.13	160.70	6.15	172.80	6.67	197.00	7.69	208.00	8.15	221.80	8.68
	61	112.30	4.24	136.50	5.28	160.70	6.34	172.80	6.89	197.00	7.93	206.60	8.33	220.30	8.91
	64	112.30	4.39	136.50	5.45	160.70	6.54	172.80	7.10	197.00	8.21	205.20	8.57	218.90	9.21
	68	112.30	4.54	136.50	5.63	160.70	6.79	172.80	7.39	196.90	8.57	203.70	8.89	217.40	9.62
	72	112.30	4.72	136.50	5.87	160.70	7.09	172.80	7.75	195.40	8.94	202.30	9.31	216.00	10.13
	75	112.30	4.93	136.50	6.15	160.70	7.48	172.80	8.21	194.00	9.43	200.80	9.84	214.60	10.78
	79	112.30	5.18	136.50	6.50	160.70	7.97	172.80	8.79	192.50	10.01	199.40	10.48	213.10	11.55
	82	112.30	5.50	136.50	6.91	160.70	8.54	172.80	9.45	191.10	10.71	198.00	11.22	211.70	12.36
	86	112.30	5.82	136.50	7.40	160.70	9.21	172.80	10.25	189.70	11.46	196.50	12.00	210.20	13.23
	90	112.30	6.23	136.50	7.95	160.70	9.99	172.80	11.08	188.20	12.23	195.10	12.81	204.80	13.86
	93	112.30	6.68	136.50	8.65	160.70	10.81	172.80	11.95	185.10	12.91	189.90	13.38	196.70	14.23
	95	112.30	6.99	136.50	9.01	160.70	11.21	172.30	12.34	181.20	13.06	186.00	13.55	192.70	14.39
	99	112.30	7.64	136.50	9.76	160.70	12.10	164.90	12.60	173.30	13.32	178.30	13.84	184.50	13.95
	102	112.30	8.31	136.50	10.56	156.60	12.66	157.10	12.77	165.40	13.49	170.60	13.66	176.40	13.54
	106	112.30	9.04	136.50	11.49	148.50	12.78	149.20	12.88	157.50	13.14	162.90	13.34	168.30	13.15
	111	112.30	10.38	132.50	12.55	136.20	12.69	137.50	12.54	145.60	12.67	151.40	12.90	156.10	12.61
	115	112.30	11.38	124.50	12.63	128.10	12.42	129.60	12.30	137.70	12.41	143.70	12.67	148.00	12.29
	118	111.40	12.52	116.50	12.50	119.90	12.25	121.80	12.13	125.90	11.74	128.10	11.56	132.50	11.20
	120	105.40	12.18	108.40	11.91	111.90	11.67	113.80	11.55	118.10	11.18	120.30	11.00	124.80	10.66
	122	99.10	11.57	101.90	11.31	105.20	11.09	107.00	10.97	111.00	10.62	113.10	10.45	117.30	10.13

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC144S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	103.00	2.43	125.10	3.25	147.30	4.04	158.40	4.55	180.60	5.37	191.70	5.91	213.80	6.85
	10	103.00	2.56	125.10	3.39	147.30	4.19	158.40	4.69	180.60	5.51	191.70	6.03	213.80	6.95
	14	103.00	2.69	125.10	3.53	147.30	4.34	158.40	4.83	180.60	5.65	191.70	6.15	213.80	7.06
	23	103.00	2.83	125.10	3.68	147.30	4.50	158.40	4.98	180.60	5.79	191.70	6.28	213.80	7.17
	27	103.00	2.98	125.10	3.83	147.30	4.66	158.40	5.13	180.60	5.94	191.70	6.41	213.80	7.28
	32	103.00	3.14	125.10	3.99	147.30	4.83	158.40	5.29	180.60	6.09	191.70	6.54	213.80	7.39
	37	103.00	3.30	125.10	4.16	147.30	5.01	158.40	5.45	180.60	6.25	191.70	6.67	213.80	7.50
	41	103.00	3.47	125.10	4.33	147.30	5.19	158.40	5.62	180.60	6.41	191.70	6.81	213.80	7.61
	46	103.00	3.55	125.10	4.41	147.30	5.27	158.40	5.70	180.60	6.52	191.70	6.93	213.80	7.75
	50	103.00	3.60	125.10	4.47	147.30	5.34	158.40	5.78	180.60	6.61	191.70	7.03	213.80	7.89
	54	103.00	3.67	125.10	4.55	147.30	5.44	158.40	5.89	180.60	6.74	191.70	7.18	213.80	8.07
	57	103.00	3.75	125.10	4.65	147.30	5.55	158.40	6.01	180.60	6.90	191.70	7.36	213.80	8.29
	61	103.00	3.84	125.10	4.76	147.30	5.70	158.40	6.19	180.60	7.11	191.70	7.58	212.60	8.49
	64	103.00	3.96	125.10	4.90	147.30	5.88	158.40	6.38	180.60	7.34	191.70	7.85	211.20	8.75
	68	103.00	4.07	125.10	5.05	147.30	6.09	158.40	6.62	180.60	7.65	191.70	8.19	209.70	9.09
	72	103.00	4.22	125.10	5.26	147.30	6.35	158.40	6.92	180.60	8.02	191.70	8.61	208.30	9.53
	75	103.00	4.41	125.10	5.50	147.30	6.68	158.40	7.29	180.60	8.51	191.70	9.16	206.90	10.08
	79	103.00	4.64	125.10	5.82	147.30	7.09	158.40	7.80	180.60	9.13	190.50	9.75	205.40	10.77
	82	103.00	4.93	125.10	6.19	147.30	7.62	158.40	8.42	180.60	9.87	189.00	10.44	204.00	11.53
	86	103.00	5.23	125.10	6.62	147.30	8.24	158.40	9.14	180.10	10.64	187.60	11.17	202.50	12.32
	90	103.00	5.58	125.10	7.13	147.30	8.94	158.40	9.93	178.70	11.41	186.10	11.95	198.60	12.91
	93	103.00	5.98	125.10	7.73	147.30	9.69	158.40	10.79	177.20	12.15	184.40	12.69	191.00	13.22
	95	103.00	6.23	125.10	8.05	147.30	10.12	158.40	11.21	176.50	12.53	180.80	12.82	187.20	13.37
	99	103.00	6.79	125.10	8.77	147.30	10.92	158.40	12.05	169.10	12.75	173.50	13.09	179.60	13.68
	102	103.00	7.42	125.10	9.53	147.30	11.79	154.80	12.58	161.40	12.91	166.20	13.32	172.00	13.31
	106	103.00	8.14	125.10	10.36	147.30	12.70	147.70	12.72	153.70	12.92	159.00	13.12	164.40	12.97
	111	103.00	9.35	125.10	11.68	135.80	12.74	137.00	12.69	142.20	12.50	148.10	12.76	153.00	12.51
	115	103.00	10.20	124.30	12.51	128.20	12.57	129.90	12.57	134.60	12.27	140.80	12.58	145.40	12.26
	118	103.00	11.11	112.40	11.91	116.30	11.94	118.40	11.96	122.90	11.62	125.20	11.47	130.00	11.17
	120	100.30	11.22	104.40	11.33	108.30	11.36	110.40	11.38	115.00	11.06	117.40	10.91	122.20	10.62
	122	94.30	10.66	98.10	10.76	101.80	10.79	103.80	10.81	108.10	10.51	110.40	10.36	114.90	10.09
100	5	93.60	2.21	113.80	2.94	133.90	3.63	144.00	4.06	164.20	4.82	174.20	5.31	194.40	6.16
	10	93.60	2.33	113.80	3.06	133.90	3.76	144.00	4.19	164.20	4.94	174.20	5.42	194.40	6.25
	14	93.60	2.45	113.80	3.19	133.90	3.90	144.00	4.32	164.20	5.07	174.20	5.53	194.40	6.35
	23	93.60	2.58	113.80	3.32	133.90	4.04	144.00	4.45	164.20	5.20	174.20	5.64	194.40	6.45
	27	93.60	2.72	113.80	3.46	133.90	4.19	144.00	4.59	164.20	5.33	174.20	5.76	194.40	6.55
	32	93.60	2.86	113.80	3.60	133.90	4.34	144.00	4.73	164.20	5.47	174.20	5.88	194.40	6.65
	37	93.60	3.01	113.80	3.75	133.90	4.50	144.00	4.88	164.20	5.61	174.20	6.00	194.40	6.75
	41	93.60	3.17	113.80	3.91	133.90	4.66	144.00	5.03	164.20	5.75	174.20	6.12	194.40	6.85
	46	93.60	3.24	113.80	3.98	133.90	4.73	144.00	5.10	164.20	5.84	174.20	6.20	194.40	6.94
	50	93.60	3.29	113.80	4.04	133.90	4.79	144.00	5.16	164.20	5.91	174.20	6.28	194.40	7.03
	54	93.60	3.33	113.80	4.09	133.90	4.87	144.00	5.26	164.20	6.02	174.20	6.40	194.40	7.18
	57	93.60	3.39	113.80	4.17	133.90	4.96	144.00	5.36	164.20	6.15	174.20	6.54	194.40	7.35
	61	93.60	3.46	113.80	4.26	133.90	5.08	144.00	5.51	164.20	6.31	174.20	6.72	194.40	7.55
	64	93.60	3.54	113.80	4.37	133.90	5.23	144.00	5.67	164.20	6.51	174.20	6.94	194.40	7.83
	68	93.60	3.61	113.80	4.48	133.90	5.40	144.00	5.88	164.20	6.76	174.20	7.22	194.40	8.20
	72	93.60	3.72	113.80	4.65	133.90	5.62	144.00	6.12	164.20	7.08	174.20	7.58	194.40	8.63
	75	93.60	3.90	113.80	4.88	133.90	5.90	144.00	6.43	164.20	7.47	174.20	8.02	194.40	9.18
	79	93.60	4.12	113.80	5.15	133.90	6.25	144.00	6.84	164.20	7.99	174.20	8.59	194.40	9.87
	82	93.60	4.37	113.80	5.48	133.90	6.71	144.00	7.40	164.20	8.66	174.20	9.31	194.40	10.66
	86	93.60	4.66	113.80	5.87	133.90	7.29	144.00	8.09	164.20	9.40	174.20	10.08	194.40	11.52
	90	93.60	4.95	113.80	6.33	133.90	7.93	144.00	8.81	164.20	10.19	174.20	10.92	194.40	12.39
	93	93.60	5.29	113.80	6.85	133.90	8.61	144.00	9.56	164.20	11.07	174.20	11.78	187.00	12.59
	95	93.60	5.49	113.80	7.13	133.90	8.99	144.00	10.06	164.20	11.47	174.20	12.19	183.40	12.69
	99	93.60	5.95	113.80	7.78	133.90	9.82	144.00	10.86	164.20	12.28	170.60	12.68	176.00	12.90
	102	93.60	6.52	113.80	8.54	133.90	10.60	144.00	11.64	160.60	12.77	163.40	12.84	168.70	13.08
	106	93.60	7.25	113.80	9.30	133.90	11.37	144.00	12.45	153.40	12.89	156.10	12.95	161.30	12.85
	111	93.60	8.36	113.80	10.44	133.90	12.62	133.50	12.47	142.70	12.77	145.20	12.66	150.30	12.45
	115	93.60	9.08	113.80	11.21	125.10	12.34	126.40	12.38	135.50	12.63	137.90	12.49	142.90	12.23
	118	93.60	9.79	108.00	11.28	112.70	11.63	115.00	11.79	119.80	11.51	122.30	11.38	127.40	11.14
	120	93.60	10.15	100.30	10.75	104.70	11.05	107.00	11.21	112.00	10.95	114.50	10.82	119.70	10.59
	122	88.00	9.64	94.30	10.21	98.40	10.50	100.60	10.65	105.30	10.40	107.60	10.28	112.50	10.06

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1. Capacity table

VPC/VRC144S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	84.20	2.00	102.40	2.65	120.50	3.23	129.60	3.63	147.70	4.30	156.80	4.73	175.00	5.47
	10	84.20	2.10	102.40	2.76	120.50	3.35	129.60	3.74	147.70	4.41	156.80	4.83	175.00	5.55
	14	84.20	2.21	102.40	2.87	120.50	3.47	129.60	3.86	147.70	4.52	156.80	4.93	175.00	5.63
	23	84.20	2.33	102.40	2.99	120.50	3.60	129.60	3.98	147.70	4.64	156.80	5.03	175.00	5.72
	27	84.20	2.45	102.40	3.11	120.50	3.73	129.60	4.10	147.70	4.76	156.80	5.13	175.00	5.81
	32	84.20	2.58	102.40	3.24	120.50	3.87	129.60	4.23	147.70	4.88	156.80	5.23	175.00	5.90
	37	84.20	2.72	102.40	3.37	120.50	4.01	129.60	4.36	147.70	5.00	156.80	5.34	175.00	5.99
	41	84.20	2.86	102.40	3.51	120.50	4.16	129.60	4.49	147.70	5.13	156.80	5.45	175.00	6.08
	46	84.20	2.93	102.40	3.58	120.50	4.23	129.60	4.56	147.70	5.20	156.80	5.52	175.00	6.16
	50	84.20	2.98	102.40	3.63	120.50	4.29	129.60	4.61	147.70	5.26	156.80	5.58	175.00	6.23
	54	84.20	3.02	102.40	3.68	120.50	4.35	129.60	4.68	147.70	5.34	156.80	5.67	175.00	6.34
	57	84.20	3.07	102.40	3.75	120.50	4.43	129.60	4.77	147.70	5.45	156.80	5.79	175.00	6.48
	61	84.20	3.14	102.40	3.83	120.50	4.53	129.60	4.89	147.70	5.59	156.80	5.94	175.00	6.65
	64	84.20	3.21	102.40	3.92	120.50	4.66	129.60	5.03	147.70	5.75	156.80	6.12	175.00	6.88
	68	84.20	3.27	102.40	4.03	120.50	4.80	129.60	5.20	147.70	5.96	156.80	6.36	175.00	7.17
	72	84.20	3.37	102.40	4.17	120.50	5.00	129.60	5.42	147.70	6.23	156.80	6.65	175.00	7.54
	75	84.20	3.52	102.40	4.36	120.50	5.22	129.60	5.67	147.70	6.56	156.80	7.02	175.00	7.98
	79	84.20	3.70	102.40	4.59	120.50	5.52	129.60	6.01	147.70	6.96	156.80	7.46	175.00	8.48
	82	84.20	3.91	102.40	4.86	120.50	5.88	129.60	6.42	147.70	7.45	156.80	7.99	175.00	9.11
	86	84.20	4.14	102.40	5.19	120.50	6.34	129.60	6.96	147.70	8.06	156.80	8.63	175.00	9.82
	90	84.20	4.40	102.40	5.56	120.50	6.85	129.60	7.54	147.70	8.71	156.80	9.32	175.00	10.58
	93	84.20	4.70	102.40	6.01	120.50	7.42	129.60	8.17	147.70	9.42	156.80	10.07	175.00	11.36
	95	84.20	4.89	102.40	6.25	120.50	7.73	129.60	8.51	147.70	9.82	156.80	10.45	175.00	11.74
	99	84.20	5.31	102.40	6.82	120.50	8.45	129.60	9.28	147.70	10.56	156.80	11.21	175.00	12.54
	102	84.20	5.85	102.40	7.47	120.50	9.16	129.60	10.03	147.70	11.35	156.80	12.02	167.30	12.66
	106	84.20	6.46	102.40	8.14	120.50	9.91	129.60	10.82	147.70	12.21	153.10	12.53	159.60	12.76
	111	84.20	7.43	102.40	9.24	120.50	11.16	129.60	12.17	139.60	12.65	141.90	12.54	148.10	12.47
	115	84.20	8.13	102.40	10.04	119.10	11.88	125.30	12.55	131.50	12.44	134.40	12.37	140.40	12.24
	118	84.20	8.87	97.90	10.32	106.10	11.11	109.90	11.46	115.80	11.32	118.80	11.25	124.90	11.15
	120	81.90	8.99	90.60	9.84	98.10	10.53	101.90	10.88	107.90	10.75	111.00	10.70	117.20	10.60
	122	77.00	8.54	85.20	9.35	92.20	10.00	95.80	10.34	101.40	10.21	104.30	10.17	110.20	10.07
80	5	74.90	1.71	91.00	2.25	107.10	2.76	115.20	3.08	131.30	3.64	139.40	4.00	155.50	4.62
	10	74.90	1.81	91.00	2.36	107.10	2.87	115.20	3.19	131.30	3.75	139.40	4.10	155.50	4.71
	14	74.90	1.92	91.00	2.47	107.10	2.99	115.20	3.31	131.30	3.87	139.40	4.20	155.50	4.81
	23	74.90	2.03	91.00	2.59	107.10	3.11	115.20	3.43	131.30	3.99	139.40	4.31	155.50	4.91
	27	74.90	2.15	91.00	2.71	107.10	3.24	115.20	3.55	131.30	4.11	139.40	4.42	155.50	5.01
	32	74.90	2.28	91.00	2.84	107.10	3.38	115.20	3.68	131.30	4.24	139.40	4.53	155.50	5.11
	37	74.90	2.41	91.00	2.97	107.10	3.52	115.20	3.81	131.30	4.37	139.40	4.65	155.50	5.21
	41	74.90	2.55	91.00	3.11	107.10	3.67	115.20	3.95	131.30	4.50	139.40	4.77	155.50	5.32
	46	74.90	2.61	91.00	3.18	107.10	3.74	115.20	4.02	131.30	4.57	139.40	4.84	155.50	5.39
	50	74.90	2.66	91.00	3.22	107.10	3.78	115.20	4.07	131.30	4.62	139.40	4.89	155.50	5.45
	54	74.90	2.71	91.00	3.27	107.10	3.84	115.20	4.12	131.30	4.68	139.40	4.96	155.50	5.52
	57	74.90	2.76	91.00	3.33	107.10	3.90	115.20	4.19	131.30	4.76	139.40	5.05	155.50	5.63
	61	74.90	2.82	91.00	3.40	107.10	3.99	115.20	4.28	131.30	4.88	139.40	5.18	155.50	5.78
	64	74.90	2.88	91.00	3.48	107.10	4.09	115.20	4.40	131.30	5.02	139.40	5.33	155.50	5.96
	68	74.90	2.94	91.00	3.57	107.10	4.22	115.20	4.54	131.30	5.19	139.40	5.52	155.50	6.19
	72	74.90	3.02	91.00	3.69	107.10	4.38	115.20	4.73	131.30	5.42	139.40	5.77	155.50	6.50
	75	74.90	3.13	91.00	3.84	107.10	4.57	115.20	4.94	131.30	5.69	139.40	6.08	155.50	6.89
	79	74.90	3.27	91.00	4.03	107.10	4.82	115.20	5.22	131.30	6.04	139.40	6.45	155.50	7.31
	82	74.90	3.43	91.00	4.25	107.10	5.11	115.20	5.55	131.30	6.41	139.40	6.85	155.50	7.76
	86	74.90	3.62	91.00	4.52	107.10	5.45	115.20	5.92	131.30	6.85	139.40	7.33	155.50	8.33
	90	74.90	3.83	91.00	4.82	107.10	5.85	115.20	6.38	131.30	7.38	139.40	7.89	155.50	8.97
	93	74.90	4.10	91.00	5.18	107.10	6.30	115.20	6.88	131.30	7.95	139.40	8.51	155.50	9.64
	95	74.90	4.27	91.00	5.39	107.10	6.55	115.20	7.15	131.30	8.26	139.40	8.83	155.50	9.98
	99	74.90	4.66	91.00	5.87	107.10	7.13	115.20	7.78	131.30	8.93	139.40	9.51	155.50	10.68
	102	74.90	5.14	91.00	6.43	107.10	7.76	115.20	8.45	131.30	9.63	139.40	10.22	155.50	11.41
	106	74.90	5.62	91.00	6.99	107.10	8.44	115.20	9.20	131.30	10.41	139.40	11.00	155.50	12.20
	111	74.90	6.49	91.00	8.05	107.10	9.66	115.20	10.50	131.30	11.76	139.40	12.38	146.70	12.59
	115	74.90	7.16	91.00	8.85	107.10	10.62	115.20	11.53	126.80	12.15	130.70	12.21	137.90	12.25
	118	74.90	7.98	87.70	9.35	99.20	10.55	104.80	11.12	111.70	11.12	115.20	11.13	122.40	11.15
	120	70.10	7.81	80.80	8.91	91.50	10.00	96.80	10.54	103.80	10.56	107.40	10.57	114.60	10.61
	122	65.90	7.42	76.00	8.46	86.00	9.50	91.00	10.01	97.60	10.03	101.00	10.04	107.70	10.08

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC144S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	65.50	1.52	79.60	1.98	93.70	2.41	100.80	2.68	114.90	3.14	122.00	3.45	136.10	3.98
	10	65.50	1.61	79.60	2.07	93.70	2.51	100.80	2.78	114.90	3.24	122.00	3.54	136.10	4.06
	14	65.50	1.70	79.60	2.17	93.70	2.61	100.80	2.88	114.90	3.34	122.00	3.63	136.10	4.14
	23	65.50	1.80	79.60	2.27	93.70	2.72	100.80	2.98	114.90	3.44	122.00	3.72	136.10	4.22
	27	65.50	1.90	79.60	2.38	93.70	2.83	100.80	3.09	114.90	3.55	122.00	3.82	136.10	4.31
	32	65.50	2.01	79.60	2.49	93.70	2.95	100.80	3.20	114.90	3.66	122.00	3.92	136.10	4.40
	37	65.50	2.13	79.60	2.61	93.70	3.07	100.80	3.32	114.90	3.77	122.00	4.02	136.10	4.49
	41	65.50	2.25	79.60	2.73	93.70	3.20	100.80	3.44	114.90	3.89	122.00	4.12	136.10	4.58
	46	65.50	2.30	79.60	2.78	93.70	3.26	100.80	3.50	114.90	3.96	122.00	4.18	136.10	4.64
	50	65.50	2.35	79.60	2.83	93.70	3.30	100.80	3.54	114.90	4.00	122.00	4.23	136.10	4.69
	54	65.50	2.39	79.60	2.87	93.70	3.35	100.80	3.59	114.90	4.05	122.00	4.28	136.10	4.74
	57	65.50	2.43	79.60	2.91	93.70	3.40	100.80	3.64	114.90	4.11	122.00	4.35	136.10	4.83
	61	65.50	2.48	79.60	2.97	93.70	3.47	100.80	3.71	114.90	4.20	122.00	4.45	136.10	4.94
	64	65.50	2.53	79.60	3.04	93.70	3.55	100.80	3.81	114.90	4.32	122.00	4.58	136.10	5.10
	68	65.50	2.58	79.60	3.12	93.70	3.65	100.80	3.93	114.90	4.46	122.00	4.73	136.10	5.28
	72	65.50	2.64	79.60	3.21	93.70	3.78	100.80	4.07	114.90	4.64	122.00	4.93	136.10	5.52
	75	65.50	2.72	79.60	3.33	93.70	3.94	100.80	4.25	114.90	4.87	122.00	5.19	136.10	5.84
	79	65.50	2.82	79.60	3.47	93.70	4.13	100.80	4.47	114.90	5.15	122.00	5.50	136.10	6.21
	82	65.50	2.94	79.60	3.65	93.70	4.37	100.80	4.73	114.90	5.46	122.00	5.83	136.10	6.59
	86	65.50	3.09	79.60	3.85	93.70	4.62	100.80	5.01	114.90	5.79	122.00	6.19	136.10	7.00
	90	65.50	3.26	79.60	4.08	93.70	4.92	100.80	5.35	114.90	6.19	122.00	6.63	136.10	7.53
	93	65.50	3.47	79.60	4.37	93.70	5.28	100.80	5.74	114.90	6.66	122.00	7.13	136.10	8.10
	95	65.50	3.62	79.60	4.54	93.70	5.48	100.80	5.96	114.90	6.92	122.00	7.41	136.10	8.40
	99	65.50	3.94	79.60	4.94	93.70	5.96	100.80	6.47	114.90	7.47	122.00	7.98	136.10	9.02
	102	65.50	4.36	79.60	5.41	93.70	6.50	100.80	7.05	114.90	8.10	122.00	8.62	136.10	9.67
	106	65.50	4.76	79.60	5.92	93.70	7.11	100.80	7.72	114.90	8.78	122.00	9.31	136.10	10.35
	111	65.50	5.50	79.60	6.84	93.70	8.20	100.80	8.89	114.90	9.94	122.00	10.46	136.10	11.50
	115	65.50	6.15	79.60	7.60	93.70	9.07	100.80	9.82	114.80	10.86	121.00	11.30	132.10	12.02
	118	65.50	6.99	77.90	8.40	90.60	9.83	97.10	10.55	105.20	10.76	109.00	10.85	116.70	10.97
	120	60.30	7.14	72.00	8.33	83.80	9.53	89.80	10.14	97.40	10.25	101.20	10.31	109.00	10.43
	122	56.70	6.78	67.70	7.91	78.80	9.05	84.40	9.63	91.60	9.74	95.10	9.79	102.50	9.91
60	5	56.20	1.26	68.30	1.64	80.40	2.01	86.40	2.23	98.50	2.49	104.50	2.63	116.60	2.89
	10	56.20	1.34	68.30	1.73	80.40	2.10	86.40	2.32	98.50	2.59	104.50	2.74	116.60	3.01
	14	56.20	1.43	68.30	1.82	80.40	2.20	86.40	2.42	98.50	2.70	104.50	2.85	116.60	3.14
	23	56.20	1.52	68.30	1.92	80.40	2.30	86.40	2.52	98.50	2.81	104.50	2.97	116.60	3.27
	27	56.20	1.62	68.30	2.02	80.40	2.41	86.40	2.62	98.50	2.93	104.50	3.09	116.60	3.41
	32	56.20	1.72	68.30	2.13	80.40	2.52	86.40	2.73	98.50	3.05	104.50	3.22	116.60	3.55
	37	56.20	1.83	68.30	2.24	80.40	2.64	86.40	2.84	98.50	3.18	104.50	3.35	116.60	3.70
	41	56.20	1.95	68.30	2.36	80.40	2.76	86.40	2.96	98.50	3.31	104.50	3.49	116.60	3.85
	46	56.20	2.00	68.30	2.40	80.40	2.80	86.40	3.01	98.50	3.37	104.50	3.55	116.60	3.91
	50	56.20	2.03	68.30	2.43	80.40	2.84	86.40	3.04	98.50	3.41	104.50	3.59	116.60	3.95
	54	56.20	2.06	68.30	2.47	80.40	2.88	86.40	3.09	98.50	3.45	104.50	3.63	116.60	4.00
	57	56.20	2.09	68.30	2.51	80.40	2.92	86.40	3.13	98.50	3.50	104.50	3.69	116.60	4.06
	61	56.20	2.12	68.30	2.55	80.40	2.97	86.40	3.19	98.50	3.57	104.50	3.76	116.60	4.15
	64	56.20	2.17	68.30	2.61	80.40	3.04	86.40	3.26	98.50	3.66	104.50	3.86	116.60	4.27
	68	56.20	2.22	68.30	2.67	80.40	3.12	86.40	3.35	98.50	3.77	104.50	3.99	116.60	4.42
	72	56.20	2.26	68.30	2.74	80.40	3.21	86.40	3.45	98.50	3.91	104.50	4.14	116.60	4.60
	75	56.20	2.32	68.30	2.83	80.40	3.34	86.40	3.60	98.50	4.09	104.50	4.33	116.60	4.84
	79	56.20	2.38	68.30	2.93	80.40	3.49	86.40	3.77	98.50	4.30	104.50	4.57	116.60	5.13
	82	56.20	2.47	68.30	3.06	80.40	3.66	86.40	3.97	98.50	4.55	104.50	4.85	116.60	5.46
	86	56.20	2.58	68.30	3.21	80.40	3.86	86.40	4.18	98.50	4.81	104.50	5.13	116.60	5.79
	90	56.20	2.72	68.30	3.39	80.40	4.07	86.40	4.42	98.50	5.12	104.50	5.47	116.60	6.20
	93	56.20	2.86	68.30	3.59	80.40	4.33	86.40	4.71	98.50	5.48	104.50	5.88	116.60	6.68
	95	56.20	2.98	68.30	3.73	80.40	4.50	86.40	4.90	98.50	5.70	104.50	6.11	116.60	6.93
	99	56.20	3.21	68.30	4.05	80.40	4.91	86.40	5.34	98.50	6.19	104.50	6.62	116.60	7.49
	102	56.20	3.57	68.30	4.46	80.40	5.36	86.40	5.82	98.50	6.72	104.50	7.17	116.60	8.07
	106	56.20	3.92	68.30	4.90	80.40	5.91	86.40	6.43	98.50	7.34	104.50	7.79	116.60	8.69
	111	56.20	4.56	68.30	5.69	80.40	6.86	86.40	7.46	98.50	8.34	104.50	8.78	116.60	9.64
	115	56.20	5.08	68.30	6.32	80.40	7.57	86.40	8.20	98.50	9.08	104.50	9.51	116.60	10.35
	118	56.20	5.85	68.00	7.15	80.20	8.46	86.40	9.11	95.50	9.84	99.80	10.12	108.00	10.53
	120	53.20	6.32	64.10	7.57	75.20	8.82	80.90	9.45	88.60	9.73	92.50	9.85	100.30	10.06
	122	50.00	6.00	60.30	7.19	70.70	8.38	76.00	8.98	83.30	9.24	87.00	9.36	94.30	9.56

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1. Capacity table

VPC/VRC144S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	46.80	1.08	56.90	1.39	67.00	1.68	72.00	1.86	82.10	2.05	87.10	2.16	97.20	2.34
	10	46.80	1.15	56.90	1.46	67.00	1.76	72.00	1.94	82.10	2.14	87.10	2.25	97.20	2.44
	14	46.80	1.22	56.90	1.54	67.00	1.84	72.00	2.02	82.10	2.23	87.10	2.34	97.20	2.54
	23	46.80	1.30	56.90	1.62	67.00	1.93	72.00	2.10	82.10	2.32	87.10	2.44	97.20	2.65
	27	46.80	1.38	56.90	1.71	67.00	2.02	72.00	2.19	82.10	2.42	87.10	2.54	97.20	2.76
	32	46.80	1.47	56.90	1.80	67.00	2.12	72.00	2.28	82.10	2.52	87.10	2.65	97.20	2.88
	37	46.80	1.56	56.90	1.89	67.00	2.22	72.00	2.38	82.10	2.63	87.10	2.76	97.20	3.00
	41	46.80	1.66	56.90	1.99	67.00	2.32	72.00	2.48	82.10	2.74	87.10	2.87	97.20	3.12
	46	46.80	1.69	56.90	2.02	67.00	2.35	72.00	2.51	82.10	2.78	87.10	2.91	97.20	3.18
	50	46.80	1.72	56.90	2.05	67.00	2.38	72.00	2.55	82.10	2.81	87.10	2.95	97.20	3.22
	54	46.80	1.73	56.90	2.07	67.00	2.41	72.00	2.59	82.10	2.86	87.10	2.99	97.20	3.26
	57	46.80	1.75	56.90	2.10	67.00	2.45	72.00	2.63	82.10	2.90	87.10	3.04	97.20	3.31
	61	46.80	1.78	56.90	2.13	67.00	2.49	72.00	2.67	82.10	2.95	87.10	3.09	97.20	3.37
	64	46.80	1.82	56.90	2.18	67.00	2.54	72.00	2.72	82.10	3.01	87.10	3.16	97.20	3.45
	68	46.80	1.86	56.90	2.23	67.00	2.60	72.00	2.78	82.10	3.10	87.10	3.26	97.20	3.58
	72	46.80	1.90	56.90	2.28	67.00	2.67	72.00	2.86	82.10	3.20	87.10	3.38	97.20	3.73
	75	46.80	1.93	56.90	2.34	67.00	2.75	72.00	2.96	82.10	3.33	87.10	3.52	97.20	3.90
	79	46.80	1.98	56.90	2.42	67.00	2.87	72.00	3.10	82.10	3.50	87.10	3.70	97.20	4.12
	82	46.80	2.02	56.90	2.51	67.00	3.00	72.00	3.25	82.10	3.69	87.10	3.92	97.20	4.38
	86	46.80	2.10	56.90	2.61	67.00	3.14	72.00	3.40	82.10	3.89	87.10	4.15	97.20	4.66
	90	46.80	2.20	56.90	2.74	67.00	3.29	72.00	3.56	82.10	4.11	87.10	4.40	97.20	4.98
	93	46.80	2.30	56.90	2.88	67.00	3.46	72.00	3.76	82.10	4.39	87.10	4.70	97.20	5.36
	95	46.80	2.37	56.90	2.97	67.00	3.57	72.00	3.87	82.10	4.54	87.10	4.88	97.20	5.56
	99	46.80	2.57	56.90	3.22	67.00	3.90	72.00	4.25	82.10	4.96	87.10	5.31	97.20	6.03
	102	46.80	2.81	56.90	3.55	67.00	4.30	72.00	4.68	82.10	5.42	87.10	5.79	97.20	6.54
	106	46.80	3.15	56.90	3.93	67.00	4.75	72.00	5.18	82.10	5.95	87.10	6.34	97.20	7.11
	111	46.80	3.70	56.90	4.64	67.00	5.62	72.00	6.12	82.10	6.86	87.10	7.23	97.20	7.97
	115	46.80	4.12	56.90	5.15	67.00	6.21	72.00	6.75	82.10	7.48	87.10	7.84	97.20	8.54
	118	46.80	4.67	56.90	5.81	67.00	6.92	72.00	7.45	82.10	8.16	87.10	8.50	97.20	9.14
	120	46.80	5.15	56.90	6.26	67.00	7.36	72.00	7.90	79.30	8.56	83.20	8.87	91.50	9.46
	122	46.80	5.51	56.90	6.70	67.00	7.88	72.00	8.45	79.30	9.16	79.00	8.69	86.90	9.27

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC144S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	128.20	12.74	125.30	13.68	123.80	13.99	122.30	14.61	118.90	15.55	115.60	16.79
	-17.8	-18.0	136.30	13.36	133.40	14.30	131.90	14.61	130.40	15.23	127.00	16.17	123.70	17.42
	-12.6	-13.0	148.50	14.30	145.50	15.23	144.00	15.55	142.60	16.17	139.20	17.10	135.80	18.35
	-7.1	-7.6	160.60	15.23	157.70	16.17	156.20	16.48	154.70	17.10	151.30	18.04	148.00	19.29
	-3.6	-4.0	168.70	15.86	165.80	16.79	164.30	17.10	162.80	17.73	159.40	18.66	154.90	19.91
	-1.8	-2.2	172.80	16.17	169.80	17.10	168.30	17.42	166.90	18.04	163.50	18.97	156.20	19.91
	2.0	1.0	180.90	16.79	177.90	17.73	176.40	18.04	175.00	18.66	171.60	19.60	158.80	19.91
	6.0	5.0	193.00	17.73	190.10	18.66	188.60	18.97	187.10	19.60	175.60	19.91	162.60	19.91
	10.0	9.0	201.10	18.35	198.20	19.29	196.70	19.60	191.20	19.91	178.20	19.91	165.20	19.91
	13.0	12.0	205.20	18.66	202.20	19.60	198.50	19.91	192.50	19.91	179.50	19.91	166.50	19.91
	17.0	15.0	217.30	19.60	207.20	19.91	202.40	19.91	196.30	19.91	183.40	19.91	170.40	19.91
	19.0	18.0	220.60	19.91	208.50	19.91	203.70	19.91	197.60	19.91	184.70	19.91	171.70	19.91
	23.0	21.0	223.20	19.91	211.10	19.91	206.30	19.91	200.20	19.91	187.30	19.91	174.30	19.91
	26.0	24.0	225.80	19.91	213.70	19.91	208.90	19.91	202.80	19.91	189.90	19.91	176.90	19.35
	30.0	28.0	228.40	19.91	216.30	19.91	211.50	19.91	205.40	19.91	192.50	19.91	176.90	17.89
	35.0	32.0	232.30	19.91	220.20	19.91	215.40	19.91	209.30	19.91	193.80	18.07	176.90	15.97
	39.0	36.0	234.90	19.91	222.70	19.91	218.00	19.82	210.60	18.83	193.80	16.78	176.90	14.85
	44.0	40.0	237.50	19.91	225.30	19.32	218.00	18.40	210.60	17.50	193.80	15.62	176.90	13.84
	47.0	43.0	238.80	19.91	225.30	18.62	218.00	17.74	210.60	16.88	193.80	15.08	176.90	13.38
	51.0	47.0	240.10	19.07	225.30	17.36	218.00	16.56	210.60	15.77	193.80	14.12	176.90	12.55
	54.0	50.0	240.10	17.80	225.30	16.24	218.00	15.50	210.60	14.78	193.80	13.26	176.90	11.82
	57.0	53.0	240.10	16.15	225.30	14.78	218.00	14.13	210.60	13.50	193.80	12.16	176.90	10.87
	60.0	56.0	240.10	15.21	225.30	13.95	218.00	13.35	210.60	12.76	193.80	11.53	176.90	10.34
120	-21.8	-22.0	124.50	13.68	121.80	14.61	120.40	14.92	119.10	15.55	116.00	16.48	112.90	17.42
	-17.8	-18.0	132.60	14.30	129.90	15.23	128.50	15.55	127.20	16.17	124.10	17.10	121.00	18.04
	-12.6	-13.0	144.80	15.23	142.00	16.17	140.70	16.48	139.30	17.10	136.20	18.04	133.10	18.97
	-7.1	-7.6	156.90	16.17	154.20	17.10	152.80	17.42	151.50	18.04	148.40	18.97	143.90	19.91
	-3.6	-4.0	165.00	16.79	162.30	17.73	160.90	18.04	159.60	18.66	156.50	19.60	146.50	19.91
	-1.8	-2.2	169.10	17.10	166.30	18.04	165.00	18.35	163.60	18.97	159.40	19.91	147.70	19.91
	2.0	1.0	177.20	17.73	174.40	18.66	173.10	18.97	171.70	19.60	162.00	19.91	150.30	19.91
	6.0	5.0	189.30	18.66	186.60	19.60	183.10	19.91	177.60	19.91	165.90	19.91	154.20	19.91
	10.0	9.0	197.40	19.29	191.20	19.91	185.60	19.91	180.10	19.91	168.50	19.91	156.80	19.91
	13.0	12.0	201.50	19.60	192.50	19.91	186.90	19.91	181.40	19.91	169.80	19.91	158.10	19.91
	17.0	15.0	206.10	19.91	196.30	19.91	190.80	19.91	185.30	19.91	173.70	19.91	162.00	19.91
	19.0	18.0	207.40	19.91	197.60	19.91	192.10	19.91	186.60	19.91	175.00	19.91	163.30	19.18
	23.0	21.0	210.00	19.91	200.20	19.91	194.70	19.91	189.20	19.91	177.60	19.91	163.30	17.70
	26.0	24.0	212.50	19.91	202.80	19.91	197.30	19.91	191.80	19.91	178.90	18.58	163.30	16.37
	30.0	28.0	215.10	19.91	205.40	19.91	199.90	19.91	194.40	19.37	178.90	17.19	163.30	15.15
	35.0	32.0	219.00	19.91	208.00	19.09	201.20	18.16	194.40	17.26	178.90	15.34	163.30	13.55
	39.0	36.0	221.60	19.51	208.00	17.70	201.20	16.84	194.40	16.02	178.90	14.26	163.30	12.62
	44.0	40.0	221.60	18.10	208.00	16.45	201.20	15.66	194.40	14.90	178.90	13.29	163.30	11.78
	47.0	43.0	221.60	17.45	208.00	15.87	201.20	15.12	194.40	14.39	178.90	12.85	163.30	11.40
	51.0	47.0	221.60	16.28	208.00	14.83	201.20	14.14	194.40	13.47	178.90	12.05	163.30	10.72
	54.0	50.0	221.60	15.23	208.00	13.90	201.20	13.27	194.40	12.65	178.90	11.35	163.30	10.11
	57.0	53.0	221.60	13.87	208.00	12.70	201.20	12.15	194.40	11.59	178.90	10.44	163.30	9.34
	60.0	56.0	221.60	13.09	208.00	12.02	201.20	11.51	194.40	10.99	178.90	9.93	163.30	8.90
110	-21.8	-22.0	120.80	14.92	118.30	15.55	117.10	15.86	115.80	16.48	113.00	17.10	106.40	17.42
	-17.8	-18.0	128.90	15.55	126.40	16.17	125.20	16.48	123.90	17.10	121.10	17.73	114.50	18.04
	-12.6	-13.0	141.10	16.48	138.60	17.10	137.30	17.42	136.10	18.04	133.20	18.66	126.70	18.97
	-7.1	-7.6	153.20	17.42	150.70	18.04	149.50	18.35	148.20	18.97	145.40	19.60	136.70	19.91
	-3.6	-4.0	161.30	18.04	158.80	18.66	157.60	18.97	156.30	19.60	148.40	19.91	139.30	19.91
	-1.8	-2.2	165.40	18.35	162.90	18.97	161.60	19.29	160.10	19.91	149.70	19.91	140.60	19.91
	2.0	1.0	173.50	18.97	171.00	19.60	167.60	19.91	162.60	19.91	152.30	19.91	143.20	19.91
	6.0	5.0	185.00	19.91	176.40	19.91	171.50	19.91	166.50	19.91	156.20	19.91	147.10	19.91
	10.0	9.0	187.60	19.91	179.00	19.91	174.10	19.91	169.10	19.91	158.80	19.91	149.70	19.80
	13.0	12.0	188.90	19.91	180.30	19.91	175.40	19.91	170.40	19.91	160.10	19.91	149.70	19.01
	17.0	15.0	192.80	19.91	184.20	19.91	179.30	19.91	174.30	19.91	163.90	19.17	149.70	16.83
	19.0	18.0	194.10	19.91	185.50	19.91	180.60	19.91	175.60	19.91	163.90	18.41	149.70	16.16
	23.0	21.0	196.70	19.91	188.10	19.91	183.10	19.91	178.20	19.18	163.90	16.99	149.70	14.93
	26.0	24.0	199.30	19.91	190.70	19.65	184.40	18.67	178.20	17.71	163.90	15.70	149.70	13.82
	30.0	28.0	201.90	19.91	190.70	18.16	184.40	17.26	178.20	16.38	163.90	14.54	149.70	12.81
	35.0	32.0	203.20	17.84	190.70	16.18	184.40	15.40	178.20	14.62	163.90	13.00	149.70	11.48
	39.0	36.0	203.20	16.55	190.70	15.03	184.40	14.30	178.20	13.59	163.90	12.11	149.70	10.71
	44.0	40.0	203.20	15.39	190.70	13.99	184.40	13.32	178.20	12.67	163.90	11.31	149.70	10.02
	47.0	43.0	203.20	14.85	190.70	13.51	184.40	12.87	178.20	12.25	163.90	10.94	149.70	9.70
	51.0	47.0	203.20	13.89	190.70	12.65	184.40	12.06	178.20	11.49	163.90	10.28	149.70	9.14
	54.0	50.0	203.20	13.03	190.70	11.89	184.40	11.34	178.20	10.82	163.90	9.70	149.70	8.64
	57.0	53.0	203.20	11.92	190.70	10.91	184.40	10.42	178.20	9.95	163.90	8.96	149.70	8.01
	60.0	56.0	203.20	11.28	190.70	10.35	184.40	9.89	178.20	9.46	163.90	8.54	149.70	7.65

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC144S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	117.10	15.86	114.90	16.48	113.70	16.79	112.60	17.30	106.10	17.42	99.60	17.73
	-17.8	-18.0	125.20	16.48	123.00	17.10	121.80	17.42	120.70	17.93	114.20	18.04	107.70	18.35
	-12.6	-13.0	137.40	17.42	135.10	18.04	134.00	18.35	132.80	18.86	126.40	18.97	119.90	19.29
	-7.1	-7.6	149.50	18.35	147.30	18.97	146.10	19.29	145.00	19.80	137.40	19.91	128.30	19.91
	-3.6	-4.0	157.60	18.97	155.40	19.60	152.10	19.91	149.00	19.91	140.00	19.91	130.90	19.91
	-1.8	-2.2	161.70	19.29	157.80	19.91	153.40	19.91	150.30	19.91	141.30	19.91	132.20	19.91
	2.0	1.0	169.10	19.91	160.40	19.91	156.00	19.91	152.90	19.91	143.90	19.91	134.80	19.91
	6.0	5.0	173.00	19.91	164.30	19.91	159.90	19.91	156.80	19.91	147.70	19.91	136.10	18.06
	10.0	9.0	175.60	19.91	166.90	19.91	162.50	19.91	159.40	19.91	149.00	18.95	136.10	16.64
	13.0	12.0	176.90	19.91	168.20	19.91	163.80	19.91	160.70	19.91	149.00	18.18	136.10	15.97
	17.0	15.0	180.80	19.91	172.00	19.91	167.70	19.19	162.00	18.20	149.00	16.10	136.10	14.15
	19.0	18.0	182.10	19.91	173.30	19.40	167.70	18.43	162.00	17.48	149.00	15.46	136.10	13.60
	23.0	21.0	184.70	19.80	173.30	17.90	167.70	17.01	162.00	16.14	149.00	14.29	136.10	12.57
	26.0	24.0	184.70	18.28	173.30	16.53	167.70	15.71	162.00	14.92	149.00	13.22	136.10	11.64
	30.0	28.0	184.70	16.90	173.30	15.30	167.70	14.54	162.00	13.81	149.00	12.25	136.10	10.80
	35.0	32.0	184.70	15.07	173.30	13.66	167.70	13.00	162.00	12.35	149.00	10.98	136.10	9.70
	39.0	36.0	184.70	14.00	173.30	12.71	167.70	12.10	162.00	11.50	149.00	10.24	136.10	9.06
	44.0	40.0	184.70	13.04	173.30	11.85	167.70	11.29	162.00	10.74	149.00	9.58	136.10	8.49
	47.0	43.0	184.70	12.60	173.30	11.46	167.70	10.92	162.00	10.39	149.00	9.28	136.10	8.23
	51.0	47.0	184.70	11.81	173.30	10.76	167.70	10.26	162.00	9.77	149.00	8.74	136.10	7.77
	54.0	50.0	184.70	11.11	173.30	10.14	167.70	9.67	162.00	9.22	149.00	8.27	136.10	7.36
	57.0	53.0	184.70	10.20	173.30	9.34	167.70	8.92	162.00	8.51	149.00	7.66	136.10	6.84
	60.0	56.0	184.70	9.69	173.30	8.88	167.70	8.50	162.00	8.11	149.00	7.32	136.10	6.55
90	-21.8	-22.0	113.40	17.10	109.60	17.42	107.00	17.42	104.50	17.42	98.70	17.73	92.80	17.73
	-17.8	-18.0	121.50	17.73	117.70	18.04	115.10	18.04	112.60	18.04	106.80	18.35	100.90	18.35
	-12.6	-13.0	133.70	18.66	129.80	18.97	127.30	18.97	124.70	18.97	118.90	19.29	113.10	19.29
	-7.1	-7.6	145.80	19.60	141.80	19.91	137.90	19.91	135.40	19.91	127.70	19.91	119.90	19.91
	-3.6	-4.0	150.70	19.91	144.30	19.91	140.50	19.91	138.00	19.91	130.30	19.91	122.50	19.79
	-1.8	-2.2	152.00	19.91	145.60	19.91	141.80	19.91	139.30	19.91	131.50	19.91	122.50	18.98
	2.0	1.0	154.50	19.91	148.20	19.91	144.40	19.91	141.90	19.91	134.10	19.91	122.50	17.48
	6.0	5.0	158.40	19.91	152.10	19.91	148.30	19.91	145.80	19.89	134.10	17.59	122.50	15.44
	10.0	9.0	161.00	19.91	154.70	19.91	150.90	19.33	145.80	18.32	134.10	16.20	122.50	14.23
	13.0	12.0	162.30	19.91	156.00	19.55	150.90	18.55	145.80	17.58	134.10	15.55	122.50	13.66
	17.0	15.0	166.20	19.13	156.00	17.30	150.90	16.42	145.80	15.57	134.10	13.78	122.50	12.12
	19.0	18.0	166.20	18.37	156.00	16.61	150.90	15.77	145.80	14.96	134.10	13.24	122.50	11.65
	23.0	21.0	166.20	16.95	156.00	15.34	150.90	14.57	145.80	13.82	134.10	12.24	122.50	10.78
	26.0	24.0	166.20	15.67	156.00	14.19	150.90	13.48	145.80	12.79	134.10	11.34	122.50	9.99
	30.0	28.0	166.20	14.50	156.00	13.14	150.90	12.49	145.80	11.85	134.10	10.53	122.50	9.29
	35.0	32.0	166.20	12.96	156.00	11.76	150.90	11.19	145.80	10.63	134.10	9.46	122.50	8.36
	39.0	36.0	166.20	12.07	156.00	10.96	150.90	10.43	145.80	9.92	134.10	8.84	122.50	7.82
	44.0	40.0	166.20	11.27	156.00	10.25	150.90	9.76	145.80	9.28	134.10	8.28	122.50	7.35
	47.0	43.0	166.20	10.90	156.00	9.92	150.90	9.45	145.80	8.99	134.10	8.03	122.50	7.13
	51.0	47.0	166.20	10.24	156.00	9.34	150.90	8.90	145.80	8.47	134.10	7.58	122.50	6.75
	54.0	50.0	166.20	9.66	156.00	8.82	150.90	8.41	145.80	8.02	134.10	7.19	122.50	6.41
	57.0	53.0	166.20	8.92	156.00	8.16	150.90	7.79	145.80	7.43	134.10	6.69	122.50	5.98
	60.0	56.0	166.20	8.50	156.00	7.79	150.90	7.44	145.80	7.11	134.10	6.41	122.50	5.74
80	-21.8	-22.0	105.50	17.42	100.90	17.73	98.70	17.73	96.40	17.73	91.20	18.04	86.00	17.86
	-17.8	-18.0	113.60	18.04	109.00	18.35	106.80	18.35	104.50	18.35	99.30	18.66	94.10	18.49
	-12.6	-13.0	125.70	18.97	121.20	19.29	118.90	19.29	116.60	19.29	111.50	19.60	106.30	19.42
	-7.1	-7.6	136.10	19.91	129.60	19.91	126.40	19.91	124.40	19.91	117.90	19.91	108.90	18.17
	-3.6	-4.0	138.70	19.91	132.20	19.91	129.00	19.91	127.00	19.91	119.20	19.02	108.90	16.72
	-1.8	-2.2	140.00	19.91	133.50	19.91	130.30	19.91	128.30	19.91	119.20	18.25	108.90	16.04
	2.0	1.0	142.60	19.91	136.10	19.91	132.80	19.91	129.60	19.00	119.20	16.80	108.90	14.77
	6.0	5.0	146.40	19.91	138.70	18.67	134.10	17.72	129.60	16.79	119.20	14.85	108.90	13.06
	10.0	9.0	147.70	19.05	138.70	17.20	134.10	16.32	129.60	15.47	119.20	13.68	108.90	12.04
	13.0	12.0	147.70	18.28	138.70	16.51	134.10	15.67	129.60	14.85	119.20	13.14	108.90	11.56
	17.0	15.0	147.70	16.18	138.70	14.62	134.10	13.88	129.60	13.16	119.20	11.65	108.90	10.26
	19.0	18.0	147.70	15.55	138.70	14.05	134.10	13.34	129.60	12.65	119.20	11.20	108.90	9.87
	23.0	21.0	147.70	14.36	138.70	12.99	134.10	12.33	129.60	11.70	119.20	10.37	108.90	9.14
	26.0	24.0	147.70	13.29	138.70	12.02	134.10	11.42	129.60	10.84	119.20	9.61	108.90	8.48
	30.0	28.0	147.70	12.32	138.70	11.16	134.10	10.60	129.60	10.07	119.20	8.94	108.90	7.89
	35.0	32.0	147.70	11.04	138.70	10.01	134.10	9.53	129.60	9.05	119.20	8.05	108.90	7.12
	39.0	36.0	147.70	10.30	138.70	9.35	134.10	8.90	129.60	8.46	119.20	7.53	108.90	6.68
	44.0	40.0	147.70	9.63	138.70	8.76	134.10	8.34	129.60	7.94	119.20	7.08	108.90	6.28
	47.0	43.0	147.70	9.33	138.70	8.49	134.10	8.09	129.60	7.70	119.20	6.87	108.90	6.10
	51.0	47.0	147.70	8.79	138.70	8.01	134.10	7.64	129.60	7.28	119.20	6.50	108.90	5.78
	54.0	50.0	147.70	8.31	138.70	7.59	134.10	7.24	129.60	6.90	119.20	6.18	108.90	5.51
	57.0	53.0	147.70	7.71	138.70	7.05	134.10	6.74	129.60	6.43	119.20	5.77	108.90	5.15
	60.0	56.0	147.70	7.36	138.70	6.75	134.10	6.45	129.60	6.17	119.20	5.54	108.90	4.96

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC144S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	96.20	18.04	92.30	18.04	90.30	18.04	88.30	18.04	83.80	16.80	79.20	16.56
	-17.8	-18.0	104.30	18.66	100.40	18.66	98.40	18.66	96.40	18.66	91.90	17.42	87.30	17.18
	-12.6	-13.0	116.50	19.60	112.50	19.60	110.50	19.60	108.50	19.60	104.00	18.35	95.30	17.09
	-7.1	-7.6	122.80	19.91	118.70	19.91	116.10	19.91	113.40	19.42	104.30	17.18	95.30	15.09
	-3.6	-4.0	125.40	19.91	121.30	19.87	117.40	18.84	113.40	17.88	104.30	15.82	95.30	13.89
	-1.8	-2.2	126.70	19.91	121.30	19.06	117.40	18.07	113.40	17.16	104.30	15.18	95.30	13.33
	2.0	1.0	129.30	19.45	121.30	17.55	117.40	16.64	113.40	15.79	104.30	13.97	95.30	12.28
	6.0	5.0	129.30	17.18	121.30	15.51	117.40	14.70	113.40	13.96	104.30	12.35	95.30	10.86
	10.0	9.0	129.30	15.83	121.30	14.29	117.40	13.55	113.40	12.86	104.30	11.39	95.30	10.01
	13.0	12.0	129.30	15.20	121.30	13.72	117.40	13.01	113.40	12.35	104.30	10.94	95.30	9.62
	17.0	15.0	129.30	13.47	121.30	12.17	117.40	11.54	113.40	10.96	104.30	9.71	95.30	8.55
	19.0	18.0	129.30	12.95	121.30	11.70	117.40	11.10	113.40	10.54	104.30	9.34	95.30	8.23
	23.0	21.0	129.30	11.97	121.30	10.82	117.40	10.27	113.40	9.76	104.30	8.66	95.30	7.63
	26.0	24.0	129.30	11.10	121.30	10.04	117.40	9.53	113.40	9.05	104.30	8.04	95.30	7.09
	30.0	28.0	129.30	10.30	121.30	9.33	117.40	8.86	113.40	8.42	104.30	7.48	95.30	6.61
	35.0	32.0	129.30	9.26	121.30	8.39	117.40	7.98	113.40	7.59	104.30	6.76	95.30	5.98
	39.0	36.0	129.30	8.66	121.30	7.86	117.40	7.48	113.40	7.11	104.30	6.34	95.30	5.62
	44.0	40.0	129.30	8.12	121.30	7.38	117.40	7.03	113.40	6.68	104.30	5.97	95.30	5.30
	47.0	43.0	129.30	7.88	121.30	7.16	117.40	6.82	113.40	6.49	104.30	5.80	95.30	5.15
	51.0	47.0	129.30	7.45	121.30	6.77	117.40	6.46	113.40	6.15	104.30	5.50	95.30	4.90
	54.0	50.0	129.30	7.07	121.30	6.44	117.40	6.14	113.40	5.85	104.30	5.24	95.30	4.67
	57.0	53.0	129.30	6.58	121.30	6.01	117.40	5.74	113.40	5.47	104.30	4.91	95.30	4.39
	60.0	56.0	129.30	6.31	121.30	5.76	117.40	5.51	113.40	5.25	104.30	4.73	95.30	4.23
60	-21.8	-22.0	87.00	18.35	83.60	17.21	81.90	17.29	80.20	16.31	76.30	15.26	72.40	14.20
	-17.8	-18.0	95.10	18.97	91.70	17.84	90.00	17.91	88.30	16.93	84.40	15.88	80.50	14.82
	-12.6	-13.0	106.90	19.91	103.80	18.77	100.60	18.85	97.20	17.87	89.40	15.84	81.70	13.93
	-7.1	-7.6	110.80	19.47	104.00	17.57	100.60	16.65	97.20	15.78	89.40	13.99	81.70	12.31
	-3.6	-4.0	110.80	17.92	104.00	16.17	100.60	15.33	97.20	14.53	89.40	12.88	81.70	11.33
	-1.8	-2.2	110.80	17.19	104.00	15.52	100.60	14.71	97.20	13.94	89.40	12.35	81.70	10.87
	2.0	1.0	110.80	15.83	104.00	14.29	100.60	13.54	97.20	12.83	89.40	11.38	81.70	10.01
	6.0	5.0	110.80	13.99	104.00	12.63	100.60	11.97	97.20	11.35	89.40	10.06	81.70	8.86
	10.0	9.0	110.80	12.89	104.00	11.64	100.60	11.04	97.20	10.47	89.40	9.28	81.70	8.18
	13.0	12.0	110.80	12.38	104.00	11.19	100.60	10.61	97.20	10.06	89.40	8.92	81.70	7.86
	17.0	15.0	110.80	10.99	104.00	9.93	100.60	9.42	97.20	8.94	89.40	7.93	81.70	6.99
	19.0	18.0	110.80	10.57	104.00	9.55	100.60	9.06	97.20	8.60	89.40	7.63	81.70	6.73
	23.0	21.0	110.80	9.79	104.00	8.85	100.60	8.40	97.20	7.97	89.40	7.08	81.70	6.25
	26.0	24.0	110.80	9.08	104.00	8.22	100.60	7.81	97.20	7.41	89.40	6.59	81.70	5.82
	30.0	28.0	110.80	8.45	104.00	7.65	100.60	7.27	97.20	6.90	89.40	6.14	81.70	5.43
	35.0	32.0	110.80	7.62	104.00	6.91	100.60	6.57	97.20	6.24	89.40	5.56	81.70	4.92
	39.0	36.0	110.80	7.14	104.00	6.48	100.60	6.17	97.20	5.86	89.40	5.23	81.70	4.63
	44.0	40.0	110.80	6.71	104.00	6.10	100.60	5.81	97.20	5.52	89.40	4.93	81.70	4.38
	47.0	43.0	110.80	6.52	104.00	5.93	100.60	5.65	97.20	5.37	89.40	4.80	81.70	4.26
	51.0	47.0	110.80	6.18	104.00	5.63	100.60	5.37	97.20	5.10	89.40	4.57	81.70	4.06
	54.0	50.0	110.80	5.88	104.00	5.36	100.60	5.12	97.20	4.87	89.40	4.36	81.70	3.88
	57.0	53.0	110.80	5.50	104.00	5.02	100.60	4.80	97.20	4.57	89.40	4.10	81.70	3.66
	60.0	56.0	110.80	5.29	104.00	4.84	100.60	4.62	97.20	4.40	89.40	3.96	81.70	3.53
50	-21.8	-22.0	77.80	16.86	74.90	16.14	73.50	15.28	72.10	14.40	68.90	13.57	65.60	12.68
	-17.8	-18.0	85.90	17.48	83.00	16.77	81.60	15.90	80.20	15.02	74.50	14.20	68.00	12.47
	-12.6	-13.0	92.30	17.37	86.70	15.73	83.80	14.93	81.00	14.12	74.50	12.54	68.00	11.01
	-7.1	-7.6	92.30	15.34	86.70	13.89	83.80	13.18	81.00	12.47	74.50	11.08	68.00	9.73
	-3.6	-4.0	92.30	14.12	86.70	12.79	83.80	12.14	81.00	11.48	74.50	10.20	68.00	8.95
	-1.8	-2.2	92.30	13.55	86.70	12.27	83.80	11.64	81.00	11.02	74.50	9.79	68.00	8.59
	2.0	1.0	92.30	12.48	86.70	11.30	83.80	10.72	81.00	10.15	74.50	9.01	68.00	7.92
	6.0	5.0	92.30	11.04	86.70	9.99	83.80	9.49	81.00	8.98	74.50	7.98	68.00	7.01
	10.0	9.0	92.30	10.18	86.70	9.22	83.80	8.76	81.00	8.29	74.50	7.37	68.00	6.47
	13.0	12.0	92.30	9.78	86.70	8.86	83.80	8.41	81.00	7.97	74.50	7.08	68.00	6.23
	17.0	15.0	92.30	8.70	86.70	7.88	83.80	7.49	81.00	7.09	74.50	6.31	68.00	5.55
	19.0	18.0	92.30	8.37	86.70	7.59	83.80	7.21	81.00	6.83	74.50	6.07	68.00	5.35
	23.0	21.0	92.30	7.76	86.70	7.04	83.80	6.69	81.00	6.34	74.50	5.64	68.00	4.97
	26.0	24.0	92.30	7.22	86.70	6.55	83.80	6.22	81.00	5.90	74.50	5.25	68.00	4.63
	30.0	28.0	92.30	6.73	86.70	6.11	83.80	5.81	81.00	5.51	74.50	4.91	68.00	4.33
	35.0	32.0	92.30	6.09	86.70	5.53	83.80	5.26	81.00	5.00	74.50	4.46	68.00	3.94
	39.0	36.0	92.30	5.72	86.70	5.20	83.80	4.95	81.00	4.71	74.50	4.20	68.00	3.72
	44.0	40.0	92.30	5.40	86.70	4.91	83.80	4.68	81.00	4.45	74.50	3.97	68.00	3.52
	47.0	43.0	92.30	5.25	86.70	4.78	83.80	4.55	81.00	4.33	74.50	3.87	68.00	3.43
	51.0	47.0	92.30	4.99	86.70	4.55	83.80	4.33	81.00	4.13	74.50	3.69	68.00	3.27
	54.0	50.0	92.30	4.77	86.70	4.35	83.80	4.14	81.00	3.95	74.50	3.53	68.00	3.14
	57.0	53.0	92.30	4.48	86.70	4.09	83.80	3.90	81.00	3.72	74.50	3.34	68.00	2.97
	60.0	56.0	92.30	4.32	86.70	3.95	83.80	3.76	81.00	3.60	74.50	3.23	68.00	2.87

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC168S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	142.00	3.67	172.50	4.98	203.10	6.27	218.40	7.06	241.70	8.01	266.85	8.48	282.51	9.21
	10	142.00	3.86	172.50	5.19	203.10	6.50	218.40	7.28	241.70	8.22	264.21	8.65	279.71	9.35
	14	142.00	4.06	172.50	5.41	203.10	6.74	218.40	7.51	241.70	8.43	261.60	8.83	276.94	9.49
	23	142.00	4.27	172.50	5.64	203.10	6.98	218.40	7.74	241.70	8.65	259.01	9.01	274.20	9.63
	27	142.00	4.49	172.50	5.88	203.10	7.23	218.40	7.98	241.70	8.87	256.44	9.19	271.48	9.78
	32	142.00	4.73	172.50	6.12	203.10	7.49	218.40	8.23	241.70	9.10	253.90	9.38	268.80	9.93
	37	142.00	4.98	172.50	6.37	203.10	7.76	218.40	8.48	241.70	9.33	251.39	9.57	266.14	10.08
	41	142.00	5.24	172.50	6.64	203.10	8.04	218.40	8.74	241.70	9.57	248.90	9.77	263.50	10.23
	46	142.00	5.35	172.50	6.76	203.10	8.17	218.40	8.87	239.10	9.63	246.40	9.87	261.00	10.38
	50	142.00	5.45	172.50	6.87	203.10	8.30	218.40	9.02	237.50	9.73	244.70	9.98	259.30	10.53
	54	142.00	5.61	172.50	7.04	203.10	8.48	218.40	9.21	235.80	9.86	243.10	10.14	257.60	10.78
	57	142.00	5.77	172.50	7.21	203.10	8.69	218.40	9.44	234.10	10.08	241.40	10.38	255.90	11.03
	61	142.00	5.95	172.50	7.45	203.10	8.97	217.80	9.73	232.40	10.30	239.70	10.63	254.30	11.37
	64	142.00	6.20	172.50	7.71	203.10	9.27	216.20	9.94	230.70	10.61	238.00	10.98	252.60	11.79
	68	142.00	6.43	172.50	7.99	203.10	9.64	214.50	10.27	229.10	11.01	236.30	11.43	250.90	12.39
	72	142.00	6.71	172.50	8.33	203.10	10.11	212.80	10.71	227.40	11.55	234.70	12.03	249.20	13.11
	75	142.00	7.00	172.50	8.74	203.10	10.68	211.10	11.27	225.70	12.19	233.00	12.72	247.50	14.04
	79	142.00	7.35	172.50	9.24	202.20	11.33	209.40	11.92	224.00	12.96	231.30	13.61	245.90	15.03
	82	142.00	7.78	172.50	9.83	200.50	11.97	207.80	12.67	222.30	13.88	229.60	14.54	244.20	16.18
	86	142.00	8.26	172.50	10.51	198.80	12.80	206.10	13.59	220.70	14.80	227.90	15.55	242.50	17.48
	90	142.00	8.85	172.50	11.34	197.10	13.70	204.40	14.46	219.00	15.82	226.30	16.72	233.30	18.09
	93	142.00	9.53	172.50	12.34	195.40	14.55	200.20	15.11	211.50	16.45	217.80	17.31	223.80	17.98
	95	142.00	10.00	172.50	12.83	194.00	14.93	195.70	15.27	206.90	16.66	213.20	17.52	219.10	17.68
	99	142.00	10.93	172.50	13.80	184.80	15.23	186.60	15.61	197.50	16.97	203.90	17.39	209.60	17.12
	102	142.00	11.81	172.50	14.95	175.70	15.50	177.50	15.85	188.10	16.60	194.60	16.85	200.10	16.57
	106	142.00	12.78	162.50	15.10	166.60	15.71	168.40	15.85	178.80	16.09	185.30	16.36	190.70	16.04
	111	142.00	14.70	147.40	15.27	152.90	15.38	154.70	15.16	164.70	15.39	171.40	15.68	176.50	15.29
	115	131.10	14.67	137.30	15.14	143.70	15.03	145.70	14.79	155.40	14.99	162.10	15.29	167.00	14.84
	118	120.30	14.80	127.20	14.78	134.60	14.77	136.60	14.50	146.00	14.64	152.80	14.95	157.50	14.43
	120	114.90	14.59	122.20	14.65	130.00	14.68	132.00	14.39	141.30	14.50	143.70	14.24	148.50	13.73
	122	108.00	13.86	114.90	13.92	122.20	13.95	124.10	13.67	132.80	13.78	135.10	13.53	139.60	13.04
120	5	131.00	3.38	159.30	4.58	187.50	5.72	201.60	6.44	229.80	7.61	242.00	8.29	276.61	9.06
	10	131.00	3.56	159.30	4.77	187.50	5.93	201.60	6.64	229.80	7.80	242.00	8.46	273.87	9.20
	14	131.00	3.75	159.30	4.97	187.50	6.15	201.60	6.85	229.80	8.00	242.00	8.63	271.16	9.34
	23	131.00	3.95	159.30	5.18	187.50	6.37	201.60	7.06	229.80	8.21	242.00	8.81	268.48	9.48
	27	131.00	4.16	159.30	5.40	187.50	6.60	201.60	7.28	229.80	8.42	242.00	8.99	265.82	9.62
	32	131.00	4.38	159.30	5.63	187.50	6.84	201.60	7.51	229.80	8.64	242.00	9.17	263.19	9.77
	37	131.00	4.61	159.30	5.86	187.50	7.09	201.60	7.74	229.80	8.86	242.00	9.36	260.58	9.92
	41	131.00	4.85	159.30	6.10	187.50	7.35	201.60	7.98	229.80	9.09	242.00	9.55	258.00	10.07
	46	131.00	4.95	159.30	6.21	187.50	7.47	201.60	8.09	229.80	9.25	239.50	9.61	255.50	10.17
	50	131.00	5.04	159.30	6.30	187.50	7.58	201.60	8.21	229.80	9.41	237.80	9.69	253.80	10.29
	54	131.00	5.16	159.30	6.44	187.50	7.73	201.60	8.38	228.10	9.52	236.20	9.82	252.20	10.47
	57	131.00	5.30	159.30	6.59	187.50	7.90	201.60	8.57	226.50	9.68	234.50	10.01	250.50	10.70
	61	131.00	5.44	159.30	6.78	187.50	8.14	201.60	8.84	224.80	9.89	232.80	10.23	248.80	10.98
	64	131.00	5.64	159.30	7.00	187.50	8.40	201.60	9.12	223.10	10.14	231.10	10.53	247.10	11.35
	68	131.00	5.82	159.30	7.23	187.50	8.72	201.60	9.49	221.40	10.49	229.40	10.91	245.40	11.85
	72	131.00	6.06	159.30	7.54	187.50	9.11	201.60	9.96	219.70	10.95	227.80	11.43	243.80	12.47
	75	131.00	6.33	159.30	7.89	187.50	9.61	201.60	10.54	218.10	11.54	226.10	12.07	242.10	13.27
	79	131.00	6.65	159.30	8.35	187.50	10.23	200.40	11.20	216.40	12.25	224.40	12.85	240.40	14.21
	82	131.00	7.06	159.30	8.87	187.50	10.97	198.70	11.91	214.70	13.11	222.70	13.76	238.70	15.21
	86	131.00	7.48	159.30	9.50	187.50	11.83	197.00	12.78	213.00	14.02	221.00	14.71	237.00	16.28
	90	131.00	8.00	159.30	10.21	187.30	12.82	195.30	13.66	211.30	14.96	219.40	15.70	229.80	16.96
	93	131.00	8.59	159.30	11.11	185.70	13.70	193.70	14.57	206.80	15.70	212.40	16.30	220.40	17.39
	95	131.00	8.98	159.30	11.57	184.80	14.14	192.80	15.02	202.20	15.86	207.90	16.49	215.70	17.57
	99	131.00	9.81	159.30	12.53	183.10	15.07	184.40	15.33	193.00	16.15	198.90	16.82	206.30	16.99
	102	131.00	10.67	159.30	13.56	174.40	15.31	175.80	15.56	183.80	16.31	189.90	16.55	196.90	16.46
	106	131.00	11.60	159.30	14.76	165.60	15.50	167.20	15.72	174.60	15.84	180.90	16.10	187.50	15.94
	111	131.00	13.32	145.20	14.87	152.50	15.47	154.30	15.34	160.80	15.17	167.40	15.48	173.40	15.21
	115	131.00	14.62	135.70	14.88	143.70	15.18	145.70	15.06	151.60	14.79	158.40	15.12	164.00	14.77
	118	122.10	14.84	126.30	14.61	135.00	15.01	137.10	14.88	142.40	14.48	149.40	14.84	154.60	14.39
	120	117.60	14.77	121.60	14.55	130.60	14.98	132.80	14.84	137.80	14.36	140.30	14.13	145.50	13.69
	122	110.50	14.03	114.30	13.82	122.80	14.23	124.80	14.10	129.50	13.64	131.90	13.42	136.80	13.01

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC168S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	120.10	3.13	146.00	4.18	171.90	5.19	184.80	5.83	210.70	6.89	223.60	7.60	249.10	8.78
	10	120.10	3.29	146.00	4.35	171.90	5.38	184.80	6.01	210.70	7.07	223.60	7.76	249.10	8.91
	14	120.10	3.46	146.00	4.53	171.90	5.58	184.80	6.20	210.70	7.25	223.60	7.92	249.10	9.05
	23	120.10	3.64	146.00	4.72	171.90	5.78	184.80	6.39	210.70	7.44	223.60	8.08	249.10	9.19
	27	120.10	3.83	146.00	4.92	171.90	5.99	184.80	6.59	210.70	7.63	223.60	8.24	249.10	9.33
	32	120.10	4.03	146.00	5.13	171.90	6.21	184.80	6.79	210.70	7.83	223.60	8.41	249.10	9.47
	37	120.10	4.24	146.00	5.34	171.90	6.44	184.80	7.00	210.70	8.03	223.60	8.58	249.10	9.61
	41	120.10	4.46	146.00	5.56	171.90	6.67	184.80	7.22	210.70	8.24	223.60	8.75	249.10	9.76
	46	120.10	4.56	146.00	5.66	171.90	6.77	184.80	7.32	210.70	8.37	223.60	8.90	246.50	9.81
	50	120.10	4.63	146.00	5.74	171.90	6.86	184.80	7.42	210.70	8.49	223.60	9.03	244.90	9.89
	54	120.10	4.72	146.00	5.84	171.90	6.98	184.80	7.56	210.70	8.66	223.60	9.22	243.20	10.02
	57	120.10	4.82	146.00	5.97	171.90	7.13	184.80	7.72	210.70	8.87	223.60	9.45	241.50	10.21
	61	120.10	4.94	146.00	6.12	171.90	7.33	184.80	7.95	210.70	9.13	222.40	9.66	239.80	10.44
	64	120.10	5.09	146.00	6.29	171.90	7.55	184.80	8.20	210.70	9.43	220.70	9.91	238.10	10.76
	68	120.10	5.23	146.00	6.49	171.90	7.82	184.80	8.50	210.30	9.79	219.00	10.23	236.50	11.17
	72	120.10	5.42	146.00	6.75	171.90	8.15	184.80	8.89	208.60	10.17	217.30	10.66	234.80	11.71
	75	120.10	5.67	146.00	7.07	171.90	8.58	184.80	9.37	206.90	10.68	215.60	11.22	233.10	12.39
	79	120.10	5.96	146.00	7.47	171.90	9.11	184.80	10.01	205.20	11.33	214.00	11.93	231.40	13.23
	82	120.10	6.33	146.00	7.94	171.90	9.79	184.80	10.82	203.60	12.12	212.30	12.77	229.70	14.16
	86	120.10	6.72	146.00	8.51	171.90	10.58	184.40	11.71	201.90	12.98	210.60	13.66	228.10	15.12
	90	120.10	7.17	146.00	9.15	171.90	11.48	182.70	12.56	200.20	13.91	208.90	14.61	222.80	15.77
	93	120.10	7.68	146.00	9.93	171.90	12.44	181.10	13.50	198.50	14.81	206.40	15.45	213.90	16.12
	95	120.10	8.00	146.00	10.34	171.50	12.96	180.20	13.93	197.70	15.27	202.10	15.60	209.40	16.29
	99	120.10	8.72	146.00	11.27	169.80	13.81	178.50	14.81	189.60	15.58	193.50	15.88	200.60	16.64
	102	120.10	9.53	146.00	12.24	167.70	14.67	171.90	15.16	181.20	15.80	184.80	16.12	191.70	16.14
	106	120.10	10.45	146.00	13.31	159.50	14.81	163.30	15.26	172.80	15.85	176.20	15.81	182.80	15.67
	111	120.10	12.01	146.00	15.01	147.10	14.88	150.40	15.09	160.20	15.35	163.30	15.25	169.40	15.03
	115	120.10	13.10	136.30	14.84	138.80	14.69	141.70	14.82	151.80	15.09	154.70	14.95	160.50	14.66
	118	120.10	14.27	126.60	14.61	130.50	14.58	133.10	14.65	143.40	14.93	146.10	14.73	151.60	14.35
	120	117.10	14.41	121.70	14.55	126.40	14.59	128.80	14.62	134.20	14.21	137.00	14.01	142.60	13.64
	122	110.10	13.69	114.40	13.82	118.80	13.86	121.10	13.89	126.10	13.50	128.80	13.31	134.00	12.96
100	5	109.20	2.85	132.70	3.77	156.20	4.66	168.00	5.22	191.50	6.19	203.30	6.83	226.80	7.91
	10	109.20	3.00	132.70	3.93	156.20	4.83	168.00	5.38	191.50	6.35	203.30	6.97	226.80	8.03
	14	109.20	3.16	132.70	4.09	156.20	5.01	168.00	5.55	191.50	6.51	203.30	7.11	226.80	8.15
	23	109.20	3.33	132.70	4.26	156.20	5.19	168.00	5.72	191.50	6.68	203.30	7.25	226.80	8.27
	27	109.20	3.50	132.70	4.44	156.20	5.38	168.00	5.90	191.50	6.85	203.30	7.40	226.80	8.40
	32	109.20	3.68	132.70	4.63	156.20	5.57	168.00	6.08	191.50	7.03	203.30	7.55	226.80	8.53
	37	109.20	3.87	132.70	4.82	156.20	5.77	168.00	6.27	191.50	7.21	203.30	7.70	226.80	8.66
	41	109.20	4.07	132.70	5.02	156.20	5.98	168.00	6.46	191.50	7.39	203.30	7.86	226.80	8.79
	46	109.20	4.16	132.70	5.12	156.20	6.07	168.00	6.55	191.50	7.49	203.30	7.97	226.80	8.91
	50	109.20	4.22	132.70	5.18	156.20	6.15	168.00	6.63	191.50	7.59	203.30	8.07	226.80	9.03
	54	109.20	4.28	132.70	5.25	156.20	6.25	168.00	6.75	191.50	7.73	203.30	8.22	226.80	9.22
	57	109.20	4.35	132.70	5.35	156.20	6.37	168.00	6.89	191.50	7.89	203.30	8.40	226.80	9.44
	61	109.20	4.44	132.70	5.47	156.20	6.53	168.00	7.07	191.50	8.10	203.30	8.63	226.80	9.70
	64	109.20	4.54	132.70	5.61	156.20	6.71	168.00	7.28	191.50	8.36	203.30	8.92	226.80	10.06
	68	109.20	4.64	132.70	5.76	156.20	6.94	168.00	7.55	191.50	8.68	203.30	9.27	226.80	10.53
	72	109.20	4.78	132.70	5.98	156.20	7.22	168.00	7.86	191.50	9.09	203.30	9.73	226.80	11.09
	75	109.20	5.00	132.70	6.26	156.20	7.58	168.00	8.26	191.50	9.60	203.30	10.30	226.80	11.78
	79	109.20	5.29	132.70	6.61	156.20	8.03	168.00	8.78	191.50	10.26	203.30	11.03	226.80	12.68
	82	109.20	5.61	132.70	7.03	156.20	8.62	168.00	9.50	191.50	11.13	203.30	11.96	226.80	13.69
	86	109.20	5.98	132.70	7.54	156.20	9.37	168.00	10.39	191.50	12.07	203.30	12.95	226.10	14.74
	90	109.20	6.35	132.70	8.13	156.20	10.18	168.00	11.32	191.50	13.08	203.30	14.03	218.70	15.18
	93	109.20	6.80	132.70	8.79	156.20	11.06	168.00	12.28	191.50	14.22	199.20	14.74	210.50	15.44
	95	109.20	7.05	132.70	9.16	156.20	11.54	168.00	12.92	191.50	14.74	195.20	14.86	206.50	15.58
	99	109.20	7.64	132.70	10.00	156.20	12.62	168.00	13.94	183.60	14.93	187.10	15.05	198.30	15.86
	102	109.20	8.37	132.70	10.97	156.20	13.61	168.00	14.95	175.60	15.09	179.10	15.24	190.20	16.11
	106	109.20	9.31	132.70	11.94	156.20	14.61	159.40	14.94	167.70	15.24	171.00	15.37	182.10	15.84
	111	109.20	10.74	132.70	13.40	145.60	14.80	146.40	14.82	155.70	15.07	158.90	14.98	169.90	15.36
	115	109.20	11.66	132.70	14.39	138.60	14.83	137.80	14.58	147.80	14.87	150.80	14.75	161.80	15.10
	118	109.20	12.58	126.00	14.49	131.50	14.94	129.20	14.42	139.80	14.78	142.70	14.62	148.70	14.30
	120	109.20	13.03	117.10	13.80	122.20	14.19	124.90	14.40	130.70	14.06	133.60	13.90	139.60	13.60
	122	102.60	12.38	110.10	13.11	114.90	13.48	117.40	13.68	122.90	13.36	125.60	13.21	131.20	12.92

1) The performance table shows the average value of each condition.
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1. Capacity table

VPC/VRC168S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	98.30	2.57	119.40	3.39	140.60	4.17	151.20	4.66	172.40	5.52	183.00	6.07	204.10	7.02
	10	98.30	2.71	119.40	3.53	140.60	4.32	151.20	4.80	172.40	5.66	183.00	6.19	204.10	7.13
	14	98.30	2.85	119.40	3.68	140.60	4.48	151.20	4.95	172.40	5.80	183.00	6.32	204.10	7.24
	23	98.30	3.00	119.40	3.83	140.60	4.64	151.20	5.10	172.40	5.95	183.00	6.45	204.10	7.35
	27	98.30	3.16	119.40	3.99	140.60	4.81	151.20	5.26	172.40	6.10	183.00	6.58	204.10	7.46
	32	98.30	3.33	119.40	4.16	140.60	4.98	151.20	5.42	172.40	6.26	183.00	6.71	204.10	7.57
	37	98.30	3.50	119.40	4.33	140.60	5.16	151.20	5.59	172.40	6.42	183.00	6.85	204.10	7.69
	41	98.30	3.68	119.40	4.51	140.60	5.35	151.20	5.76	172.40	6.58	183.00	6.99	204.10	7.81
	46	98.30	3.76	119.40	4.60	140.60	5.44	151.20	5.85	172.40	6.68	183.00	7.09	204.10	7.91
	50	98.30	3.82	119.40	4.66	140.60	5.50	151.20	5.93	172.40	6.75	183.00	7.17	204.10	8.00
	54	98.30	3.88	119.40	4.73	140.60	5.59	151.20	6.02	172.40	6.86	183.00	7.28	204.10	8.14
	57	98.30	3.95	119.40	4.81	140.60	5.69	151.20	6.13	172.40	7.00	183.00	7.44	204.10	8.33
	61	98.30	4.03	119.40	4.92	140.60	5.82	151.20	6.28	172.40	7.17	183.00	7.63	204.10	8.55
	64	98.30	4.12	119.40	5.04	140.60	5.98	151.20	6.46	172.40	7.39	183.00	7.86	204.10	8.83
	68	98.30	4.21	119.40	5.17	140.60	6.17	151.20	6.68	172.40	7.66	183.00	8.16	204.10	9.20
	72	98.30	4.33	119.40	5.36	140.60	6.42	151.20	6.96	172.40	8.00	183.00	8.55	204.10	9.69
	75	98.30	4.52	119.40	5.59	140.60	6.71	151.20	7.28	172.40	8.43	183.00	9.02	204.10	10.25
	79	98.30	4.75	119.40	5.89	140.60	7.09	151.20	7.72	172.40	8.94	183.00	9.58	204.10	10.89
	82	98.30	5.02	119.40	6.24	140.60	7.56	151.20	8.25	172.40	9.57	183.00	10.26	204.10	11.70
	86	98.30	5.32	119.40	6.66	140.60	8.14	151.20	8.93	172.40	10.35	183.00	11.08	204.10	12.61
	90	98.30	5.65	119.40	7.15	140.60	8.80	151.20	9.68	172.40	11.18	183.00	11.97	204.10	13.59
	93	98.30	6.04	119.40	7.72	140.60	9.53	151.20	10.49	172.40	12.10	183.00	12.94	204.10	14.58
	95	98.30	6.28	119.40	8.03	140.60	9.93	151.20	10.93	172.40	12.61	183.00	13.42	200.30	14.72
	99	98.30	6.82	119.40	8.76	140.60	10.85	151.20	11.92	172.40	13.57	183.00	14.40	192.70	14.95
	102	98.30	7.51	119.40	9.60	140.60	11.76	151.20	12.88	172.40	14.57	178.50	14.95	185.10	15.21
	106	98.30	8.29	119.40	10.45	140.60	12.72	151.20	13.90	164.10	14.71	169.60	15.06	177.50	15.44
	111	98.30	9.54	119.40	11.87	140.60	14.33	143.50	14.61	151.60	14.83	156.30	14.98	166.10	15.24
	115	98.30	10.44	119.40	12.89	136.60	14.93	135.90	14.67	143.30	14.65	147.40	14.67	158.50	15.07
	118	98.30	11.39	114.20	13.26	123.80	14.27	128.20	14.71	135.10	14.53	138.60	14.45	145.70	14.32
	120	95.60	11.55	105.70	12.64	114.40	13.52	118.90	13.97	125.90	13.81	129.50	13.74	136.70	13.61
	122	89.90	10.97	99.40	12.01	107.50	12.84	111.80	13.27	118.30	13.12	121.70	13.05	128.50	12.93
80	5	87.40	2.21	106.20	2.90	125.00	3.54	134.40	3.95	153.20	4.68	162.60	5.14	181.40	5.93
	10	87.40	2.34	106.20	3.04	125.00	3.69	134.40	4.09	153.20	4.82	162.60	5.27	181.40	6.05
	14	87.40	2.48	106.20	3.18	125.00	3.84	134.40	4.24	153.20	4.97	162.60	5.40	181.40	6.17
	23	87.40	2.62	106.20	3.33	125.00	4.00	134.40	4.39	153.20	5.12	162.60	5.54	181.40	6.30
	27	87.40	2.77	106.20	3.49	125.00	4.17	134.40	4.55	153.20	5.28	162.60	5.68	181.40	6.43
	32	87.40	2.93	106.20	3.65	125.00	4.34	134.40	4.72	153.20	5.44	162.60	5.83	181.40	6.56
	37	87.40	3.10	106.20	3.82	125.00	4.52	134.40	4.89	153.20	5.61	162.60	5.98	181.40	6.69
	41	87.40	3.28	106.20	4.00	125.00	4.71	134.40	5.07	153.20	5.78	162.60	6.13	181.40	6.83
	46	87.40	3.36	106.20	4.08	125.00	4.80	134.40	5.16	153.20	5.86	162.60	6.22	181.40	6.92
	50	87.40	3.42	106.20	4.14	125.00	4.86	134.40	5.22	153.20	5.93	162.60	6.28	181.40	6.99
	54	87.40	3.48	106.20	4.20	125.00	4.93	134.40	5.29	153.20	6.01	162.60	6.37	181.40	7.09
	57	87.40	3.54	106.20	4.28	125.00	5.01	134.40	5.38	153.20	6.11	162.60	6.48	181.40	7.23
	61	87.40	3.62	106.20	4.36	125.00	5.12	134.40	5.50	153.20	6.26	162.60	6.65	181.40	7.42
	64	87.40	3.70	106.20	4.47	125.00	5.25	134.40	5.65	153.20	6.44	162.60	6.85	181.40	7.66
	68	87.40	3.77	106.20	4.59	125.00	5.42	134.40	5.84	153.20	6.67	162.60	7.09	181.40	7.95
	72	87.40	3.88	106.20	4.74	125.00	5.62	134.40	6.07	153.20	6.96	162.60	7.41	181.40	8.35
	75	87.40	4.02	106.20	4.93	125.00	5.87	134.40	6.35	153.20	7.31	162.60	7.81	181.40	8.85
	79	87.40	4.19	106.20	5.17	125.00	6.18	134.40	6.70	153.20	7.75	162.60	8.29	181.40	9.39
	82	87.40	4.40	106.20	5.46	125.00	6.56	134.40	7.12	153.20	8.23	162.60	8.80	181.40	9.96
	86	87.40	4.65	106.20	5.80	125.00	6.99	134.40	7.61	153.20	8.80	162.60	9.42	181.40	10.70
	90	87.40	4.93	106.20	6.18	125.00	7.51	134.40	8.19	153.20	9.47	162.60	10.14	181.40	11.52
	93	87.40	5.26	106.20	6.66	125.00	8.09	134.40	8.83	153.20	10.21	162.60	10.92	181.40	12.37
	95	87.40	5.49	106.20	6.92	125.00	8.42	134.40	9.19	153.20	10.61	162.60	11.34	181.40	12.82
	99	87.40	5.98	106.20	7.55	125.00	9.16	134.40	9.99	153.20	11.46	162.60	12.21	181.40	13.72
	102	87.40	6.60	106.20	8.25	125.00	9.97	134.40	10.85	153.20	12.37	162.60	13.13	181.40	14.65
	106	87.40	7.22	106.20	8.98	125.00	10.85	134.40	11.81	153.20	13.36	162.60	14.13	172.80	14.71
	111	87.40	8.34	106.20	10.34	125.00	12.41	134.40	13.49	149.80	14.67	155.00	14.94	160.00	14.84
	115	87.40	9.19	106.20	11.37	125.00	13.64	134.40	14.80	142.90	14.92	147.30	15.00	151.40	14.54
	118	87.40	10.25	102.30	12.01	115.70	13.55	122.20	14.29	130.30	14.28	134.40	14.29	142.80	14.33
	120	81.70	10.04	94.20	11.45	106.70	12.85	112.90	13.54	121.10	13.56	125.30	13.58	133.70	13.63
	122	76.80	9.54	88.50	10.88	100.30	12.21	106.10	12.86	113.80	12.88	117.80	12.90	125.70	12.95

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC168S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	76.40	1.95	92.90	2.53	109.40	3.09	117.60	3.45	134.10	4.04	142.30	4.43	158.80	5.10
	10	76.40	2.06	92.90	2.65	109.40	3.22	117.60	3.58	134.10	4.16	142.30	4.54	158.80	5.20
	14	76.40	2.18	92.90	2.78	109.40	3.35	117.60	3.71	134.10	4.29	142.30	4.66	158.80	5.31
	23	76.40	2.31	92.90	2.91	109.40	3.49	117.60	3.84	134.10	4.42	142.30	4.78	158.80	5.42
	27	76.40	2.44	92.90	3.05	109.40	3.64	117.60	3.98	134.10	4.56	142.30	4.90	158.80	5.53
	32	76.40	2.58	92.90	3.19	109.40	3.79	117.60	4.12	134.10	4.70	142.30	5.03	158.80	5.64
	37	76.40	2.73	92.90	3.34	109.40	3.95	117.60	4.27	134.10	4.85	142.30	5.16	158.80	5.76
	41	76.40	2.89	92.90	3.50	109.40	4.11	117.60	4.42	134.10	5.00	142.30	5.29	158.80	5.88
	46	76.40	2.96	92.90	3.57	109.40	4.19	117.60	4.49	134.10	5.08	142.30	5.37	158.80	5.96
	50	76.40	3.01	92.90	3.63	109.40	4.24	117.60	4.55	134.10	5.14	142.30	5.43	158.80	6.02
	54	76.40	3.07	92.90	3.68	109.40	4.30	117.60	4.61	134.10	5.20	142.30	5.50	158.80	6.09
	57	76.40	3.12	92.90	3.74	109.40	4.37	117.60	4.68	134.10	5.28	142.30	5.59	158.80	6.20
	61	76.40	3.18	92.90	3.81	109.40	4.45	117.60	4.77	134.10	5.40	142.30	5.71	158.80	6.35
	64	76.40	3.25	92.90	3.91	109.40	4.56	117.60	4.89	134.10	5.55	142.30	5.88	158.80	6.55
	68	76.40	3.32	92.90	4.00	109.40	4.69	117.60	5.04	134.10	5.73	142.30	6.08	158.80	6.78
	72	76.40	3.39	92.90	4.12	109.40	4.86	117.60	5.23	134.10	5.96	142.30	6.33	158.80	7.09
	75	76.40	3.50	92.90	4.28	109.40	5.06	117.60	5.46	134.10	6.25	142.30	6.66	158.80	7.50
	79	76.40	3.62	92.90	4.46	109.40	5.31	117.60	5.74	134.10	6.61	142.30	7.06	158.80	7.97
	82	76.40	3.78	92.90	4.69	109.40	5.61	117.60	6.08	134.10	7.01	142.30	7.49	158.80	8.46
	86	76.40	3.96	92.90	4.94	109.40	5.94	117.60	6.44	134.10	7.44	142.30	7.95	158.80	8.99
	90	76.40	4.19	92.90	5.24	109.40	6.32	117.60	6.87	134.10	7.95	142.30	8.51	158.80	9.67
	93	76.40	4.46	92.90	5.61	109.40	6.78	117.60	7.37	134.10	8.55	142.30	9.16	158.80	10.41
	95	76.40	4.65	92.90	5.83	109.40	7.04	117.60	7.66	134.10	8.89	142.30	9.51	158.80	10.79
	99	76.40	5.06	92.90	6.35	109.40	7.65	117.60	8.31	134.10	9.60	142.30	10.25	158.80	11.58
	102	76.40	5.60	92.90	6.95	109.40	8.34	117.60	9.05	134.10	10.40	142.30	11.07	158.80	12.42
	106	76.40	6.12	92.90	7.60	109.40	9.13	117.60	9.91	134.10	11.28	142.30	11.95	158.80	13.29
	111	76.40	7.07	92.90	8.78	109.40	10.53	117.60	11.42	134.10	12.76	142.30	13.43	158.80	14.77
	115	76.40	7.90	92.90	9.75	109.40	11.65	117.60	12.61	133.90	13.95	141.10	14.52	149.70	14.87
	118	76.40	8.97	90.80	10.78	105.70	12.62	113.30	13.54	122.70	13.82	127.20	13.93	136.20	14.09
	120	70.30	9.17	84.00	10.70	97.80	12.24	104.80	13.02	113.60	13.16	118.10	13.23	127.20	13.39
	122	66.10	8.71	79.00	10.17	91.90	11.63	98.50	12.37	106.80	12.50	111.00	12.57	119.60	12.72
60	5	65.50	1.63	79.60	2.12	93.70	2.56	100.80	2.86	114.90	3.21	122.00	3.37	136.10	3.72
	10	65.50	1.73	79.60	2.23	93.70	2.68	100.80	2.98	114.90	3.34	122.00	3.51	136.10	3.87
	14	65.50	1.84	79.60	2.35	93.70	2.81	100.80	3.10	114.90	3.48	122.00	3.66	136.10	4.03
	23	65.50	1.96	79.60	2.47	93.70	2.94	100.80	3.23	114.90	3.62	122.00	3.81	136.10	4.20
	27	65.50	2.09	79.60	2.60	93.70	3.08	100.80	3.36	114.90	3.77	122.00	3.97	136.10	4.37
	32	65.50	2.22	79.60	2.74	93.70	3.23	100.80	3.50	114.90	3.93	122.00	4.14	136.10	4.55
	37	65.50	2.36	79.60	2.88	93.70	3.38	100.80	3.65	114.90	4.09	122.00	4.31	136.10	4.74
	41	65.50	2.51	79.60	3.03	93.70	3.54	100.80	3.80	114.90	4.26	122.00	4.49	136.10	4.94
	46	65.50	2.56	79.60	3.08	93.70	3.60	100.80	3.86	114.90	4.32	122.00	4.56	136.10	5.02
	50	65.50	2.61	79.60	3.13	93.70	3.65	100.80	3.91	114.90	4.37	122.00	4.61	136.10	5.07
	54	65.50	2.65	79.60	3.17	93.70	3.70	100.80	3.96	114.90	4.43	122.00	4.67	136.10	5.14
	57	65.50	2.68	79.60	3.22	93.70	3.75	100.80	4.02	114.90	4.50	122.00	4.74	136.10	5.22
	61	65.50	2.73	79.60	3.27	93.70	3.82	100.80	4.09	114.90	4.58	122.00	4.83	136.10	5.33
	64	65.50	2.79	79.60	3.35	93.70	3.91	100.80	4.19	114.90	4.70	122.00	4.96	136.10	5.48
	68	65.50	2.85	79.60	3.43	93.70	4.01	100.80	4.30	114.90	4.84	122.00	5.12	136.10	5.68
	72	65.50	2.91	79.60	3.51	93.70	4.13	100.80	4.44	114.90	5.02	122.00	5.31	136.10	5.91
	75	65.50	2.98	79.60	3.63	93.70	4.29	100.80	4.62	114.90	5.25	122.00	5.57	136.10	6.21
	79	65.50	3.06	79.60	3.76	93.70	4.48	100.80	4.84	114.90	5.52	122.00	5.87	136.10	6.59
	82	65.50	3.18	79.60	3.93	93.70	4.71	100.80	5.10	114.90	5.85	122.00	6.23	136.10	7.01
	86	65.50	3.31	79.60	4.13	93.70	4.95	100.80	5.37	114.90	6.18	122.00	6.59	136.10	7.44
	90	65.50	3.49	79.60	4.35	93.70	5.23	100.80	5.68	114.90	6.57	122.00	7.03	136.10	7.97
	93	65.50	3.67	79.60	4.61	93.70	5.57	100.80	6.05	114.90	7.04	122.00	7.55	136.10	8.58
	95	65.50	3.82	79.60	4.79	93.70	5.78	100.80	6.29	114.90	7.32	122.00	7.84	136.10	8.91
	99	65.50	4.13	79.60	5.20	93.70	6.30	100.80	6.86	114.90	7.95	122.00	8.50	136.10	9.62
	102	65.50	4.58	79.60	5.72	93.70	6.89	100.80	7.47	114.90	8.63	122.00	9.21	136.10	10.37
	106	65.50	5.04	79.60	6.30	93.70	7.59	100.80	8.26	114.90	9.43	122.00	10.01	136.10	11.16
	111	65.50	5.85	79.60	7.31	93.70	8.81	100.80	9.57	114.90	10.71	122.00	11.27	136.10	12.38
	115	65.50	6.52	79.60	8.11	93.70	9.72	100.80	10.53	114.90	11.66	122.00	12.21	136.10	13.29
	118	65.50	7.52	79.30	9.19	93.50	10.86	100.80	11.70	111.40	12.64	116.40	13.00	126.00	13.52
	120	62.10	8.12	74.70	9.72	87.70	11.33	94.30	12.14	103.30	12.49	107.90	12.65	117.00	12.92
	122	58.40	7.71	70.20	9.23	82.40	10.76	88.60	11.53	97.10	11.87	101.40	12.02	110.00	12.27

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC168S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	54.60	1.38	66.40	1.79	78.10	2.15	84.00	2.39	95.80	2.65	101.60	2.76	113.40	3.01
	10	54.60	1.47	66.40	1.88	78.10	2.25	84.00	2.49	95.80	2.76	101.60	2.88	113.40	3.14
	14	54.60	1.56	66.40	1.98	78.10	2.36	84.00	2.59	95.80	2.87	101.60	3.00	113.40	3.27
	23	54.60	1.66	66.40	2.08	78.10	2.47	84.00	2.70	95.80	2.99	101.60	3.12	113.40	3.41
	27	54.60	1.77	66.40	2.19	78.10	2.59	84.00	2.81	95.80	3.11	101.60	3.25	113.40	3.55
	32	54.60	1.88	66.40	2.30	78.10	2.71	84.00	2.93	95.80	3.24	101.60	3.39	113.40	3.70
	37	54.60	2.00	66.40	2.42	78.10	2.84	84.00	3.05	95.80	3.38	101.60	3.53	113.40	3.85
	41	54.60	2.13	66.40	2.55	78.10	2.97	84.00	3.18	95.80	3.52	101.60	3.68	113.40	4.01
	46	54.60	2.18	66.40	2.60	78.10	3.02	84.00	3.23	95.80	3.57	101.60	3.74	113.40	4.08
	50	54.60	2.20	66.40	2.63	78.10	3.06	84.00	3.27	95.80	3.61	101.60	3.79	113.40	4.13
	54	54.60	2.23	66.40	2.66	78.10	3.10	84.00	3.32	95.80	3.67	101.60	3.84	113.40	4.19
	57	54.60	2.25	66.40	2.70	78.10	3.15	84.00	3.37	95.80	3.72	101.60	3.90	113.40	4.25
	61	54.60	2.28	66.40	2.74	78.10	3.20	84.00	3.43	95.80	3.79	101.60	3.97	113.40	4.33
	64	54.60	2.33	66.40	2.80	78.10	3.26	84.00	3.49	95.80	3.87	101.60	4.05	113.40	4.43
	68	54.60	2.39	66.40	2.86	78.10	3.34	84.00	3.57	95.80	3.98	101.60	4.19	113.40	4.60
	72	54.60	2.44	66.40	2.93	78.10	3.42	84.00	3.67	95.80	4.12	101.60	4.34	113.40	4.79
	75	54.60	2.48	66.40	3.00	78.10	3.53	84.00	3.80	95.80	4.28	101.60	4.52	113.40	5.00
	79	54.60	2.54	66.40	3.11	78.10	3.69	84.00	3.98	95.80	4.50	101.60	4.76	113.40	5.29
	82	54.60	2.60	66.40	3.22	78.10	3.85	84.00	4.17	95.80	4.74	101.60	5.03	113.40	5.62
	86	54.60	2.69	66.40	3.36	78.10	4.03	84.00	4.37	95.80	5.00	101.60	5.32	113.40	5.98
	90	54.60	2.82	66.40	3.52	78.10	4.22	84.00	4.57	95.80	5.28	101.60	5.65	113.40	6.39
	93	54.60	2.95	66.40	3.69	78.10	4.45	84.00	4.83	95.80	5.63	101.60	6.04	113.40	6.88
	95	54.60	3.04	66.40	3.81	78.10	4.59	84.00	4.97	95.80	5.83	101.60	6.27	113.40	7.14
	99	54.60	3.30	66.40	4.14	78.10	5.01	84.00	5.46	95.80	6.37	101.60	6.82	113.40	7.74
	102	54.60	3.61	66.40	4.56	78.10	5.52	84.00	6.01	95.80	6.96	101.60	7.44	113.40	8.40
	106	54.60	4.04	66.40	5.05	78.10	6.10	84.00	6.65	95.80	7.65	101.60	8.14	113.40	9.13
	111	54.60	4.75	66.40	5.96	78.10	7.22	84.00	7.86	95.80	8.82	101.60	9.29	113.40	10.24
	115	54.60	5.30	66.40	6.62	78.10	7.97	84.00	8.67	95.80	9.60	101.60	10.07	113.40	10.97
	118	54.60	6.00	66.40	7.46	78.10	8.88	84.00	9.57	95.80	10.48	101.60	10.91	113.40	11.74
	120	54.60	6.62	66.40	8.05	78.10	9.45	84.00	10.14	92.50	10.99	97.10	11.39	106.80	12.15
	122	54.60	7.08	66.40	8.61	78.10	10.11	84.00	10.85	92.50	11.76	92.20	11.16	101.50	11.91

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC168S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	148.30	12.96	144.90	13.91	143.20	14.55	141.50	14.87	137.50	16.14	133.60	17.09
	-17.8	-18.0	157.80	13.59	154.40	14.55	152.60	15.18	150.90	15.50	147.00	16.77	143.10	17.73
	-12.6	-13.0	172.00	14.55	168.50	15.50	166.80	16.14	165.10	16.46	161.20	17.73	157.20	18.68
	-7.1	-7.6	186.10	15.50	182.70	16.46	181.00	17.09	179.30	17.41	175.30	18.68	171.40	19.64
	-3.6	-4.0	195.60	16.14	192.20	17.09	190.40	17.73	188.70	18.05	184.80	19.32	180.90	20.27
	-1.8	-2.2	200.30	16.46	196.90	17.41	195.20	18.05	193.40	18.36	189.50	19.64	183.70	20.59
	2.0	1.0	209.80	17.09	206.30	18.05	204.60	18.68	202.90	19.00	199.00	20.27	186.00	20.59
	6.0	5.0	223.90	18.05	220.50	19.00	218.80	19.64	217.10	19.95	205.60	20.59	189.40	20.59
	10.0	9.0	233.40	18.68	230.00	19.64	228.20	20.27	223.00	20.59	207.90	20.59	191.60	20.59
	13.0	12.0	238.10	19.00	234.70	19.95	231.60	20.59	224.20	20.59	209.00	20.59	192.80	20.59
	17.0	15.0	252.30	19.95	242.50	20.59	235.00	20.59	227.60	20.59	212.40	20.59	196.20	20.59
	19.0	18.0	257.00	20.27	243.60	20.59	236.20	20.59	228.70	20.59	213.60	20.59	197.30	20.59
	23.0	21.0	259.70	20.59	245.90	20.59	238.40	20.59	231.00	20.59	215.80	20.59	199.60	20.59
	26.0	24.0	262.00	20.59	248.20	20.59	240.70	20.59	233.20	20.59	218.10	20.59	201.90	20.59
	30.0	28.0	264.20	20.59	250.40	20.59	243.00	20.59	235.50	20.59	220.40	20.59	204.10	20.59
	35.0	32.0	267.60	20.59	253.80	20.59	246.40	20.59	238.90	20.59	223.80	20.59	206.40	19.55
	39.0	36.0	269.90	20.59	256.10	20.59	248.60	20.59	241.20	20.59	226.00	20.55	206.40	18.18
	44.0	40.0	272.20	20.59	258.40	20.59	250.90	20.59	243.40	20.59	226.00	19.12	206.40	16.95
	47.0	43.0	273.30	20.59	259.50	20.59	252.00	20.59	244.60	20.59	226.00	18.46	206.40	16.38
	51.0	47.0	275.60	20.59	261.80	20.59	254.30	20.26	245.70	19.30	226.00	17.28	206.40	15.37
	54.0	50.0	277.80	20.59	262.90	19.87	254.30	18.97	245.70	18.08	226.00	16.22	206.40	14.47
	57.0	53.0	280.10	19.75	262.90	18.08	254.30	17.28	245.70	16.51	226.00	14.87	206.40	13.31
	60.0	56.0	280.10	18.59	262.90	17.05	254.30	16.32	245.70	15.60	226.00	14.10	206.40	12.66
120	-21.8	-22.0	144.00	14.23	140.90	15.18	139.30	15.50	137.70	15.82	134.10	16.77	130.40	17.73
	-17.8	-18.0	153.50	14.87	150.30	15.82	148.70	16.14	147.10	16.46	143.50	17.41	139.90	18.36
	-12.6	-13.0	167.70	15.82	164.50	16.77	162.90	17.09	161.30	17.41	157.70	18.36	154.10	19.32
	-7.1	-7.6	181.80	16.77	178.70	17.73	177.10	18.05	175.50	18.36	171.90	19.32	168.20	20.27
	-3.6	-4.0	191.30	17.41	188.10	18.36	186.50	18.68	184.90	19.00	181.30	19.95	171.20	20.59
	-1.8	-2.2	196.00	17.73	192.80	18.68	191.20	19.00	189.70	19.32	186.00	20.27	172.40	20.59
	2.0	1.0	205.50	18.36	202.30	19.32	200.70	19.64	199.10	19.95	189.40	20.59	174.60	20.59
	6.0	5.0	219.60	19.32	216.50	20.27	213.20	20.59	207.50	20.59	192.80	20.59	178.00	20.59
	10.0	9.0	229.10	19.95	222.30	20.59	215.50	20.59	209.80	20.59	195.10	20.59	180.30	20.59
	13.0	12.0	233.80	20.27	223.40	20.59	216.60	20.59	210.90	20.59	196.20	20.59	181.40	20.59
	17.0	15.0	239.30	20.59	226.80	20.59	220.00	20.59	214.30	20.59	199.60	20.59	184.80	20.59
	19.0	18.0	240.40	20.59	227.90	20.59	221.10	20.59	215.50	20.59	200.70	20.59	186.00	20.59
	23.0	21.0	242.70	20.59	230.20	20.59	223.40	20.59	217.70	20.59	203.00	20.59	188.20	20.59
	26.0	24.0	244.90	20.59	232.50	20.59	225.70	20.59	220.00	20.59	205.30	20.59	190.50	20.06
	30.0	28.0	247.20	20.59	234.70	20.59	227.90	20.59	222.30	20.59	207.50	20.59	190.50	18.57
	35.0	32.0	250.60	20.59	238.10	20.59	231.30	20.59	225.70	20.59	208.70	18.79	190.50	16.60
	39.0	36.0	252.90	20.59	240.40	20.59	233.60	20.59	226.80	19.61	208.70	17.47	190.50	15.46
	44.0	40.0	255.10	20.59	242.70	20.14	234.70	19.18	226.80	18.24	208.70	16.28	190.50	14.43
	47.0	43.0	256.30	20.59	242.70	19.43	234.70	18.51	226.80	17.61	208.70	15.73	190.50	13.96
	51.0	47.0	258.60	19.92	242.70	18.15	234.70	17.31	226.80	16.48	208.70	14.75	190.50	13.12
	54.0	50.0	258.60	18.64	242.70	17.01	234.70	16.24	226.80	15.47	208.70	13.88	190.50	12.37
	57.0	53.0	258.60	16.98	242.70	15.53	234.70	14.85	226.80	14.17	208.70	12.77	190.50	11.42
	60.0	56.0	258.60	16.03	242.70	14.69	234.70	14.06	226.80	13.42	208.70	12.13	190.50	10.88
110	-21.8	-22.0	139.70	15.18	136.80	16.14	135.40	16.46	133.90	16.77	130.60	17.73	122.90	18.05
	-17.8	-18.0	149.20	15.82	146.30	16.77	144.80	17.09	143.40	17.41	140.00	18.36	132.40	18.68
	-12.6	-13.0	163.40	16.77	160.40	17.73	159.00	18.05	157.50	18.36	154.20	19.32	146.60	19.64
	-7.1	-7.6	177.50	17.73	174.60	18.68	173.20	19.00	171.70	19.32	168.40	20.27	157.60	20.59
	-3.6	-4.0	187.00	18.36	184.10	19.32	182.60	19.64	181.20	19.95	173.10	20.59	159.90	20.59
	-1.8	-2.2	191.70	18.68	188.80	19.64	187.30	19.95	185.90	20.27	174.30	20.59	161.00	20.59
	2.0	1.0	201.20	19.32	198.20	20.27	195.90	20.59	189.80	20.59	176.50	20.59	163.30	20.59
	6.0	5.0	215.30	20.27	204.30	20.59	199.30	20.59	193.20	20.59	179.90	20.59	166.70	20.59
	10.0	9.0	218.90	20.59	206.60	20.59	201.60	20.59	195.40	20.59	182.20	20.59	169.00	20.59
	13.0	12.0	220.00	20.59	207.70	20.59	202.70	20.59	196.60	20.59	183.30	20.59	170.10	20.59
	17.0	15.0	223.40	20.59	211.10	20.59	206.10	20.59	200.00	20.59	186.70	20.59	173.50	20.59
	19.0	18.0	224.50	20.59	212.20	20.59	207.20	20.59	201.10	20.59	187.90	20.59	174.60	19.86
	23.0	21.0	226.80	20.59	214.50	20.59	209.50	20.59	203.40	20.59	190.10	20.59	174.60	18.34
	26.0	24.0	229.10	20.59	216.80	20.59	211.80	20.59	205.60	20.59	191.30	19.24	174.60	16.97
	30.0	28.0	231.30	20.59	219.00	20.59	214.00	20.59	207.90	20.07	191.30	17.82	174.60	15.72
	35.0	32.0	234.70	20.59	222.50	19.82	215.20	18.85	207.90	17.91	191.30	15.93	174.60	14.08
	39.0	36.0	237.00	20.27	222.50	18.40	215.20	17.51	207.90	16.64	191.30	14.83	174.60	13.12
	44.0	40.0	237.00	18.84	222.50	17.13	215.20	16.31	207.90	15.51	191.30	13.84	174.60	12.27
	47.0	43.0	237.00	18.18	222.50	16.54	215.20	15.75	207.90	14.99	191.30	13.39	174.60	11.88
	51.0	47.0	237.00	16.99	222.50	15.48	215.20	14.76	207.90	14.06	191.30	12.58	174.60	11.18
	54.0	50.0	237.00	15.94	222.50	14.55	215.20	13.87	207.90	13.23	191.30	11.87	174.60	10.57
	57.0	53.0	237.00	14.57	222.50	13.34	215.20	12.73	207.90	12.16	191.30	10.95	174.60	9.78
	60.0	56.0	237.00	13.79	222.50	12.65	215.20	12.09	207.90	11.56	191.30	10.44	174.60	9.34

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC168S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	135.40	16.46	132.80	17.09	131.50	17.41	130.10	17.85	122.60	18.05	115.00	18.36
	-17.8	-18.0	144.90	17.09	142.20	17.73	140.90	18.05	139.60	18.48	132.00	18.68	124.50	19.00
	-12.6	-13.0	159.00	18.05	156.40	18.68	155.10	19.00	153.80	19.44	146.20	19.64	138.60	19.95
	-7.1	-7.6	173.20	19.00	170.60	19.64	169.30	19.95	167.90	20.39	159.10	20.59	147.40	20.59
	-3.6	-4.0	182.70	19.64	180.00	20.27	177.50	20.59	173.10	20.59	161.40	20.59	149.70	20.59
	-1.8	-2.2	187.40	19.95	184.10	20.59	178.60	20.59	174.30	20.59	162.50	20.59	150.80	20.59
	2.0	1.0	196.20	20.59	186.40	20.59	180.90	20.59	176.50	20.59	164.80	20.59	153.10	20.59
	6.0	5.0	199.60	20.59	189.80	20.59	184.30	20.59	179.90	20.59	168.20	20.59	156.50	20.59
	10.0	9.0	201.90	20.59	192.00	20.59	186.50	20.59	182.20	20.59	170.50	20.59	158.80	20.42
	13.0	12.0	203.00	20.59	193.20	20.59	187.70	20.59	183.30	20.59	171.60	20.59	158.80	19.60
	17.0	15.0	206.40	20.59	196.60	20.59	191.10	20.59	186.70	20.59	173.90	19.74	158.80	17.36
	19.0	18.0	207.50	20.59	197.70	20.59	192.20	20.59	187.90	20.59	173.90	18.96	158.80	16.68
	23.0	21.0	209.80	20.59	200.00	20.59	194.50	20.59	189.00	19.78	173.90	17.51	158.80	15.42
	26.0	24.0	212.10	20.59	202.20	20.26	195.60	19.26	189.00	18.28	173.90	16.20	158.80	14.28
	30.0	28.0	214.30	20.59	202.20	18.74	195.60	17.83	189.00	16.92	173.90	15.01	158.80	13.24
	35.0	32.0	215.50	18.47	202.20	16.74	195.60	15.93	189.00	15.13	173.90	13.45	158.80	11.89
	39.0	36.0	215.50	17.15	202.20	15.56	195.60	14.82	189.00	14.08	173.90	12.54	158.80	11.10
	44.0	40.0	215.50	15.97	202.20	14.51	195.60	13.83	189.00	13.15	173.90	11.73	158.80	10.40
	47.0	43.0	215.50	15.43	202.20	14.03	195.60	13.37	189.00	12.72	173.90	11.36	158.80	10.08
	51.0	47.0	215.50	14.46	202.20	13.17	195.60	12.56	189.00	11.95	173.90	10.70	158.80	9.51
	54.0	50.0	215.50	13.59	202.20	12.40	195.60	11.83	189.00	11.27	173.90	10.11	158.80	9.01
	57.0	53.0	215.50	12.47	202.20	11.42	195.60	10.91	189.00	10.41	173.90	9.37	158.80	8.37
	60.0	56.0	215.50	11.84	202.20	10.86	195.60	10.38	189.00	9.91	173.90	8.95	158.80	8.01
90	-21.8	-22.0	131.10	17.41	126.60	17.73	123.70	18.05	120.70	18.05	113.90	18.36	107.10	18.68
	-17.8	-18.0	140.60	18.05	136.10	18.36	133.10	18.68	130.10	18.68	123.30	19.00	116.50	19.32
	-12.6	-13.0	154.70	19.00	150.30	19.32	147.30	19.64	144.30	19.64	137.50	19.95	130.70	20.27
	-7.1	-7.6	168.90	19.95	164.40	20.27	160.20	20.59	155.40	20.59	145.20	20.59	134.90	20.59
	-3.6	-4.0	175.80	20.59	167.30	20.59	162.40	20.59	157.60	20.59	147.40	20.59	137.20	20.59
	-1.8	-2.2	176.90	20.59	168.40	20.59	163.60	20.59	158.80	20.59	148.60	20.59	138.30	20.59
	2.0	1.0	179.20	20.59	170.70	20.59	165.80	20.59	161.00	20.59	150.80	20.59	140.60	20.59
	6.0	5.0	182.60	20.59	174.10	20.59	169.20	20.59	164.40	20.59	154.20	20.59	142.90	18.97
	10.0	9.0	184.80	20.59	176.30	20.59	171.50	20.59	166.70	20.59	156.50	19.87	142.90	17.48
	13.0	12.0	186.00	20.59	177.50	20.59	172.60	20.59	167.80	20.59	156.50	19.08	142.90	16.78
	17.0	15.0	189.40	20.59	180.90	20.59	176.10	20.14	170.10	19.10	156.50	16.90	142.90	14.88
	19.0	18.0	190.50	20.59	182.00	20.36	176.10	19.34	170.10	18.35	156.50	16.24	142.90	14.30
	23.0	21.0	192.80	20.59	182.00	18.80	176.10	17.86	170.10	16.95	156.50	15.01	142.90	13.23
	26.0	24.0	193.90	19.21	182.00	17.38	176.10	16.52	170.10	15.68	156.50	13.90	142.90	12.26
	30.0	28.0	193.90	17.78	182.00	16.10	176.10	15.31	170.10	14.53	156.50	12.90	142.90	11.39
	35.0	32.0	193.90	15.89	182.00	14.41	176.10	13.71	170.10	13.03	156.50	11.58	142.90	10.24
	39.0	36.0	193.90	14.79	182.00	13.42	176.10	12.78	170.10	12.15	156.50	10.82	142.90	9.58
	44.0	40.0	193.90	13.80	182.00	12.54	176.10	11.95	170.10	11.37	156.50	10.14	142.90	8.99
	47.0	43.0	193.90	13.35	182.00	12.14	176.10	11.57	170.10	11.01	156.50	9.83	142.90	8.72
	51.0	47.0	193.90	12.54	182.00	11.42	176.10	10.89	170.10	10.37	156.50	9.28	142.90	8.24
	54.0	50.0	193.90	11.83	182.00	10.79	176.10	10.29	170.10	9.81	156.50	8.79	142.90	7.83
	57.0	53.0	193.90	10.91	182.00	9.97	176.10	9.53	170.10	9.09	156.50	8.18	142.90	7.29
	60.0	56.0	193.90	10.39	182.00	9.51	176.10	9.10	170.10	8.69	156.50	7.83	142.90	6.99
80	-21.8	-22.0	121.80	18.05	116.50	18.36	113.90	18.36	111.20	18.36	105.20	18.68	99.10	19.00
	-17.8	-18.0	131.30	18.68	126.00	19.00	123.30	19.00	120.70	19.00	114.60	19.32	108.60	19.64
	-12.6	-13.0	145.40	19.64	140.10	19.95	137.50	19.95	134.90	19.95	128.80	20.27	121.30	20.59
	-7.1	-7.6	156.50	20.59	149.30	20.59	145.20	20.59	142.10	20.59	132.30	20.59	124.70	20.59
	-3.6	-4.0	158.80	20.59	151.60	20.59	147.40	20.59	144.40	20.59	134.60	20.59	127.00	20.53
	-1.8	-2.2	159.90	20.59	152.70	20.59	148.60	20.59	145.50	20.59	135.70	20.59	127.00	19.70
	2.0	1.0	162.20	20.59	155.00	20.59	150.80	20.59	147.80	20.59	138.00	20.59	127.00	18.13
	6.0	5.0	165.60	20.59	158.40	20.59	154.20	20.59	151.20	20.59	139.10	18.24	127.00	16.03
	10.0	9.0	167.80	20.59	160.60	20.59	156.50	20.01	151.20	18.96	139.10	16.80	127.00	14.77
	13.0	12.0	169.00	20.59	161.80	20.24	156.50	19.21	151.20	18.21	139.10	16.14	127.00	14.19
	17.0	15.0	172.40	19.86	161.80	17.93	156.50	17.02	151.20	16.13	139.10	14.31	127.00	12.59
	19.0	18.0	172.40	19.08	161.80	17.23	156.50	16.36	151.20	15.51	139.10	13.76	127.00	12.11
	23.0	21.0	172.40	17.62	161.80	15.92	156.50	15.12	151.20	14.34	139.10	12.73	127.00	11.21
	26.0	24.0	172.40	16.30	161.80	14.74	156.50	14.00	151.20	13.28	139.10	11.80	127.00	10.41
	30.0	28.0	172.40	15.11	161.80	13.67	156.50	12.99	151.20	12.33	139.10	10.97	127.00	9.68
	35.0	32.0	172.40	13.53	161.80	12.26	156.50	11.67	151.20	11.08	139.10	9.87	127.00	8.73
	39.0	36.0	172.40	12.62	161.80	11.45	156.50	10.90	151.20	10.36	139.10	9.24	127.00	8.18
	44.0	40.0	172.40	11.80	161.80	10.72	156.50	10.21	151.20	9.71	139.10	8.68	127.00	7.69
	47.0	43.0	172.40	11.43	161.80	10.39	156.50	9.90	151.20	9.42	139.10	8.42	127.00	7.47
	51.0	47.0	172.40	10.76	161.80	9.80	156.50	9.35	151.20	8.90	139.10	7.97	127.00	7.08
	54.0	50.0	172.40	10.18	161.80	9.28	156.50	8.86	151.20	8.44	139.10	7.57	127.00	6.74
	57.0	53.0	172.40	9.43	161.80	8.62	156.50	8.23	151.20	7.86	139.10	7.06	127.00	6.30
	60.0	56.0	172.40	9.00	161.80	8.24	156.50	7.88	151.20	7.53	139.10	6.78	127.00	6.06

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC168S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	111.00	18.68	106.40	18.68	104.10	18.68	101.80	19.00	96.50	19.00	91.20	19.32
	-17.8	-18.0	120.50	19.32	115.90	19.32	113.50	19.32	111.20	19.64	105.90	19.64	100.60	19.95
	-12.6	-13.0	134.70	20.27	130.00	20.27	127.70	20.27	124.40	20.59	117.20	20.59	110.00	20.59
	-7.1	-7.6	140.60	20.59	133.60	20.59	131.30	20.59	127.80	20.59	120.60	20.59	111.10	18.57
	-3.6	-4.0	142.90	20.59	135.90	20.59	133.50	20.59	130.00	20.59	121.70	19.41	111.10	17.09
	-1.8	-2.2	144.00	20.59	137.00	20.59	134.70	20.59	131.20	20.59	121.70	18.63	111.10	16.40
	2.0	1.0	146.30	20.59	139.30	20.59	136.90	20.47	132.30	19.39	121.70	17.15	111.10	15.10
	6.0	5.0	149.70	20.59	141.60	19.04	136.90	18.09	132.30	17.14	121.70	15.16	111.10	13.35
	10.0	9.0	150.80	19.41	141.60	17.54	136.90	16.66	132.30	15.80	121.70	13.97	111.10	12.31
	13.0	12.0	150.80	18.63	141.60	16.84	136.90	16.00	132.30	15.17	121.70	13.42	111.10	11.83
	17.0	15.0	150.80	16.51	141.60	14.93	136.90	14.19	132.30	13.46	121.70	11.92	111.10	10.51
	19.0	18.0	150.80	15.87	141.60	14.36	136.90	13.64	132.30	12.94	121.70	11.46	111.10	10.11
	23.0	21.0	150.80	14.67	141.60	13.28	136.90	12.62	132.30	11.98	121.70	10.62	111.10	9.37
	26.0	24.0	150.80	13.59	141.60	12.31	136.90	11.70	132.30	11.11	121.70	9.86	111.10	8.70
	30.0	28.0	150.80	12.62	141.60	11.44	136.90	10.87	132.30	10.33	121.70	9.17	111.10	8.11
	35.0	32.0	150.80	11.34	141.60	10.29	136.90	9.79	132.30	9.31	121.70	8.28	111.10	7.33
	39.0	36.0	150.80	10.60	141.60	9.63	136.90	9.16	132.30	8.71	121.70	7.77	111.10	6.88
	44.0	40.0	150.80	9.94	141.60	9.04	136.90	8.60	132.30	8.19	121.70	7.31	111.10	6.48
	47.0	43.0	150.80	9.64	141.60	8.77	136.90	8.35	132.30	7.95	121.70	7.10	111.10	6.30
	51.0	47.0	150.80	9.11	141.60	8.29	136.90	7.90	132.30	7.53	121.70	6.73	111.10	5.98
	54.0	50.0	150.80	8.64	141.60	7.88	136.90	7.51	132.30	7.16	121.70	6.41	111.10	5.70
	57.0	53.0	150.80	8.04	141.60	7.35	136.90	7.00	132.30	6.69	121.70	6.01	111.10	5.35
	60.0	56.0	150.80	7.70	141.60	7.05	136.90	6.72	132.30	6.42	121.70	5.78	111.10	5.16
60	-21.8	-22.0	100.30	19.00	96.30	19.32	94.30	19.32	92.30	19.32	87.80	19.00	83.30	17.61
	-17.8	-18.0	109.70	19.64	105.70	19.95	103.80	19.95	101.80	19.95	97.20	19.64	92.70	18.24
	-12.6	-13.0	121.30	20.59	115.70	20.59	114.00	20.59	111.10	20.59	104.30	19.45	95.30	17.09
	-7.1	-7.6	124.70	20.59	119.10	20.59	117.40	20.47	113.40	19.39	104.30	17.18	95.30	15.10
	-3.6	-4.0	127.00	20.59	121.30	19.85	117.40	18.85	113.40	17.85	104.30	15.82	95.30	13.90
	-1.8	-2.2	128.10	20.59	121.30	19.05	117.40	18.08	113.40	17.13	104.30	15.18	95.30	13.33
	2.0	1.0	129.30	19.42	121.30	17.53	117.40	16.65	113.40	15.77	104.30	13.98	95.30	12.28
	6.0	5.0	129.30	17.16	121.30	15.50	117.40	14.72	113.40	13.94	104.30	12.36	95.30	10.86
	10.0	9.0	129.30	15.82	121.30	14.29	117.40	13.57	113.40	12.86	104.30	11.40	95.30	10.03
	13.0	12.0	129.30	15.19	121.30	13.73	117.40	13.03	113.40	12.35	104.30	10.96	95.30	9.63
	17.0	15.0	129.30	13.48	121.30	12.19	117.40	11.57	113.40	10.97	104.30	9.74	95.30	8.57
	19.0	18.0	129.30	12.96	121.30	11.72	117.40	11.13	113.40	10.56	104.30	9.37	95.30	8.25
	23.0	21.0	129.30	12.00	121.30	10.86	117.40	10.31	113.40	9.78	104.30	8.69	95.30	7.66
	26.0	24.0	129.30	11.13	121.30	10.08	117.40	9.58	113.40	9.09	104.30	8.08	95.30	7.12
	30.0	28.0	129.30	10.35	121.30	9.38	117.40	8.92	113.40	8.47	104.30	7.53	95.30	6.65
	35.0	32.0	129.30	9.33	121.30	8.47	117.40	8.05	113.40	7.65	104.30	6.82	95.30	6.03
	39.0	36.0	129.30	8.74	121.30	7.94	117.40	7.55	113.40	7.18	104.30	6.41	95.30	5.67
	44.0	40.0	129.30	8.22	121.30	7.47	117.40	7.11	113.40	6.77	104.30	6.05	95.30	5.35
	47.0	43.0	129.30	7.98	121.30	7.26	117.40	6.91	113.40	6.58	104.30	5.88	95.30	5.21
	51.0	47.0	129.30	7.56	121.30	6.89	117.40	6.56	113.40	6.25	104.30	5.59	95.30	4.96
	54.0	50.0	129.30	7.19	121.30	6.56	117.40	6.25	113.40	5.96	104.30	5.34	95.30	4.74
	57.0	53.0	129.30	6.72	121.30	6.14	117.40	5.85	113.40	5.59	104.30	5.02	95.30	4.46
	60.0	56.0	129.30	6.46	121.30	5.91	117.40	5.63	113.40	5.39	104.30	4.84	95.30	4.31
50	-21.8	-22.0	89.50	19.32	86.20	19.64	84.50	18.95	82.90	17.93	79.10	16.77	75.30	15.69
	-17.8	-18.0	98.90	19.95	95.60	20.27	94.00	19.58	92.30	18.56	86.90	17.40	79.40	15.36
	-12.6	-13.0	106.60	20.59	101.10	19.30	97.80	18.32	94.50	17.39	86.90	15.38	79.40	13.57
	-7.1	-7.6	107.70	18.90	101.10	17.05	97.80	16.19	94.50	15.36	86.90	13.58	79.40	11.98
	-3.6	-4.0	107.70	17.40	101.10	15.69	97.80	14.90	94.50	14.14	86.90	12.50	79.40	11.03
	-1.8	-2.2	107.70	16.69	101.10	15.06	97.80	14.30	94.50	13.56	86.90	12.00	79.40	10.59
	2.0	1.0	107.70	15.37	101.10	13.87	97.80	13.16	94.50	12.49	86.90	11.05	79.40	9.75
	6.0	5.0	107.70	13.59	101.10	12.27	97.80	11.65	94.50	11.05	86.90	9.78	79.40	8.63
	10.0	9.0	107.70	12.53	101.10	11.32	97.80	10.75	94.50	10.20	86.90	9.03	79.40	7.97
	13.0	12.0	107.70	12.04	101.10	10.87	97.80	10.33	94.50	9.80	86.90	8.68	79.40	7.66
	17.0	15.0	107.70	10.70	101.10	9.67	97.80	9.18	94.50	8.72	86.90	7.73	79.40	6.83
	19.0	18.0	107.70	10.29	101.10	9.30	97.80	8.84	94.50	8.39	86.90	7.44	79.40	6.58
	23.0	21.0	107.70	9.54	101.10	8.63	97.80	8.20	94.50	7.79	86.90	6.91	79.40	6.11
	26.0	24.0	107.70	8.87	101.10	8.03	97.80	7.63	94.50	7.25	86.90	6.43	79.40	5.69
	30.0	28.0	107.70	8.26	101.10	7.49	97.80	7.12	94.50	6.76	86.90	6.01	79.40	5.32
	35.0	32.0	107.70	7.47	101.10	6.78	97.80	6.45	94.50	6.13	86.90	5.46	79.40	4.83
	39.0	36.0	107.70	7.02	101.10	6.37	97.80	6.06	94.50	5.77	86.90	5.14	79.40	4.56
	44.0	40.0	107.70	6.61	101.10	6.01	97.80	5.72	94.50	5.45	86.90	4.86	79.40	4.31
	47.0	43.0	107.70	6.43	101.10	5.85	97.80	5.57	94.50	5.30	86.90	4.73	79.40	4.20
	51.0	47.0	107.70	6.11	101.10	5.56	97.80	5.30	94.50	5.05	86.90	4.51	79.40	4.01
	54.0	50.0	107.70	5.83	101.10	5.32	97.80	5.06	94.50	4.82	86.90	4.31	79.40	3.84
	57.0	53.0	107.70	5.47	101.10	5.00	97.80	4.77	94.50	4.54	86.90	4.07	79.40	3.62
	60.0	56.0	107.70	5.27	101.10	4.82	97.80	4.60	94.50	4.39	86.90	3.93	79.40	3.51

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC192S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	162.20	3.97	197.20	5.39	232.10	6.72	249.60	7.55	280.90	8.86	310.06	9.41	327.86	10.27
	10	162.20	4.18	197.20	5.61	232.10	6.96	249.60	7.78	280.90	9.09	306.99	9.60	324.61	10.43
	14	162.20	4.40	197.20	5.84	232.10	7.21	249.60	8.02	280.90	9.32	303.95	9.80	321.40	10.59
	23	162.20	4.63	197.20	6.08	232.10	7.47	249.60	8.27	280.90	9.56	300.94	10.00	318.22	10.75
	27	162.20	4.87	197.20	6.33	232.10	7.74	249.60	8.53	280.90	9.80	297.96	10.20	315.07	10.91
	32	162.20	5.13	197.20	6.59	232.10	8.02	249.60	8.79	280.90	10.05	295.01	10.41	311.95	11.08
	37	162.20	5.40	197.20	6.86	232.10	8.31	249.60	9.06	280.90	10.31	292.09	10.62	308.86	11.25
	41	162.20	5.68	197.20	7.15	232.10	8.61	249.60	9.34	280.90	10.57	289.20	10.84	305.80	11.42
	46	162.20	5.79	197.20	7.26	232.10	8.74	249.60	9.48	278.00	10.66	286.30	10.97	303.00	11.62
	50	162.20	5.89	197.20	7.39	232.10	8.89	249.60	9.64	276.10	10.77	284.40	11.10	301.00	11.83
	54	162.20	6.05	197.20	7.55	232.10	9.07	249.60	9.85	274.10	10.94	282.50	11.32	299.10	12.13
	57	162.20	6.21	197.20	7.73	232.10	9.31	249.60	10.12	272.20	11.19	280.50	11.58	297.20	12.44
	61	162.20	6.40	197.20	7.99	232.10	9.62	249.60	10.44	270.30	11.46	278.60	11.90	295.30	12.82
	64	162.20	6.64	197.20	8.25	232.10	9.94	249.60	10.83	268.40	11.85	276.70	12.31	293.40	13.39
	68	162.20	6.88	197.20	8.57	232.10	10.38	249.60	11.37	266.50	12.34	274.80	12.90	291.40	14.08
	72	162.20	7.18	197.20	8.94	232.10	10.92	247.90	11.91	264.50	13.01	272.90	13.59	289.50	15.01
	75	162.20	7.48	197.20	9.43	232.10	11.62	246.00	12.61	262.60	13.76	270.90	14.48	287.60	16.09
	79	162.20	7.92	197.20	10.00	232.10	12.40	244.10	13.35	260.70	14.74	269.00	15.49	285.70	17.39
	82	162.20	8.36	197.20	10.67	232.10	13.35	242.10	14.32	258.80	15.73	267.10	16.59	283.80	18.80
	86	162.20	8.95	197.20	11.45	231.90	14.44	240.20	15.26	256.90	16.82	265.20	17.84	278.30	20.02
	90	162.20	9.56	197.20	12.44	230.00	15.35	238.30	16.20	254.30	18.03	256.90	18.65	267.70	20.19
	93	162.20	10.45	197.20	13.42	227.30	16.24	230.30	16.79	244.20	18.56	246.90	19.10	257.00	19.56
	95	162.20	10.90	197.20	13.90	222.50	16.46	225.50	17.01	239.10	18.76	241.90	19.00	251.70	19.25
	99	162.20	11.78	197.20	14.99	212.80	16.86	215.90	17.36	229.10	18.56	231.90	18.48	241.00	18.65
	102	162.20	12.68	197.20	16.31	203.20	17.18	206.20	17.46	219.00	18.05	221.90	17.97	230.40	18.06
	106	162.20	13.86	186.40	16.50	193.50	17.14	196.60	17.06	208.90	17.57	211.80	17.48	219.70	17.49
	111	162.20	15.89	170.30	16.51	179.10	16.62	182.10	16.49	193.80	16.91	196.80	16.80	203.70	16.67
	115	152.50	16.22	159.50	16.15	169.40	16.34	172.50	16.18	183.70	16.54	186.80	16.42	193.10	16.18
	118	142.80	16.24	148.70	15.87	154.80	15.51	157.90	15.33	164.10	15.09	167.30	14.97	173.60	14.74
	120	132.90	15.50	138.90	15.13	145.00	14.78	148.00	14.61	154.30	14.37	157.50	14.25	163.80	14.02
	122	124.90	14.73	130.60	14.37	136.30	14.04	139.10	13.88	145.00	13.65	148.10	13.54	154.00	13.32
120	5	149.80	3.67	182.00	4.93	214.30	6.11	230.40	6.87	262.70	8.21	278.80	9.08	321.21	10.11
	10	149.80	3.86	182.00	5.14	214.30	6.33	230.40	7.08	262.70	8.42	278.80	9.27	318.03	10.26
	14	149.80	4.06	182.00	5.35	214.30	6.56	230.40	7.30	262.70	8.64	278.80	9.46	314.88	10.42
	23	149.80	4.27	182.00	5.57	214.30	6.80	230.40	7.53	262.70	8.86	278.80	9.65	311.76	10.58
	27	149.80	4.49	182.00	5.80	214.30	7.05	230.40	7.76	262.70	9.09	278.80	9.85	308.68	10.74
	32	149.80	4.73	182.00	6.04	214.30	7.31	230.40	8.00	262.70	9.32	278.80	10.05	305.62	10.90
	37	149.80	4.98	182.00	6.29	214.30	7.58	230.40	8.25	262.70	9.56	278.80	10.26	302.60	11.07
	41	149.80	5.24	182.00	6.55	214.30	7.86	230.40	8.51	262.70	9.81	278.80	10.47	299.60	11.24
	46	149.80	5.33	182.00	6.65	214.30	7.98	230.40	8.64	262.70	10.00	278.40	10.67	296.70	11.38
	50	149.80	5.42	182.00	6.75	214.30	8.09	230.40	8.77	262.70	10.18	276.50	10.77	294.80	11.53
	54	149.80	5.54	182.00	6.89	214.30	8.25	230.40	8.95	262.70	10.40	274.60	10.94	292.90	11.76
	57	149.80	5.67	182.00	7.04	214.30	8.45	230.40	9.16	262.70	10.71	272.70	11.17	291.00	12.03
	61	149.80	5.83	182.00	7.25	214.30	8.71	230.40	9.46	261.60	10.99	270.70	11.43	289.00	12.38
	64	149.80	6.03	182.00	7.48	214.30	8.99	230.40	9.78	259.70	11.30	268.80	11.79	287.10	12.82
	68	149.80	6.23	182.00	7.75	214.30	9.35	230.40	10.20	257.70	11.72	266.90	12.26	285.20	13.43
	72	149.80	6.49	182.00	8.08	214.30	9.82	230.40	10.74	255.80	12.29	265.00	12.89	283.30	14.17
	75	149.80	6.77	182.00	8.50	214.30	10.39	230.40	11.46	253.90	13.00	263.10	13.65	281.40	15.12
	79	149.80	7.15	182.00	9.00	214.30	11.14	230.40	12.32	252.00	13.86	261.10	14.59	279.40	16.17
	82	149.80	7.57	182.00	9.62	214.30	11.97	230.40	13.33	250.10	14.84	259.20	15.60	277.50	17.35
	86	149.80	8.08	182.00	10.32	214.30	12.98	229.80	14.40	248.10	15.85	257.30	16.67	274.20	18.50
	90	149.80	8.64	182.00	11.18	214.30	14.05	227.90	15.38	246.20	16.90	253.70	17.67	263.70	19.11
	93	149.80	9.37	182.00	12.12	214.30	15.13	225.60	16.29	238.40	17.51	243.60	18.16	253.20	19.35
	95	149.80	9.79	182.00	12.61	214.30	15.69	220.90	16.46	233.50	17.73	238.60	18.37	247.90	19.09
	99	149.80	10.64	182.00	13.59	209.40	16.44	211.30	16.78	223.80	18.06	228.60	18.37	237.40	18.50
	102	149.80	11.52	182.00	14.72	199.60	16.67	201.80	17.00	214.10	17.83	218.50	17.88	226.90	17.93
	106	149.80	12.55	182.00	15.96	189.80	16.81	192.30	16.92	204.40	17.39	208.50	17.40	216.40	17.38
	111	149.80	14.29	168.00	16.22	175.10	16.42	178.00	16.39	189.80	16.80	193.40	16.74	200.60	16.59
	115	149.80	15.64	158.70	16.11	165.30	16.13	168.40	16.12	180.10	16.49	183.40	16.36	190.10	16.12
	118	137.80	15.38	144.10	15.33	150.60	15.30	153.90	15.29	160.50	15.04	163.90	14.92	170.60	14.68
	120	127.90	14.64	134.30	14.60	140.80	14.57	144.10	14.56	150.70	14.32	154.10	14.20	160.80	13.96
	122	120.20	13.91	126.20	13.87	132.40	13.84	135.50	13.83	141.70	13.60	144.90	13.49	151.20	13.26

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC192S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	137.30	3.34	166.80	4.47	196.40	5.54	211.20	6.22	240.80	7.44	255.60	8.24	285.10	9.62
	10	137.30	3.52	166.80	4.66	196.40	5.74	211.20	6.41	240.80	7.63	255.60	8.41	285.10	9.77
	14	137.30	3.71	166.80	4.85	196.40	5.95	211.20	6.61	240.80	7.83	255.60	8.58	285.10	9.92
	23	137.30	3.90	166.80	5.05	196.40	6.17	211.20	6.81	240.80	8.03	255.60	8.75	285.10	10.07
	27	137.30	4.10	166.80	5.26	196.40	6.39	211.20	7.02	240.80	8.24	255.60	8.93	285.10	10.22
	32	137.30	4.32	166.80	5.48	196.40	6.62	211.20	7.24	240.80	8.45	255.60	9.11	285.10	10.38
	37	137.30	4.55	166.80	5.71	196.40	6.86	211.20	7.46	240.80	8.67	255.60	9.30	285.10	10.54
	41	137.30	4.79	166.80	5.95	196.40	7.11	211.20	7.69	240.80	8.89	255.60	9.49	285.10	10.70
	46	137.30	4.88	166.80	6.05	196.40	7.22	211.20	7.80	240.80	9.03	255.60	9.66	285.10	10.91
	50	137.30	4.95	166.80	6.13	196.40	7.31	211.20	7.91	240.80	9.17	255.60	9.81	284.50	11.08
	54	137.30	5.04	166.80	6.24	196.40	7.45	211.20	8.06	240.80	9.36	255.60	10.02	282.60	11.25
	57	137.30	5.15	166.80	6.37	196.40	7.61	211.20	8.24	240.80	9.60	255.60	10.29	280.70	11.46
	61	137.30	5.28	166.80	6.53	196.40	7.83	211.20	8.50	240.80	9.89	255.60	10.61	278.80	11.75
	64	137.30	5.43	166.80	6.73	196.40	8.08	211.20	8.78	240.80	10.24	255.60	11.01	276.80	12.15
	68	137.30	5.59	166.80	6.95	196.40	8.38	211.20	9.12	240.80	10.69	255.00	11.48	274.90	12.64
	72	137.30	5.80	166.80	7.24	196.40	8.76	211.20	9.56	240.80	11.25	253.10	11.99	273.00	13.26
	75	137.30	6.07	166.80	7.59	196.40	9.24	211.20	10.12	240.80	11.99	251.10	12.67	271.10	14.06
	79	137.30	6.40	166.80	8.04	196.40	9.87	211.20	10.91	239.20	12.80	249.20	13.51	269.20	15.00
	82	137.30	6.79	166.80	8.59	196.40	10.68	211.20	11.84	237.30	13.71	247.30	14.45	267.20	16.02
	86	137.30	7.24	166.80	9.25	196.40	11.58	211.20	12.89	235.40	14.68	245.40	15.45	265.30	17.08
	90	137.30	7.76	166.80	10.00	196.40	12.57	211.20	13.98	233.50	15.68	243.50	16.45	255.70	17.52
	93	137.30	8.37	166.80	10.85	196.40	13.66	211.20	15.14	231.60	16.64	236.70	17.04	245.90	17.98
	95	137.30	8.73	166.80	11.31	196.40	14.19	210.60	15.62	227.00	16.81	231.90	17.22	241.00	18.19
	99	137.30	9.51	166.80	12.29	196.40	15.25	206.50	16.34	217.80	17.14	222.50	17.56	231.20	18.10
	102	137.30	10.38	166.80	13.28	196.40	16.40	197.20	16.52	208.60	17.36	213.10	17.56	221.40	17.60
	106	137.30	11.31	166.80	14.35	187.70	16.61	187.80	16.62	199.50	17.16	203.60	17.16	211.60	17.12
	111	137.30	12.84	166.80	16.07	174.70	16.65	173.70	16.28	185.70	16.67	189.50	16.61	196.90	16.45
	115	137.30	13.92	158.90	16.22	166.10	16.55	164.40	16.04	176.50	16.44	180.00	16.31	187.10	16.07
	118	132.20	14.44	139.50	14.80	146.40	15.09	149.90	15.24	156.90	14.99	160.50	14.87	167.60	14.63
	120	122.90	13.79	129.70	14.07	136.60	14.36	140.10	14.51	147.20	14.27	150.70	14.15	157.80	13.91
	122	115.50	13.10	121.90	13.37	128.40	13.64	131.70	13.78	138.40	13.56	141.70	13.44	148.30	13.21
100	5	124.80	3.01	151.70	4.02	178.60	4.96	192.00	5.55	218.90	6.68	232.30	7.41	259.20	8.67
	10	124.80	3.17	151.70	4.19	178.60	5.14	192.00	5.72	218.90	6.85	232.30	7.56	259.20	8.80
	14	124.80	3.34	151.70	4.36	178.60	5.33	192.00	5.90	218.90	7.03	232.30	7.71	259.20	8.93
	23	124.80	3.52	151.70	4.54	178.60	5.52	192.00	6.08	218.90	7.21	232.30	7.87	259.20	9.07
	27	124.80	3.71	151.70	4.73	178.60	5.72	192.00	6.27	218.90	7.39	232.30	8.03	259.20	9.21
	32	124.80	3.91	151.70	4.93	178.60	5.93	192.00	6.46	218.90	7.58	232.30	8.19	259.20	9.35
	37	124.80	4.12	151.70	5.14	178.60	6.14	192.00	6.66	218.90	7.77	232.30	8.36	259.20	9.49
	41	124.80	4.34	151.70	5.35	178.60	6.36	192.00	6.87	218.90	7.97	232.30	8.53	259.20	9.63
	46	124.80	4.43	151.70	5.44	178.60	6.46	192.00	6.97	218.90	8.08	232.30	8.64	259.20	9.76
	50	124.80	4.49	151.70	5.51	178.60	6.54	192.00	7.05	218.90	8.19	232.30	8.76	259.20	9.90
	54	124.80	4.55	151.70	5.59	178.60	6.65	192.00	7.19	218.90	8.34	232.30	8.93	259.20	10.12
	57	124.80	4.63	151.70	5.70	178.60	6.78	192.00	7.33	218.90	8.54	232.30	9.14	259.20	10.35
	61	124.80	4.73	151.70	5.83	178.60	6.97	192.00	7.55	218.90	8.77	232.30	9.39	259.20	10.66
	64	124.80	4.84	151.70	5.99	178.60	7.18	192.00	7.80	218.90	9.07	232.30	9.72	259.20	11.07
	68	124.80	4.95	151.70	6.17	178.60	7.44	192.00	8.09	218.90	9.43	232.30	10.14	259.20	11.63
	72	124.80	5.13	151.70	6.41	178.60	7.75	192.00	8.44	218.90	9.89	232.30	10.66	259.20	12.27
	75	124.80	5.37	151.70	6.72	178.60	8.15	192.00	8.90	218.90	10.48	232.30	11.32	259.20	13.01
	79	124.80	5.67	151.70	7.11	178.60	8.67	192.00	9.52	218.90	11.26	232.30	12.17	259.20	14.02
	82	124.80	6.03	151.70	7.59	178.60	9.38	192.00	10.40	218.90	12.25	232.30	13.18	259.20	15.11
	86	124.80	6.43	151.70	8.19	178.60	10.25	192.00	11.39	218.90	13.28	232.30	14.26	259.20	16.26
	90	124.80	6.89	151.70	8.89	178.60	11.16	192.00	12.41	218.90	14.41	232.30	15.42	249.80	16.59
	93	124.80	7.43	151.70	9.64	178.60	12.14	192.00	13.58	218.90	15.53	232.30	16.51	240.40	16.88
	95	124.80	7.72	151.70	10.04	178.60	12.73	192.00	14.14	218.90	16.06	227.70	16.62	235.70	17.03
	99	124.80	8.40	151.70	11.00	178.60	13.75	192.00	15.15	210.50	16.31	218.40	16.84	226.30	17.36
	102	124.80	9.24	151.70	11.95	178.60	14.74	192.00	16.16	202.20	16.57	209.10	17.07	217.00	17.37
	106	124.80	10.15	151.70	12.90	178.60	15.77	182.90	16.25	193.80	16.78	199.80	17.03	207.60	16.93
	111	124.80	11.51	151.70	14.37	170.20	16.37	169.30	16.14	181.30	16.51	185.90	16.52	193.50	16.34
	115	124.80	12.41	151.70	15.36	161.90	16.34	160.30	15.96	172.90	16.39	176.60	16.26	184.10	16.01
	118	124.80	13.31	134.90	14.27	142.20	14.88	145.90	15.19	153.40	14.94	157.10	14.82	164.60	14.57
	120	117.90	12.93	125.10	13.53	132.40	14.15	136.10	14.46	143.60	14.21	147.30	14.09	154.90	13.85
	122	110.80	12.28	117.60	12.85	124.50	13.44	127.90	13.74	135.00	13.50	138.50	13.39	145.60	13.16

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC192S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	112.30	2.72	136.50	3.60	160.70	4.42	172.80	4.95	197.00	5.94	209.10	6.58	233.30	7.70
	10	112.30	2.86	136.50	3.75	160.70	4.58	172.80	5.10	197.00	6.09	209.10	6.71	233.30	7.82
	14	112.30	3.01	136.50	3.91	160.70	4.75	172.80	5.26	197.00	6.25	209.10	6.85	233.30	7.94
	23	112.30	3.17	136.50	4.07	160.70	4.92	172.80	5.42	197.00	6.41	209.10	6.99	233.30	8.06
	27	112.30	3.34	136.50	4.24	160.70	5.10	172.80	5.59	197.00	6.57	209.10	7.13	233.30	8.18
	32	112.30	3.52	136.50	4.42	160.70	5.29	172.80	5.76	197.00	6.74	209.10	7.28	233.30	8.30
	37	112.30	3.71	136.50	4.60	160.70	5.48	172.80	5.94	197.00	6.91	209.10	7.43	233.30	8.43
	41	112.30	3.91	136.50	4.79	160.70	5.68	172.80	6.12	197.00	7.09	209.10	7.58	233.30	8.56
	46	112.30	3.99	136.50	4.88	160.70	5.77	172.80	6.21	197.00	7.19	209.10	7.68	233.30	8.66
	50	112.30	4.05	136.50	4.94	160.70	5.84	172.80	6.29	197.00	7.27	209.10	7.77	233.30	8.77
	54	112.30	4.11	136.50	5.01	160.70	5.93	172.80	6.39	197.00	7.39	209.10	7.90	233.30	8.92
	57	112.30	4.18	136.50	5.10	160.70	6.04	172.80	6.51	197.00	7.54	209.10	8.07	233.30	9.13
	61	112.30	4.27	136.50	5.22	160.70	6.19	172.80	6.68	197.00	7.74	209.10	8.28	233.30	9.38
	64	112.30	4.37	136.50	5.35	160.70	6.37	172.80	6.88	197.00	7.99	209.10	8.55	233.30	9.70
	68	112.30	4.47	136.50	5.51	160.70	6.58	172.80	7.13	197.00	8.29	209.10	8.89	233.30	10.14
	72	112.30	4.62	136.50	5.72	160.70	6.85	172.80	7.43	197.00	8.68	209.10	9.33	233.30	10.71
	75	112.30	4.82	136.50	5.98	160.70	7.18	172.80	7.80	197.00	9.16	209.10	9.87	233.30	11.34
	79	112.30	5.07	136.50	6.30	160.70	7.60	172.80	8.28	197.00	9.74	209.10	10.49	233.30	12.03
	82	112.30	5.37	136.50	6.70	160.70	8.13	172.80	8.89	197.00	10.46	209.10	11.27	233.30	12.94
	86	112.30	5.71	136.50	7.18	160.70	8.80	172.80	9.68	197.00	11.31	209.10	12.16	233.30	13.93
	90	112.30	6.09	136.50	7.74	160.70	9.54	172.80	10.50	197.00	12.23	209.10	13.12	233.30	14.95
	93	112.30	6.56	136.50	8.38	160.70	10.35	172.80	11.38	197.00	13.22	209.10	14.14	233.30	15.97
	95	112.30	6.82	136.50	8.72	160.70	10.79	172.80	11.90	197.00	13.73	209.10	14.64	233.30	16.49
	99	112.30	7.43	136.50	9.52	160.70	11.75	172.80	12.90	197.00	14.73	209.10	15.67	223.80	16.66
	102	112.30	8.16	136.50	10.38	160.70	12.70	172.80	13.90	197.00	15.80	204.60	16.31	214.30	16.88
	106	112.30	8.93	136.50	11.25	160.70	13.71	172.80	14.98	192.30	16.47	195.60	16.54	204.80	16.94
	111	112.30	10.21	136.50	12.71	160.70	15.41	168.90	16.34	178.40	16.50	182.10	16.43	190.60	16.38
	115	112.30	11.09	136.50	13.79	154.90	15.83	161.10	16.46	169.10	16.30	173.10	16.22	181.10	16.06
	118	112.30	12.09	125.10	13.40	136.00	14.47	141.50	15.01	149.50	14.85	153.50	14.77	161.60	14.62
	120	104.40	11.60	115.30	12.67	126.20	13.74	131.70	14.28	139.70	14.12	143.80	14.05	151.90	13.90
	122	98.10	11.02	108.40	12.04	118.60	13.05	123.80	13.57	131.30	13.41	135.20	13.35	142.80	13.21
80	5	99.80	2.34	121.30	3.07	142.80	3.76	153.60	4.19	175.10	5.02	185.90	5.56	207.40	6.49
	10	99.80	2.48	121.30	3.21	142.80	3.92	153.60	4.34	175.10	5.18	185.90	5.70	207.40	6.62
	14	99.80	2.62	121.30	3.36	142.80	4.08	153.60	4.50	175.10	5.34	185.90	5.85	207.40	6.76
	23	99.80	2.77	121.30	3.52	142.80	4.25	153.60	4.66	175.10	5.50	185.90	6.00	207.40	6.90
	27	99.80	2.93	121.30	3.69	142.80	4.43	153.60	4.83	175.10	5.67	185.90	6.15	207.40	7.04
	32	99.80	3.10	121.30	3.86	142.80	4.61	153.60	5.01	175.10	5.85	185.90	6.31	207.40	7.18
	37	99.80	3.28	121.30	4.04	142.80	4.80	153.60	5.19	175.10	6.03	185.90	6.47	207.40	7.33
	41	99.80	3.47	121.30	4.23	142.80	5.00	153.60	5.38	175.10	6.22	185.90	6.64	207.40	7.48
	46	99.80	3.55	121.30	4.32	142.80	5.08	153.60	5.46	175.10	6.31	185.90	6.73	207.40	7.57
	50	99.80	3.61	121.30	4.38	142.80	5.14	153.60	5.53	175.10	6.37	185.90	6.80	207.40	7.65
	54	99.80	3.67	121.30	4.44	142.80	5.21	153.60	5.60	175.10	6.46	185.90	6.89	207.40	7.76
	57	99.80	3.73	121.30	4.51	142.80	5.30	153.60	5.69	175.10	6.57	185.90	7.02	207.40	7.92
	61	99.80	3.81	121.30	4.61	142.80	5.42	153.60	5.83	175.10	6.74	185.90	7.20	207.40	8.14
	64	99.80	3.90	121.30	4.73	142.80	5.57	153.60	5.99	175.10	6.94	185.90	7.42	207.40	8.41
	68	99.80	3.99	121.30	4.86	142.80	5.75	153.60	6.20	175.10	7.19	185.90	7.70	207.40	8.74
	72	99.80	4.11	121.30	5.04	142.80	5.98	153.60	6.46	175.10	7.52	185.90	8.06	207.40	9.21
	75	99.80	4.27	121.30	5.25	142.80	6.25	153.60	6.76	175.10	7.92	185.90	8.52	207.40	9.78
	79	99.80	4.47	121.30	5.52	142.80	6.60	153.60	7.16	175.10	8.41	185.90	9.05	207.40	10.37
	82	99.80	4.71	121.30	5.84	142.80	7.02	153.60	7.62	175.10	8.93	185.90	9.61	207.40	10.99
	86	99.80	4.98	121.30	6.22	142.80	7.50	153.60	8.16	175.10	9.57	185.90	10.30	207.40	11.84
	90	99.80	5.30	121.30	6.65	142.80	8.07	153.60	8.80	175.10	10.30	185.90	11.09	207.40	12.73
	93	99.80	5.69	121.30	7.17	142.80	8.70	153.60	9.49	175.10	11.11	185.90	11.94	207.40	13.64
	95	99.80	5.92	121.30	7.45	142.80	9.05	153.60	9.88	175.10	11.53	185.90	12.38	207.40	14.10
	99	99.80	6.46	121.30	8.12	142.80	9.84	153.60	10.72	175.10	12.43	185.90	13.30	207.40	15.02
	102	99.80	7.09	121.30	8.85	142.80	10.70	153.60	11.65	175.10	13.40	185.90	14.27	207.40	15.96
	106	99.80	7.72	121.30	9.62	142.80	11.64	153.60	12.68	175.10	14.44	185.90	15.30	202.50	16.53
	111	99.80	8.91	121.30	11.05	142.80	13.30	153.60	14.47	175.10	16.29	180.40	16.51	187.90	16.44
	115	99.80	9.78	121.30	12.14	142.80	14.59	153.60	15.85	165.10	16.19	169.50	16.17	178.10	16.11
	118	99.80	10.88	115.00	12.50	129.70	14.05	137.00	14.82	145.60	14.76	150.00	14.73	158.60	14.67
	120	91.00	10.28	105.40	11.80	119.90	13.33	127.20	14.09	135.90	14.03	140.20	14.00	148.90	13.95
	122	85.50	9.77	99.10	11.21	112.70	12.66	119.60	13.39	127.70	13.33	131.80	13.30	140.00	13.25

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VRC192S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	87.40	2.05	106.20	2.68	125.00	3.27	134.40	3.64	153.20	4.34	162.60	4.79	181.40	5.57
	10	87.40	2.17	106.20	2.81	125.00	3.41	134.40	3.77	153.20	4.47	162.60	4.91	181.40	5.68
	14	87.40	2.30	106.20	2.94	125.00	3.55	134.40	3.91	153.20	4.61	162.60	5.04	181.40	5.80
	23	87.40	2.43	106.20	3.08	125.00	3.70	134.40	4.05	153.20	4.75	162.60	5.17	181.40	5.92
	27	87.40	2.57	106.20	3.22	125.00	3.85	134.40	4.20	153.20	4.90	162.60	5.30	181.40	6.04
	32	87.40	2.72	106.20	3.37	125.00	4.01	134.40	4.35	153.20	5.05	162.60	5.44	181.40	6.16
	37	87.40	2.88	106.20	3.53	125.00	4.18	134.40	4.51	153.20	5.21	162.60	5.58	181.40	6.29
	41	87.40	3.05	106.20	3.70	125.00	4.35	134.40	4.67	153.20	5.37	162.60	5.72	181.40	6.42
	46	87.40	3.12	106.20	3.77	125.00	4.43	134.40	4.75	153.20	5.45	162.60	5.80	181.40	6.50
	50	87.40	3.17	106.20	3.83	125.00	4.48	134.40	4.81	153.20	5.51	162.60	5.86	181.40	6.57
	54	87.40	3.22	106.20	3.88	125.00	4.54	134.40	4.87	153.20	5.58	162.60	5.93	181.40	6.65
	57	87.40	3.27	106.20	3.94	125.00	4.61	134.40	4.94	153.20	5.67	162.60	6.03	181.40	6.77
	61	87.40	3.34	106.20	4.02	125.00	4.70	134.40	5.04	153.20	5.79	162.60	6.17	181.40	6.94
	64	87.40	3.42	106.20	4.11	125.00	4.82	134.40	5.17	153.20	5.96	162.60	6.36	181.40	7.16
	68	87.40	3.49	106.20	4.23	125.00	4.97	134.40	5.34	153.20	6.16	162.60	6.58	181.40	7.43
	72	87.40	3.59	106.20	4.36	125.00	5.15	134.40	5.55	153.20	6.42	162.60	6.87	181.40	7.78
	75	87.40	3.71	106.20	4.54	125.00	5.38	134.40	5.81	153.20	6.75	162.60	7.24	181.40	8.26
	79	87.40	3.86	106.20	4.75	125.00	5.65	134.40	6.11	153.20	7.15	162.60	7.69	181.40	8.79
	82	87.40	4.04	106.20	5.01	125.00	5.99	134.40	6.49	153.20	7.59	162.60	8.16	181.40	9.32
	86	87.40	4.25	106.20	5.29	125.00	6.34	134.40	6.87	153.20	8.05	162.60	8.66	181.40	9.91
	90	87.40	4.51	106.20	5.62	125.00	6.77	134.40	7.35	153.20	8.63	162.60	9.29	181.40	10.69
	93	87.40	4.81	106.20	6.02	125.00	7.26	134.40	7.88	153.20	9.28	162.60	10.01	181.40	11.49
	95	87.40	5.00	106.20	6.26	125.00	7.55	134.40	8.20	153.20	9.65	162.60	10.39	181.40	11.91
	99	87.40	5.45	106.20	6.81	125.00	8.19	134.40	8.88	153.20	10.40	162.60	11.18	181.40	12.74
	102	87.40	5.99	106.20	7.44	125.00	8.92	134.40	9.68	153.20	11.26	162.60	12.04	181.40	13.58
	106	87.40	6.55	106.20	8.13	125.00	9.77	134.40	10.61	153.20	12.18	162.60	12.95	181.40	14.42
	111	87.40	7.57	106.20	9.39	125.00	11.26	134.40	12.21	153.20	13.72	162.60	14.47	181.40	15.91
	115	87.40	8.42	106.20	10.40	125.00	12.43	134.40	13.46	152.80	14.95	160.50	15.55	171.20	15.93
	118	87.40	9.50	103.60	11.41	120.30	13.33	128.80	14.30	138.00	14.40	142.60	14.43	151.80	14.49
	120	79.80	9.59	95.50	11.20	111.30	12.82	119.20	13.63	128.30	13.68	132.90	13.71	142.00	13.77
	122	75.00	9.11	89.80	10.64	104.60	12.18	112.00	12.95	120.60	13.00	124.90	13.02	133.50	13.08
60	5	74.90	1.71	91.00	2.23	107.10	2.71	115.20	3.02	131.30	3.43	139.40	3.63	155.50	4.03
	10	74.90	1.82	91.00	2.35	107.10	2.84	115.20	3.15	131.30	3.57	139.40	3.78	155.50	4.20
	14	74.90	1.94	91.00	2.47	107.10	2.97	115.20	3.28	131.30	3.72	139.40	3.94	155.50	4.38
	23	74.90	2.06	91.00	2.60	107.10	3.11	115.20	3.42	131.30	3.87	139.40	4.10	155.50	4.56
	27	74.90	2.19	91.00	2.74	107.10	3.26	115.20	3.56	131.30	4.03	139.40	4.27	155.50	4.75
	32	74.90	2.33	91.00	2.88	107.10	3.41	115.20	3.71	131.30	4.20	139.40	4.45	155.50	4.95
	37	74.90	2.48	91.00	3.03	107.10	3.57	115.20	3.86	131.30	4.38	139.40	4.64	155.50	5.16
	41	74.90	2.64	91.00	3.19	107.10	3.74	115.20	4.02	131.30	4.56	139.40	4.83	155.50	5.37
	46	74.90	2.69	91.00	3.25	107.10	3.80	115.20	4.08	131.30	4.63	139.40	4.90	155.50	5.46
	50	74.90	2.73	91.00	3.29	107.10	3.85	115.20	4.13	131.30	4.68	139.40	4.96	155.50	5.51
	54	74.90	2.77	91.00	3.34	107.10	3.90	115.20	4.19	131.30	4.74	139.40	5.02	155.50	5.58
	57	74.90	2.81	91.00	3.39	107.10	3.96	115.20	4.25	131.30	4.82	139.40	5.10	155.50	5.67
	61	74.90	2.86	91.00	3.45	107.10	4.03	115.20	4.32	131.30	4.91	139.40	5.20	155.50	5.79
	64	74.90	2.93	91.00	3.52	107.10	4.12	115.20	4.43	131.30	5.03	139.40	5.34	155.50	5.97
	68	74.90	3.00	91.00	3.61	107.10	4.23	115.20	4.55	131.30	5.20	139.40	5.53	155.50	6.20
	72	74.90	3.06	91.00	3.71	107.10	4.37	115.20	4.70	131.30	5.39	139.40	5.74	155.50	6.45
	75	74.90	3.15	91.00	3.85	107.10	4.55	115.20	4.91	131.30	5.65	139.40	6.03	155.50	6.79
	79	74.90	3.26	91.00	4.01	107.10	4.77	115.20	5.15	131.30	5.96	139.40	6.38	155.50	7.23
	82	74.90	3.40	91.00	4.20	107.10	5.02	115.20	5.44	131.30	6.32	139.40	6.77	155.50	7.70
	86	74.90	3.55	91.00	4.42	107.10	5.29	115.20	5.73	131.30	6.69	139.40	7.18	155.50	8.19
	90	74.90	3.75	91.00	4.66	107.10	5.60	115.20	6.07	131.30	7.12	139.40	7.66	155.50	8.79
	93	74.90	3.95	91.00	4.95	107.10	5.96	115.20	6.46	131.30	7.64	139.40	8.24	155.50	9.46
	95	74.90	4.11	91.00	5.14	107.10	6.20	115.20	6.73	131.30	7.95	139.40	8.57	155.50	9.83
	99	74.90	4.45	91.00	5.59	107.10	6.76	115.20	7.35	131.30	8.62	139.40	9.27	155.50	10.59
	102	74.90	4.92	91.00	6.13	107.10	7.37	115.20	7.99	131.30	9.35	139.40	10.03	155.50	11.37
	106	74.90	5.40	91.00	6.75	107.10	8.14	115.20	8.85	131.30	10.19	139.40	10.85	155.50	12.15
	111	74.90	6.28	91.00	7.84	107.10	9.44	115.20	10.25	131.30	11.52	139.40	12.14	155.50	13.34
	115	74.90	6.97	91.00	8.67	107.10	10.38	115.20	11.24	131.30	12.48	139.40	13.08	155.50	14.23
	118	74.90	7.96	90.60	9.74	106.90	11.53	115.20	12.43	126.20	13.48	131.30	13.81	141.00	14.08
	120	71.00	8.55	85.50	10.24	100.10	11.95	107.60	12.81	117.00	13.05	121.70	13.16	131.20	13.37
	122	66.70	8.12	80.40	9.73	94.10	11.35	101.10	12.17	110.00	12.40	114.40	12.50	123.30	12.70

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC192S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	62.40	1.45	75.80	1.88	89.30	2.28	96.00	2.53	109.40	2.82	116.20	2.96	129.60	3.25
	10	62.40	1.54	75.80	1.98	89.30	2.39	96.00	2.64	109.40	2.94	116.20	3.08	129.60	3.39
	14	62.40	1.64	75.80	2.08	89.30	2.50	96.00	2.75	109.40	3.06	116.20	3.21	129.60	3.53
	23	62.40	1.74	75.80	2.19	89.30	2.62	96.00	2.86	109.40	3.19	116.20	3.34	129.60	3.68
	27	62.40	1.85	75.80	2.30	89.30	2.74	96.00	2.98	109.40	3.32	116.20	3.48	129.60	3.83
	32	62.40	1.97	75.80	2.42	89.30	2.87	96.00	3.10	109.40	3.46	116.20	3.63	129.60	3.99
	37	62.40	2.10	75.80	2.55	89.30	3.00	96.00	3.23	109.40	3.60	116.20	3.78	129.60	4.16
	41	62.40	2.23	75.80	2.68	89.30	3.14	96.00	3.36	109.40	3.75	116.20	3.94	129.60	4.33
	46	62.40	2.28	75.80	2.73	89.30	3.18	96.00	3.41	109.40	3.81	116.20	4.01	129.60	4.41
	50	62.40	2.30	75.80	2.76	89.30	3.22	96.00	3.45	109.40	3.86	116.20	4.06	129.60	4.46
	54	62.40	2.33	75.80	2.80	89.30	3.27	96.00	3.51	109.40	3.91	116.20	4.12	129.60	4.52
	57	62.40	2.36	75.80	2.84	89.30	3.32	96.00	3.56	109.40	3.97	116.20	4.18	129.60	4.59
	61	62.40	2.40	75.80	2.88	89.30	3.37	96.00	3.62	109.40	4.04	116.20	4.25	129.60	4.68
	64	62.40	2.45	75.80	2.94	89.30	3.44	96.00	3.69	109.40	4.13	116.20	4.35	129.60	4.79
	68	62.40	2.50	75.80	3.01	89.30	3.52	96.00	3.78	109.40	4.26	116.20	4.50	129.60	5.00
	72	62.40	2.56	75.80	3.09	89.30	3.62	96.00	3.89	109.40	4.41	116.20	4.68	129.60	5.21
	75	62.40	2.61	75.80	3.18	89.30	3.74	96.00	4.03	109.40	4.59	116.20	4.88	129.60	5.45
	79	62.40	2.70	75.80	3.30	89.30	3.92	96.00	4.24	109.40	4.84	116.20	5.15	129.60	5.77
	82	62.40	2.78	75.80	3.44	89.30	4.11	96.00	4.45	109.40	5.12	116.20	5.46	129.60	6.15
	86	62.40	2.89	75.80	3.59	89.30	4.30	96.00	4.66	109.40	5.41	116.20	5.79	129.60	6.57
	90	62.40	3.03	75.80	3.76	89.30	4.51	96.00	4.88	109.40	5.73	116.20	6.16	129.60	7.06
	93	62.40	3.17	75.80	3.96	89.30	4.76	96.00	5.16	109.40	6.12	116.20	6.61	129.60	7.61
	95	62.40	3.27	75.80	4.08	89.30	4.90	96.00	5.31	109.40	6.34	116.20	6.86	129.60	7.90
	99	62.40	3.55	75.80	4.45	89.30	5.39	96.00	5.87	109.40	6.92	116.20	7.46	129.60	8.54
	102	62.40	3.90	75.80	4.91	89.30	5.92	96.00	6.44	109.40	7.55	116.20	8.11	129.60	9.25
	106	62.40	4.34	75.80	5.42	89.30	6.55	96.00	7.14	109.40	8.29	116.20	8.86	129.60	9.98
	111	62.40	5.11	75.80	6.41	89.30	7.74	96.00	8.43	109.40	9.50	116.20	10.03	129.60	11.07
	115	62.40	5.69	75.80	7.09	89.30	8.54	96.00	9.28	109.40	10.30	116.20	10.81	129.60	11.80
	118	62.40	6.41	75.80	7.94	89.30	9.43	96.00	10.16	109.40	11.16	116.20	11.63	129.60	12.54
	120	62.40	7.00	75.80	8.50	89.30	9.99	96.00	10.74	105.60	11.66	110.50	12.09	120.40	12.91
	122	62.40	7.49	75.80	9.10	89.30	10.69	96.00	11.49	105.60	12.48	105.00	11.85	114.40	12.65

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC192S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	163.30	15.34	159.30	16.04	157.40	16.39	155.40	17.09	150.90	17.80	146.40	18.85
	-17.8	-18.0	176.60	16.04	172.70	16.74	170.80	17.09	168.80	17.80	164.30	18.50	159.80	19.55
	-12.6	-13.0	196.70	17.09	192.80	17.80	190.80	18.15	188.90	18.85	184.40	19.55	179.90	20.60
	-7.1	-7.6	216.80	18.15	212.90	18.85	210.90	19.20	209.00	19.90	204.50	20.60	200.00	21.66
	-3.6	-4.0	230.20	18.85	226.30	19.55	224.30	19.90	222.40	20.60	217.90	21.31	213.40	22.36
	-1.8	-2.2	236.90	19.20	233.00	19.90	231.00	20.25	229.10	20.96	224.60	21.66	218.60	22.71
	2.0	1.0	250.30	19.90	246.40	20.60	244.40	20.96	242.40	21.66	238.00	22.36	220.30	22.71
	6.0	5.0	270.40	20.96	266.50	21.66	264.50	22.01	261.80	22.71	242.80	22.71	222.90	22.71
	10.0	9.0	283.80	21.66	279.90	22.36	272.50	22.71	263.50	22.71	244.50	22.71	224.60	22.71
	13.0	12.0	290.50	22.01	282.30	22.71	273.40	22.71	264.40	22.71	245.40	22.71	225.50	22.71
	17.0	15.0	302.00	22.71	284.90	22.71	275.90	22.71	267.00	22.71	248.00	22.71	228.10	22.71
	19.0	18.0	302.80	22.71	285.80	22.71	276.80	22.71	267.80	22.71	248.80	22.71	229.00	22.71
	23.0	21.0	304.60	22.71	287.50	22.71	278.50	22.71	269.60	22.71	250.60	22.71	230.70	22.71
	26.0	24.0	306.30	22.71	289.20	22.71	280.30	22.71	271.30	22.71	252.30	22.71	232.40	22.71
	30.0	28.0	308.00	22.71	291.00	22.71	282.00	22.71	273.00	22.71	254.00	22.71	234.10	22.71
	35.0	32.0	310.60	22.71	293.50	22.71	284.60	22.71	275.60	22.71	256.60	22.71	235.90	21.57
	39.0	36.0	312.30	22.71	295.30	22.71	286.30	22.71	277.30	22.71	258.30	22.68	235.90	20.06
	44.0	40.0	314.10	22.71	297.00	22.71	288.00	22.71	279.10	22.71	258.30	21.10	235.90	18.70
	47.0	43.0	314.90	22.71	297.90	22.71	288.90	22.71	279.90	22.71	258.30	20.38	235.90	18.08
	51.0	47.0	316.70	22.71	299.60	22.71	290.60	22.37	280.80	21.32	258.30	19.08	235.90	16.97
	54.0	50.0	318.40	22.71	300.50	21.95	290.60	20.94	280.80	19.98	258.30	17.92	235.90	15.98
	57.0	53.0	320.10	21.82	300.50	19.98	290.60	19.10	280.80	18.24	258.30	16.43	235.90	14.71
	60.0	56.0	320.10	20.54	300.50	18.85	290.60	18.04	280.80	17.26	258.30	15.59	235.90	13.99
120	-21.8	-22.0	158.30	16.39	154.70	17.09	152.90	17.45	151.10	17.80	146.90	18.50	142.80	19.55
	-17.8	-18.0	171.70	17.09	168.10	17.80	166.30	18.15	164.50	18.50	160.30	19.20	156.20	20.25
	-12.6	-13.0	191.80	18.15	188.20	18.85	186.40	19.20	184.60	19.55	180.40	20.25	176.30	21.31
	-7.1	-7.6	211.90	19.20	208.30	19.90	206.50	20.25	204.60	20.60	200.50	21.31	196.30	22.36
	-3.6	-4.0	225.30	19.90	221.70	20.60	219.80	20.96	218.00	21.31	213.90	22.01	203.00	22.71
	-1.8	-2.2	232.00	20.25	228.40	20.96	226.50	21.31	224.70	21.66	220.60	22.36	203.90	22.71
	2.0	1.0	245.40	20.96	241.80	21.66	239.90	22.01	238.10	22.36	223.80	22.71	205.60	22.71
	6.0	5.0	265.50	22.01	260.10	22.71	251.90	22.71	244.50	22.71	226.40	22.71	208.20	22.71
	10.0	9.0	277.30	22.71	261.80	22.71	253.60	22.71	246.20	22.71	228.10	22.71	210.00	22.71
	13.0	12.0	278.20	22.71	262.70	22.71	254.40	22.71	247.10	22.71	229.00	22.71	210.80	22.71
	17.0	15.0	280.80	22.71	265.20	22.71	257.00	22.71	249.70	22.71	231.50	22.71	213.40	22.71
	19.0	18.0	281.70	22.71	266.10	22.71	257.90	22.71	250.60	22.71	232.40	22.71	214.30	22.71
	23.0	21.0	283.40	22.71	267.80	22.71	259.60	22.71	252.30	22.71	234.10	22.71	216.00	22.71
	26.0	24.0	285.10	22.71	269.60	22.71	261.40	22.71	254.00	22.71	235.90	22.71	217.70	22.09
	30.0	28.0	286.90	22.71	271.30	22.71	263.10	22.71	255.70	22.71	237.60	22.71	217.70	20.46
	35.0	32.0	289.40	22.71	273.90	22.71	265.70	22.71	258.30	22.71	238.50	20.71	217.70	18.30
	39.0	36.0	291.20	22.71	275.60	22.71	267.40	22.71	259.20	21.63	238.50	19.26	217.70	17.05
	44.0	40.0	292.90	22.71	277.30	22.22	268.30	21.16	259.20	20.13	238.50	17.96	217.70	15.92
	47.0	43.0	293.80	22.71	277.30	21.44	268.30	20.43	259.20	19.44	238.50	17.36	217.70	15.41
	51.0	47.0	295.50	22.00	277.30	20.03	268.30	19.11	259.20	18.20	238.50	16.29	217.70	14.49
	54.0	50.0	295.50	20.59	277.30	18.78	268.30	17.93	259.20	17.10	238.50	15.34	217.70	13.68
	57.0	53.0	295.50	18.76	277.30	17.16	268.30	16.41	259.20	15.68	238.50	14.13	217.70	12.64
	60.0	56.0	295.50	17.72	277.30	16.24	268.30	15.55	259.20	14.87	238.50	13.44	217.70	12.05
110	-21.8	-22.0	153.40	17.09	150.10	17.80	148.40	18.15	146.80	18.50	143.00	19.20	134.20	19.90
	-17.8	-18.0	166.80	17.80	163.50	18.50	161.80	18.85	160.10	19.20	156.30	19.90	147.60	20.60
	-12.6	-13.0	186.90	18.85	183.60	19.55	181.90	19.90	180.20	20.25	176.40	20.96	167.70	21.66
	-7.1	-7.6	207.00	19.90	203.60	20.60	202.00	20.96	200.30	21.31	196.50	22.01	187.50	22.71
	-3.6	-4.0	220.40	20.60	217.00	21.31	215.40	21.66	213.70	22.01	204.80	22.71	189.20	22.71
	-1.8	-2.2	227.10	20.96	223.70	21.66	222.10	22.01	220.40	22.36	205.60	22.71	190.10	22.71
	2.0	1.0	240.50	21.66	237.10	22.36	231.20	22.71	223.80	22.71	207.40	22.71	191.80	22.71
	6.0	5.0	255.30	22.71	241.30	22.71	233.80	22.71	226.40	22.71	210.00	22.71	194.40	22.71
	10.0	9.0	257.00	22.71	243.00	22.71	235.60	22.71	228.10	22.71	211.70	22.71	196.10	22.71
	13.0	12.0	257.90	22.71	243.90	22.71	236.40	22.71	229.00	22.71	212.50	22.71	197.00	22.71
	17.0	15.0	260.50	22.71	246.50	22.71	239.00	22.71	231.60	22.71	215.10	22.71	199.60	22.70
	19.0	18.0	261.40	22.71	247.30	22.71	239.90	22.71	232.40	22.71	216.00	22.71	199.60	21.81
	23.0	21.0	263.10	22.71	249.00	22.71	241.60	22.71	234.10	22.71	217.70	22.71	199.60	20.15
	26.0	24.0	264.80	22.71	250.80	22.71	243.30	22.71	235.90	22.71	218.60	21.19	199.60	18.65
	30.0	28.0	266.50	22.71	252.50	22.71	245.10	22.71	237.60	22.11	218.60	19.62	199.60	17.29
	35.0	32.0	269.10	22.71	254.20	21.85	245.90	20.79	237.60	19.74	218.60	17.55	199.60	15.50
	39.0	36.0	270.90	22.37	254.20	20.29	245.90	19.32	237.60	18.36	218.60	16.35	199.60	14.46
	44.0	40.0	270.90	20.79	254.20	18.89	245.90	18.00	237.60	17.12	218.60	15.27	199.60	13.53
	47.0	43.0	270.90	20.07	254.20	18.25	245.90	17.39	237.60	16.55	218.60	14.78	199.60	13.11
	51.0	47.0	270.90	18.77	254.20	17.10	245.90	16.30	237.60	15.53	218.60	13.90	199.60	12.36
	54.0	50.0	270.90	17.60	254.20	16.07	245.90	15.34	237.60	14.63	218.60	13.12	199.60	11.69
	57.0	53.0	270.90	16.10	254.20	14.75	245.90	14.09	237.60	13.47	218.60	12.12	199.60	10.84
	60.0	56.0	270.90	15.25	254.20	14.01	245.90	13.39	237.60	12.81	218.60	11.56	199.60	10.36

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC192S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	148.50	18.15	145.50	18.85	143.90	19.20	142.40	19.53	133.80	19.55	125.20	20.25
	-17.8	-18.0	161.90	18.85	158.90	19.55	157.30	19.90	155.80	20.24	147.20	20.25	138.50	20.96
	-12.6	-13.0	182.00	19.90	178.90	20.60	177.40	20.96	175.90	21.29	167.30	21.31	158.60	22.01
	-7.1	-7.6	202.10	20.96	199.00	21.66	197.50	22.01	196.00	22.34	187.40	22.36	172.80	22.71
	-3.6	-4.0	215.40	21.66	212.40	22.36	209.70	22.71	203.90	22.71	189.20	22.71	174.50	22.71
	-1.8	-2.2	222.10	22.01	217.30	22.71	210.60	22.71	204.80	22.71	190.10	22.71	175.40	22.71
	2.0	1.0	231.60	22.71	219.00	22.71	212.30	22.71	206.50	22.71	191.80	22.71	177.10	22.71
	6.0	5.0	234.10	22.71	221.60	22.71	214.90	22.71	209.10	22.71	194.40	22.71	179.70	22.71
	10.0	9.0	235.90	22.71	223.30	22.71	216.60	22.71	210.80	22.71	196.10	22.71	181.40	22.45
	13.0	12.0	236.70	22.71	224.20	22.71	217.50	22.71	211.70	22.71	197.00	22.71	181.40	21.56
	17.0	15.0	239.30	22.71	226.80	22.71	220.10	22.71	214.30	22.71	198.70	21.72	181.40	19.10
	19.0	18.0	240.20	22.71	227.70	22.71	221.00	22.71	215.10	22.71	198.70	20.86	181.40	18.35
	23.0	21.0	241.90	22.71	229.40	22.71	222.70	22.71	216.00	21.77	198.70	19.27	181.40	16.97
	26.0	24.0	243.60	22.71	231.10	22.32	223.60	21.20	216.00	20.13	198.70	17.84	181.40	15.72
	30.0	28.0	245.40	22.71	231.10	20.65	223.60	19.62	216.00	18.64	198.70	16.54	181.40	14.59
	35.0	32.0	246.20	20.36	231.10	18.45	223.60	17.54	216.00	16.68	198.70	14.83	181.40	13.11
	39.0	36.0	246.20	18.92	231.10	17.17	223.60	16.33	216.00	15.53	198.70	13.83	181.40	12.25
	44.0	40.0	246.20	17.63	231.10	16.02	223.60	15.25	216.00	14.51	198.70	12.95	181.40	11.48
	47.0	43.0	246.20	17.03	231.10	15.49	223.60	14.75	216.00	14.04	198.70	12.54	181.40	11.13
	51.0	47.0	246.20	15.96	231.10	14.55	223.60	13.86	216.00	13.20	198.70	11.82	181.40	10.51
	54.0	50.0	246.20	15.02	231.10	13.71	223.60	13.07	216.00	12.46	198.70	11.18	181.40	9.96
	57.0	53.0	246.20	13.80	231.10	12.64	223.60	12.07	216.00	11.52	198.70	10.37	181.40	9.27
	60.0	56.0	246.20	13.11	231.10	12.03	223.60	11.50	216.00	10.98	198.70	9.91	181.40	8.88
90	-21.8	-22.0	143.60	19.20	138.40	19.55	135.00	19.55	131.60	19.90	123.90	20.25	116.10	20.25
	-17.8	-18.0	157.00	19.90	151.80	20.25	148.40	20.25	145.00	20.60	137.30	20.96	129.50	20.96
	-12.6	-13.0	177.00	20.96	171.90	21.31	168.50	21.31	165.10	21.66	157.30	22.01	149.60	22.01
	-7.1	-7.6	197.10	22.01	192.00	22.36	188.60	22.36	183.20	22.71	170.20	22.71	158.10	22.71
	-3.6	-4.0	207.80	22.71	196.80	22.71	190.80	22.71	184.90	22.71	171.90	22.71	159.80	22.71
	-1.8	-2.2	208.70	22.71	197.60	22.71	191.70	22.71	185.80	22.71	172.80	22.71	160.70	22.71
	2.0	1.0	210.40	22.71	199.40	22.71	193.40	22.71	187.50	22.71	174.50	22.71	162.40	22.71
	6.0	5.0	213.00	22.71	202.00	22.71	196.00	22.71	190.10	22.71	177.10	22.71	163.30	20.81
	10.0	9.0	214.70	22.71	203.70	22.71	197.70	22.71	191.80	22.71	178.90	21.84	163.30	19.18
	13.0	12.0	215.60	22.71	204.60	22.71	198.60	22.71	192.70	22.71	178.90	20.97	163.30	18.41
	17.0	15.0	218.20	22.71	207.10	22.71	201.20	22.15	194.40	21.00	178.90	18.58	163.30	16.33
	19.0	18.0	219.00	22.71	208.00	22.40	201.20	21.28	194.40	20.18	178.90	17.86	163.30	15.70
	23.0	21.0	220.80	22.71	208.00	20.69	201.20	19.66	194.40	18.65	178.90	16.52	163.30	14.53
	26.0	24.0	221.60	21.16	208.00	19.14	201.20	18.19	194.40	17.26	178.90	15.30	163.30	13.48
	30.0	28.0	221.60	19.59	208.00	17.73	201.20	16.86	194.40	16.00	178.90	14.20	163.30	12.53
	35.0	32.0	221.60	17.52	208.00	15.88	201.20	15.11	194.40	14.35	178.90	12.76	163.30	11.28
	39.0	36.0	221.60	16.32	208.00	14.80	201.20	14.09	194.40	13.40	178.90	11.93	163.30	10.56
	44.0	40.0	221.60	15.24	208.00	13.84	201.20	13.19	194.40	12.54	178.90	11.19	163.30	9.92
	47.0	43.0	221.60	14.74	208.00	13.40	201.20	12.77	194.40	12.15	178.90	10.85	163.30	9.63
	51.0	47.0	221.60	13.86	208.00	12.62	201.20	12.03	194.40	11.46	178.90	10.25	163.30	9.11
	54.0	50.0	221.60	13.07	208.00	11.92	201.20	11.38	194.40	10.84	178.90	9.72	163.30	8.66
	57.0	53.0	221.60	12.07	208.00	11.04	201.20	10.55	194.40	10.06	178.90	9.05	163.30	8.09
	60.0	56.0	221.60	11.51	208.00	10.54	201.20	10.08	194.40	9.62	178.90	8.67	163.30	7.77
80	-21.8	-22.0	132.90	19.90	126.90	19.90	123.90	20.25	120.80	20.25	113.90	20.60	107.00	20.60
	-17.8	-18.0	146.30	20.60	140.30	20.60	137.30	20.96	134.20	20.96	127.30	21.31	120.40	21.31
	-12.6	-13.0	166.40	21.66	160.40	21.66	157.30	22.01	154.30	22.01	147.40	22.36	140.50	22.36
	-7.1	-7.6	184.90	22.71	175.40	22.71	170.20	22.71	165.90	22.71	154.70	22.71	143.40	22.71
	-3.6	-4.0	186.60	22.71	177.10	22.71	171.90	22.71	167.60	22.71	156.40	22.71	145.20	22.53
	-1.8	-2.2	187.50	22.71	178.00	22.71	172.80	22.71	168.50	22.71	157.30	22.71	145.20	21.62
	2.0	1.0	189.20	22.71	179.70	22.71	174.50	22.71	170.20	22.71	159.00	22.66	145.20	19.90
	6.0	5.0	191.80	22.71	182.30	22.71	177.10	22.71	172.80	22.63	159.00	20.03	145.20	17.59
	10.0	9.0	193.50	22.71	184.00	22.71	178.90	22.00	172.80	20.85	159.00	18.46	145.20	16.22
	13.0	12.0	194.40	22.71	184.90	22.26	178.90	21.12	172.80	20.02	159.00	17.73	145.20	15.58
	17.0	15.0	197.00	21.84	184.90	19.72	178.90	18.72	172.80	17.74	159.00	15.72	145.20	13.83
	19.0	18.0	197.00	20.98	184.90	18.95	178.90	17.99	172.80	17.06	159.00	15.12	145.20	13.30
	23.0	21.0	197.00	19.38	184.90	17.52	178.90	16.64	172.80	15.78	159.00	14.00	145.20	12.32
	26.0	24.0	197.00	17.94	184.90	16.22	178.90	15.41	172.80	14.62	159.00	12.98	145.20	11.44
	30.0	28.0	197.00	16.63	184.90	15.05	178.90	14.31	172.80	13.58	159.00	12.07	145.20	10.65
	35.0	32.0	197.00	14.91	184.90	13.52	178.90	12.86	172.80	12.22	159.00	10.87	145.20	9.61
	39.0	36.0	197.00	13.91	184.90	12.63	178.90	12.02	172.80	11.42	159.00	10.18	145.20	9.01
	44.0	40.0	197.00	13.02	184.90	11.83	178.90	11.27	172.80	10.72	159.00	9.57	145.20	8.48
	47.0	43.0	197.00	12.61	184.90	11.47	178.90	10.93	172.80	10.40	159.00	9.29	145.20	8.24
	51.0	47.0	197.00	11.88	184.90	10.83	178.90	10.33	172.80	9.83	159.00	8.80	145.20	7.82
	54.0	50.0	197.00	11.25	184.90	10.26	178.90	9.79	172.80	9.33	159.00	8.36	145.20	7.44
	57.0	53.0	197.00	10.43	184.90	9.54	178.90	9.12	172.80	8.70	159.00	7.81	145.20	6.97
	60.0	56.0	197.00	9.97	184.90	9.13	178.90	8.73	172.80	8.34	159.00	7.51	145.20	6.71

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC192S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	120.60	20.25	115.30	20.60	112.70	20.60	110.00	20.60	104.00	20.96	97.90	20.96
	-17.8	-18.0	134.00	20.96	128.70	21.31	126.10	21.31	123.40	21.31	117.40	21.66	111.30	21.66
	-12.6	-13.0	154.10	22.01	148.80	22.36	146.20	22.36	143.50	22.36	135.60	22.71	126.10	22.71
	-7.1	-7.6	164.60	22.71	155.70	22.71	152.20	22.71	147.70	22.71	138.20	22.71	127.00	20.31
	-3.6	-4.0	166.30	22.71	157.50	22.71	153.90	22.71	149.50	22.71	139.10	21.33	127.00	18.70
	-1.8	-2.2	167.20	22.71	158.30	22.71	154.80	22.71	150.30	22.71	139.10	20.46	127.00	17.94
	2.0	1.0	168.90	22.71	160.10	22.71	156.50	22.44	151.20	21.26	139.10	18.84	127.00	16.52
	6.0	5.0	171.50	22.71	161.80	20.92	156.50	19.83	151.20	18.79	139.10	16.66	127.00	14.61
	10.0	9.0	172.40	21.33	161.80	19.28	156.50	18.28	151.20	17.32	139.10	15.36	127.00	13.48
	13.0	12.0	172.40	20.48	161.80	18.51	156.50	17.55	151.20	16.64	139.10	14.75	127.00	12.95
	17.0	15.0	172.40	18.15	161.80	16.42	156.50	15.57	151.20	14.77	139.10	13.10	127.00	11.51
	19.0	18.0	172.40	17.45	161.80	15.78	156.50	14.97	151.20	14.20	139.10	12.60	127.00	11.08
	23.0	21.0	172.40	16.14	161.80	14.61	156.50	13.86	151.20	13.15	139.10	11.68	127.00	10.28
	26.0	24.0	172.40	14.96	161.80	13.55	156.50	12.86	151.20	12.21	139.10	10.85	127.00	9.55
	30.0	28.0	172.40	13.89	161.80	12.59	156.50	11.96	151.20	11.36	139.10	10.10	127.00	8.91
	35.0	32.0	172.40	12.50	161.80	11.34	156.50	10.78	151.20	10.25	139.10	9.13	127.00	8.06
	39.0	36.0	172.40	11.69	161.80	10.62	156.50	10.10	151.20	9.61	139.10	8.57	127.00	7.58
	44.0	40.0	172.40	10.97	161.80	9.97	156.50	9.50	151.20	9.04	139.10	8.07	127.00	7.15
	47.0	43.0	172.40	10.64	161.80	9.68	156.50	9.22	151.20	8.78	139.10	7.84	127.00	6.95
	51.0	47.0	172.40	10.06	161.80	9.16	156.50	8.73	151.20	8.32	139.10	7.44	127.00	6.61
	54.0	50.0	172.40	9.55	161.80	8.71	156.50	8.31	151.20	7.92	139.10	7.09	127.00	6.31
	57.0	53.0	172.40	8.90	161.80	8.13	156.50	7.77	151.20	7.42	139.10	6.65	127.00	5.93
	60.0	56.0	172.40	8.53	161.80	7.81	156.50	7.46	151.20	7.13	139.10	6.40	127.00	5.72
60	-21.8	-22.0	108.30	20.96	103.80	20.96	101.50	20.96	99.20	20.96	94.00	20.78	88.90	19.25
	-17.8	-18.0	121.70	21.66	117.20	21.66	114.90	21.66	112.60	21.66	107.40	21.49	102.30	19.95
	-12.6	-13.0	141.70	22.71	135.20	22.71	131.50	22.71	127.90	22.71	119.20	21.29	108.90	18.69
	-7.1	-7.6	144.30	22.71	137.80	22.71	134.10	22.42	129.60	21.28	119.20	18.80	108.90	16.51
	-3.6	-4.0	146.00	22.71	138.70	21.79	134.10	20.64	129.60	19.59	119.20	17.31	108.90	15.20
	-1.8	-2.2	146.90	22.71	138.70	20.90	134.10	19.81	129.60	18.79	119.20	16.61	108.90	14.58
	2.0	1.0	147.70	21.28	138.70	19.25	134.10	18.24	129.60	17.30	119.20	15.30	108.90	13.43
	6.0	5.0	147.70	18.81	138.70	17.02	134.10	16.13	129.60	15.30	119.20	13.53	108.90	11.89
	10.0	9.0	147.70	17.34	138.70	15.69	134.10	14.87	129.60	14.12	119.20	12.49	108.90	10.97
	13.0	12.0	147.70	16.66	138.70	15.07	134.10	14.29	129.60	13.56	119.20	12.00	108.90	10.55
	17.0	15.0	147.70	14.79	138.70	13.39	134.10	12.70	129.60	12.05	119.20	10.68	108.90	9.39
	19.0	18.0	147.70	14.22	138.70	12.88	134.10	12.22	129.60	11.60	119.20	10.28	108.90	9.04
	23.0	21.0	147.70	13.18	138.70	11.93	134.10	11.33	129.60	10.76	119.20	9.54	108.90	8.40
	26.0	24.0	147.70	12.23	138.70	11.08	134.10	10.52	129.60	10.00	119.20	8.88	108.90	7.82
	30.0	28.0	147.70	11.38	138.70	10.32	134.10	9.80	129.60	9.32	119.20	8.28	108.90	7.30
	35.0	32.0	147.70	10.28	138.70	9.33	134.10	8.87	129.60	8.43	119.20	7.51	108.90	6.63
	39.0	36.0	147.70	9.64	138.70	8.75	134.10	8.33	129.60	7.92	119.20	7.06	108.90	6.25
	44.0	40.0	147.70	9.07	138.70	8.24	134.10	7.85	129.60	7.47	119.20	6.67	108.90	5.91
	47.0	43.0	147.70	8.81	138.70	8.01	134.10	7.63	129.60	7.26	119.20	6.49	108.90	5.75
	51.0	47.0	147.70	8.36	138.70	7.60	134.10	7.25	129.60	6.90	119.20	6.18	108.90	5.48
	54.0	50.0	147.70	7.96	138.70	7.25	134.10	6.91	129.60	6.59	119.20	5.91	108.90	5.25
	57.0	53.0	147.70	7.45	138.70	6.80	134.10	6.49	129.60	6.19	119.20	5.56	108.90	4.95
	60.0	56.0	147.70	7.17	138.70	6.54	134.10	6.26	129.60	5.96	119.20	5.37	108.90	4.78
50	-21.8	-22.0	96.00	21.31	92.20	20.58	90.30	19.50	88.40	19.60	84.10	17.24	79.80	16.10
	-17.8	-18.0	109.40	22.01	105.60	21.28	103.70	20.20	101.80	20.31	97.50	17.94	90.70	16.81
	-12.6	-13.0	122.30	22.71	115.60	21.10	111.80	20.05	108.00	19.02	99.40	16.84	90.70	14.85
	-7.1	-7.6	123.10	20.66	115.60	18.63	111.80	17.71	108.00	16.80	99.40	14.88	90.70	13.11
	-3.6	-4.0	123.10	19.02	115.60	17.15	111.80	16.31	108.00	15.46	99.40	13.70	90.70	12.07
	-1.8	-2.2	123.10	18.25	115.60	16.46	111.80	15.65	108.00	14.84	99.40	13.14	90.70	11.59
	2.0	1.0	123.10	16.80	115.60	15.16	111.80	14.41	108.00	13.67	99.40	12.11	90.70	10.67
	6.0	5.0	123.10	14.87	115.60	13.41	111.80	12.75	108.00	12.10	99.40	10.72	90.70	9.45
	10.0	9.0	123.10	13.71	115.60	12.38	111.80	11.77	108.00	11.17	99.40	9.90	90.70	8.73
	13.0	12.0	123.10	13.18	115.60	11.90	111.80	11.31	108.00	10.73	99.40	9.52	90.70	8.40
	17.0	15.0	123.10	11.72	115.60	10.59	111.80	10.07	108.00	9.56	99.40	8.48	90.70	7.49
	19.0	18.0	123.10	11.28	115.60	10.19	111.80	9.69	108.00	9.20	99.40	8.17	90.70	7.21
	23.0	21.0	123.10	10.46	115.60	9.46	111.80	9.00	108.00	8.55	99.40	7.59	90.70	6.71
	26.0	24.0	123.10	9.73	115.60	8.80	111.80	8.38	108.00	7.96	99.40	7.08	90.70	6.25
	30.0	28.0	123.10	9.07	115.60	8.22	111.80	7.82	108.00	7.43	99.40	6.61	90.70	5.85
	35.0	32.0	123.10	8.22	115.60	7.45	111.80	7.10	108.00	6.75	99.40	6.01	90.70	5.32
	39.0	36.0	123.10	7.72	115.60	7.01	111.80	6.68	108.00	6.35	99.40	5.67	90.70	5.02
	44.0	40.0	123.10	7.29	115.60	6.63	111.80	6.32	108.00	6.01	99.40	5.37	90.70	4.76
	47.0	43.0	123.10	7.09	115.60	6.45	111.80	6.15	108.00	5.85	99.40	5.23	90.70	4.64
	51.0	47.0	123.10	6.74	115.60	6.14	111.80	5.86	108.00	5.58	99.40	4.99	90.70	4.43
	54.0	50.0	123.10	6.44	115.60	5.87	111.80	5.61	108.00	5.34	99.40	4.78	90.70	4.25
	57.0	53.0	123.10	6.06	115.60	5.53	111.80	5.29	108.00	5.03	99.40	4.52	90.70	4.02
	60.0	56.0	123.10	5.85	115.60	5.35	111.80	5.11	108.00	4.87	99.40	4.37	90.70	3.89

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC216S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	182.50	4.72	221.80	6.39	261.10	8.00	280.80	8.99	315.00	10.50	347.80	11.16	367.85	12.20
	10	182.50	4.97	221.80	6.66	261.10	8.29	280.80	9.27	315.00	10.77	344.36	11.39	364.21	12.39
	14	182.50	5.23	221.80	6.94	261.10	8.59	280.80	9.56	315.00	11.05	340.95	11.62	360.60	12.58
	23	182.50	5.51	221.80	7.23	261.10	8.90	280.80	9.86	315.00	11.33	337.57	11.86	357.03	12.77
	27	182.50	5.80	221.80	7.53	261.10	9.22	280.80	10.17	315.00	11.62	334.23	12.10	353.50	12.96
	32	182.50	6.11	221.80	7.84	261.10	9.55	280.80	10.48	315.00	11.92	330.92	12.35	350.00	13.16
	37	182.50	6.43	221.80	8.17	261.10	9.90	280.80	10.80	315.00	12.23	327.64	12.60	346.53	13.36
	41	182.50	6.77	221.80	8.51	261.10	10.26	280.80	11.13	315.00	12.54	324.40	12.86	343.10	13.56
	46	182.50	6.90	221.80	8.66	261.10	10.42	280.80	11.30	311.80	12.65	321.10	13.02	339.90	13.79
	50	182.50	7.02	221.80	8.80	261.10	10.59	280.80	11.48	309.60	12.78	319.00	13.18	337.70	14.05
	54	182.50	7.21	221.80	9.00	261.10	10.81	280.80	11.73	307.40	12.98	316.80	13.44	335.50	14.40
	57	182.50	7.40	221.80	9.22	261.10	11.09	280.80	12.06	305.30	13.28	314.70	13.75	333.40	14.77
	61	182.50	7.63	221.80	9.52	261.10	11.46	280.80	12.44	303.10	13.60	312.50	14.13	331.20	15.22
	64	182.50	7.91	221.80	9.84	261.10	11.84	280.80	12.90	301.00	14.06	310.30	14.62	329.10	15.90
	68	182.50	8.20	221.80	10.21	261.10	12.36	280.10	13.50	298.80	14.65	308.20	15.31	326.90	16.72
	72	182.50	8.55	221.80	10.66	261.10	13.02	277.90	14.12	296.60	15.43	306.00	16.12	324.70	17.82
	75	182.50	8.91	221.80	11.24	261.10	13.85	275.80	14.96	294.50	16.33	303.90	17.18	322.60	19.11
	79	182.50	9.43	221.80	11.91	261.10	14.78	273.60	15.84	292.30	17.49	301.70	18.39	314.20	20.15
	82	182.50	9.97	221.80	12.72	261.10	15.91	271.40	16.99	290.20	18.67	294.90	19.31	303.40	21.04
	86	182.50	10.66	221.80	13.64	259.90	17.12	265.20	17.76	280.70	19.32	283.70	19.97	292.60	21.95
	90	182.50	11.39	221.80	14.82	250.80	17.57	254.80	18.10	269.40	19.93	272.50	20.66	281.80	22.18
	93	182.50	12.45	221.80	15.99	240.50	17.90	244.40	18.59	258.10	20.48	261.30	21.12	270.90	21.52
	95	182.50	12.99	221.80	16.56	235.30	18.13	239.30	18.84	252.50	20.68	255.70	20.98	265.50	21.20
	99	182.50	14.03	216.40	17.29	225.00	18.58	228.90	19.22	241.20	20.39	244.40	20.33	254.70	20.57
	102	182.50	15.11	205.40	17.61	214.70	18.94	218.50	19.32	230.00	19.75	233.20	19.68	243.90	19.95
	106	182.50	16.51	194.40	17.87	204.40	18.88	208.10	18.85	218.70	19.14	222.00	19.06	233.10	19.36
	111	171.50	17.48	178.00	17.95	188.90	18.26	192.50	18.16	201.80	18.27	205.20	18.18	216.90	18.52
	115	160.40	17.75	167.10	17.58	178.60	17.92	182.10	17.78	190.50	17.76	194.00	17.65	206.10	18.01
	118	149.40	17.62	156.10	17.29	168.30	17.68	171.70	17.50	179.30	17.31	182.80	17.18	195.30	17.56
	120	143.90	17.57	150.60	17.20	163.10	17.61	166.60	17.41	173.60	17.12	177.20	16.98	184.30	16.70
	122	135.30	16.69	141.60	16.34	153.30	16.73	156.60	16.54	163.20	16.26	166.60	16.13	173.20	15.87
120	5	168.50	4.36	204.80	5.87	241.10	7.31	259.20	8.20	295.50	9.80	313.60	10.83	360.34	12.01
	10	168.50	4.59	204.80	6.11	241.10	7.57	259.20	8.45	295.50	10.05	313.60	11.05	356.78	12.19
	14	168.50	4.83	204.80	6.36	241.10	7.84	259.20	8.71	295.50	10.31	313.60	11.28	353.24	12.38
	23	168.50	5.08	204.80	6.62	241.10	8.12	259.20	8.98	295.50	10.57	313.60	11.51	349.75	12.57
	27	168.50	5.35	204.80	6.90	241.10	8.41	259.20	9.26	295.50	10.84	313.60	11.74	346.28	12.76
	32	168.50	5.63	204.80	7.19	241.10	8.72	259.20	9.55	295.50	11.12	313.60	11.98	342.86	12.95
	37	168.50	5.93	204.80	7.49	241.10	9.04	259.20	9.85	295.50	11.40	313.60	12.22	339.46	13.15
	41	168.50	6.24	204.80	7.80	241.10	9.37	259.20	10.15	295.50	11.69	313.60	12.47	336.10	13.35
	46	168.50	6.36	204.80	7.93	241.10	9.51	259.20	10.29	295.50	11.92	312.30	12.67	332.80	13.51
	50	168.50	6.45	204.80	8.05	241.10	9.65	259.20	10.45	295.50	12.13	310.10	12.79	330.70	13.69
	54	168.50	6.60	204.80	8.21	241.10	9.84	259.20	10.66	295.50	12.39	307.90	12.98	328.50	13.97
	57	168.50	6.76	204.80	8.39	241.10	10.07	259.20	10.92	295.50	12.76	305.80	13.26	326.40	14.29
	61	168.50	6.95	204.80	8.64	241.10	10.38	259.20	11.28	293.30	13.04	303.60	13.56	324.20	14.70
	64	168.50	7.18	204.80	8.92	241.10	10.72	259.20	11.65	291.20	13.41	301.50	13.99	322.00	15.22
	68	168.50	7.42	204.80	9.23	241.10	11.15	259.20	12.16	289.00	13.91	299.30	14.54	319.90	15.94
	72	168.50	7.73	204.80	9.63	241.10	11.70	259.20	12.80	286.80	14.58	297.10	15.30	317.70	16.82
	75	168.50	8.06	204.80	10.12	241.10	12.38	259.20	13.65	284.70	15.42	295.00	16.20	315.60	17.95
	79	168.50	8.52	204.80	10.73	241.10	13.27	259.20	14.68	282.50	16.44	292.80	17.31	311.80	19.07
	82	168.50	9.02	204.80	11.47	241.10	14.27	259.20	15.88	280.40	17.61	290.70	18.51	300.90	19.74
	86	168.50	9.63	204.80	12.29	241.10	15.47	257.60	17.08	273.60	18.41	280.00	19.04	290.00	20.41
	90	168.50	10.29	204.80	13.32	241.10	16.75	249.00	17.65	262.60	18.82	268.70	19.53	279.10	21.11
	93	168.50	11.17	204.80	14.45	235.90	17.53	238.80	17.95	251.70	19.27	257.50	20.02	268.20	21.42
	95	168.50	11.66	204.80	15.03	230.70	17.66	233.60	18.14	246.20	19.48	251.90	20.23	262.70	21.14
	99	168.50	12.68	204.80	16.20	220.40	17.99	223.40	18.49	235.30	19.79	240.70	20.18	251.80	20.50
	102	168.50	13.72	204.80	17.55	210.10	18.26	213.20	18.73	224.30	19.45	229.50	19.56	240.90	19.88
	106	168.50	14.95	194.00	17.74	199.70	18.43	203.00	18.64	213.40	18.88	218.20	18.95	230.00	19.29
	111	168.50	17.03	177.90	17.90	184.20	17.98	187.60	18.00	197.00	18.08	201.40	18.08	213.70	18.45
	115	158.60	17.25	167.20	17.66	173.90	17.64	177.40	17.65	186.00	17.61	190.20	17.56	202.80	17.94
	118	148.80	17.38	156.40	17.44	163.60	17.42	167.20	17.41	175.10	17.22	179.00	17.11	191.90	17.50
	120	143.90	17.45	151.10	17.40	158.40	17.36	162.10	17.35	169.60	17.06	173.40	16.92	180.90	16.64
	122	135.30	16.58	142.00	16.53	148.90	16.49	152.40	16.48	159.40	16.21	163.00	16.07	170.00	15.81

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC216S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	154.40	3.99	187.70	5.34	221.00	6.58	237.60	7.40	270.90	8.87	287.50	9.82	320.80	11.47
	10	154.40	4.20	187.70	5.56	221.00	6.82	237.60	7.63	270.90	9.10	287.50	10.02	320.80	11.64
	14	154.40	4.42	187.70	5.79	221.00	7.07	237.60	7.87	270.90	9.33	287.50	10.22	320.80	11.82
	23	154.40	4.65	187.70	6.03	221.00	7.33	237.60	8.11	270.90	9.57	287.50	10.43	320.80	12.00
	27	154.40	4.89	187.70	6.28	221.00	7.60	237.60	8.36	270.90	9.82	287.50	10.64	320.80	12.18
	32	154.40	5.15	187.70	6.54	221.00	7.88	237.60	8.62	270.90	10.07	287.50	10.86	320.80	12.37
	37	154.40	5.42	187.70	6.81	221.00	8.17	237.60	8.89	270.90	10.33	287.50	11.08	320.80	12.56
	41	154.40	5.71	187.70	7.09	221.00	8.47	237.60	9.16	270.90	10.59	287.50	11.31	320.80	12.75
	46	154.40	5.82	187.70	7.21	221.00	8.60	237.60	9.30	270.90	10.76	287.50	11.51	320.80	13.01
	50	154.40	5.90	187.70	7.30	221.00	8.71	237.60	9.42	270.90	10.93	287.50	11.69	319.10	13.16
	54	154.40	6.01	187.70	7.43	221.00	8.88	237.60	9.61	270.90	11.15	287.50	11.94	317.00	13.35
	57	154.40	6.14	187.70	7.59	221.00	9.07	237.60	9.82	270.90	11.44	287.50	12.26	314.80	13.60
	61	154.40	6.29	187.70	7.78	221.00	9.33	237.60	10.12	270.90	11.79	287.50	12.64	312.60	13.94
	64	154.40	6.47	187.70	8.01	221.00	9.63	237.60	10.46	270.90	12.20	287.50	13.12	310.50	14.42
	68	154.40	6.66	187.70	8.28	221.00	9.98	237.60	10.86	270.90	12.74	285.90	13.62	308.30	15.00
	72	154.40	6.92	187.70	8.63	221.00	10.44	237.60	11.39	270.90	13.41	283.70	14.23	306.20	15.73
	75	154.40	7.24	187.70	9.05	221.00	11.01	237.60	12.06	270.30	14.25	281.60	15.03	304.00	16.69
	79	154.40	7.63	187.70	9.58	221.00	11.77	237.60	13.00	268.20	15.19	279.40	16.02	301.80	17.81
	82	154.40	8.10	187.70	10.24	221.00	12.72	237.60	14.11	266.00	16.26	277.20	17.14	294.30	18.58
	86	154.40	8.63	187.70	11.02	221.00	13.80	237.60	15.36	263.90	17.41	271.40	18.02	283.70	19.08
	90	154.40	9.24	187.70	11.91	221.00	14.98	237.60	16.66	255.10	17.99	260.70	18.40	273.20	19.57
	93	154.40	9.97	187.70	12.93	221.00	16.28	232.60	17.55	244.50	18.30	250.00	18.75	262.60	20.09
	95	154.40	10.40	187.70	13.48	221.00	16.91	227.60	17.67	239.30	18.45	244.60	18.92	257.30	20.32
	99	154.40	11.33	187.70	14.64	215.80	17.62	217.60	17.91	228.70	18.74	233.90	19.24	246.70	20.21
	102	154.40	12.37	187.70	15.82	205.40	17.79	207.60	18.10	218.20	18.90	223.20	19.16	236.10	19.63
	106	154.40	13.48	187.70	17.10	195.10	17.90	197.60	18.22	207.70	18.57	212.40	18.61	225.60	19.06
	111	154.40	15.30	174.50	17.44	179.60	17.70	182.60	17.81	191.90	17.85	196.40	17.84	209.70	18.29
	115	154.40	16.58	165.80	17.54	169.20	17.37	172.60	17.51	181.40	17.44	185.60	17.38	199.10	17.82
	118	148.70	17.21	157.00	17.64	158.80	17.16	162.60	17.32	170.80	17.11	174.90	17.01	188.50	17.43
	120	138.20	16.43	145.90	16.76	153.70	17.11	157.60	17.29	165.60	17.00	169.60	16.86	177.60	16.57
	122	129.90	15.61	137.10	15.92	144.50	16.25	148.10	16.43	155.70	16.15	159.40	16.02	166.90	15.74
100	5	140.40	3.62	170.60	4.78	200.90	5.90	216.00	6.61	246.20	7.96	261.40	8.82	291.60	10.33
	10	140.40	3.81	170.60	4.98	200.90	6.11	216.00	6.81	246.20	8.16	261.40	9.00	291.60	10.49
	14	140.40	4.01	170.60	5.19	200.90	6.33	216.00	7.02	246.20	8.37	261.40	9.18	291.60	10.65
	23	140.40	4.22	170.60	5.41	200.90	6.56	216.00	7.24	246.20	8.58	261.40	9.37	291.60	10.81
	27	140.40	4.44	170.60	5.64	200.90	6.80	216.00	7.46	246.20	8.80	261.40	9.56	291.60	10.97
	32	140.40	4.67	170.60	5.88	200.90	7.05	216.00	7.69	246.20	9.03	261.40	9.76	291.60	11.14
	37	140.40	4.92	170.60	6.12	200.90	7.31	216.00	7.93	246.20	9.26	261.40	9.96	291.60	11.31
	41	140.40	5.18	170.60	6.38	200.90	7.58	216.00	8.18	246.20	9.50	261.40	10.16	291.60	11.48
	46	140.40	5.28	170.60	6.49	200.90	7.69	216.00	8.30	246.20	9.63	261.40	10.30	291.60	11.63
	50	140.40	5.35	170.60	6.57	200.90	7.79	216.00	8.40	246.20	9.76	261.40	10.44	291.60	11.80
	54	140.40	5.42	170.60	6.66	200.90	7.93	216.00	8.57	246.20	9.94	261.40	10.64	291.60	12.06
	57	140.40	5.52	170.60	6.79	200.90	8.08	216.00	8.74	246.20	10.17	261.40	10.89	291.60	12.34
	61	140.40	5.64	170.60	6.95	200.90	8.30	216.00	9.00	246.20	10.45	261.40	11.19	291.60	12.70
	64	140.40	5.77	170.60	7.13	200.90	8.56	216.00	9.30	246.20	10.81	261.40	11.59	291.60	13.20
	68	140.40	5.90	170.60	7.35	200.90	8.86	216.00	9.64	246.20	11.24	261.40	12.08	291.60	13.85
	72	140.40	6.12	170.60	7.64	200.90	9.24	216.00	10.06	246.20	11.79	261.40	12.71	291.60	14.62
	75	140.40	6.40	170.60	8.01	200.90	9.71	216.00	10.60	246.20	12.49	261.40	13.49	291.60	15.51
	79	140.40	6.76	170.60	8.47	200.90	10.33	216.00	11.34	246.20	13.42	261.40	14.50	291.60	16.71
	82	140.40	7.18	170.60	9.04	200.90	11.18	216.00	12.40	246.20	14.59	261.40	15.70	286.50	17.61
	86	140.40	7.66	170.60	9.76	200.90	12.22	216.00	13.58	246.20	15.83	261.40	16.99	276.40	18.09
	90	140.40	8.20	170.60	10.59	200.90	13.30	216.00	14.79	246.20	17.17	252.00	17.52	266.30	18.45
	93	140.40	8.85	170.60	11.49	200.90	14.47	216.00	16.19	236.30	17.55	242.60	17.87	256.10	18.77
	95	140.40	9.20	170.60	11.97	200.90	15.17	216.00	16.85	231.30	17.66	237.90	18.02	251.10	18.94
	99	140.40	10.00	170.60	13.11	200.90	16.39	211.20	17.53	221.30	17.83	228.50	18.30	240.90	19.31
	102	140.40	11.01	170.60	14.25	200.90	17.57	201.50	17.61	211.40	18.01	219.00	18.60	230.80	19.31
	106	140.40	12.09	170.60	15.37	190.50	17.55	191.80	17.71	201.40	18.11	209.60	18.60	220.70	18.79
	111	140.40	13.71	170.60	17.12	174.90	17.40	177.30	17.58	186.40	17.57	195.50	18.08	205.50	18.09
	115	140.40	14.79	161.20	17.01	164.50	17.10	167.60	17.34	176.50	17.24	186.10	17.81	195.30	17.69
	118	140.40	15.86	151.80	17.00	154.20	16.90	158.00	17.22	166.50	17.00	176.70	17.66	185.20	17.37
	120	132.60	15.41	140.70	16.13	149.00	16.86	153.10	17.23	161.50	16.94	165.80	16.79	174.20	16.51
	122	124.60	14.64	132.30	15.32	140.10	16.02	143.90	16.37	151.80	16.09	155.90	15.95	163.70	15.68

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC216S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	126.40	3.26	153.60	4.29	180.80	5.27	194.40	5.89	221.60	7.07	235.20	7.84	262.40	9.18
	10	126.40	3.43	153.60	4.47	180.80	5.46	194.40	6.07	221.60	7.25	235.20	8.00	262.40	9.32
	14	126.40	3.61	153.60	4.66	180.80	5.66	194.40	6.26	221.60	7.44	235.20	8.16	262.40	9.46
	23	126.40	3.80	153.60	4.85	180.80	5.87	194.40	6.45	221.60	7.63	235.20	8.33	262.40	9.60
	27	126.40	4.00	153.60	5.05	180.80	6.08	194.40	6.65	221.60	7.83	235.20	8.50	262.40	9.75
	32	126.40	4.21	153.60	5.26	180.80	6.30	194.40	6.86	221.60	8.03	235.20	8.67	262.40	9.90
	37	126.40	4.43	153.60	5.48	180.80	6.53	194.40	7.07	221.60	8.24	235.20	8.85	262.40	10.05
	41	126.40	4.66	153.60	5.71	180.80	6.77	194.40	7.29	221.60	8.45	235.20	9.03	262.40	10.20
	46	126.40	4.76	153.60	5.81	180.80	6.87	194.40	7.40	221.60	8.57	235.20	9.15	262.40	10.32
	50	126.40	4.83	153.60	5.89	180.80	6.96	194.40	7.49	221.60	8.67	235.20	9.26	262.40	10.45
	54	126.40	4.89	153.60	5.97	180.80	7.06	194.40	7.61	221.60	8.81	235.20	9.41	262.40	10.63
	57	126.40	4.98	153.60	6.08	180.80	7.19	194.40	7.75	221.60	8.99	235.20	9.62	262.40	10.88
	61	126.40	5.09	153.60	6.22	180.80	7.37	194.40	7.96	221.60	9.23	235.20	9.87	262.40	11.17
	64	126.40	5.21	153.60	6.38	180.80	7.59	194.40	8.20	221.60	9.52	235.20	10.19	262.40	11.56
	68	126.40	5.33	153.60	6.57	180.80	7.85	194.40	8.50	221.60	9.88	235.20	10.60	262.40	12.09
	72	126.40	5.51	153.60	6.82	180.80	8.17	194.40	8.86	221.60	10.34	235.20	11.12	262.40	12.76
	75	126.40	5.75	153.60	7.12	180.80	8.55	194.40	9.29	221.60	10.92	235.20	11.76	262.40	13.51
	79	126.40	6.04	153.60	7.51	180.80	9.06	194.40	9.87	221.60	11.61	235.20	12.51	262.40	14.34
	82	126.40	6.40	153.60	7.98	180.80	9.69	194.40	10.60	221.60	12.47	235.20	13.43	262.40	15.42
	86	126.40	6.80	153.60	8.56	180.80	10.49	194.40	11.53	221.60	13.48	235.20	14.49	262.40	16.60
	90	126.40	7.26	153.60	9.22	180.80	11.37	194.40	12.51	221.60	14.57	235.20	15.64	257.70	17.40
	93	126.40	7.81	153.60	9.98	180.80	12.33	194.40	13.57	221.60	15.76	235.20	16.85	248.20	17.72
	95	126.40	8.13	153.60	10.39	180.80	12.86	194.40	14.18	221.60	16.36	235.20	17.45	243.50	17.84
	99	126.40	8.85	153.60	11.35	180.80	14.00	194.40	15.37	221.60	17.56	225.60	17.69	234.00	18.09
	102	126.40	9.73	153.60	12.37	180.80	15.13	194.40	16.57	210.90	17.66	216.00	17.92	224.50	18.39
	106	126.40	10.65	153.60	13.40	180.80	16.34	189.30	17.25	200.10	17.77	206.40	18.18	215.00	18.51
	111	126.40	12.16	153.60	15.15	175.20	17.64	173.80	17.38	184.00	17.63	192.00	18.03	200.80	17.96
	115	126.40	13.22	153.60	16.43	164.10	17.46	163.50	17.20	173.30	17.23	182.30	17.76	191.30	17.64
	118	126.40	14.41	140.80	15.97	153.00	17.24	153.30	17.03	162.60	16.93	172.70	17.60	181.80	17.42
	120	117.50	13.83	129.70	15.10	141.90	16.37	148.10	17.01	157.20	16.83	161.70	16.74	170.90	16.57
	122	110.50	13.14	121.90	14.35	133.40	15.55	139.20	16.16	147.80	15.99	152.00	15.90	160.60	15.74
80	5	112.30	2.79	136.50	3.65	160.70	4.47	172.80	5.00	197.00	5.98	209.10	6.63	233.30	7.74
	10	112.30	2.95	136.50	3.82	160.70	4.66	172.80	5.18	197.00	6.17	209.10	6.80	233.30	7.90
	14	112.30	3.12	136.50	4.00	160.70	4.85	172.80	5.37	197.00	6.36	209.10	6.97	233.30	8.06
	23	112.30	3.30	136.50	4.19	160.70	5.05	172.80	5.56	197.00	6.56	209.10	7.15	233.30	8.22
	27	112.30	3.49	136.50	4.39	160.70	5.26	172.80	5.76	197.00	6.76	209.10	7.33	233.30	8.39
	32	112.30	3.69	136.50	4.60	160.70	5.48	172.80	5.97	197.00	6.97	209.10	7.52	233.30	8.56
	37	112.30	3.91	136.50	4.82	160.70	5.71	172.80	6.19	197.00	7.19	209.10	7.71	233.30	8.73
	41	112.30	4.14	136.50	5.05	160.70	5.95	172.80	6.41	197.00	7.41	209.10	7.91	233.30	8.91
	46	112.30	4.23	136.50	5.14	160.70	6.05	172.80	6.51	197.00	7.51	209.10	8.02	233.30	9.02
	50	112.30	4.30	136.50	5.21	160.70	6.13	172.80	6.59	197.00	7.59	209.10	8.10	233.30	9.12
	54	112.30	4.37	136.50	5.29	160.70	6.21	172.80	6.67	197.00	7.70	209.10	8.21	233.30	9.24
	57	112.30	4.44	136.50	5.38	160.70	6.32	172.80	6.79	197.00	7.83	209.10	8.37	233.30	9.44
	61	112.30	4.54	136.50	5.49	160.70	6.46	172.80	6.94	197.00	8.03	209.10	8.58	233.30	9.70
	64	112.30	4.64	136.50	5.63	160.70	6.63	172.80	7.14	197.00	8.27	209.10	8.85	233.30	10.02
	68	112.30	4.75	136.50	5.79	160.70	6.85	172.80	7.39	197.00	8.57	209.10	9.17	233.30	10.42
	72	112.30	4.90	136.50	6.00	160.70	7.13	172.80	7.70	197.00	8.96	209.10	9.61	233.30	10.98
	75	112.30	5.09	136.50	6.26	160.70	7.45	172.80	8.06	197.00	9.44	209.10	10.16	233.30	11.66
	79	112.30	5.33	136.50	6.58	160.70	7.87	172.80	8.53	197.00	10.02	209.10	10.78	233.30	12.36
	82	112.30	5.61	136.50	6.96	160.70	8.36	172.80	9.08	197.00	10.65	209.10	11.45	233.30	13.10
	86	112.30	5.94	136.50	7.41	160.70	8.94	172.80	9.72	197.00	11.40	209.10	12.27	233.30	14.10
	90	112.30	6.32	136.50	7.93	160.70	9.62	172.80	10.49	197.00	12.28	209.10	13.22	233.30	15.18
	93	112.30	6.78	136.50	8.54	160.70	10.37	172.80	11.31	197.00	13.24	209.10	14.23	233.30	16.26
	95	112.30	7.06	136.50	8.88	160.70	10.79	172.80	11.77	197.00	13.74	209.10	14.76	233.30	16.80
	99	112.30	7.69	136.50	9.67	160.70	11.72	172.80	12.77	197.00	14.82	209.10	15.85	228.70	17.44
	102	112.30	8.44	136.50	10.55	160.70	12.75	172.80	13.88	197.00	15.96	209.10	17.00	219.60	17.59
	106	112.30	9.20	136.50	11.47	160.70	13.87	172.80	15.11	197.00	17.21	204.00	17.66	210.40	17.80
	111	112.30	10.62	136.50	13.16	160.70	15.84	172.80	17.24	182.80	17.63	188.90	17.95	196.70	17.88
	115	112.30	11.65	136.50	14.47	160.70	17.39	163.50	17.58	173.30	17.65	178.80	17.74	187.60	17.63
	118	112.30	12.97	129.40	14.89	145.90	16.75	154.10	17.66	163.80	17.58	168.70	17.55	178.50	17.48
	120	102.40	12.25	118.60	14.06	134.90	15.88	143.10	16.80	152.80	16.72	157.70	16.69	167.50	16.62
	122	96.30	11.64	111.50	13.36	126.80	15.09	134.50	15.96	143.60	15.88	148.20	15.86	157.50	15.79

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC216S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	98.30	2.45	119.40	3.19	140.60	3.89	151.20	4.34	172.40	5.17	183.00	5.71	204.10	6.64
	10	98.30	2.59	119.40	3.34	140.60	4.05	151.20	4.50	172.40	5.33	183.00	5.86	204.10	6.78
	14	98.30	2.74	119.40	3.50	140.60	4.22	151.20	4.66	172.40	5.49	183.00	6.01	204.10	6.92
	23	98.30	2.90	119.40	3.67	140.60	4.40	151.20	4.83	172.40	5.66	183.00	6.16	204.10	7.06
	27	98.30	3.07	119.40	3.84	140.60	4.58	151.20	5.01	172.40	5.84	183.00	6.32	204.10	7.20
	32	98.30	3.25	119.40	4.02	140.60	4.77	151.20	5.19	172.40	6.02	183.00	6.48	204.10	7.35
	37	98.30	3.44	119.40	4.21	140.60	4.97	151.20	5.38	172.40	6.21	183.00	6.65	204.10	7.50
	41	98.30	3.64	119.40	4.41	140.60	5.18	151.20	5.57	172.40	6.40	183.00	6.82	204.10	7.65
	46	98.30	3.71	119.40	4.49	140.60	5.27	151.20	5.66	172.40	6.50	183.00	6.91	204.10	7.75
	50	98.30	3.78	119.40	4.56	140.60	5.34	151.20	5.73	172.40	6.57	183.00	6.99	204.10	7.83
	54	98.30	3.84	119.40	4.62	140.60	5.41	151.20	5.80	172.40	6.65	183.00	7.07	204.10	7.92
	57	98.30	3.90	119.40	4.70	140.60	5.49	151.20	5.89	172.40	6.75	183.00	7.19	204.10	8.06
	61	98.30	3.98	119.40	4.79	140.60	5.60	151.20	6.01	172.40	6.90	183.00	7.36	204.10	8.27
	64	98.30	4.07	119.40	4.90	140.60	5.74	151.20	6.16	172.40	7.10	183.00	7.57	204.10	8.54
	68	98.30	4.16	119.40	5.04	140.60	5.92	151.20	6.36	172.40	7.34	183.00	7.84	204.10	8.86
	72	98.30	4.27	119.40	5.20	140.60	6.14	151.20	6.61	172.40	7.65	183.00	8.18	204.10	9.28
	75	98.30	4.42	119.40	5.41	140.60	6.41	151.20	6.92	172.40	8.04	183.00	8.62	204.10	9.84
	79	98.30	4.59	119.40	5.66	140.60	6.74	151.20	7.28	172.40	8.52	183.00	9.16	204.10	10.47
	82	98.30	4.82	119.40	5.97	140.60	7.14	151.20	7.74	172.40	9.05	183.00	9.72	204.10	11.11
	86	98.30	5.07	119.40	6.31	140.60	7.56	151.20	8.19	172.40	9.60	183.00	10.32	204.10	11.81
	90	98.30	5.37	119.40	6.70	140.60	8.07	151.20	8.76	172.40	10.28	183.00	11.07	204.10	12.74
	93	98.30	5.73	119.40	7.18	140.60	8.65	151.20	9.40	172.40	11.06	183.00	11.92	204.10	13.70
	95	98.30	5.96	119.40	7.46	140.60	8.99	151.20	9.77	172.40	11.50	183.00	12.38	204.10	14.19
	99	98.30	6.49	119.40	8.11	140.60	9.76	151.20	10.59	172.40	12.40	183.00	13.32	204.10	15.18
	102	98.30	7.14	119.40	8.86	140.60	10.63	151.20	11.53	172.40	13.41	183.00	14.35	204.10	16.18
	106	98.30	7.80	119.40	9.69	140.60	11.64	151.20	12.65	172.40	14.52	183.00	15.43	204.10	17.19
	111	98.30	9.02	119.40	11.19	140.60	13.42	151.20	14.54	172.40	16.35	183.00	17.25	189.80	17.27
	115	98.30	10.03	119.40	12.39	140.60	14.81	151.20	16.04	166.70	17.12	171.70	17.37	180.30	17.42
	118	98.30	11.33	116.50	13.59	135.30	15.89	144.90	17.05	155.30	17.16	160.50	17.20	170.70	17.27
	120	89.80	11.43	107.50	13.35	125.20	15.27	134.10	16.24	144.30	16.30	149.50	16.34	159.80	16.41
	122	84.40	10.86	101.10	12.68	117.70	14.51	126.10	15.43	135.60	15.49	140.50	15.52	150.20	15.59
60	5	84.20	2.03	102.40	2.66	120.50	3.23	129.60	3.60	147.70	4.08	156.80	4.33	175.00	4.79
	10	84.20	2.16	102.40	2.80	120.50	3.38	129.60	3.75	147.70	4.25	156.80	4.51	175.00	4.99
	14	84.20	2.30	102.40	2.95	120.50	3.54	129.60	3.91	147.70	4.43	156.80	4.70	175.00	5.20
	23	84.20	2.45	102.40	3.10	120.50	3.71	129.60	4.07	147.70	4.61	156.80	4.90	175.00	5.42
	27	84.20	2.61	102.40	3.26	120.50	3.89	129.60	4.24	147.70	4.80	156.80	5.10	175.00	5.65
	32	84.20	2.78	102.40	3.43	120.50	4.07	129.60	4.42	147.70	5.00	156.80	5.31	175.00	5.89
	37	84.20	2.96	102.40	3.61	120.50	4.26	129.60	4.60	147.70	5.21	156.80	5.53	175.00	6.14
	41	84.20	3.15	102.40	3.80	120.50	4.46	129.60	4.79	147.70	5.43	156.80	5.76	175.00	6.40
	46	84.20	3.21	102.40	3.87	120.50	4.53	129.60	4.86	147.70	5.52	156.80	5.84	175.00	6.50
	50	84.20	3.26	102.40	3.92	120.50	4.59	129.60	4.92	147.70	5.58	156.80	5.91	175.00	6.57
	54	84.20	3.31	102.40	3.98	120.50	4.65	129.60	4.99	147.70	5.65	156.80	5.99	175.00	6.65
	57	84.20	3.35	102.40	4.04	120.50	4.72	129.60	5.07	147.70	5.74	156.80	6.08	175.00	6.76
	61	84.20	3.41	102.40	4.11	120.50	4.80	129.60	5.15	147.70	5.85	156.80	6.20	175.00	6.90
	64	84.20	3.49	102.40	4.20	120.50	4.91	129.60	5.27	147.70	6.00	156.80	6.37	175.00	7.11
	68	84.20	3.57	102.40	4.30	120.50	5.04	129.60	5.42	147.70	6.19	156.80	6.59	175.00	7.39
	72	84.20	3.65	102.40	4.43	120.50	5.21	129.60	5.60	147.70	6.43	156.80	6.84	175.00	7.69
	75	84.20	3.76	102.40	4.59	120.50	5.43	129.60	5.85	147.70	6.73	156.80	7.18	175.00	8.10
	79	84.20	3.88	102.40	4.77	120.50	5.68	129.60	6.13	147.70	7.10	156.80	7.60	175.00	8.61
	82	84.20	4.05	102.40	5.01	120.50	5.99	129.60	6.48	147.70	7.53	156.80	8.07	175.00	9.18
	86	84.20	4.23	102.40	5.26	120.50	6.31	129.60	6.83	147.70	7.97	156.80	8.55	175.00	9.76
	90	84.20	4.46	102.40	5.55	120.50	6.67	129.60	7.23	147.70	8.49	156.80	9.13	175.00	10.48
	93	84.20	4.71	102.40	5.90	120.50	7.10	129.60	7.70	147.70	9.11	156.80	9.82	175.00	11.28
	95	84.20	4.90	102.40	6.13	120.50	7.39	129.60	8.03	147.70	9.48	156.80	10.21	175.00	11.71
	99	84.20	5.30	102.40	6.66	120.50	8.05	129.60	8.76	147.70	10.27	156.80	11.05	175.00	12.62
	102	84.20	5.86	102.40	7.31	120.50	8.78	129.60	9.52	147.70	11.14	156.80	11.95	175.00	13.54
	106	84.20	6.44	102.40	8.04	120.50	9.70	129.60	10.55	147.70	12.15	156.80	12.93	175.00	14.48
	111	84.20	7.48	102.40	9.34	120.50	11.25	129.60	12.22	147.70	13.73	156.80	14.46	175.00	15.89
	115	84.20	8.31	102.40	10.33	120.50	12.37	129.60	13.40	147.70	14.87	156.80	15.59	175.00	16.95
	118	84.20	9.49	102.00	11.61	120.30	13.74	129.60	14.81	142.00	16.06	147.80	16.46	158.60	16.78
	120	79.90	10.19	96.10	12.21	112.70	14.24	121.00	15.27	131.60	15.55	137.00	15.69	147.60	15.94
	122	75.10	9.68	90.30	11.60	105.90	13.53	113.70	14.51	123.70	14.77	128.80	14.91	138.70	15.14

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC216S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	70.20	1.73	85.30	2.24	100.40	2.71	108.00	3.01	123.10	3.36	130.70	3.53	145.80	3.87
	10	70.20	1.84	85.30	2.36	100.40	2.84	108.00	3.14	123.10	3.50	130.70	3.68	145.80	4.03
	14	70.20	1.96	85.30	2.48	100.40	2.97	108.00	3.27	123.10	3.65	130.70	3.83	145.80	4.20
	23	70.20	2.08	85.30	2.61	100.40	3.11	108.00	3.41	123.10	3.80	130.70	3.99	145.80	4.38
	27	70.20	2.21	85.30	2.75	100.40	3.26	108.00	3.55	123.10	3.96	130.70	4.16	145.80	4.56
	32	70.20	2.35	85.30	2.89	100.40	3.41	108.00	3.70	123.10	4.12	130.70	4.33	145.80	4.75
	37	70.20	2.50	85.30	3.04	100.40	3.57	108.00	3.85	123.10	4.29	130.70	4.51	145.80	4.95
	41	70.20	2.66	85.30	3.20	100.40	3.74	108.00	4.01	123.10	4.47	130.70	4.70	145.80	5.16
	46	70.20	2.71	85.30	3.25	100.40	3.79	108.00	4.06	123.10	4.54	130.70	4.77	145.80	5.25
	50	70.20	2.75	85.30	3.29	100.40	3.84	108.00	4.11	123.10	4.59	130.70	4.84	145.80	5.32
	54	70.20	2.78	85.30	3.34	100.40	3.90	108.00	4.18	123.10	4.66	130.70	4.90	145.80	5.39
	57	70.20	2.81	85.30	3.38	100.40	3.96	108.00	4.25	123.10	4.73	130.70	4.98	145.80	5.47
	61	70.20	2.86	85.30	3.44	100.40	4.02	108.00	4.31	123.10	4.82	130.70	5.07	145.80	5.57
	64	70.20	2.92	85.30	3.51	100.40	4.10	108.00	4.40	123.10	4.92	130.70	5.18	145.80	5.71
	68	70.20	2.98	85.30	3.59	100.40	4.20	108.00	4.50	123.10	5.07	130.70	5.36	145.80	5.95
	72	70.20	3.05	85.30	3.68	100.40	4.31	108.00	4.63	123.10	5.26	130.70	5.57	145.80	6.21
	75	70.20	3.11	85.30	3.79	100.40	4.46	108.00	4.80	123.10	5.47	130.70	5.81	145.80	6.50
	79	70.20	3.21	85.30	3.94	100.40	4.68	108.00	5.05	123.10	5.77	130.70	6.13	145.80	6.87
	82	70.20	3.31	85.30	4.10	100.40	4.90	108.00	5.30	123.10	6.10	130.70	6.50	145.80	7.33
	86	70.20	3.44	85.30	4.28	100.40	5.13	108.00	5.56	123.10	6.45	130.70	6.90	145.80	7.83
	90	70.20	3.61	85.30	4.49	100.40	5.37	108.00	5.82	123.10	6.83	130.70	7.35	145.80	8.41
	93	70.20	3.78	85.30	4.72	100.40	5.67	108.00	6.15	123.10	7.29	130.70	7.88	145.80	9.07
	95	70.20	3.90	85.30	4.87	100.40	5.84	108.00	6.32	123.10	7.56	130.70	8.18	145.80	9.41
	99	70.20	4.23	85.30	5.31	100.40	6.42	108.00	6.99	123.10	8.25	130.70	8.89	145.80	10.18
	102	70.20	4.65	85.30	5.85	100.40	7.06	108.00	7.67	123.10	9.00	130.70	9.67	145.80	11.02
	106	70.20	5.17	85.30	6.46	100.40	7.81	108.00	8.51	123.10	9.88	130.70	10.55	145.80	11.89
	111	70.20	6.10	85.30	7.64	100.40	9.23	108.00	10.04	123.10	11.32	130.70	11.95	145.80	13.19
	115	70.20	6.78	85.30	8.45	100.40	10.18	108.00	11.06	123.10	12.28	130.70	12.88	145.80	14.06
	118	70.20	7.64	85.30	9.47	100.40	11.24	108.00	12.11	123.10	13.30	130.70	13.86	145.80	14.94
	120	70.20	8.34	85.30	10.13	100.40	11.91	108.00	12.79	118.80	13.89	124.30	14.41	135.50	15.38
	122	70.20	8.92	85.30	10.84	100.40	12.74	108.00	13.69	118.80	14.86	118.10	14.12	128.70	15.07

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC216S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	177.20	15.85	172.80	16.75	170.50	17.12	168.30	17.87	163.30	18.62	158.20	19.74
	-17.8	-18.0	192.20	16.60	187.80	17.50	185.60	17.87	183.40	18.62	178.30	19.36	173.30	20.49
	-12.6	-13.0	214.80	17.72	210.40	18.62	208.20	18.99	206.00	19.74	200.90	20.49	195.90	21.61
	-7.1	-7.6	237.40	18.84	233.00	19.74	230.80	20.11	228.60	20.86	223.50	21.61	218.50	22.73
	-3.6	-4.0	252.50	19.59	248.10	20.49	245.90	20.86	243.70	21.61	238.60	22.35	233.60	23.47
	-1.8	-2.2	260.00	19.96	255.60	20.86	253.40	21.23	251.20	21.98	246.10	22.73	241.10	23.85
	2.0	1.0	275.10	20.71	270.70	21.61	268.50	21.98	266.30	22.73	261.20	23.47	247.90	24.22
	6.0	5.0	297.70	21.83	293.30	22.73	291.10	23.10	288.90	23.85	273.10	24.22	250.80	24.22
	10.0	9.0	312.80	22.58	308.30	23.47	306.10	23.85	296.50	24.22	275.10	24.22	252.70	24.22
	13.0	12.0	320.30	22.95	315.90	23.85	307.50	24.22	297.40	24.22	276.10	24.22	253.70	24.22
	17.0	15.0	340.60	24.07	320.50	24.22	310.40	24.22	300.30	24.22	279.00	24.22	256.60	24.22
	19.0	18.0	340.70	24.22	321.50	24.22	311.40	24.22	301.30	24.22	279.90	24.22	257.60	24.22
	23.0	21.0	342.60	24.22	323.40	24.22	313.40	24.22	303.30	24.22	281.90	24.22	259.50	24.22
	26.0	24.0	344.60	24.22	325.40	24.22	315.30	24.22	305.20	24.22	283.80	24.22	261.50	24.22
	30.0	28.0	346.50	24.22	327.30	24.22	317.20	24.22	307.20	24.22	285.80	24.22	263.40	24.22
	35.0	32.0	349.40	24.22	330.20	24.22	320.20	24.22	310.10	24.22	288.70	24.22	265.40	22.97
	39.0	36.0	351.40	24.22	332.20	24.22	322.10	24.22	312.00	24.22	290.60	24.13	265.40	21.35
	44.0	40.0	353.30	24.22	334.10	24.22	324.00	24.22	314.00	24.22	290.60	22.45	265.40	19.90
	47.0	43.0	354.30	24.22	335.10	24.22	325.00	24.22	314.90	24.22	290.60	21.68	265.40	19.24
	51.0	47.0	356.20	24.22	337.00	24.22	327.00	23.80	315.90	22.67	290.60	20.29	265.40	18.05
	54.0	50.0	358.20	24.22	338.00	23.34	327.00	22.27	315.90	21.24	290.60	19.06	265.40	16.99
	57.0	53.0	360.10	23.19	338.00	21.24	327.00	20.30	315.90	19.39	290.60	17.46	265.40	15.63
	60.0	56.0	360.10	21.83	338.00	20.03	327.00	19.17	315.90	18.33	290.60	16.56	265.40	14.87
120	-21.8	-22.0	171.60	17.12	167.60	17.87	165.50	18.24	163.50	18.62	158.80	19.36	154.10	20.49
	-17.8	-18.0	186.70	17.87	182.60	18.62	180.60	18.99	178.50	19.36	173.90	20.11	169.20	21.23
	-12.6	-13.0	209.30	18.99	205.20	19.74	203.20	20.11	201.10	20.49	196.50	21.23	191.80	22.35
	-7.1	-7.6	231.90	20.11	227.80	20.86	225.80	21.23	223.70	21.61	219.10	22.35	214.40	23.47
	-3.6	-4.0	247.00	20.86	242.90	21.61	240.80	21.98	238.80	22.35	234.10	23.10	228.40	24.22
	-1.8	-2.2	254.50	21.23	250.40	21.98	248.40	22.35	246.30	22.73	241.70	23.47	229.40	24.22
	2.0	1.0	269.60	21.98	265.50	22.73	263.40	23.10	261.40	23.47	251.70	24.22	231.30	24.22
	6.0	5.0	292.20	23.10	288.10	23.85	283.30	24.22	275.10	24.22	254.70	24.22	234.20	24.22
	10.0	9.0	307.20	23.85	294.50	24.22	285.30	24.22	277.00	24.22	256.60	24.22	236.20	24.22
	13.0	12.0	313.00	24.22	295.50	24.22	286.30	24.22	278.00	24.22	257.60	24.22	237.20	24.22
	17.0	15.0	315.90	24.22	298.40	24.22	289.20	24.22	280.90	24.22	260.50	24.22	240.10	24.22
	19.0	18.0	316.90	24.22	299.40	24.22	290.10	24.22	281.90	24.22	261.50	24.22	241.10	24.22
	23.0	21.0	318.80	24.22	301.30	24.22	292.10	24.22	283.80	24.22	263.40	24.22	243.00	24.22
	26.0	24.0	320.80	24.22	303.30	24.22	294.00	24.22	285.80	24.22	265.40	24.22	244.90	23.56
	30.0	28.0	322.70	24.22	305.20	24.22	296.00	24.22	287.70	24.22	267.30	24.22	244.90	21.81
	35.0	32.0	325.60	24.22	308.10	24.22	298.90	24.22	290.60	24.22	268.30	22.08	244.90	19.50
	39.0	36.0	327.60	24.22	310.10	24.22	300.80	24.22	291.60	23.04	268.30	20.52	244.90	18.15
	44.0	40.0	329.50	24.22	312.00	23.65	301.80	22.52	291.60	21.43	268.30	19.12	244.90	16.94
	47.0	43.0	330.50	24.22	312.00	22.82	301.80	21.74	291.60	20.69	268.30	18.48	244.90	16.39
	51.0	47.0	332.40	23.40	312.00	21.32	301.80	20.33	291.60	19.36	268.30	17.33	244.90	15.40
	54.0	50.0	332.40	21.90	312.00	19.98	301.80	19.07	291.60	18.17	268.30	16.31	244.90	14.53
	57.0	53.0	332.40	19.94	312.00	18.24	301.80	17.44	291.60	16.64	268.30	15.00	244.90	13.41
	60.0	56.0	332.40	18.82	312.00	17.26	301.80	16.52	291.60	15.77	268.30	14.25	244.90	12.77
110	-21.8	-22.0	166.10	17.87	162.40	18.62	160.50	18.99	158.60	19.36	154.30	20.11	144.50	20.86
	-17.8	-18.0	181.20	18.62	177.40	19.36	175.60	19.74	173.70	20.11	169.40	20.86	159.60	21.61
	-12.6	-13.0	203.80	19.74	200.00	20.49	198.20	20.86	196.30	21.23	192.00	21.98	182.20	22.73
	-7.1	-7.6	226.40	20.86	222.60	21.61	220.70	21.98	218.90	22.35	214.60	23.10	204.80	23.85
	-3.6	-4.0	241.40	21.61	237.70	22.35	235.80	22.73	233.90	23.10	229.70	23.85	211.90	24.22
	-1.8	-2.2	249.00	21.98	245.20	22.73	243.30	23.10	241.50	23.47	231.30	24.22	212.90	24.22
	2.0	1.0	264.00	22.73	260.30	23.47	258.40	23.85	251.70	24.22	233.30	24.22	214.80	24.22
	6.0	5.0	286.60	23.85	271.40	24.22	263.10	24.22	254.70	24.22	236.20	24.22	217.70	24.22
	10.0	9.0	289.20	24.22	273.40	24.22	265.00	24.22	256.60	24.22	238.10	24.22	219.70	24.22
	13.0	12.0	290.10	24.22	274.30	24.22	266.00	24.22	257.60	24.22	239.10	24.22	220.60	24.22
	17.0	15.0	293.10	24.22	277.30	24.22	268.90	24.22	260.50	24.22	242.00	24.22	223.60	24.22
	19.0	18.0	294.00	24.22	278.20	24.22	269.90	24.22	261.50	24.22	243.00	24.22	224.50	23.32
	23.0	21.0	296.00	24.22	280.20	24.22	271.80	24.22	263.40	24.22	244.90	24.22	224.50	21.54
	26.0	24.0	297.90	24.22	282.10	24.22	273.70	24.22	265.40	24.22	245.90	22.61	224.50	19.92
	30.0	28.0	299.90	24.22	284.10	24.22	275.70	24.22	267.30	23.58	245.90	20.93	224.50	18.46
	35.0	32.0	302.80	24.22	286.00	23.28	276.70	22.15	267.30	21.04	245.90	18.71	224.50	16.53
	39.0	36.0	304.70	23.80	286.00	21.61	276.70	20.57	267.30	19.55	245.90	17.42	224.50	15.41
	44.0	40.0	304.70	22.12	286.00	20.11	276.70	19.15	267.30	18.22	245.90	16.26	224.50	14.41
	47.0	43.0	304.70	21.35	286.00	19.42	276.70	18.50	267.30	17.61	245.90	15.73	224.50	13.95
	51.0	47.0	304.70	19.96	286.00	18.18	276.70	17.33	267.30	16.51	245.90	14.78	224.50	13.13
	54.0	50.0	304.70	18.71	286.00	17.08	276.70	16.29	267.30	15.54	245.90	13.94	224.50	12.41
	57.0	53.0	304.70	17.11	286.00	15.66	276.70	14.96	267.30	14.29	245.90	12.87	224.50	11.49
	60.0	56.0	304.70	16.19	286.00	14.85	276.70	14.20	267.30	13.58	245.90	12.26	224.50	10.97

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC216S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	160.60	18.99	157.20	19.74	155.50	20.11	153.80	20.47	144.00	20.49	134.30	21.23
	-17.8	-18.0	175.60	19.74	172.20	20.49	170.50	20.86	168.80	21.22	159.10	21.23	149.40	21.98
	-12.6	-13.0	198.20	20.86	194.80	21.61	193.10	21.98	191.40	22.34	181.70	22.35	172.00	23.10
	-7.1	-7.6	220.80	21.98	217.40	22.73	215.70	23.10	214.00	23.46	204.30	23.47	194.40	24.22
	-3.6	-4.0	235.90	22.73	232.50	23.47	230.80	23.85	229.10	24.20	212.90	24.22	196.30	24.22
	-1.8	-2.2	243.40	23.10	240.00	23.85	236.90	24.22	230.40	24.22	213.80	24.22	197.30	24.22
	2.0	1.0	258.50	23.85	246.40	24.22	238.90	24.22	232.30	24.22	215.80	24.22	199.30	24.22
	6.0	5.0	263.40	24.22	249.30	24.22	241.80	24.22	235.20	24.22	218.70	24.22	202.20	24.22
	10.0	9.0	265.40	24.22	251.30	24.22	243.70	24.22	237.20	24.22	220.60	24.22	204.10	23.98
	13.0	12.0	266.30	24.22	252.20	24.22	244.70	24.22	238.10	24.22	221.60	24.22	204.10	23.02
	17.0	15.0	269.20	24.22	255.20	24.22	247.60	24.22	241.10	24.22	223.60	23.18	204.10	20.39
	19.0	18.0	270.20	24.22	256.10	24.22	248.60	24.22	242.00	24.22	223.60	22.27	204.10	19.59
	23.0	21.0	272.20	24.22	258.10	24.22	250.50	24.22	243.00	23.23	223.60	20.57	204.10	18.11
	26.0	24.0	274.10	24.22	260.00	23.80	251.50	22.62	243.00	21.47	223.60	19.02	204.10	16.77
	30.0	28.0	276.00	24.22	260.00	22.02	251.50	20.93	243.00	19.88	223.60	17.63	204.10	15.56
	35.0	32.0	277.00	21.69	260.00	19.66	251.50	18.70	243.00	17.77	223.60	15.80	204.10	13.96
	39.0	36.0	277.00	20.14	260.00	18.28	251.50	17.40	243.00	16.54	223.60	14.73	204.10	13.04
	44.0	40.0	277.00	18.76	260.00	17.05	251.50	16.23	243.00	15.44	223.60	13.78	204.10	12.22
	47.0	43.0	277.00	18.12	260.00	16.48	251.50	15.70	243.00	14.94	223.60	13.34	204.10	11.84
	51.0	47.0	277.00	16.98	260.00	15.47	251.50	14.74	243.00	14.04	223.60	12.56	204.10	11.17
	54.0	50.0	277.00	15.96	260.00	14.57	251.50	13.90	243.00	13.24	223.60	11.88	204.10	10.58
	57.0	53.0	277.00	14.65	260.00	13.41	251.50	12.81	243.00	12.22	223.60	11.00	204.10	9.83
	60.0	56.0	277.00	13.91	260.00	12.76	251.50	12.19	243.00	11.64	223.60	10.51	204.10	9.41
90	-21.8	-22.0	155.00	20.11	149.30	20.49	145.40	20.49	141.60	20.86	132.90	21.23	124.10	21.23
	-17.8	-18.0	170.10	20.86	164.30	21.23	160.50	21.23	156.70	21.61	147.90	21.98	139.20	21.98
	-12.6	-13.0	192.70	21.98	186.90	22.35	183.10	22.35	179.30	22.73	170.50	23.10	161.80	23.10
	-7.1	-7.6	215.30	23.10	209.50	23.47	205.70	23.47	201.90	23.85	191.50	24.22	177.90	24.22
	-3.6	-4.0	230.30	23.85	221.40	24.22	214.70	24.22	208.00	24.22	193.40	24.22	179.80	24.22
	-1.8	-2.2	234.70	24.22	222.30	24.22	215.70	24.22	209.00	24.22	194.40	24.22	180.80	24.22
	2.0	1.0	236.70	24.22	224.30	24.22	217.60	24.22	210.90	24.22	196.30	24.22	182.70	24.22
	6.0	5.0	239.60	24.22	227.20	24.22	220.50	24.22	213.80	24.22	199.30	24.22	183.70	22.30
	10.0	9.0	241.50	24.22	229.20	24.22	222.50	24.22	215.80	24.22	201.20	23.35	183.70	20.55
	13.0	12.0	242.50	24.22	230.10	24.22	223.40	24.22	216.80	24.22	201.20	22.41	183.70	19.73
	17.0	15.0	245.40	24.22	233.00	24.22	226.40	23.65	218.70	22.43	201.20	19.86	183.70	17.49
	19.0	18.0	246.40	24.22	234.00	23.92	226.40	22.72	218.70	21.55	201.20	19.08	183.70	16.81
	23.0	21.0	248.30	24.22	234.00	22.08	226.40	20.98	218.70	19.90	201.20	17.64	183.70	15.55
	26.0	24.0	249.30	22.56	234.00	20.42	226.40	19.41	218.70	18.42	201.20	16.33	183.70	14.41
	30.0	28.0	249.30	20.88	234.00	18.91	226.40	17.98	218.70	17.07	201.20	15.16	183.70	13.38
	35.0	32.0	249.30	18.67	234.00	16.92	226.40	16.10	218.70	15.30	201.20	13.61	183.70	12.04
	39.0	36.0	249.30	17.37	234.00	15.77	226.40	15.01	218.70	14.27	201.20	12.71	183.70	11.26
	44.0	40.0	249.30	16.21	234.00	14.73	226.40	14.04	218.70	13.35	201.20	11.92	183.70	10.57
	47.0	43.0	249.30	15.68	234.00	14.26	226.40	13.59	218.70	12.93	201.20	11.55	183.70	10.25
	51.0	47.0	249.30	14.73	234.00	13.42	226.40	12.79	218.70	12.18	201.20	10.90	183.70	9.69
	54.0	50.0	249.30	13.89	234.00	12.67	226.40	12.09	218.70	11.52	201.20	10.33	183.70	9.20
	57.0	53.0	249.30	12.81	234.00	11.71	226.40	11.19	218.70	10.68	201.20	9.61	183.70	8.57
	60.0	56.0	249.30	12.20	234.00	11.17	226.40	10.69	218.70	10.20	201.20	9.20	183.70	8.22
80	-21.8	-22.0	143.10	20.86	136.30	20.86	132.90	21.23	129.50	21.23	121.70	21.61	113.90	21.61
	-17.8	-18.0	158.10	21.61	151.30	21.61	147.90	21.98	144.50	21.98	136.70	22.35	129.00	22.35
	-12.6	-13.0	180.70	22.73	173.90	22.73	170.50	23.10	167.10	23.10	159.30	23.47	151.60	23.47
	-7.1	-7.6	203.30	23.85	196.50	23.85	191.50	24.22	186.60	24.22	174.00	24.22	161.40	24.22
	-3.6	-4.0	210.00	24.22	199.30	24.22	193.40	24.22	188.60	24.22	175.90	24.22	163.30	24.10
	-1.8	-2.2	210.90	24.22	200.20	24.22	194.40	24.22	189.50	24.22	176.90	24.22	163.30	23.12
	2.0	1.0	212.90	24.22	202.20	24.22	196.30	24.22	191.50	24.22	178.90	24.22	163.30	21.29
	6.0	5.0	215.80	24.22	205.10	24.22	199.30	24.22	194.40	24.19	178.90	21.40	163.30	18.82
	10.0	9.0	217.70	24.22	207.00	24.22	201.20	23.51	194.40	22.28	178.90	19.72	163.30	17.34
	13.0	12.0	218.70	24.22	208.00	23.79	201.20	22.57	194.40	21.39	178.90	18.93	163.30	16.66
	17.0	15.0	221.60	23.32	208.00	21.07	201.20	19.99	194.40	18.96	178.90	16.79	163.30	14.78
	19.0	18.0	221.60	22.40	208.00	20.24	201.20	19.21	194.40	18.22	178.90	16.14	163.30	14.22
	23.0	21.0	221.60	20.69	208.00	18.71	201.20	17.76	194.40	16.85	178.90	14.94	163.30	13.16
	26.0	24.0	221.60	19.14	208.00	17.32	201.20	16.45	194.40	15.61	178.90	13.85	163.30	12.22
	30.0	28.0	221.60	17.74	208.00	16.06	201.20	15.26	194.40	14.49	178.90	12.87	163.30	11.36
	35.0	32.0	221.60	15.89	208.00	14.41	201.20	13.71	194.40	13.02	178.90	11.58	163.30	10.25
	39.0	36.0	221.60	14.82	208.00	13.46	201.20	12.80	194.40	12.17	178.90	10.84	163.30	9.60
	44.0	40.0	221.60	13.86	208.00	12.60	201.20	12.00	194.40	11.42	178.90	10.18	163.30	9.03
	47.0	43.0	221.60	13.42	208.00	12.21	201.20	11.63	194.40	11.07	178.90	9.88	163.30	8.77
	51.0	47.0	221.60	12.64	208.00	11.52	201.20	10.98	194.40	10.46	178.90	9.35	163.30	8.31
	54.0	50.0	221.60	11.95	208.00	10.91	201.20	10.40	194.40	9.92	178.90	8.88	163.30	7.91
	57.0	53.0	221.60	11.07	208.00	10.13	201.20	9.67	194.40	9.23	178.90	8.29	163.30	7.40
	60.0	56.0	221.60	10.57	208.00	9.69	201.20	9.26	194.40	8.85	178.90	7.95	163.30	7.11

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC216S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	129.20	21.23	123.30	21.61	120.30	21.61	117.30	21.61	110.50	21.98	103.70	21.45
	-17.8	-18.0	144.30	21.98	138.30	22.35	135.30	22.35	132.40	22.35	125.60	22.73	118.80	22.19
	-12.6	-13.0	166.90	23.10	160.90	23.47	157.90	23.47	155.00	23.47	148.20	23.85	141.40	23.31
	-7.1	-7.6	185.20	24.22	175.20	24.22	171.20	24.22	166.20	24.22	155.50	24.22	142.90	21.81
	-3.6	-4.0	187.10	24.22	177.20	24.22	173.10	24.22	168.20	24.22	156.50	22.80	142.90	20.07
	-1.8	-2.2	188.10	24.22	178.10	24.22	174.10	24.22	169.10	24.22	156.50	21.88	142.90	19.26
	2.0	1.0	190.00	24.22	180.10	24.22	176.10	24.05	170.10	22.78	156.50	20.14	142.90	17.73
	6.0	5.0	192.90	24.22	182.00	22.36	176.10	21.25	170.10	20.14	156.50	17.81	142.90	15.68
	10.0	9.0	193.90	22.79	182.00	20.60	176.10	19.58	170.10	18.56	156.50	16.42	142.90	14.46
	13.0	12.0	193.90	21.88	182.00	19.78	176.10	18.80	170.10	17.82	156.50	15.77	142.90	13.89
	17.0	15.0	193.90	19.39	182.00	17.54	176.10	16.67	170.10	15.81	156.50	14.00	142.90	12.34
	19.0	18.0	193.90	18.63	182.00	16.86	176.10	16.03	170.10	15.20	156.50	13.46	142.90	11.87
	23.0	21.0	193.90	17.23	182.00	15.60	176.10	14.83	170.10	14.07	156.50	12.47	142.90	11.00
	26.0	24.0	193.90	15.96	182.00	14.46	176.10	13.75	170.10	13.05	156.50	11.58	142.90	10.22
	30.0	28.0	193.90	14.82	182.00	13.43	176.10	12.78	170.10	12.13	156.50	10.78	142.90	9.52
	35.0	32.0	193.90	13.32	182.00	12.09	176.10	11.50	170.10	10.93	156.50	9.73	142.90	8.61
	39.0	36.0	193.90	12.45	182.00	11.31	176.10	10.76	170.10	10.24	156.50	9.12	142.90	8.08
	44.0	40.0	193.90	11.67	182.00	10.62	176.10	10.11	170.10	9.62	156.50	8.58	142.90	7.61
	47.0	43.0	193.90	11.32	182.00	10.30	176.10	9.81	170.10	9.34	156.50	8.34	142.90	7.40
	51.0	47.0	193.90	10.69	182.00	9.74	176.10	9.28	170.10	8.84	156.50	7.91	142.90	7.03
	54.0	50.0	193.90	10.14	182.00	9.25	176.10	8.82	170.10	8.41	156.50	7.53	142.90	6.70
	57.0	53.0	193.90	9.44	182.00	8.63	176.10	8.23	170.10	7.86	156.50	7.06	142.90	6.29
	60.0	56.0	193.90	9.05	182.00	8.28	176.10	7.90	170.10	7.55	156.50	6.79	142.90	6.06
60	-21.8	-22.0	115.40	21.98	110.30	21.98	107.70	21.98	105.20	21.98	99.30	20.96	93.50	19.43
	-17.8	-18.0	130.40	22.73	125.30	22.73	122.80	22.73	120.20	22.73	114.40	21.71	108.60	20.18
	-12.6	-13.0	153.00	23.85	147.90	23.85	145.40	23.85	142.80	23.85	134.10	22.83	122.50	20.08
	-7.1	-7.6	162.30	24.22	154.10	24.22	150.90	24.06	145.80	22.78	134.10	20.16	122.50	17.73
	-3.6	-4.0	164.30	24.22	156.00	23.30	150.90	22.15	145.80	20.97	134.10	18.56	122.50	16.32
	-1.8	-2.2	165.20	24.22	156.00	22.35	150.90	21.25	145.80	20.12	134.10	17.81	122.50	15.66
	2.0	1.0	166.20	22.80	156.00	20.58	150.90	19.56	145.80	18.52	134.10	16.40	122.50	14.42
	6.0	5.0	166.20	20.15	156.00	18.19	150.90	17.29	145.80	16.38	134.10	14.51	122.50	12.76
	10.0	9.0	166.20	18.57	156.00	16.77	150.90	15.95	145.80	15.10	134.10	13.38	122.50	11.78
	13.0	12.0	166.20	17.84	156.00	16.11	150.90	15.32	145.80	14.51	134.10	12.86	122.50	11.32
	17.0	15.0	166.20	15.83	156.00	14.30	150.90	13.60	145.80	12.89	134.10	11.43	122.50	10.07
	19.0	18.0	166.20	15.22	156.00	13.75	150.90	13.08	145.80	12.40	134.10	11.00	122.50	9.69
	23.0	21.0	166.20	14.09	156.00	12.74	150.90	12.12	145.80	11.49	134.10	10.20	122.50	9.00
	26.0	24.0	166.20	13.07	156.00	11.83	150.90	11.26	145.80	10.68	134.10	9.48	122.50	8.37
	30.0	28.0	166.20	12.16	156.00	11.01	150.90	10.48	145.80	9.95	134.10	8.84	122.50	7.81
	35.0	32.0	166.20	10.96	156.00	9.94	150.90	9.46	145.80	8.99	134.10	8.00	122.50	7.08
	39.0	36.0	166.20	10.27	156.00	9.32	150.90	8.88	145.80	8.44	134.10	7.52	122.50	6.66
	44.0	40.0	166.20	9.65	156.00	8.77	150.90	8.36	145.80	7.95	134.10	7.09	122.50	6.29
	47.0	43.0	166.20	9.37	156.00	8.52	150.90	8.12	145.80	7.73	134.10	6.90	122.50	6.12
	51.0	47.0	166.20	8.88	156.00	8.08	150.90	7.70	145.80	7.34	134.10	6.56	122.50	5.83
	54.0	50.0	166.20	8.44	156.00	7.70	150.90	7.34	145.80	7.00	134.10	6.26	122.50	5.57
	57.0	53.0	166.20	7.89	156.00	7.21	150.90	6.88	145.80	6.57	134.10	5.89	122.50	5.24
	60.0	56.0	166.20	7.58	156.00	6.93	150.90	6.62	145.80	6.33	134.10	5.68	122.50	5.06
50	-21.8	-22.0	101.50	22.35	97.30	20.80	95.10	19.65	93.00	19.81	88.10	17.35	83.30	16.18
	-17.8	-18.0	116.60	23.10	112.30	21.55	110.20	20.40	108.10	20.55	103.20	18.09	98.30	16.93
	-12.6	-13.0	137.50	24.22	130.00	22.67	125.80	21.52	121.50	20.44	111.80	18.08	102.10	15.93
	-7.1	-7.6	138.50	22.19	130.00	20.02	125.80	19.00	121.50	18.05	111.80	15.96	102.10	14.07
	-3.6	-4.0	138.50	20.43	130.00	18.43	125.80	17.49	121.50	16.62	111.80	14.70	102.10	12.95
	-1.8	-2.2	138.50	19.60	130.00	17.68	125.80	16.78	121.50	15.94	111.80	14.10	102.10	12.43
	2.0	1.0	138.50	18.04	130.00	16.28	125.80	15.46	121.50	14.68	111.80	12.99	102.10	11.45
	6.0	5.0	138.50	15.96	130.00	14.40	125.80	13.67	121.50	12.99	111.80	11.50	102.10	10.14
	10.0	9.0	138.50	14.72	130.00	13.29	125.80	12.62	121.50	11.99	111.80	10.61	102.10	9.36
	13.0	12.0	138.50	14.14	130.00	12.77	125.80	12.12	121.50	11.52	111.80	10.20	102.10	9.00
	17.0	15.0	138.50	12.56	130.00	11.35	125.80	10.78	121.50	10.25	111.80	9.08	102.10	8.01
	19.0	18.0	138.50	12.09	130.00	10.93	125.80	10.38	121.50	9.87	111.80	8.75	102.10	7.72
	23.0	21.0	138.50	11.21	130.00	10.14	125.80	9.63	121.50	9.16	111.80	8.12	102.10	7.17
	26.0	24.0	138.50	10.41	130.00	9.43	125.80	8.96	121.50	8.52	111.80	7.56	102.10	6.68
	30.0	28.0	138.50	9.70	130.00	8.79	125.80	8.36	121.50	7.95	111.80	7.06	102.10	6.24
	35.0	32.0	138.50	8.77	130.00	7.96	125.80	7.57	121.50	7.21	111.80	6.41	102.10	5.67
	39.0	36.0	138.50	8.24	130.00	7.48	125.80	7.12	121.50	6.78	111.80	6.04	102.10	5.35
	44.0	40.0	138.50	7.77	130.00	7.06	125.80	6.72	121.50	6.40	111.80	5.71	102.10	5.06
	47.0	43.0	138.50	7.55	130.00	6.87	125.80	6.54	121.50	6.23	111.80	5.56	102.10	4.93
	51.0	47.0	138.50	7.17	130.00	6.54	125.80	6.22	121.50	5.93	111.80	5.30	102.10	4.70
	54.0	50.0	138.50	6.84	130.00	6.24	125.80	5.95	121.50	5.67	111.80	5.07	102.10	4.50
	57.0	53.0	138.50	6.42	130.00	5.87	125.80	5.60	121.50	5.34	111.80	4.78	102.10	4.25
	60.0	56.0	138.50	6.19	130.00	5.66	125.80	5.40	121.50	5.15	111.80	4.63	102.10	4.12

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC240S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	202.78	5.50	246.44	7.45	290.11	9.33	312.00	10.48	350.00	12.24	386.45	13.01	408.72	14.23
	10	202.78	5.80	246.44	7.77	290.11	9.67	312.00	10.81	350.00	12.56	382.62	13.28	404.68	14.45
	14	202.78	6.10	246.44	8.09	290.11	10.02	312.00	11.15	350.00	12.89	378.83	13.55	400.67	14.67
	23	202.78	6.43	246.44	8.43	290.11	10.38	312.00	11.50	350.00	13.21	375.08	13.83	396.70	14.89
	27	202.78	6.76	246.44	8.78	290.11	10.75	312.00	11.86	350.00	13.55	371.37	14.11	392.77	15.11
	32	202.78	7.13	246.44	9.14	290.11	11.14	312.00	12.22	350.00	13.90	367.69	14.40	388.88	15.35
	37	202.78	7.50	246.44	9.53	290.11	11.55	312.00	12.59	350.00	14.26	364.05	14.69	385.03	15.58
	41	202.78	7.89	246.44	9.92	290.11	11.96	312.00	12.98	350.00	14.62	360.44	15.00	381.22	15.81
	46	202.78	8.05	246.44	10.10	290.11	12.15	312.00	13.18	346.44	14.75	356.78	15.18	377.67	16.08
	50	202.78	8.19	246.44	10.26	290.11	12.35	312.00	13.39	344.00	14.90	354.44	15.37	375.22	16.38
	54	202.78	8.41	246.44	10.50	290.11	12.61	312.00	13.68	341.56	15.14	352.00	15.67	372.78	16.79
	57	202.78	8.63	246.44	10.75	290.11	12.93	312.00	14.06	339.22	15.49	349.67	16.03	370.44	17.22
	61	202.78	8.90	246.44	11.10	290.11	13.36	312.00	14.51	336.78	15.86	347.22	16.48	368.00	17.75
	64	202.78	9.22	246.44	11.48	290.11	13.81	312.00	15.04	334.44	16.40	344.78	17.05	365.67	18.54
	68	202.78	9.56	246.44	11.91	290.11	14.41	311.22	15.74	332.00	17.08	342.44	17.85	363.22	19.50
	72	202.78	9.97	246.44	12.43	290.11	15.18	308.78	16.47	329.56	17.99	340.00	18.80	360.78	20.78
	75	202.78	10.39	246.44	13.11	290.11	16.15	306.44	17.45	327.22	19.04	337.67	20.03	358.44	22.29
	79	202.78	11.00	246.44	13.89	290.11	17.24	304.00	18.47	324.78	20.40	335.22	21.45	349.11	23.50
	82	202.78	11.63	246.44	14.83	290.11	18.55	301.56	19.81	322.44	21.77	327.67	22.52	337.11	24.54
	86	202.78	12.43	246.44	15.91	288.78	19.96	294.67	20.71	311.89	22.53	315.22	23.29	325.11	25.60
	90	202.78	13.28	246.44	17.28	278.67	20.49	283.11	21.11	299.33	23.24	302.78	24.09	313.11	25.87
	93	202.78	14.52	246.44	18.65	267.22	20.87	271.56	21.68	286.78	23.88	290.33	24.63	301.00	25.10
	95	202.78	15.15	246.44	19.31	261.44	21.14	265.89	21.97	280.56	24.12	284.11	24.47	295.00	24.72
	99	202.78	16.36	240.44	20.16	250.00	21.67	254.33	22.41	268.00	23.78	271.56	23.71	283.00	23.99
	102	202.78	17.62	228.22	20.54	238.56	22.09	242.78	22.53	255.56	23.03	259.11	22.95	271.00	23.27
	106	202.78	19.25	216.00	20.84	227.11	22.02	231.22	21.98	243.00	22.32	246.67	22.23	259.00	22.58
	111	190.56	20.38	197.78	20.93	209.89	21.29	213.89	21.18	224.22	21.31	228.00	21.20	241.00	21.60
	115	178.22	20.70	185.67	20.50	198.44	20.90	202.33	20.73	211.67	20.71	215.56	20.58	229.00	21.00
	118	166.00	20.55	173.44	20.16	187.00	20.62	190.78	20.41	199.22	20.19	203.11	20.03	217.00	20.48
	120	159.89	20.49	167.33	20.06	181.22	20.54	185.11	20.30	192.89	19.96	196.89	19.80	204.78	19.48
	122	150.33	19.46	157.33	19.06	170.33	19.51	174.00	19.29	181.33	18.96	185.11	18.81	192.44	18.51
120	5	187.22	5.08	227.56	6.85	267.89	8.52	288.00	9.56	328.33	11.43	348.44	12.63	400.38	14.01
	10	187.22	5.35	227.56	7.13	267.89	8.83	288.00	9.85	328.33	11.72	348.44	12.89	396.42	14.22
	14	187.22	5.63	227.56	7.42	267.89	9.14	288.00	10.16	328.33	12.02	348.44	13.15	392.49	14.44
	23	187.22	5.92	227.56	7.72	267.89	9.47	288.00	10.47	328.33	12.33	348.44	13.42	388.61	14.66
	27	187.22	6.24	227.56	8.05	267.89	9.81	288.00	10.80	328.33	12.64	348.44	13.69	384.76	14.88
	32	187.22	6.57	227.56	8.38	267.89	10.17	288.00	11.14	328.33	12.97	348.44	13.97	380.95	15.10
	37	187.22	6.92	227.56	8.73	267.89	10.54	288.00	11.49	328.33	13.29	348.44	14.25	377.18	15.34
	41	187.22	7.28	227.56	9.10	267.89	10.93	288.00	11.84	328.33	13.63	348.44	14.54	373.44	15.57
	46	187.22	7.42	227.56	9.25	267.89	11.09	288.00	12.00	328.33	13.90	347.00	14.78	369.78	15.75
	50	187.22	7.52	227.56	9.39	267.89	11.25	288.00	12.19	328.33	14.15	344.56	14.92	367.44	15.96
	54	187.22	7.70	227.56	9.57	267.89	11.48	288.00	12.43	328.33	14.45	342.11	15.14	365.00	16.29
	57	187.22	7.88	227.56	9.78	267.89	11.74	288.00	12.73	328.33	14.88	339.78	15.46	362.67	16.66
	61	187.22	8.10	227.56	10.08	267.89	12.10	288.00	13.15	325.89	15.21	337.33	15.81	360.22	17.14
	64	187.22	8.37	227.56	10.40	267.89	12.50	288.00	13.59	323.56	15.64	335.00	16.31	357.78	17.75
	68	187.22	8.65	227.56	10.76	267.89	13.00	288.00	14.18	321.11	16.22	332.56	16.96	355.44	18.59
	72	187.22	9.01	227.56	11.23	267.89	13.64	288.00	14.93	318.67	17.00	330.11	17.84	353.00	19.62
	75	187.22	9.40	227.56	11.80	267.89	14.44	288.00	15.92	316.33	17.98	327.78	18.89	350.67	20.93
	79	187.22	9.94	227.56	12.51	267.89	15.48	288.00	17.12	313.89	19.17	325.33	20.19	346.44	22.24
	82	187.22	10.52	227.56	13.38	267.89	16.64	288.00	18.52	311.56	20.54	323.00	21.59	334.33	23.02
	86	187.22	11.23	227.56	14.33	267.89	18.04	286.22	19.92	304.00	21.47	311.11	22.20	322.22	23.80
	90	187.22	12.00	227.56	15.53	267.89	19.53	276.67	20.58	291.78	21.95	298.56	22.78	310.11	24.62
	93	187.22	13.03	227.56	16.85	262.11	20.44	265.33	20.93	279.67	22.47	286.11	23.35	298.00	24.98
	95	187.22	13.60	227.56	17.53	256.33	20.59	259.56	21.15	273.56	22.72	279.89	23.59	291.89	24.65
	99	187.22	14.79	227.56	18.89	244.89	20.98	248.22	21.56	261.44	23.08	267.44	23.53	279.78	23.91
	102	187.22	16.00	227.56	20.47	233.44	21.29	236.89	21.84	249.22	22.68	255.00	22.81	267.67	23.18
	106	187.22	17.43	215.56	20.69	221.89	21.49	225.56	21.74	237.11	22.02	242.44	22.10	255.56	22.50
	111	187.22	19.86	197.67	20.87	204.67	20.97	208.44	20.99	218.89	21.08	223.78	21.08	237.44	21.52
	115	176.22	20.12	185.78	20.59	193.22	20.57	197.11	20.58	206.67	20.54	211.33	20.48	225.33	20.92
	118	165.33	20.27	173.78	20.34	181.78	20.31	185.78	20.30	194.56	20.08	198.89	19.95	213.22	20.41
	120	159.89	20.35	167.89	20.29	176.00	20.24	180.11	20.23	188.44	19.89	192.67	19.73	201.00	19.41
	122	150.33	19.34	157.78	19.28	165.44	19.23	169.33	19.22	177.11	18.90	181.11	18.74	188.89	18.44

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC240S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	171.56	4.65	208.56	6.23	245.56	7.67	264.00	8.63	301.00	10.34	319.44	11.45	356.44	13.38
	10	171.56	4.90	208.56	6.48	245.56	7.95	264.00	8.90	301.00	10.61	319.44	11.69	356.44	13.57
	14	171.56	5.15	208.56	6.75	245.56	8.24	264.00	9.18	301.00	10.88	319.44	11.92	356.44	13.78
	23	171.56	5.42	208.56	7.03	245.56	8.55	264.00	9.46	301.00	11.16	319.44	12.16	356.44	13.99
	27	171.56	5.70	208.56	7.32	245.56	8.86	264.00	9.75	301.00	11.45	319.44	12.41	356.44	14.20
	32	171.56	6.01	208.56	7.63	245.56	9.19	264.00	10.05	301.00	11.74	319.44	12.66	356.44	14.43
	37	171.56	6.32	208.56	7.94	245.56	9.53	264.00	10.37	301.00	12.05	319.44	12.92	356.44	14.65
	41	171.56	6.66	208.56	8.27	245.56	9.88	264.00	10.68	301.00	12.35	319.44	13.19	356.44	14.87
	46	171.56	6.79	208.56	8.41	245.56	10.03	264.00	10.85	301.00	12.55	319.44	13.42	356.44	15.17
	50	171.56	6.88	208.56	8.51	245.56	10.16	264.00	10.99	301.00	12.75	319.44	13.63	354.56	15.35
	54	171.56	7.01	208.56	8.66	245.56	10.36	264.00	11.21	301.00	13.00	319.44	13.92	352.22	15.57
	57	171.56	7.16	208.56	8.85	245.56	10.58	264.00	11.45	301.00	13.34	319.44	14.30	349.78	15.86
	61	171.56	7.34	208.56	9.07	245.56	10.88	264.00	11.80	301.00	13.75	319.44	14.74	347.33	16.26
	64	171.56	7.55	208.56	9.34	245.56	11.23	264.00	12.20	301.00	14.23	319.44	15.30	345.00	16.82
	68	171.56	7.77	208.56	9.66	245.56	11.64	264.00	12.66	301.00	14.86	317.67	15.88	342.56	17.49
	72	171.56	8.07	208.56	10.06	245.56	12.17	264.00	13.28	301.00	15.64	315.22	16.59	340.22	18.34
	75	171.56	8.44	208.56	10.55	245.56	12.84	264.00	14.06	300.33	16.62	312.89	17.53	337.78	19.46
	79	171.56	8.90	208.56	11.17	245.56	13.73	264.00	15.16	298.00	17.71	310.44	18.68	335.33	20.77
	82	171.56	9.45	208.56	11.94	245.56	14.83	264.00	16.45	295.56	18.96	308.00	19.99	327.00	21.67
	86	171.56	10.06	208.56	12.85	245.56	16.09	264.00	17.91	293.22	20.30	301.56	21.01	315.22	22.25
	90	171.56	10.78	208.56	13.89	245.56	17.47	264.00	19.43	283.44	20.98	289.67	21.46	303.56	22.82
	93	171.56	11.63	208.56	15.08	245.56	18.99	258.44	20.47	271.67	21.34	277.78	21.87	291.78	23.43
	95	171.56	12.13	208.56	15.72	245.56	19.72	252.89	20.61	265.89	21.52	271.78	22.06	285.89	23.70
	99	171.56	13.21	208.56	17.07	239.78	20.55	241.78	20.89	254.11	21.85	259.89	22.44	274.11	23.57
	102	171.56	14.43	208.56	18.45	228.22	20.75	230.67	21.11	242.44	22.04	248.00	22.34	262.33	22.89
	106	171.56	15.72	208.56	19.94	216.78	20.87	219.56	21.25	230.78	21.66	236.00	21.70	250.67	22.23
	111	171.56	17.84	193.89	20.34	199.56	20.64	202.89	20.77	213.22	20.82	218.22	20.80	233.00	21.33
	115	171.56	19.34	184.22	20.45	188.00	20.26	191.78	20.42	201.56	20.34	206.22	20.27	221.22	20.78
	118	165.22	20.07	174.44	20.57	176.44	20.01	180.67	20.20	189.78	19.95	194.33	19.84	209.44	20.33
	120	153.56	19.16	162.11	19.55	170.78	19.95	175.11	20.16	184.00	19.82	188.44	19.66	197.33	19.32
	122	144.33	18.20	152.33	18.57	160.56	18.95	164.56	19.16	173.00	18.83	177.11	18.68	185.44	18.36
100	5	156.00	4.22	189.56	5.57	223.22	6.88	240.00	7.71	273.56	9.28	290.44	10.29	324.00	12.05
	10	156.00	4.44	189.56	5.81	223.22	7.13	240.00	7.94	273.56	9.52	290.44	10.50	324.00	12.23
	14	156.00	4.68	189.56	6.05	223.22	7.38	240.00	8.19	273.56	9.76	290.44	10.71	324.00	12.42
	23	156.00	4.92	189.56	6.31	223.22	7.65	240.00	8.44	273.56	10.01	290.44	10.93	324.00	12.61
	27	156.00	5.18	189.56	6.58	223.22	7.93	240.00	8.70	273.56	10.26	290.44	11.15	324.00	12.79
	32	156.00	5.45	189.56	6.86	223.22	8.22	240.00	8.97	273.56	10.53	290.44	11.38	324.00	12.99
	37	156.00	5.74	189.56	7.14	223.22	8.52	240.00	9.25	273.56	10.80	290.44	11.62	324.00	13.19
	41	156.00	6.04	189.56	7.44	223.22	8.84	240.00	9.54	273.56	11.08	290.44	11.85	324.00	13.39
	46	156.00	6.16	189.56	7.57	223.22	8.97	240.00	9.68	273.56	11.23	290.44	12.01	324.00	13.56
	50	156.00	6.24	189.56	7.66	223.22	9.08	240.00	9.80	273.56	11.38	290.44	12.17	324.00	13.76
	54	156.00	6.32	189.56	7.77	223.22	9.25	240.00	9.99	273.56	11.59	290.44	12.41	324.00	14.06
	57	156.00	6.44	189.56	7.92	223.22	9.42	240.00	10.19	273.56	11.86	290.44	12.70	324.00	14.39
	61	156.00	6.58	189.56	8.10	223.22	9.68	240.00	10.50	273.56	12.19	290.44	13.05	324.00	14.81
	64	156.00	6.73	189.56	8.31	223.22	9.98	240.00	10.85	273.56	12.61	290.44	13.52	324.00	15.39
	68	156.00	6.88	189.56	8.57	223.22	10.33	240.00	11.24	273.56	13.11	290.44	14.09	324.00	16.15
	72	156.00	7.14	189.56	8.91	223.22	10.78	240.00	11.73	273.56	13.75	290.44	14.82	324.00	17.05
	75	156.00	7.46	189.56	9.34	223.22	11.32	240.00	12.36	273.56	14.57	290.44	15.73	324.00	18.09
	79	156.00	7.88	189.56	9.88	223.22	12.05	240.00	13.22	273.56	15.65	290.44	16.91	324.00	19.49
	82	156.00	8.37	189.56	10.54	223.22	13.04	240.00	14.46	273.56	17.01	290.44	18.31	318.33	20.54
	86	156.00	8.93	189.56	11.38	223.22	14.25	240.00	15.84	273.56	18.46	290.44	19.81	307.11	21.10
	90	156.00	9.56	189.56	12.35	223.22	15.51	240.00	17.25	273.56	20.02	280.00	20.43	295.89	21.52
	93	156.00	10.32	189.56	13.40	223.22	16.87	240.00	18.88	262.56	20.47	269.56	20.84	284.56	21.89
	95	156.00	10.73	189.56	13.96	223.22	17.69	240.00	19.65	257.00	20.59	264.33	21.01	279.00	22.09
	99	156.00	11.66	189.56	15.29	223.22	19.11	234.67	20.44	245.89	20.79	253.89	21.34	267.67	22.52
	102	156.00	12.84	189.56	16.62	223.22	20.49	223.89	20.54	234.89	21.00	243.33	21.69	256.44	22.52
	106	156.00	14.10	189.56	17.92	211.67	20.47	213.11	20.65	223.78	21.12	232.89	21.69	245.22	21.91
	111	156.00	15.99	189.56	19.96	194.33	20.29	197.00	20.50	207.11	20.49	217.22	21.08	228.33	21.10
	115	156.00	17.25	179.11	19.84	182.78	19.94	186.22	20.22	196.11	20.10	206.78	20.77	217.00	20.63
	118	156.00	18.50	168.67	19.82	171.33	19.71	175.56	20.08	185.00	19.82	196.33	20.59	205.78	20.26
	120	147.33	17.97	156.33	18.81	165.56	19.66	170.11	20.09	179.44	19.75	184.22	19.58	193.56	19.25
	122	138.44	17.07	147.00	17.87	155.67	18.68	159.89	19.09	168.67	18.76	173.22	18.60	181.89	18.29

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC240S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	140.44	3.80	170.67	5.00	200.89	6.15	216.00	6.87	246.22	8.24	261.33	9.14	291.56	10.71
	10	140.44	4.00	170.67	5.21	200.89	6.37	216.00	7.08	246.22	8.45	261.33	9.33	291.56	10.87
	14	140.44	4.21	170.67	5.43	200.89	6.60	216.00	7.30	246.22	8.68	261.33	9.52	291.56	11.03
	23	140.44	4.43	170.67	5.66	200.89	6.85	216.00	7.52	246.22	8.90	261.33	9.71	291.56	11.20
	27	140.44	4.66	170.67	5.89	200.89	7.09	216.00	7.76	246.22	9.13	261.33	9.91	291.56	11.37
	32	140.44	4.91	170.67	6.13	200.89	7.35	216.00	8.00	246.22	9.36	261.33	10.11	291.56	11.55
	37	140.44	5.17	170.67	6.39	200.89	7.62	216.00	8.24	246.22	9.61	261.33	10.32	291.56	11.72
	41	140.44	5.43	170.67	6.66	200.89	7.89	216.00	8.50	246.22	9.85	261.33	10.53	291.56	11.89
	46	140.44	5.55	170.67	6.78	200.89	8.01	216.00	8.63	246.22	9.99	261.33	10.67	291.56	12.03
	50	140.44	5.63	170.67	6.87	200.89	8.12	216.00	8.73	246.22	10.11	261.33	10.80	291.56	12.19
	54	140.44	5.70	170.67	6.96	200.89	8.23	216.00	8.87	246.22	10.27	261.33	10.97	291.56	12.40
	57	140.44	5.81	170.67	7.09	200.89	8.38	216.00	9.04	246.22	10.48	261.33	11.22	291.56	12.69
	61	140.44	5.94	170.67	7.25	200.89	8.59	216.00	9.28	246.22	10.76	261.33	11.51	291.56	13.03
	64	140.44	6.08	170.67	7.44	200.89	8.85	216.00	9.56	246.22	11.10	261.33	11.88	291.56	13.48
	68	140.44	6.22	170.67	7.66	200.89	9.15	216.00	9.91	246.22	11.52	261.33	12.36	291.56	14.10
	72	140.44	6.43	170.67	7.95	200.89	9.53	216.00	10.33	246.22	12.06	261.33	12.97	291.56	14.88
	75	140.44	6.71	170.67	8.30	200.89	9.97	216.00	10.83	246.22	12.73	261.33	13.71	291.56	15.75
	79	140.44	7.04	170.67	8.76	200.89	10.57	216.00	11.51	246.22	13.54	261.33	14.59	291.56	16.72
	82	140.44	7.46	170.67	9.31	200.89	11.30	216.00	12.36	246.22	14.54	261.33	15.66	291.56	17.98
	86	140.44	7.93	170.67	9.98	200.89	12.23	216.00	13.45	246.22	15.72	261.33	16.90	291.56	19.36
	90	140.44	8.47	170.67	10.75	200.89	13.26	216.00	14.59	246.22	16.99	261.33	18.24	286.33	20.29
	93	140.44	9.11	170.67	11.64	200.89	14.38	216.00	15.82	246.22	18.38	261.33	19.65	275.78	20.66
	95	140.44	9.48	170.67	12.12	200.89	15.00	216.00	16.54	246.22	19.08	261.33	20.35	270.56	20.80
	99	140.44	10.32	170.67	13.24	200.89	16.33	216.00	17.92	246.22	20.48	250.67	20.63	260.00	21.10
	102	140.44	11.35	170.67	14.43	200.89	17.64	216.00	19.32	234.33	20.59	240.00	20.90	249.44	21.45
	106	140.44	12.42	170.67	15.63	200.89	19.06	210.33	20.12	222.33	20.72	229.33	21.20	238.89	21.59
	111	140.44	14.18	170.67	17.67	194.67	20.57	193.11	20.27	204.44	20.56	213.33	21.03	223.11	20.94
	115	140.44	15.42	170.67	19.16	182.33	20.36	181.67	20.06	192.56	20.09	202.56	20.71	212.56	20.57
	118	140.44	16.80	156.44	18.62	170.00	20.10	170.33	19.86	180.67	19.74	191.89	20.52	202.00	20.31
	120	130.56	16.13	144.11	17.61	157.67	19.09	164.56	19.84	174.67	19.63	179.67	19.52	189.89	19.32
	122	122.78	15.32	135.44	16.73	148.22	18.13	154.67	18.85	164.22	18.65	168.89	18.54	178.44	18.36
80	5	124.78	3.25	151.67	4.26	178.56	5.21	192.00	5.83	218.89	6.97	232.33	7.73	259.22	9.03
	10	124.78	3.44	151.67	4.45	178.56	5.43	192.00	6.04	218.89	7.20	232.33	7.93	259.22	9.21
	14	124.78	3.64	151.67	4.66	178.56	5.66	192.00	6.26	218.89	7.42	232.33	8.13	259.22	9.40
	23	124.78	3.85	151.67	4.89	178.56	5.89	192.00	6.48	218.89	7.65	232.33	8.34	259.22	9.59
	27	124.78	4.07	151.67	5.12	178.56	6.13	192.00	6.72	218.89	7.88	232.33	8.55	259.22	9.78
	32	124.78	4.30	151.67	5.36	178.56	6.39	192.00	6.96	218.89	8.13	232.33	8.77	259.22	9.98
	37	124.78	4.56	151.67	5.62	178.56	6.66	192.00	7.22	218.89	8.38	232.33	8.99	259.22	10.18
	41	124.78	4.83	151.67	5.89	178.56	6.94	192.00	7.48	218.89	8.64	232.33	9.22	259.22	10.39
	46	124.78	4.93	151.67	5.99	178.56	7.06	192.00	7.59	218.89	8.76	232.33	9.35	259.22	10.52
	50	124.78	5.01	151.67	6.08	178.56	7.15	192.00	7.69	218.89	8.85	232.33	9.45	259.22	10.64
	54	124.78	5.10	151.67	6.17	178.56	7.24	192.00	7.78	218.89	8.98	232.33	9.57	259.22	10.78
	57	124.78	5.18	151.67	6.27	178.56	7.37	192.00	7.92	218.89	9.13	232.33	9.76	259.22	11.01
	61	124.78	5.29	151.67	6.40	178.56	7.53	192.00	8.09	218.89	9.36	232.33	10.01	259.22	11.31
	64	124.78	5.41	151.67	6.57	178.56	7.73	192.00	8.33	218.89	9.64	232.33	10.32	259.22	11.69
	68	124.78	5.54	151.67	6.75	178.56	7.99	192.00	8.62	218.89	9.99	232.33	10.69	259.22	12.15
	72	124.78	5.71	151.67	7.00	178.56	8.31	192.00	8.98	218.89	10.45	232.33	11.21	259.22	12.80
	75	124.78	5.94	151.67	7.30	178.56	8.69	192.00	9.40	218.89	11.01	232.33	11.85	259.22	13.60
	79	124.78	6.22	151.67	7.67	178.56	9.18	192.00	9.95	218.89	11.69	232.33	12.57	259.22	14.41
	82	124.78	6.54	151.67	8.12	178.56	9.75	192.00	10.59	218.89	12.42	232.33	13.35	259.22	15.28
	86	124.78	6.93	151.67	8.64	178.56	10.43	192.00	11.34	218.89	13.29	232.33	14.31	259.22	16.44
	90	124.78	7.37	151.67	9.25	178.56	11.22	192.00	12.23	218.89	14.32	232.33	15.42	259.22	17.70
	93	124.78	7.91	151.67	9.96	178.56	12.09	192.00	13.19	218.89	15.44	232.33	16.59	259.22	18.96
	95	124.78	8.23	151.67	10.36	178.56	12.58	192.00	13.73	218.89	16.02	232.33	17.21	259.22	19.59
	99	124.78	8.97	151.67	11.28	178.56	13.67	192.00	14.89	218.89	17.28	232.33	18.48	254.11	20.34
	102	124.78	9.84	151.67	12.30	178.56	14.87	192.00	16.19	218.89	18.61	232.33	19.82	244.00	20.51
	106	124.78	10.73	151.67	13.38	178.56	16.17	192.00	17.62	218.89	20.07	226.67	20.59	233.78	20.76
	111	124.78	12.38	151.67	15.35	178.56	18.47	192.00	20.10	203.11	20.56	209.89	20.93	218.56	20.85
	115	124.78	13.59	151.67	16.87	178.56	20.28	181.67	20.50	192.56	20.58	198.67	20.69	208.44	20.56
	118	124.78	15.13	143.78	17.36	162.11	19.53	171.22	20.59	182.00	20.50	187.44	20.47	198.33	20.38
	120	113.78	14.29	131.78	16.40	149.89	18.52	159.00	19.59	169.78	19.50	175.22	19.46	186.11	19.38
	122	107.00	13.57	123.89	15.58	140.89	17.60	149.44	18.61	159.56	18.52	164.67	18.50	175.00	18.41

1) The performance table shows the average value of each condition.
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1. Capacity table

VPC/VRC240S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	109.22	2.86	132.67	3.72	156.22	4.54	168.00	5.06	191.56	6.03	203.33	6.66	226.78	7.74
	10	109.22	3.02	132.67	3.90	156.22	4.72	168.00	5.25	191.56	6.22	203.33	6.83	226.78	7.91
	14	109.22	3.20	132.67	4.08	156.22	4.92	168.00	5.43	191.56	6.40	203.33	7.01	226.78	8.07
	23	109.22	3.38	132.67	4.28	156.22	5.13	168.00	5.63	191.56	6.60	203.33	7.18	226.78	8.23
	27	109.22	3.58	132.67	4.48	156.22	5.34	168.00	5.84	191.56	6.81	203.33	7.37	226.78	8.40
	32	109.22	3.79	132.67	4.69	156.22	5.56	168.00	6.05	191.56	7.02	203.33	7.56	226.78	8.57
	37	109.22	4.01	132.67	4.91	156.22	5.80	168.00	6.27	191.56	7.24	203.33	7.76	226.78	8.75
	41	109.22	4.24	132.67	5.14	156.22	6.04	168.00	6.50	191.56	7.46	203.33	7.95	226.78	8.92
	46	109.22	4.33	132.67	5.24	156.22	6.15	168.00	6.60	191.56	7.58	203.33	8.06	226.78	9.04
	50	109.22	4.41	132.67	5.32	156.22	6.23	168.00	6.68	191.56	7.66	203.33	8.15	226.78	9.13
	54	109.22	4.48	132.67	5.39	156.22	6.31	168.00	6.76	191.56	7.76	203.33	8.24	226.78	9.24
	57	109.22	4.55	132.67	5.48	156.22	6.40	168.00	6.87	191.56	7.87	203.33	8.38	226.78	9.40
	61	109.22	4.64	132.67	5.59	156.22	6.53	168.00	7.01	191.56	8.05	203.33	8.58	226.78	9.64
	64	109.22	4.75	132.67	5.71	156.22	6.69	168.00	7.18	191.56	8.28	203.33	8.83	226.78	9.96
	68	109.22	4.85	132.67	5.88	156.22	6.90	168.00	7.42	191.56	8.56	203.33	9.14	226.78	10.33
	72	109.22	4.98	132.67	6.06	156.22	7.16	168.00	7.71	191.56	8.92	203.33	9.54	226.78	10.82
	75	109.22	5.15	132.67	6.31	156.22	7.48	168.00	8.07	191.56	9.38	203.33	10.05	226.78	11.48
	79	109.22	5.35	132.67	6.60	156.22	7.86	168.00	8.49	191.56	9.94	203.33	10.68	226.78	12.21
	82	109.22	5.62	132.67	6.96	156.22	8.33	168.00	9.03	191.56	10.55	203.33	11.34	226.78	12.96
	86	109.22	5.91	132.67	7.36	156.22	8.82	168.00	9.55	191.56	11.20	203.33	12.03	226.78	13.77
	90	109.22	6.26	132.67	7.81	156.22	9.41	168.00	10.22	191.56	11.99	203.33	12.91	226.78	14.86
	93	109.22	6.68	132.67	8.37	156.22	10.09	168.00	10.96	191.56	12.90	203.33	13.90	226.78	15.98
	95	109.22	6.95	132.67	8.70	156.22	10.48	168.00	11.39	191.56	13.41	203.33	14.44	226.78	16.55
	99	109.22	7.57	132.67	9.46	156.22	11.38	168.00	12.35	191.56	14.46	203.33	15.53	226.78	17.70
	102	109.22	8.33	132.67	10.33	156.22	12.40	168.00	13.45	191.56	15.64	203.33	16.73	226.78	18.87
	106	109.22	9.10	132.67	11.30	156.22	13.57	168.00	14.75	191.56	16.93	203.33	17.99	226.78	20.05
	111	109.22	10.52	132.67	13.05	156.22	15.65	168.00	16.96	191.56	19.07	203.33	20.12	210.89	20.14
	115	109.22	11.70	132.67	14.45	156.22	17.27	168.00	18.71	185.22	19.96	190.78	20.26	200.33	20.31
	118	109.22	13.21	129.44	15.85	150.33	18.53	161.00	19.88	172.56	20.01	178.33	20.06	189.67	20.14
	120	99.78	13.33	119.44	15.57	139.11	17.81	149.00	18.94	160.33	19.01	166.11	19.06	177.56	19.14
	122	93.78	12.66	112.33	14.79	130.78	16.92	140.11	17.99	150.67	18.06	156.11	18.10	166.89	18.18
60	5	93.56	2.37	113.78	3.10	133.89	3.77	144.00	4.20	164.11	4.76	174.22	5.05	194.44	5.59
	10	93.56	2.52	113.78	3.27	133.89	3.94	144.00	4.37	164.11	4.96	174.22	5.26	194.44	5.82
	14	93.56	2.68	113.78	3.44	133.89	4.13	144.00	4.56	164.11	5.17	174.22	5.48	194.44	6.06
	23	93.56	2.86	113.78	3.62	133.89	4.33	144.00	4.75	164.11	5.38	174.22	5.71	194.44	6.32
	27	93.56	3.04	113.78	3.80	133.89	4.54	144.00	4.94	164.11	5.60	174.22	5.95	194.44	6.59
	32	93.56	3.24	113.78	4.00	133.89	4.75	144.00	5.15	164.11	5.83	174.22	6.19	194.44	6.87
	37	93.56	3.45	113.78	4.21	133.89	4.97	144.00	5.36	164.11	6.08	174.22	6.45	194.44	7.16
	41	93.56	3.67	113.78	4.43	133.89	5.20	144.00	5.59	164.11	6.33	174.22	6.72	194.44	7.46
	46	93.56	3.74	113.78	4.51	133.89	5.28	144.00	5.67	164.11	6.44	174.22	6.81	194.44	7.58
	50	93.56	3.80	113.78	4.57	133.89	5.35	144.00	5.74	164.11	6.51	174.22	6.89	194.44	7.66
	54	93.56	3.86	113.78	4.64	133.89	5.42	144.00	5.82	164.11	6.59	174.22	6.99	194.44	7.76
	57	93.56	3.91	113.78	4.71	133.89	5.50	144.00	5.91	164.11	6.69	174.22	7.09	194.44	7.88
	61	93.56	3.98	113.78	4.79	133.89	5.60	144.00	6.01	164.11	6.82	174.22	7.23	194.44	8.05
	64	93.56	4.07	113.78	4.90	133.89	5.73	144.00	6.15	164.11	7.00	174.22	7.43	194.44	8.29
	68	93.56	4.16	113.78	5.01	133.89	5.88	144.00	6.32	164.11	7.22	174.22	7.69	194.44	8.62
	72	93.56	4.26	113.78	5.17	133.89	6.08	144.00	6.53	164.11	7.50	174.22	7.98	194.44	8.97
	75	93.56	4.38	113.78	5.35	133.89	6.33	144.00	6.82	164.11	7.85	174.22	8.37	194.44	9.45
	79	93.56	4.52	113.78	5.56	133.89	6.62	144.00	7.15	164.11	8.28	174.22	8.86	194.44	10.04
	82	93.56	4.72	113.78	5.84	133.89	6.99	144.00	7.56	164.11	8.78	174.22	9.41	194.44	10.71
	86	93.56	4.93	113.78	6.13	133.89	7.36	144.00	7.96	164.11	9.29	174.22	9.97	194.44	11.38
	90	93.56	5.20	113.78	6.47	133.89	7.78	144.00	8.43	164.11	9.90	174.22	10.65	194.44	12.22
	93	93.56	5.49	113.78	6.88	133.89	8.28	144.00	8.98	164.11	10.62	174.22	11.45	194.44	13.15
	95	93.56	5.71	113.78	7.15	133.89	8.62	144.00	9.36	164.11	11.06	174.22	11.91	194.44	13.66
	99	93.56	6.18	113.78	7.77	133.89	9.39	144.00	10.22	164.11	11.98	174.22	12.89	194.44	14.72
	102	93.56	6.83	113.78	8.52	133.89	10.24	144.00	11.10	164.11	12.99	174.22	13.94	194.44	15.79
	106	93.56	7.51	113.78	9.38	133.89	11.31	144.00	12.30	164.11	14.17	174.22	15.08	194.44	16.89
	111	93.56	8.72	113.78	10.89	133.89	13.12	144.00	14.25	164.11	16.01	174.22	16.86	194.44	18.53
	115	93.56	9.69	113.78	12.05	133.89	14.43	144.00	15.63	164.11	17.34	174.22	18.18	194.44	19.77
	118	93.56	11.07	113.33	13.54	133.67	16.02	144.00	17.27	157.78	18.73	164.22	19.20	176.22	19.57
	120	88.78	11.88	106.78	14.24	125.22	16.61	134.44	17.81	146.22	18.13	152.22	18.30	164.00	18.59
	122	83.44	11.29	100.33	13.53	117.67	15.78	126.33	16.92	137.44	17.22	143.11	17.39	154.11	17.66

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC240S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	78.00	2.02	94.78	2.61	111.56	3.16	120.00	3.51	136.78	3.92	145.22	4.12	162.00	4.51
	10	78.00	2.15	94.78	2.75	111.56	3.31	120.00	3.66	136.78	4.08	145.22	4.29	162.00	4.70
	14	78.00	2.29	94.78	2.89	111.56	3.46	120.00	3.81	136.78	4.26	145.22	4.47	162.00	4.90
	23	78.00	2.43	94.78	3.04	111.56	3.63	120.00	3.98	136.78	4.43	145.22	4.65	162.00	5.11
	27	78.00	2.58	94.78	3.21	111.56	3.80	120.00	4.14	136.78	4.62	145.22	4.85	162.00	5.32
	32	78.00	2.74	94.78	3.37	111.56	3.98	120.00	4.31	136.78	4.80	145.22	5.05	162.00	5.54
	37	78.00	2.92	94.78	3.55	111.56	4.16	120.00	4.49	136.78	5.00	145.22	5.26	162.00	5.77
	41	78.00	3.10	94.78	3.73	111.56	4.36	120.00	4.68	136.78	5.21	145.22	5.48	162.00	6.02
	46	78.00	3.16	94.78	3.79	111.56	4.42	120.00	4.73	136.78	5.29	145.22	5.56	162.00	6.12
	50	78.00	3.21	94.78	3.84	111.56	4.48	120.00	4.79	136.78	5.35	145.22	5.64	162.00	6.20
	54	78.00	3.24	94.78	3.90	111.56	4.55	120.00	4.87	136.78	5.43	145.22	5.71	162.00	6.29
	57	78.00	3.28	94.78	3.94	111.56	4.62	120.00	4.96	136.78	5.52	145.22	5.81	162.00	6.38
	61	78.00	3.34	94.78	4.01	111.56	4.69	120.00	5.03	136.78	5.62	145.22	5.91	162.00	6.50
	64	78.00	3.41	94.78	4.09	111.56	4.78	120.00	5.13	136.78	5.74	145.22	6.04	162.00	6.66
	68	78.00	3.48	94.78	4.19	111.56	4.90	120.00	5.25	136.78	5.91	145.22	6.25	162.00	6.94
	72	78.00	3.56	94.78	4.29	111.56	5.03	120.00	5.40	136.78	6.13	145.22	6.50	162.00	7.24
	75	78.00	3.63	94.78	4.42	111.56	5.20	120.00	5.60	136.78	6.38	145.22	6.78	162.00	7.58
	79	78.00	3.74	94.78	4.59	111.56	5.46	120.00	5.89	136.78	6.73	145.22	7.15	162.00	8.01
	82	78.00	3.86	94.78	4.78	111.56	5.71	120.00	6.18	136.78	7.11	145.22	7.58	162.00	8.55
	86	78.00	4.01	94.78	4.99	111.56	5.98	120.00	6.48	136.78	7.52	145.22	8.05	162.00	9.13
	90	78.00	4.21	94.78	5.24	111.56	6.26	120.00	6.79	136.78	7.96	145.22	8.57	162.00	9.81
	93	78.00	4.41	94.78	5.50	111.56	6.61	120.00	7.17	136.78	8.50	145.22	9.19	162.00	10.58
	95	78.00	4.55	94.78	5.68	111.56	6.81	120.00	7.37	136.78	8.82	145.22	9.54	162.00	10.97
	99	78.00	4.93	94.78	6.19	111.56	7.49	120.00	8.15	136.78	9.62	145.22	10.37	162.00	11.87
	102	78.00	5.42	94.78	6.82	111.56	8.23	120.00	8.94	136.78	10.50	145.22	11.28	162.00	12.85
	106	78.00	6.03	94.78	7.53	111.56	9.11	120.00	9.92	136.78	11.52	145.22	12.30	162.00	13.87
	111	78.00	7.11	94.78	8.91	111.56	10.76	120.00	11.71	136.78	13.20	145.22	13.94	162.00	15.38
	115	78.00	7.91	94.78	9.85	111.56	11.87	120.00	12.90	136.78	14.32	145.22	15.02	162.00	16.40
	118	78.00	8.91	94.78	11.04	111.56	13.11	120.00	14.12	136.78	15.51	145.22	16.16	162.00	17.42
	120	78.00	9.73	94.78	11.81	111.56	13.89	120.00	14.92	132.00	16.20	138.11	16.80	150.56	17.94
	122	78.00	10.40	94.78	12.64	111.56	14.86	120.00	15.96	132.00	17.33	131.22	16.47	143.00	17.57

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC240S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	193.50	14.69	188.60	15.91	186.10	16.35	183.70	16.97	178.00	18.46	172.40	19.68
	-17.8	-18.0	209.70	15.56	204.80	16.79	202.30	17.23	199.90	17.84	194.20	19.33	188.60	20.56
	-12.6	-13.0	234.00	16.88	229.10	18.10	226.60	18.54	224.20	19.16	218.50	20.65	212.90	21.87
	-7.1	-7.6	258.30	18.19	253.40	19.42	250.90	19.86	248.50	20.47	242.80	21.96	237.20	23.19
	-3.6	-4.0	274.50	19.07	269.60	20.30	267.10	20.73	264.70	21.35	259.00	22.84	253.40	24.06
	-1.8	-2.2	282.60	19.51	277.70	20.73	275.20	21.17	272.80	21.79	267.10	23.28	261.50	24.50
	2.0	1.0	298.80	20.38	293.90	21.61	291.40	22.05	289.00	22.66	283.30	24.15	275.00	25.38
	6.0	5.0	323.10	21.70	318.20	22.93	315.70	23.36	313.30	23.98	301.60	25.20	280.30	25.73
	10.0	9.0	339.30	22.57	334.40	23.80	331.90	24.24	325.50	24.85	307.00	25.55	281.90	25.73
	13.0	12.0	347.40	23.01	342.50	24.24	336.00	24.68	328.20	25.03	308.30	25.73	282.70	25.73
	17.0	15.0	368.20	24.33	351.80	25.03	344.10	25.20	336.30	25.55	310.80	25.73	285.10	25.73
	19.0	18.0	370.90	24.50	354.50	25.20	346.80	25.38	337.20	25.73	311.60	25.73	285.90	25.73
	23.0	21.0	376.30	24.85	359.90	25.55	349.50	25.73	338.90	25.73	313.20	25.73	287.60	25.73
	26.0	24.0	381.70	25.20	362.60	25.73	351.10	25.73	340.50	25.73	314.80	25.73	289.20	25.73
	30.0	28.0	387.10	25.55	364.20	25.73	352.80	25.73	342.10	25.73	316.40	25.73	290.80	25.73
	35.0	32.0	388.80	25.73	366.70	25.73	355.20	25.73	344.50	25.73	318.90	25.73	293.20	25.73
	39.0	36.0	390.40	25.73	368.30	25.73	356.80	25.73	346.10	25.73	320.50	25.73	294.80	25.07
	44.0	40.0	392.00	25.73	369.90	25.73	358.40	25.73	347.80	25.73	322.10	25.73	294.80	23.36
	47.0	43.0	392.90	25.73	370.70	25.73	359.20	25.73	348.60	25.73	322.90	25.44	294.80	22.57
	51.0	47.0	394.50	25.73	372.30	25.73	360.90	25.73	350.20	25.73	322.90	23.79	294.80	21.16
	54.0	50.0	396.10	25.73	374.00	25.73	362.50	25.73	351.00	24.91	322.90	22.33	294.80	19.91
	57.0	53.0	398.50	25.73	375.60	24.89	363.30	23.79	351.00	22.72	322.90	20.44	294.80	18.29
	60.0	56.0	400.10	25.58	375.60	23.47	363.30	22.46	351.00	21.48	322.90	19.36	294.80	17.38
120	-21.8	-22.0	187.30	16.35	182.80	17.40	180.50	17.58	178.30	18.19	173.10	19.24	167.90	20.73
	-17.8	-18.0	203.50	17.23	199.00	18.28	196.70	18.46	194.50	19.07	189.30	20.12	184.10	21.61
	-12.6	-13.0	227.80	18.54	223.30	19.59	221.00	19.77	218.80	20.38	213.60	21.44	208.40	22.93
	-7.1	-7.6	252.10	19.86	247.60	20.91	245.30	21.08	243.10	21.70	237.90	22.75	232.70	24.24
	-3.6	-4.0	268.30	20.73	263.80	21.79	261.50	21.96	259.30	22.57	254.10	23.63	248.90	25.12
	-1.8	-2.2	276.40	21.17	271.90	22.22	269.60	22.40	267.40	23.01	262.20	24.06	256.90	25.55
	2.0	1.0	292.60	22.05	288.10	23.10	285.80	23.28	283.60	23.89	278.40	24.94	259.20	25.73
	6.0	5.0	316.90	23.36	312.40	24.42	310.10	24.59	303.10	25.20	284.30	25.73	261.60	25.73
	10.0	9.0	333.10	24.24	322.80	25.03	316.50	25.20	308.50	25.55	285.90	25.73	263.30	25.73
	13.0	12.0	340.60	24.68	325.50	25.20	319.20	25.38	310.20	25.73	286.70	25.73	264.10	25.73
	17.0	15.0	348.70	25.20	332.90	25.73	323.20	25.73	312.70	25.73	289.20	25.73	266.50	25.73
	19.0	18.0	351.40	25.38	333.70	25.73	324.00	25.73	313.50	25.73	290.00	25.73	267.30	25.73
	23.0	21.0	356.40	25.73	335.30	25.73	325.60	25.73	315.10	25.73	291.60	25.73	268.90	25.73
	26.0	24.0	358.00	25.73	337.00	25.73	327.20	25.73	316.70	25.73	293.20	25.73	270.50	25.73
	30.0	28.0	359.60	25.73	338.60	25.73	328.90	25.73	318.30	25.73	294.80	25.73	272.20	25.64
	35.0	32.0	362.10	25.73	341.00	25.73	331.30	25.73	320.80	25.73	297.30	25.73	272.20	22.91
	39.0	36.0	363.70	25.73	342.60	25.73	332.90	25.73	322.40	25.73	298.10	24.09	272.20	21.31
	44.0	40.0	365.30	25.73	344.30	25.73	334.50	25.73	324.00	25.14	298.10	22.44	272.20	19.88
	47.0	43.0	366.10	25.73	345.10	25.73	335.30	25.50	324.00	24.27	298.10	21.68	272.20	19.23
	51.0	47.0	367.70	25.73	346.70	25.00	335.30	23.83	324.00	22.70	298.10	20.32	272.20	18.06
	54.0	50.0	369.40	25.66	346.70	23.42	335.30	22.34	324.00	21.30	298.10	19.11	272.20	17.02
	57.0	53.0	369.40	23.35	346.70	21.38	335.30	20.41	324.00	19.50	298.10	17.55	272.20	15.69
	60.0	56.0	369.40	22.02	346.70	20.21	335.30	19.31	324.00	18.47	298.10	16.67	272.20	14.93
110	-21.8	-22.0	181.20	17.58	177.00	18.63	174.90	19.07	172.90	19.42	168.10	20.47	157.20	21.35
	-17.8	-18.0	197.40	18.46	193.20	19.51	191.10	19.95	189.10	20.30	184.30	21.35	173.40	22.22
	-12.6	-13.0	221.70	19.77	217.50	20.82	215.40	21.26	213.40	21.61	208.60	22.66	197.70	23.54
	-7.1	-7.6	246.00	21.08	241.80	22.14	239.70	22.57	237.70	22.93	232.90	23.98	222.00	24.85
	-3.6	-4.0	262.20	21.96	258.00	23.01	255.90	23.45	253.90	23.80	249.10	24.85	237.30	25.73
	-1.8	-2.2	270.30	22.40	266.10	23.45	264.00	23.89	262.00	24.24	257.20	25.29	238.10	25.73
	2.0	1.0	286.50	23.28	282.30	24.33	280.20	24.77	278.20	25.12	261.10	25.73	239.80	25.73
	6.0	5.0	310.80	24.59	300.00	25.38	293.50	25.55	284.90	25.73	263.50	25.73	242.20	25.73
	10.0	9.0	318.50	25.20	304.80	25.73	295.30	25.73	286.50	25.73	265.10	25.73	243.80	25.73
	13.0	12.0	321.20	25.38	305.60	25.73	296.10	25.73	287.30	25.73	266.00	25.73	244.60	25.73
	17.0	15.0	326.40	25.73	308.10	25.73	298.50	25.73	289.70	25.73	268.40	25.73	247.10	25.73
	19.0	18.0	327.20	25.73	308.90	25.73	299.30	25.73	290.50	25.73	269.20	25.73	247.90	25.73
	23.0	21.0	328.90	25.73	310.50	25.73	300.90	25.73	292.10	25.73	270.80	25.73	249.50	25.35
	26.0	24.0	330.50	25.73	312.10	25.73	302.50	25.73	293.80	25.73	272.40	25.73	249.50	23.44
	30.0	28.0	332.10	25.73	313.70	25.73	304.20	25.73	295.40	25.73	273.20	24.60	249.50	21.71
	35.0	32.0	334.50	25.73	316.20	25.73	306.60	25.73	297.00	24.71	273.20	21.98	249.50	19.43
	39.0	36.0	336.20	25.73	317.80	25.38	307.40	24.15	297.00	22.96	273.20	20.45	249.50	18.10
	44.0	40.0	337.80	25.73	317.80	23.61	307.40	22.48	297.00	21.38	273.20	19.08	249.50	16.91
	47.0	43.0	338.60	25.06	317.80	22.79	307.40	21.71	297.00	20.66	273.20	18.45	249.50	16.37
	51.0	47.0	338.60	23.41	317.80	21.32	307.40	20.33	297.00	19.36	273.20	17.33	249.50	15.40
	54.0	50.0	338.60	21.94	317.80	20.02	307.40	19.11	297.00	18.21	273.20	16.33	249.50	14.54
	57.0	53.0	338.60	20.04	317.80	18.33	307.40	17.53	297.00	16.72	273.20	15.05	249.50	13.45
	60.0	56.0	338.60	18.95	317.80	17.37	307.40	16.63	297.00	15.88	273.20	14.33	249.50	12.83

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC240S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	175.00	18.81	171.20	19.86	169.30	20.30	167.50	20.88	156.70	21.35	145.90	21.79
	-17.8	-18.0	191.20	19.68	187.40	20.73	185.50	21.17	183.70	21.75	172.90	22.22	162.10	22.66
	-12.6	-13.0	215.50	21.00	211.70	22.05	209.80	22.49	208.00	23.07	197.20	23.54	186.40	23.98
	-7.1	-7.6	239.80	22.31	236.00	23.36	234.10	23.80	232.30	24.38	221.50	24.85	210.70	25.29
	-3.6	-4.0	256.00	23.19	252.20	24.24	250.30	24.68	248.50	25.26	237.10	25.73	217.90	25.73
	-1.8	-2.2	264.10	23.63	260.30	24.68	258.40	25.12	256.60	25.55	237.90	25.73	218.70	25.73
	2.0	1.0	280.30	24.50	273.70	25.55	267.30	25.73	258.70	25.73	239.50	25.73	220.30	25.73
	6.0	5.0	294.50	25.55	277.60	25.73	269.70	25.73	261.10	25.73	241.90	25.73	222.80	25.73
	10.0	9.0	296.50	25.73	279.20	25.73	271.40	25.73	262.70	25.73	243.50	25.73	224.40	25.73
	13.0	12.0	297.30	25.73	280.00	25.73	272.20	25.73	263.50	25.73	244.40	25.73	225.20	25.73
	17.0	15.0	299.70	25.73	282.40	25.73	274.60	25.73	266.00	25.73	246.80	25.73	226.80	24.01
	19.0	18.0	300.50	25.73	283.20	25.73	275.40	25.73	266.80	25.73	247.60	25.73	226.80	23.07
	23.0	21.0	302.10	25.73	284.90	25.73	277.00	25.73	268.40	25.73	248.40	24.22	226.80	21.32
	26.0	24.0	303.80	25.73	286.50	25.73	278.60	25.73	270.00	25.26	248.40	22.39	226.80	19.73
	30.0	28.0	305.40	25.73	288.10	25.73	279.50	24.61	270.00	23.37	248.40	20.75	226.80	18.29
	35.0	32.0	307.80	25.46	288.90	23.10	279.50	21.97	270.00	20.88	248.40	18.57	226.80	16.41
	39.0	36.0	307.80	23.65	288.90	21.47	279.50	20.43	270.00	19.43	248.40	17.31	226.80	15.31
	44.0	40.0	307.80	22.01	288.90	20.01	279.50	19.05	270.00	18.13	248.40	16.18	226.80	14.34
	47.0	43.0	307.80	21.26	288.90	19.34	279.50	18.42	270.00	17.53	248.40	15.66	226.80	13.89
	51.0	47.0	307.80	19.91	288.90	18.14	279.50	17.29	270.00	16.46	248.40	14.74	226.80	13.10
	54.0	50.0	307.80	18.71	288.90	17.07	279.50	16.28	270.00	15.52	248.40	13.92	226.80	12.40
	57.0	53.0	307.80	17.17	288.90	15.69	279.50	14.99	270.00	14.30	248.40	12.88	226.80	11.50
	60.0	56.0	307.80	16.29	288.90	14.92	279.50	14.26	270.00	13.61	248.40	12.29	226.80	11.00
90	-21.8	-22.0	168.90	20.30	162.50	20.91	158.20	20.91	154.00	21.35	144.20	21.79	134.50	22.22
	-17.8	-18.0	185.10	21.17	178.70	21.79	174.40	21.79	170.20	22.22	160.40	22.66	150.70	23.10
	-12.6	-13.0	209.40	22.49	203.00	23.10	198.70	23.10	194.50	23.54	184.70	23.98	175.00	24.42
	-7.1	-7.6	233.70	23.80	227.30	24.42	223.00	24.42	218.80	24.85	209.00	25.29	196.80	25.73
	-3.6	-4.0	249.90	24.68	243.50	25.29	239.20	25.29	232.50	25.73	215.50	25.73	198.50	25.73
	-1.8	-2.2	258.00	25.12	247.90	25.73	241.00	25.73	233.30	25.73	216.30	25.73	199.30	25.73
	2.0	1.0	264.90	25.73	249.50	25.73	242.60	25.73	234.90	25.73	217.90	25.73	200.90	25.73
	6.0	5.0	267.30	25.73	251.90	25.73	245.00	25.73	237.30	25.73	220.30	25.73	203.30	25.73
	10.0	9.0	268.90	25.73	253.50	25.73	246.70	25.73	239.00	25.73	221.90	25.73	204.10	24.20
	13.0	12.0	269.70	25.73	254.30	25.73	247.50	25.73	239.80	25.73	222.80	25.73	204.10	23.23
	17.0	15.0	272.20	25.73	256.80	25.73	249.90	25.73	242.20	25.73	223.60	23.42	204.10	20.59
	19.0	18.0	273.00	25.73	257.60	25.73	250.70	25.73	243.00	25.36	223.60	22.50	204.10	19.79
	23.0	21.0	274.60	25.73	259.20	25.73	251.50	24.69	243.00	23.42	223.60	20.79	204.10	18.30
	26.0	24.0	276.20	25.73	260.00	24.02	251.50	22.82	243.00	21.66	223.60	19.25	204.10	16.95
	30.0	28.0	277.00	24.56	260.00	22.24	251.50	21.14	243.00	20.07	223.60	17.85	204.10	15.74
	35.0	32.0	277.00	21.94	260.00	19.89	251.50	18.92	243.00	17.98	223.60	16.01	204.10	14.14
	39.0	36.0	277.00	20.40	260.00	18.52	251.50	17.63	243.00	16.76	223.60	14.94	204.10	13.22
	44.0	40.0	277.00	19.03	260.00	17.29	251.50	16.47	243.00	15.67	223.60	13.99	204.10	12.40
	47.0	43.0	277.00	18.40	260.00	16.73	251.50	15.94	243.00	15.17	223.60	13.55	204.10	12.02
	51.0	47.0	277.00	17.27	260.00	15.73	251.50	15.00	243.00	14.28	223.60	12.78	204.10	11.36
	54.0	50.0	277.00	16.27	260.00	14.84	251.50	14.16	243.00	13.50	223.60	12.09	204.10	10.77
	57.0	53.0	277.00	14.99	260.00	13.70	251.50	13.09	243.00	12.49	223.60	11.22	204.10	10.03
	60.0	56.0	277.00	14.27	260.00	13.06	251.50	12.49	243.00	11.93	223.60	10.73	204.10	9.61
80	-21.8	-22.0	155.60	21.35	148.00	21.79	144.20	21.79	140.50	21.79	131.80	22.22	123.20	22.66
	-17.8	-18.0	171.80	22.22	164.20	22.66	160.40	22.66	156.70	22.66	148.00	23.10	139.40	23.54
	-12.6	-13.0	196.10	23.54	188.50	23.98	184.70	23.98	181.00	23.98	172.30	24.42	163.70	24.85
	-7.1	-7.6	220.40	24.85	212.80	25.29	209.00	25.29	205.30	25.29	192.20	25.73	177.40	25.73
	-3.6	-4.0	234.90	25.73	221.40	25.73	215.50	25.73	208.70	25.73	193.90	25.73	179.00	25.73
	-1.8	-2.2	235.70	25.73	222.20	25.73	216.30	25.73	209.50	25.73	194.70	25.73	179.80	25.73
	2.0	1.0	237.30	25.73	223.80	25.73	217.90	25.73	211.10	25.73	196.30	25.73	181.40	25.16
	6.0	5.0	239.80	25.73	226.30	25.73	220.30	25.73	213.60	25.73	198.70	25.30	181.40	22.24
	10.0	9.0	241.40	25.73	227.90	25.73	221.90	25.73	215.20	25.73	198.70	23.30	181.40	20.49
	13.0	12.0	242.20	25.73	228.70	25.73	222.80	25.73	216.00	25.26	198.70	22.37	181.40	19.68
	17.0	15.0	244.60	25.73	231.10	24.80	223.60	23.58	216.00	22.37	198.70	19.83	181.40	17.45
	19.0	18.0	245.40	25.73	231.10	23.82	223.60	22.65	216.00	21.50	198.70	19.06	181.40	16.78
	23.0	21.0	246.20	24.36	231.10	22.01	223.60	20.93	216.00	19.87	198.70	17.63	181.40	15.53
	26.0	24.0	246.20	22.52	231.10	20.37	223.60	19.37	216.00	18.40	198.70	16.33	181.40	14.40
	30.0	28.0	246.20	20.86	231.10	18.88	223.60	17.97	216.00	17.07	198.70	15.17	181.40	13.38
	35.0	32.0	246.20	18.68	231.10	16.93	223.60	16.11	216.00	15.32	198.70	13.64	181.40	12.05
	39.0	36.0	246.20	17.41	231.10	15.80	223.60	15.04	216.00	14.31	198.70	12.75	181.40	11.29
	44.0	40.0	246.20	16.27	231.10	14.78	223.60	14.08	216.00	13.40	198.70	11.96	181.40	10.60
	47.0	43.0	246.20	15.75	231.10	14.32	223.60	13.64	216.00	12.99	198.70	11.60	181.40	10.29
	51.0	47.0	246.20	14.82	231.10	13.50	223.60	12.86	216.00	12.26	198.70	10.96	181.40	9.74
	54.0	50.0	246.20	14.00	231.10	12.77	223.60	12.17	216.00	11.61	198.70	10.40	181.40	9.26
	57.0	53.0	246.20	12.96	231.10	11.84	223.60	11.30	216.00	10.79	198.70	9.69	181.40	8.64
	60.0	56.0	246.20	12.36	231.10	11.32	223.60	10.80	216.00	10.33	198.70	9.29	181.40	8.30

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC240S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	140.20	21.79	133.60	22.22	130.30	22.22	127.00	22.66	119.40	22.66	111.80	23.10
	-17.8	-18.0	156.40	22.66	149.80	23.10	146.50	23.10	143.20	23.54	135.60	23.54	128.00	23.98
	-12.6	-13.0	180.70	23.98	174.10	24.42	170.80	24.42	167.50	24.85	159.90	24.85	152.30	25.29
	-7.1	-7.6	205.00	25.29	194.90	25.73	189.10	25.73	183.30	25.73	170.60	25.73	158.00	25.73
	-3.6	-4.0	207.40	25.73	196.60	25.73	190.80	25.73	185.00	25.73	172.30	25.73	158.80	23.73
	-1.8	-2.2	208.20	25.73	197.40	25.73	191.60	25.73	185.80	25.73	173.10	25.73	158.80	22.77
	2.0	1.0	209.80	25.73	199.00	25.73	193.20	25.73	187.40	25.73	173.90	23.82	158.80	20.96
	6.0	5.0	212.20	25.73	201.40	25.73	195.60	25.04	189.00	23.79	173.90	21.06	158.80	18.53
	10.0	9.0	213.80	25.73	202.20	24.34	195.60	23.07	189.00	21.92	173.90	19.41	158.80	17.08
	13.0	12.0	214.70	25.73	202.20	23.37	195.60	22.15	189.00	21.05	173.90	18.64	158.80	16.41
	17.0	15.0	215.50	22.89	202.20	20.71	195.60	19.64	189.00	18.66	173.90	16.54	158.80	14.57
	19.0	18.0	215.50	21.99	202.20	19.90	195.60	18.88	189.00	17.94	173.90	15.90	158.80	14.01
	23.0	21.0	215.50	20.33	202.20	18.40	195.60	17.46	189.00	16.60	173.90	14.72	158.80	12.98
	26.0	24.0	215.50	18.82	202.20	17.05	195.60	16.18	189.00	15.39	173.90	13.66	158.80	12.05
	30.0	28.0	215.50	17.46	202.20	15.83	195.60	15.03	189.00	14.29	173.90	12.70	158.80	11.21
	35.0	32.0	215.50	15.67	202.20	14.22	195.60	13.52	189.00	12.86	173.90	11.45	158.80	10.12
	39.0	36.0	215.50	14.64	202.20	13.30	195.60	12.64	189.00	12.03	173.90	10.73	158.80	9.49
	44.0	40.0	215.50	13.71	202.20	12.47	195.60	11.87	189.00	11.30	173.90	10.08	158.80	8.93
	47.0	43.0	215.50	13.29	202.20	12.09	195.60	11.51	189.00	10.96	173.90	9.79	158.80	8.68
	51.0	47.0	215.50	12.54	202.20	11.42	195.60	10.88	189.00	10.37	173.90	9.27	158.80	8.23
	54.0	50.0	215.50	11.88	202.20	10.83	195.60	10.33	189.00	9.84	173.90	8.82	158.80	7.84
	57.0	53.0	215.50	11.04	202.20	10.08	195.60	9.63	189.00	9.18	173.90	8.25	158.80	7.34
	60.0	56.0	215.50	10.56	202.20	9.66	195.60	9.23	189.00	8.81	173.90	7.92	158.80	7.06
60	-21.8	-22.0	124.80	22.66	119.10	22.66	116.30	23.10	113.50	23.10	107.00	23.54	100.50	21.60
	-17.8	-18.0	141.00	23.54	135.30	23.54	132.50	23.98	129.70	23.98	123.20	24.42	116.70	22.47
	-12.6	-13.0	165.30	24.85	159.60	24.85	156.80	25.29	154.00	25.29	147.40	25.73	136.10	23.79
	-7.1	-7.6	179.00	25.73	170.10	25.73	165.20	25.73	160.40	25.73	149.00	23.87	136.10	21.01
	-3.6	-4.0	180.60	25.73	171.70	25.73	166.90	25.73	162.00	24.80	149.00	21.97	136.10	19.34
	-1.8	-2.2	181.40	25.73	172.50	25.73	167.70	25.13	162.00	23.79	149.00	21.08	136.10	18.56
	2.0	1.0	183.10	25.73	173.30	24.33	167.70	23.13	162.00	21.91	149.00	19.41	136.10	17.09
	6.0	5.0	184.70	23.83	173.30	21.51	167.70	20.45	162.00	19.36	149.00	17.16	136.10	15.12
	10.0	9.0	184.70	21.95	173.30	19.82	167.70	18.85	162.00	17.85	149.00	15.83	136.10	13.94
	13.0	12.0	184.70	21.08	173.30	19.04	167.70	18.10	162.00	17.15	149.00	15.21	136.10	13.40
	17.0	15.0	184.70	18.69	173.30	16.89	167.70	16.06	162.00	15.22	149.00	13.51	136.10	11.91
	19.0	18.0	184.70	17.97	173.30	16.24	167.70	15.45	162.00	14.64	149.00	12.99	136.10	11.46
	23.0	21.0	184.70	16.63	173.30	15.04	167.70	14.31	162.00	13.56	149.00	12.05	136.10	10.63
	26.0	24.0	184.70	15.42	173.30	13.95	167.70	13.27	162.00	12.59	149.00	11.19	136.10	9.88
	30.0	28.0	184.70	14.33	173.30	12.97	167.70	12.35	162.00	11.72	149.00	10.42	136.10	9.21
	35.0	32.0	184.70	12.90	173.30	11.69	167.70	11.13	162.00	10.58	149.00	9.42	136.10	8.34
	39.0	36.0	184.70	12.07	173.30	10.96	167.70	10.44	162.00	9.92	149.00	8.84	136.10	7.84
	44.0	40.0	184.70	11.34	173.30	10.30	167.70	9.81	162.00	9.34	149.00	8.33	136.10	7.39
	47.0	43.0	184.70	11.00	173.30	10.00	167.70	9.53	162.00	9.07	149.00	8.10	136.10	7.19
	51.0	47.0	184.70	10.41	173.30	9.47	167.70	9.03	162.00	8.60	149.00	7.69	136.10	6.84
	54.0	50.0	184.70	9.89	173.30	9.01	167.70	8.59	162.00	8.19	149.00	7.33	136.10	6.53
	57.0	53.0	184.70	9.23	173.30	8.42	167.70	8.04	162.00	7.67	149.00	6.88	136.10	6.13
	60.0	56.0	184.70	8.86	173.30	8.09	167.70	7.73	162.00	7.38	149.00	6.63	136.10	5.92
50	-21.8	-22.0	109.40	23.10	104.70	23.54	102.30	23.26	100.00	21.96	94.60	20.54	89.20	19.19
	-17.8	-18.0	125.60	23.98	120.90	24.42	118.50	24.13	116.20	22.84	110.80	21.41	105.40	20.07
	-12.6	-13.0	149.90	25.29	142.80	25.73	139.70	25.45	135.00	24.15	124.20	21.39	113.40	18.88
	-7.1	-7.6	153.10	25.73	144.50	23.69	139.70	22.48	135.00	21.33	124.20	18.89	113.40	16.68
	-3.6	-4.0	153.90	24.10	144.50	21.81	139.70	20.69	135.00	19.64	124.20	17.39	113.40	15.35
	-1.8	-2.2	153.90	23.12	144.50	20.92	139.70	19.85	135.00	18.84	124.20	16.69	113.40	14.73
	2.0	1.0	153.90	21.29	144.50	19.26	139.70	18.28	135.00	17.35	124.20	15.37	113.40	13.57
	6.0	5.0	153.90	18.82	144.50	17.03	139.70	16.17	135.00	15.35	124.20	13.60	113.40	12.01
	10.0	9.0	153.90	17.36	144.50	15.71	139.70	14.91	135.00	14.16	124.20	12.55	113.40	11.08
	13.0	12.0	153.90	16.67	144.50	15.09	139.70	14.33	135.00	13.60	124.20	12.06	113.40	10.65
	17.0	15.0	153.90	14.81	144.50	13.41	139.70	12.73	135.00	12.09	124.20	10.73	113.40	9.48
	19.0	18.0	153.90	14.24	144.50	12.90	139.70	12.25	135.00	11.64	124.20	10.32	113.40	9.13
	23.0	21.0	153.90	13.20	144.50	11.96	139.70	11.36	135.00	10.79	124.20	9.58	113.40	8.48
	26.0	24.0	153.90	12.26	144.50	11.12	139.70	10.56	135.00	10.03	124.20	8.92	113.40	7.89
	30.0	28.0	153.90	11.42	144.50	10.36	139.70	9.84	135.00	9.35	124.20	8.32	113.40	7.37
	35.0	32.0	153.90	10.31	144.50	9.37	139.70	8.90	135.00	8.47	124.20	7.54	113.40	6.68
	39.0	36.0	153.90	9.68	144.50	8.80	139.70	8.37	135.00	7.96	124.20	7.09	113.40	6.29
	44.0	40.0	153.90	9.12	144.50	8.29	139.70	7.89	135.00	7.51	124.20	6.70	113.40	5.95
	47.0	43.0	153.90	8.86	144.50	8.06	139.70	7.67	135.00	7.30	124.20	6.52	113.40	5.79
	51.0	47.0	153.90	8.41	144.50	7.66	139.70	7.29	135.00	6.94	124.20	6.21	113.40	5.52
	54.0	50.0	153.90	8.02	144.50	7.30	139.70	6.96	135.00	6.63	124.20	5.93	113.40	5.28
	57.0	53.0	153.90	7.52	144.50	6.86	139.70	6.54	135.00	6.23	124.20	5.59	113.40	4.98
	60.0	56.0	153.90	7.24	144.50	6.61	139.70	6.30	135.00	6.01	124.20	5.39	113.40	4.81

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC264S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	223.10	5.15	271.10	7.04	319.20	8.90	343.20	10.04	384.00	11.46	428.74	12.25	460.16	13.42
	10	223.10	5.42	271.10	7.34	319.20	9.23	343.20	10.35	384.00	11.76	424.50	12.50	455.60	13.62
	14	223.10	5.70	271.10	7.65	319.20	9.57	343.20	10.68	384.00	12.06	420.30	12.76	451.09	13.83
	23	223.10	6.00	271.10	7.97	319.20	9.91	343.20	11.01	384.00	12.37	416.14	13.02	446.63	14.04
	27	223.10	6.31	271.10	8.31	319.20	10.27	343.20	11.35	384.00	12.69	412.02	13.28	442.20	14.26
	32	223.10	6.65	271.10	8.65	319.20	10.64	343.20	11.70	384.00	13.02	407.94	13.55	437.83	14.48
	37	223.10	7.00	271.10	9.01	319.20	11.02	343.20	12.06	384.00	13.35	403.90	13.82	433.50	14.70
	41	223.10	7.37	271.10	9.39	319.20	11.42	343.20	12.43	384.00	13.69	399.90	14.11	429.20	14.92
	46	223.10	7.53	271.10	9.57	319.20	11.60	343.20	12.62	381.40	13.83	397.40	14.30	425.30	15.13
	50	223.10	7.68	271.10	9.73	319.20	11.79	343.20	12.83	379.80	14.01	395.70	14.50	422.60	15.34
	54	223.10	7.91	271.10	9.98	319.20	12.05	343.20	13.10	378.10	14.23	394.10	14.76	420.00	15.68
	57	223.10	8.16	271.10	10.23	319.20	12.35	343.20	13.42	376.40	14.58	392.40	15.14	417.30	16.05
	61	223.10	8.41	271.10	10.56	319.20	12.75	342.60	13.84	374.70	14.95	390.70	15.55	414.80	16.53
	64	223.10	8.77	271.10	10.94	319.20	13.18	341.00	14.19	373.00	15.42	389.00	16.09	412.10	17.14
	68	223.10	9.11	271.10	11.34	319.20	13.69	339.30	14.69	371.40	16.03	386.50	16.74	409.40	17.99
	72	223.10	9.51	271.10	11.83	319.20	14.34	337.60	15.33	369.70	16.84	384.00	17.60	406.80	19.02
	75	223.10	9.94	271.10	12.38	319.20	15.13	335.90	16.15	368.00	17.81	381.30	18.60	404.10	20.33
	79	223.10	10.39	271.10	13.10	318.30	16.05	334.20	17.13	366.30	18.96	378.60	19.86	401.60	21.78
	82	223.10	11.03	271.10	13.90	316.60	17.01	332.60	18.23	364.50	20.35	376.00	21.24	398.90	23.40
	86	223.10	11.67	271.10	14.86	314.90	18.19	330.90	19.59	362.00	21.73	373.30	22.71	396.20	25.24
	90	223.10	12.51	271.10	15.99	313.20	19.55	329.20	20.96	358.30	23.13	368.40	24.21	381.60	26.16
	93	223.10	13.44	271.10	17.41	311.50	20.89	325.00	22.10	344.80	23.92	354.00	25.02	366.30	26.27
	95	223.10	14.06	271.10	18.13	310.10	21.50	320.50	22.50	337.20	24.22	346.50	25.34	358.70	25.98
	99	223.10	15.44	271.10	19.55	300.90	22.29	305.50	22.97	321.80	24.70	331.30	25.38	343.50	25.19
	102	223.10	16.75	271.10	21.14	285.80	22.68	290.60	23.34	306.40	24.45	316.00	24.74	328.20	24.42
	106	223.10	18.13	261.10	21.85	270.80	22.99	275.60	23.45	291.00	23.75	300.80	24.01	313.00	23.68
	111	223.10	20.83	239.80	22.39	248.10	22.81	253.10	22.65	267.90	22.74	278.10	23.04	290.20	22.65
	115	212.20	21.44	223.40	22.39	233.00	22.27	238.20	22.12	252.60	22.16	262.90	22.48	272.30	21.81
	118	197.90	21.92	207.10	21.99	217.90	21.88	223.30	21.72	237.20	21.67	245.00	21.75	251.70	20.79
	120	189.10	21.81	199.00	21.81	210.40	21.75	215.70	21.57	226.80	21.20	230.20	20.72	237.20	19.78
	122	177.70	20.72	187.10	20.72	197.80	20.67	202.80	20.49	213.20	20.15	216.40	19.69	223.00	18.79
120	5	205.90	4.77	250.30	6.49	294.60	8.14	316.80	9.16	361.10	10.77	381.40	11.74	443.33	13.00
	10	205.90	5.02	250.30	6.76	294.60	8.44	316.80	9.44	361.10	11.04	381.40	11.98	438.94	13.20
	14	205.90	5.29	250.30	7.04	294.60	8.75	316.80	9.74	361.10	11.32	381.40	12.22	434.59	13.40
	23	205.90	5.57	250.30	7.34	294.60	9.06	316.80	10.04	361.10	11.62	381.40	12.47	430.29	13.60
	27	205.90	5.87	250.30	7.65	294.60	9.39	316.80	10.35	361.10	11.92	381.40	12.72	426.03	13.80
	32	205.90	6.18	250.30	7.97	294.60	9.73	316.80	10.68	361.10	12.23	381.40	12.98	421.82	14.01
	37	205.90	6.50	250.30	8.30	294.60	10.08	316.80	11.01	361.10	12.54	381.40	13.25	417.64	14.22
	41	205.90	6.84	250.30	8.64	294.60	10.45	316.80	11.35	361.10	12.86	381.40	13.52	413.50	14.44
	46	205.90	6.98	250.30	8.80	294.60	10.62	316.80	11.52	361.10	13.09	378.90	13.65	411.00	14.63
	50	205.90	7.12	250.30	8.93	294.60	10.78	316.80	11.69	361.10	13.31	377.20	13.80	409.30	14.83
	54	205.90	7.29	250.30	9.14	294.60	10.99	316.80	11.93	359.40	13.50	375.60	14.02	407.70	15.12
	57	205.90	7.50	250.30	9.35	294.60	11.24	316.80	12.20	357.80	13.76	373.90	14.32	406.00	15.49
	61	205.90	7.70	250.30	9.62	294.60	11.57	316.80	12.58	356.10	14.10	372.20	14.68	404.30	15.93
	64	205.90	7.99	250.30	9.94	294.60	11.94	316.80	12.97	354.40	14.49	370.50	15.13	402.60	16.50
	68	205.90	8.25	250.30	10.27	294.60	12.39	316.80	13.49	352.70	15.02	368.80	15.71	400.60	17.23
	72	205.90	8.59	250.30	10.70	294.60	12.94	316.80	14.13	351.00	15.70	367.20	16.49	398.10	18.14
	75	205.90	8.98	250.30	11.19	294.60	13.63	316.80	14.94	349.40	16.58	365.50	17.45	395.40	19.28
	79	205.90	9.41	250.30	11.84	294.60	14.49	315.60	15.88	347.70	17.63	363.80	18.61	392.80	20.65
	82	205.90	10.01	250.30	12.56	294.60	15.51	313.90	16.92	346.00	18.90	362.10	19.98	390.10	22.11
	86	205.90	10.58	250.30	13.44	294.60	16.70	312.20	18.18	344.30	20.29	360.40	21.43	387.00	23.63
	90	205.90	11.32	250.30	14.42	294.40	18.09	310.50	19.52	342.60	21.73	358.80	22.95	374.30	24.52
	93	205.90	12.12	250.30	15.67	292.80	19.42	308.90	20.91	338.10	22.99	346.00	23.70	359.50	25.17
	95	205.90	12.64	250.30	16.34	291.90	20.09	308.00	21.60	330.70	23.23	338.50	23.97	352.00	25.44
	99	205.90	13.84	250.30	17.71	290.20	21.49	299.60	22.43	315.80	23.67	323.70	24.44	337.10	24.96
	102	205.90	15.09	250.30	19.18	281.50	22.28	285.30	22.76	301.00	23.96	308.80	24.24	322.20	24.22
	106	205.90	16.42	250.30	20.89	269.80	22.79	271.00	22.99	286.10	23.50	294.00	23.64	307.30	23.52
	111	205.90	18.89	236.20	21.88	247.80	22.82	249.60	22.57	263.80	22.59	271.70	22.74	285.00	22.54
	115	205.90	20.77	220.90	21.94	233.10	22.44	235.30	22.17	249.00	22.08	256.90	22.22	267.30	21.73
	118	197.00	21.65	205.60	21.67	218.40	22.16	221.10	21.89	231.30	21.39	239.40	21.55	246.90	20.74
	120	192.50	21.98	198.00	21.60	211.10	22.10	213.90	21.83	221.00	20.94	224.60	20.52	232.20	19.73
	122	180.90	20.88	186.10	20.52	198.50	20.99	201.00	20.74	207.70	19.89	211.10	19.49	218.30	18.75

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC264S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	188.70	4.42	229.40	5.93	270.10	7.38	290.40	8.30	331.10	9.75	351.40	10.73	391.70	12.34
	10	188.70	4.65	229.40	6.17	270.10	7.65	290.40	8.56	331.10	10.00	351.40	10.95	391.70	12.52
	14	188.70	4.89	229.40	6.43	270.10	7.93	290.40	8.83	331.10	10.26	351.40	11.17	391.70	12.71
	23	188.70	5.14	229.40	6.70	270.10	8.22	290.40	9.10	331.10	10.53	351.40	11.40	391.70	12.91
	27	188.70	5.41	229.40	6.98	270.10	8.52	290.40	9.38	331.10	10.80	351.40	11.63	391.70	13.11
	32	188.70	5.69	229.40	7.28	270.10	8.83	290.40	9.67	331.10	11.08	351.40	11.87	391.70	13.31
	37	188.70	5.99	229.40	7.58	270.10	9.16	290.40	9.97	331.10	11.36	351.40	12.11	391.70	13.51
	41	188.70	6.30	229.40	7.89	270.10	9.49	290.40	10.28	331.10	11.66	351.40	12.35	391.70	13.72
	46	188.70	6.45	229.40	8.04	270.10	9.63	290.40	10.43	331.10	11.84	351.40	12.56	389.10	13.84
	50	188.70	6.55	229.40	8.15	270.10	9.76	290.40	10.57	331.10	12.01	351.40	12.74	387.50	13.98
	54	188.70	6.68	229.40	8.30	270.10	9.94	290.40	10.77	331.10	12.25	351.40	13.00	385.80	14.20
	57	188.70	6.83	229.40	8.48	270.10	10.15	290.40	10.99	331.10	12.54	351.40	13.33	384.10	14.50
	61	188.70	7.00	229.40	8.69	270.10	10.43	290.40	11.31	331.10	12.91	350.20	13.65	382.40	14.86
	64	188.70	7.22	229.40	8.94	270.10	10.74	290.40	11.66	331.10	13.33	348.50	14.03	380.70	15.35
	68	188.70	7.41	229.40	9.21	270.10	11.11	290.40	12.09	330.70	13.84	346.80	14.52	379.10	15.97
	72	188.70	7.67	229.40	9.58	270.10	11.58	290.40	12.63	329.00	14.41	345.10	15.16	377.40	16.77
	75	188.70	8.03	229.40	10.03	270.10	12.18	290.40	13.30	327.30	15.16	343.40	15.99	375.70	17.79
	79	188.70	8.44	229.40	10.59	270.10	12.92	290.40	14.18	325.60	16.11	341.80	17.04	374.00	19.05
	82	188.70	8.97	229.40	11.25	270.10	13.85	290.40	15.30	324.00	17.27	340.10	18.28	372.30	20.45
	86	188.70	9.52	229.40	12.04	270.10	14.94	290.00	16.54	322.30	18.56	338.40	19.63	370.70	21.93
	90	188.70	10.15	229.40	12.92	270.10	16.20	288.30	17.81	320.60	19.95	336.70	21.07	362.80	22.92
	93	188.70	10.83	229.40	14.00	270.10	17.56	286.70	19.18	318.90	21.34	334.20	22.41	348.80	23.44
	95	188.70	11.27	229.40	14.59	269.70	18.29	285.80	19.86	318.10	22.05	329.90	22.82	341.80	23.70
	99	188.70	12.28	229.40	15.89	268.00	19.61	284.10	21.22	310.00	22.88	316.00	23.24	327.90	24.21
	102	188.70	13.43	229.40	17.29	265.90	20.96	277.50	22.09	295.90	23.19	302.10	23.60	313.90	23.79
	106	188.70	14.74	229.40	18.84	257.70	21.62	266.20	22.49	281.90	23.30	288.30	23.35	299.90	23.16
	111	188.70	17.03	229.40	21.32	240.40	22.04	245.40	22.33	260.90	22.64	267.50	22.61	278.90	22.33
	115	188.70	18.63	219.70	21.70	227.20	21.83	231.30	22.00	246.80	22.26	253.70	22.22	261.90	21.61
	118	188.70	20.35	207.80	21.79	214.10	21.77	217.40	21.79	229.90	21.72	233.80	21.36	241.90	20.68
	120	185.70	20.79	197.70	21.49	204.00	21.43	207.30	21.41	215.00	20.67	219.10	20.32	227.40	19.67
	122	174.60	19.75	185.80	20.41	191.70	20.36	194.90	20.34	202.10	19.64	206.00	19.30	213.70	18.69
100	5	171.60	4.04	208.50	5.36	245.50	6.64	264.00	7.44	300.90	8.76	319.50	9.64	356.40	11.12
	10	171.60	4.25	208.50	5.59	245.50	6.88	264.00	7.67	300.90	8.99	319.50	9.84	356.40	11.29
	14	171.60	4.48	208.50	5.82	245.50	7.13	264.00	7.91	300.90	9.22	319.50	10.04	356.40	11.46
	23	171.60	4.72	208.50	6.06	245.50	7.39	264.00	8.15	300.90	9.46	319.50	10.24	356.40	11.63
	27	171.60	4.96	208.50	6.32	245.50	7.66	264.00	8.41	300.90	9.70	319.50	10.45	356.40	11.81
	32	171.60	5.22	208.50	6.59	245.50	7.93	264.00	8.67	300.90	9.95	319.50	10.66	356.40	11.99
	37	171.60	5.49	208.50	6.86	245.50	8.22	264.00	8.94	300.90	10.20	319.50	10.87	356.40	12.17
	41	171.60	5.77	208.50	7.14	245.50	8.52	264.00	9.21	300.90	10.46	319.50	11.09	356.40	12.35
	46	171.60	5.90	208.50	7.28	245.50	8.65	264.00	9.34	300.90	10.61	319.50	11.25	356.40	12.51
	50	171.60	5.99	208.50	7.37	245.50	8.76	264.00	9.45	300.90	10.74	319.50	11.39	356.40	12.68
	54	171.60	6.08	208.50	7.47	245.50	8.90	264.00	9.62	300.90	10.94	319.50	11.60	356.40	12.94
	57	171.60	6.17	208.50	7.61	245.50	9.07	264.00	9.81	300.90	11.16	319.50	11.85	356.40	13.25
	61	171.60	6.30	208.50	7.78	245.50	9.29	264.00	10.07	300.90	11.46	319.50	12.17	356.40	13.62
	64	171.60	6.44	208.50	7.97	245.50	9.55	264.00	10.36	300.90	11.82	319.50	12.57	356.40	14.12
	68	171.60	6.58	208.50	8.17	245.50	9.86	264.00	10.73	300.90	12.27	319.50	13.06	356.40	14.76
	72	171.60	6.76	208.50	8.48	245.50	10.26	264.00	11.17	300.90	12.83	319.50	13.70	356.40	15.53
	75	171.60	7.07	208.50	8.88	245.50	10.76	264.00	11.73	300.90	13.54	319.50	14.49	356.40	16.49
	79	171.60	7.48	208.50	9.37	245.50	11.39	264.00	12.46	300.90	14.46	319.50	15.51	356.40	17.75
	82	171.60	7.95	208.50	9.97	245.50	12.21	264.00	13.44	300.90	15.66	319.50	16.81	356.40	19.19
	86	171.60	8.47	208.50	10.67	245.50	13.23	264.00	14.67	300.90	16.99	319.50	18.21	355.70	20.70
	90	171.60	8.99	208.50	11.47	245.50	14.36	264.00	15.97	300.90	18.42	319.50	19.72	348.30	21.65
	93	171.60	9.58	208.50	12.39	245.50	15.60	264.00	17.33	300.90	20.02	315.40	20.92	340.10	22.36
	95	171.60	9.92	208.50	12.90	245.50	16.27	264.00	18.18	300.90	20.78	311.40	21.27	336.10	22.73
	99	171.60	10.73	208.50	14.07	245.50	17.80	264.00	19.70	293.00	21.43	303.30	21.93	323.00	23.13
	102	171.60	11.76	208.50	15.44	245.50	19.25	264.00	21.17	285.00	22.06	292.80	22.40	310.00	23.50
	106	171.60	13.07	208.50	16.87	245.50	20.71	255.40	21.63	274.30	22.47	279.90	22.63	296.90	23.28
	111	171.60	15.20	208.50	19.03	234.90	21.61	240.30	22.03	253.90	22.18	260.50	22.22	277.30	22.64
	115	171.60	16.58	208.50	20.47	227.90	22.12	227.40	21.83	240.40	21.91	247.60	21.94	261.30	22.04
	118	171.60	17.92	201.80	21.02	212.20	21.85	210.90	21.36	224.00	21.45	228.20	21.17	237.10	20.62
	120	171.60	18.59	189.50	20.23	197.00	20.74	200.70	20.99	209.20	20.40	213.50	20.13	222.50	19.61
	122	161.30	17.66	178.20	19.22	185.20	19.70	188.70	19.94	196.70	19.38	200.70	19.13	209.10	18.63

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC264S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	154.50	3.64	187.70	4.83	221.00	5.94	237.60	6.65	270.90	7.82	287.50	8.57	320.70	9.86
	10	154.50	3.84	187.70	5.03	221.00	6.15	237.60	6.85	270.90	8.02	287.50	8.74	320.70	10.01
	14	154.50	4.04	187.70	5.24	221.00	6.38	237.60	7.06	270.90	8.22	287.50	8.92	320.70	10.16
	23	154.50	4.25	187.70	5.45	221.00	6.61	237.60	7.28	270.90	8.43	287.50	9.10	320.70	10.31
	27	154.50	4.48	187.70	5.68	221.00	6.85	237.60	7.51	270.90	8.64	287.50	9.28	320.70	10.47
	32	154.50	4.72	187.70	5.92	221.00	7.09	237.60	7.74	270.90	8.86	287.50	9.47	320.70	10.63
	37	154.50	4.96	187.70	6.16	221.00	7.35	237.60	7.98	270.90	9.09	287.50	9.67	320.70	10.80
	41	154.50	5.22	187.70	6.42	221.00	7.62	237.60	8.22	270.90	9.32	287.50	9.87	320.70	10.97
	46	154.50	5.34	187.70	6.55	221.00	7.75	237.60	8.35	270.90	9.46	287.50	10.01	320.70	11.11
	50	154.50	5.43	187.70	6.64	221.00	7.85	237.60	8.46	270.90	9.56	287.50	10.13	320.70	11.24
	54	154.50	5.52	187.70	6.74	221.00	7.97	237.60	8.59	270.90	9.72	287.50	10.28	320.70	11.43
	57	154.50	5.62	187.70	6.85	221.00	8.11	237.60	8.74	270.90	9.91	287.50	10.50	320.70	11.69
	61	154.50	5.73	187.70	7.00	221.00	8.30	237.60	8.95	270.90	10.15	287.50	10.77	320.70	12.00
	64	154.50	5.86	187.70	7.17	221.00	8.52	237.60	9.21	270.90	10.46	287.50	11.09	320.70	12.40
	68	154.50	5.98	187.70	7.35	221.00	8.78	237.60	9.51	270.90	10.83	287.50	11.51	320.70	12.91
	72	154.50	6.14	187.70	7.61	221.00	9.13	237.60	9.90	270.90	11.31	287.50	12.05	320.70	13.58
	75	154.50	6.41	187.70	7.94	221.00	9.54	237.60	10.36	270.90	11.91	287.50	12.70	320.70	14.36
	79	154.50	6.73	187.70	8.36	221.00	10.08	237.60	10.97	270.90	12.63	287.50	13.49	320.70	15.26
	82	154.50	7.12	187.70	8.86	221.00	10.73	237.60	11.71	270.90	13.51	287.50	14.44	320.70	16.40
	86	154.50	7.53	187.70	9.44	221.00	11.54	237.60	12.66	270.90	14.60	287.50	15.60	320.70	17.69
	90	154.50	7.99	187.70	10.11	221.00	12.46	237.60	13.71	270.90	15.77	287.50	16.85	320.70	19.07
	93	154.50	8.51	187.70	10.90	221.00	13.48	237.60	14.85	270.90	17.06	287.50	18.22	320.70	20.50
	95	154.50	8.84	187.70	11.34	221.00	14.05	237.60	15.47	270.90	17.78	287.50	18.91	316.90	20.85
	99	154.50	9.60	187.70	12.37	221.00	15.34	237.60	16.88	270.90	19.17	287.50	20.32	309.30	21.51
	102	154.50	10.58	187.70	13.57	221.00	16.67	237.60	18.26	270.90	20.60	283.00	21.31	301.70	22.24
	106	154.50	11.71	187.70	14.80	221.00	18.04	237.60	19.73	262.60	21.21	274.10	21.90	291.40	22.77
	111	154.50	13.52	187.70	16.86	221.00	20.35	229.90	21.17	249.90	22.07	255.40	22.09	271.90	22.52
	115	154.50	14.85	187.70	18.32	216.80	21.45	221.80	21.72	235.10	21.78	241.00	21.72	256.00	21.99
	118	154.50	16.21	181.70	19.11	198.20	20.71	204.90	21.32	215.50	21.00	221.00	20.86	232.10	20.63
	120	151.80	16.60	169.70	18.39	183.00	19.61	189.70	20.23	200.60	19.95	206.20	19.83	217.60	19.61
	122	142.70	15.77	159.60	17.47	172.00	18.63	178.40	19.22	188.50	18.95	193.80	18.84	204.50	18.63
80	5	137.30	3.14	166.90	4.13	196.40	5.05	211.20	5.64	240.80	6.63	255.50	7.26	285.10	8.34
	10	137.30	3.32	166.90	4.33	196.40	5.26	211.20	5.84	240.80	6.83	255.50	7.44	285.10	8.51
	14	137.30	3.52	166.90	4.53	196.40	5.48	211.20	6.05	240.80	7.04	255.50	7.63	285.10	8.68
	23	137.30	3.72	166.90	4.74	196.40	5.71	211.20	6.27	240.80	7.25	255.50	7.83	285.10	8.86
	27	137.30	3.93	166.90	4.97	196.40	5.95	211.20	6.50	240.80	7.48	255.50	8.03	285.10	9.04
	32	137.30	4.16	166.90	5.20	196.40	6.19	211.20	6.74	240.80	7.71	255.50	8.24	285.10	9.22
	37	137.30	4.40	166.90	5.44	196.40	6.45	211.20	6.98	240.80	7.95	255.50	8.45	285.10	9.40
	41	137.30	4.66	166.90	5.70	196.40	6.72	211.20	7.24	240.80	8.19	255.50	8.66	285.10	9.60
	46	137.30	4.78	166.90	5.81	196.40	6.85	211.20	7.37	240.80	8.31	255.50	8.79	285.10	9.73
	50	137.30	4.87	166.90	5.90	196.40	6.94	211.20	7.45	240.80	8.41	255.50	8.88	285.10	9.83
	54	137.30	4.96	166.90	5.99	196.40	7.04	211.20	7.56	240.80	8.52	255.50	9.00	285.10	9.96
	57	137.30	5.05	166.90	6.11	196.40	7.15	211.20	7.68	240.80	8.66	255.50	9.16	285.10	10.16
	61	137.30	5.16	166.90	6.22	196.40	7.31	211.20	7.85	240.80	8.87	255.50	9.39	285.10	10.42
	64	137.30	5.27	166.90	6.38	196.40	7.49	211.20	8.06	240.80	9.12	255.50	9.67	285.10	10.76
	68	137.30	5.37	166.90	6.54	196.40	7.73	211.20	8.33	240.80	9.44	255.50	10.01	285.10	11.16
	72	137.30	5.51	166.90	6.75	196.40	8.01	211.20	8.65	240.80	9.85	255.50	10.45	285.10	11.71
	75	137.30	5.71	166.90	7.01	196.40	8.36	211.20	9.05	240.80	10.34	255.50	11.01	285.10	12.40
	79	137.30	5.95	166.90	7.35	196.40	8.80	211.20	9.54	240.80	10.95	255.50	11.68	285.10	13.16
	82	137.30	6.24	166.90	7.75	196.40	9.33	211.20	10.13	240.80	11.63	255.50	12.40	285.10	13.96
	86	137.30	6.58	166.90	8.23	196.40	9.93	211.20	10.82	240.80	12.43	255.50	13.27	285.10	14.99
	90	137.30	6.97	166.90	8.76	196.40	10.66	211.20	11.63	240.80	13.37	255.50	14.28	285.10	16.14
	93	137.30	7.42	166.90	9.42	196.40	11.48	211.20	12.54	240.80	14.42	255.50	15.38	285.10	17.35
	95	137.30	7.74	166.90	9.80	196.40	11.95	211.20	13.05	240.80	14.98	255.50	15.98	285.10	17.99
	99	137.30	8.44	166.90	10.69	196.40	13.00	211.20	14.19	240.80	16.20	255.50	17.22	285.10	19.27
	102	137.30	9.33	166.90	11.70	196.40	14.16	211.20	15.42	240.80	17.49	255.50	18.53	285.10	20.62
	106	137.30	10.23	166.90	12.75	196.40	15.41	211.20	16.78	240.80	18.91	255.50	19.97	276.50	21.12
	111	137.30	11.82	166.90	14.69	196.40	17.65	211.20	19.18	237.40	20.97	247.90	21.54	263.70	22.05
	115	137.30	13.06	166.90	16.16	196.40	19.40	211.20	21.05	229.20	21.62	237.20	21.82	247.00	21.45
	118	137.30	14.57	161.70	17.20	183.40	19.48	193.80	20.57	207.00	20.55	213.60	20.57	227.30	20.63
	120	129.70	14.44	149.50	16.49	169.10	18.49	178.70	19.47	192.10	19.50	198.90	19.53	212.70	19.62
	122	121.90	13.72	140.50	15.67	159.00	17.57	168.00	18.49	180.50	18.52	187.00	18.55	200.00	18.64

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC264S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	120.10	2.78	146.00	3.61	171.90	4.41	184.80	4.92	210.70	5.73	223.60	6.27	249.50	7.18
	10	120.10	2.94	146.00	3.78	171.90	4.60	184.80	5.10	210.70	5.90	223.60	6.43	249.50	7.32
	14	120.10	3.11	146.00	3.96	171.90	4.79	184.80	5.29	210.70	6.08	223.60	6.60	249.50	7.47
	23	120.10	3.29	146.00	4.15	171.90	4.99	184.80	5.48	210.70	6.27	223.60	6.77	249.50	7.62
	27	120.10	3.48	146.00	4.35	171.90	5.20	184.80	5.68	210.70	6.47	223.60	6.94	249.50	7.77
	32	120.10	3.68	146.00	4.55	171.90	5.41	184.80	5.88	210.70	6.67	223.60	7.12	249.50	7.93
	37	120.10	3.89	146.00	4.76	171.90	5.64	184.80	6.09	210.70	6.88	223.60	7.30	249.50	8.10
	41	120.10	4.12	146.00	4.99	171.90	5.87	184.80	6.31	210.70	7.09	223.60	7.48	249.50	8.27
	46	120.10	4.22	146.00	5.09	171.90	5.98	184.80	6.41	210.70	7.20	223.60	7.59	249.50	8.38
	50	120.10	4.30	146.00	5.18	171.90	6.06	184.80	6.50	210.70	7.29	223.60	7.68	249.50	8.47
	54	120.10	4.38	146.00	5.26	171.90	6.14	184.80	6.59	210.70	7.38	223.60	7.78	249.50	8.57
	57	120.10	4.45	146.00	5.34	171.90	6.24	184.80	6.69	210.70	7.49	223.60	7.90	249.50	8.72
	61	120.10	4.54	146.00	5.44	171.90	6.36	184.80	6.82	210.70	7.66	223.60	8.07	249.50	8.93
	64	120.10	4.64	146.00	5.58	171.90	6.52	184.80	6.99	210.70	7.87	223.60	8.31	249.50	9.20
	68	120.10	4.74	146.00	5.71	171.90	6.70	184.80	7.20	210.70	8.12	223.60	8.59	249.50	9.53
	72	120.10	4.83	146.00	5.87	171.90	6.93	184.80	7.46	210.70	8.44	223.60	8.94	249.50	9.96
	75	120.10	4.97	146.00	6.09	171.90	7.21	184.80	7.79	210.70	8.85	223.60	9.40	249.50	10.52
	79	120.10	5.14	146.00	6.34	171.90	7.56	184.80	8.18	210.70	9.35	223.60	9.95	249.50	11.18
	82	120.10	5.35	146.00	6.66	171.90	7.98	184.80	8.66	210.70	9.91	223.60	10.56	249.50	11.86
	86	120.10	5.60	146.00	7.01	171.90	8.44	184.80	9.16	210.70	10.51	223.60	11.20	249.50	12.60
	90	120.10	5.92	146.00	7.43	171.90	8.98	184.80	9.77	210.70	11.23	223.60	11.99	249.50	13.55
	93	120.10	6.29	146.00	7.95	171.90	9.63	184.80	10.48	210.70	12.08	223.60	12.90	249.50	14.58
	95	120.10	6.56	146.00	8.26	171.90	10.00	184.80	10.89	210.70	12.56	223.60	13.40	249.50	15.12
	99	120.10	7.15	146.00	9.00	171.90	10.87	184.80	11.82	210.70	13.57	223.60	14.45	249.50	16.24
	102	120.10	7.93	146.00	9.87	171.90	11.86	184.80	12.88	210.70	14.71	223.60	15.62	249.50	17.45
	106	120.10	8.67	146.00	10.79	171.90	12.98	184.80	14.10	210.70	15.96	223.60	16.88	249.50	18.72
	111	120.10	10.01	146.00	12.47	171.90	14.98	184.80	16.25	210.70	18.10	223.60	19.02	249.50	20.86
	115	120.10	11.21	146.00	13.86	171.90	16.58	184.80	17.95	210.50	19.79	222.20	20.60	239.40	21.39
	118	120.10	12.76	142.90	15.38	166.50	18.03	178.50	19.36	194.20	19.80	201.70	19.98	216.60	20.25
	120	110.90	13.11	132.30	15.32	154.00	17.55	165.00	18.68	179.60	18.89	187.00	19.00	202.00	19.25
	122	104.30	12.45	124.40	14.56	144.70	16.67	155.10	17.75	168.80	17.94	175.80	18.05	189.90	18.29
60	5	102.90	2.33	125.10	3.02	147.30	3.66	158.40	4.08	180.60	4.55	191.70	4.77	213.90	5.24
	10	102.90	2.47	125.10	3.18	147.30	3.83	158.40	4.25	180.60	4.74	191.70	4.97	213.90	5.45
	14	102.90	2.63	125.10	3.35	147.30	4.01	158.40	4.42	180.60	4.94	191.70	5.18	213.90	5.68
	23	102.90	2.80	125.10	3.52	147.30	4.20	158.40	4.61	180.60	5.14	191.70	5.39	213.90	5.92
	27	102.90	2.98	125.10	3.71	147.30	4.40	158.40	4.80	180.60	5.35	191.70	5.62	213.90	6.16
	32	102.90	3.17	125.10	3.91	147.30	4.61	158.40	5.00	180.60	5.58	191.70	5.86	213.90	6.41
	37	102.90	3.37	125.10	4.11	147.30	4.83	158.40	5.21	180.60	5.81	191.70	6.10	213.90	6.68
	41	102.90	3.58	125.10	4.32	147.30	5.06	158.40	5.43	180.60	6.05	191.70	6.35	213.90	6.96
	46	102.90	3.66	125.10	4.40	147.30	5.14	158.40	5.52	180.60	6.13	191.70	6.45	213.90	7.07
	50	102.90	3.72	125.10	4.47	147.30	5.22	158.40	5.59	180.60	6.21	191.70	6.53	213.90	7.14
	54	102.90	3.78	125.10	4.53	147.30	5.29	158.40	5.66	180.60	6.29	191.70	6.61	213.90	7.24
	57	102.90	3.83	125.10	4.60	147.30	5.36	158.40	5.75	180.60	6.39	191.70	6.71	213.90	7.35
	61	102.90	3.90	125.10	4.67	147.30	5.46	158.40	5.85	180.60	6.50	191.70	6.84	213.90	7.51
	64	102.90	3.98	125.10	4.78	147.30	5.59	158.40	5.99	180.60	6.67	191.70	7.02	213.90	7.71
	68	102.90	4.07	125.10	4.90	147.30	5.73	158.40	6.14	180.60	6.87	191.70	7.24	213.90	7.99
	72	102.90	4.15	125.10	5.01	147.30	5.89	158.40	6.34	180.60	7.12	191.70	7.51	213.90	8.31
	75	102.90	4.24	125.10	5.17	147.30	6.12	158.40	6.59	180.60	7.44	191.70	7.87	213.90	8.73
	79	102.90	4.35	125.10	5.35	147.30	6.38	158.40	6.90	180.60	7.82	191.70	8.29	213.90	9.26
	82	102.90	4.50	125.10	5.58	147.30	6.70	158.40	7.26	180.60	8.27	191.70	8.79	213.90	9.84
	86	102.90	4.68	125.10	5.86	147.30	7.04	158.40	7.64	180.60	8.74	191.70	9.29	213.90	10.44
	90	102.90	4.94	125.10	6.17	147.30	7.44	158.40	8.08	180.60	9.28	191.70	9.90	213.90	11.17
	93	102.90	5.18	125.10	6.54	147.30	7.91	158.40	8.60	180.60	9.94	191.70	10.63	213.90	12.02
	95	102.90	5.40	125.10	6.79	147.30	8.21	158.40	8.94	180.60	10.34	191.70	11.04	213.90	12.48
	99	102.90	5.83	125.10	7.37	147.30	8.95	158.40	9.75	180.60	11.23	191.70	11.97	213.90	13.49
	102	102.90	6.47	125.10	8.11	147.30	9.79	158.40	10.63	180.60	12.20	191.70	12.98	213.90	14.56
	106	102.90	7.13	125.10	8.93	147.30	10.78	158.40	11.74	180.60	13.34	191.70	14.13	213.90	15.71
	111	102.90	8.28	125.10	10.37	147.30	12.52	158.40	13.61	180.60	15.18	191.70	15.95	213.90	17.49
	115	102.90	9.24	125.10	11.52	147.30	13.83	158.40	14.99	180.60	16.55	191.70	17.32	213.90	18.81
	118	102.90	10.69	124.60	13.09	146.90	15.49	158.40	16.69	175.50	17.99	183.70	18.51	200.00	19.30
	120	97.50	11.58	117.40	13.88	137.90	16.20	148.40	17.36	163.10	17.88	170.50	18.12	185.50	18.52
	122	91.70	11.00	110.30	13.18	129.60	15.39	139.50	16.49	153.30	16.99	160.20	17.22	174.40	17.59

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC264S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	85.80	1.97	104.30	2.56	122.70	3.08	132.00	3.43	150.50	3.76	159.70	3.92	178.20	4.25
	10	85.80	2.10	104.30	2.69	122.70	3.22	132.00	3.57	150.50	3.92	159.70	4.09	178.20	4.43
	14	85.80	2.23	104.30	2.83	122.70	3.38	132.00	3.71	150.50	4.08	159.70	4.26	178.20	4.61
	23	85.80	2.37	104.30	2.97	122.70	3.54	132.00	3.87	150.50	4.25	159.70	4.43	178.20	4.81
	27	85.80	2.53	104.30	3.13	122.70	3.71	132.00	4.03	150.50	4.42	159.70	4.61	178.20	5.01
	32	85.80	2.69	104.30	3.29	122.70	3.88	132.00	4.20	150.50	4.60	159.70	4.81	178.20	5.22
	37	85.80	2.86	104.30	3.46	122.70	4.06	132.00	4.37	150.50	4.80	159.70	5.01	178.20	5.43
	41	85.80	3.04	104.30	3.64	122.70	4.25	132.00	4.55	150.50	5.00	159.70	5.22	178.20	5.66
	46	85.80	3.11	104.30	3.72	122.70	4.32	132.00	4.62	150.50	5.08	159.70	5.30	178.20	5.76
	50	85.80	3.15	104.30	3.76	122.70	4.37	132.00	4.68	150.50	5.13	159.70	5.37	178.20	5.83
	54	85.80	3.19	104.30	3.80	122.70	4.43	132.00	4.75	150.50	5.22	159.70	5.45	178.20	5.92
	57	85.80	3.21	104.30	3.86	122.70	4.50	132.00	4.82	150.50	5.29	159.70	5.53	178.20	6.00
	61	85.80	3.26	104.30	3.91	122.70	4.57	132.00	4.90	150.50	5.39	159.70	5.63	178.20	6.11
	64	85.80	3.33	104.30	4.00	122.70	4.66	132.00	4.99	150.50	5.50	159.70	5.74	178.20	6.25
	68	85.80	3.41	104.30	4.09	122.70	4.77	132.00	5.10	150.50	5.65	159.70	5.93	178.20	6.48
	72	85.80	3.48	104.30	4.18	122.70	4.89	132.00	5.24	150.50	5.85	159.70	6.14	178.20	6.75
	75	85.80	3.53	104.30	4.28	122.70	5.04	132.00	5.42	150.50	6.07	159.70	6.39	178.20	7.04
	79	85.80	3.61	104.30	4.43	122.70	5.26	132.00	5.67	150.50	6.37	159.70	6.73	178.20	7.44
	82	85.80	3.68	104.30	4.57	122.70	5.48	132.00	5.94	150.50	6.71	159.70	7.10	178.20	7.90
	86	85.80	3.80	104.30	4.77	122.70	5.73	132.00	6.22	150.50	7.07	159.70	7.51	178.20	8.40
	90	85.80	3.99	104.30	4.99	122.70	6.00	132.00	6.51	150.50	7.46	159.70	7.96	178.20	8.96
	93	85.80	4.17	104.30	5.23	122.70	6.32	132.00	6.87	150.50	7.95	159.70	8.50	178.20	9.63
	95	85.80	4.29	104.30	5.40	122.70	6.52	132.00	7.07	150.50	8.23	159.70	8.82	178.20	9.99
	99	85.80	4.66	104.30	5.87	122.70	7.11	132.00	7.76	150.50	8.99	159.70	9.60	178.20	10.85
	102	85.80	5.09	104.30	6.46	122.70	7.84	132.00	8.54	150.50	9.83	159.70	10.48	178.20	11.78
	106	85.80	5.72	104.30	7.16	122.70	8.66	132.00	9.45	150.50	10.81	159.70	11.48	178.20	12.83
	111	85.80	6.71	104.30	8.45	122.70	10.25	132.00	11.17	150.50	12.49	159.70	13.14	178.20	14.45
	115	85.80	7.49	104.30	9.39	122.70	11.33	132.00	12.33	150.50	13.62	159.70	14.27	178.20	15.52
	118	85.80	8.49	104.30	10.60	122.70	12.65	132.00	13.65	150.50	14.90	159.70	15.50	178.20	16.64
	120	85.80	9.41	104.30	11.48	122.70	13.49	132.00	14.48	145.40	15.65	152.90	16.20	168.90	17.25
	122	85.80	10.07	104.30	12.28	122.70	14.43	132.00	15.49	145.40	16.75	145.20	15.87	160.50	16.91

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC264S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	232.10	24.82	226.80	26.07	224.10	26.85	221.40	27.32	215.20	28.88	209.00	30.27
	-17.8	-18.0	248.30	25.75	243.00	27.00	240.20	27.77	237.50	28.24	231.30	29.80	225.20	31.20
	-12.6	-13.0	272.60	27.14	267.10	28.39	264.40	29.17	261.70	29.64	255.60	31.20	245.80	32.30
	-7.1	-7.6	296.70	28.53	291.30	29.79	288.70	30.56	285.10	31.03	275.10	32.30	265.10	33.26
	-3.6	-4.0	312.90	29.47	306.10	30.71	302.90	31.35	298.00	31.67	288.10	32.94	278.10	33.89
	-1.8	-2.2	321.00	29.93	312.60	31.03	309.40	31.67	304.40	31.98	294.50	33.26	282.60	34.21
	2.0	1.0	335.30	30.71	325.40	31.67	322.30	32.30	317.40	32.62	307.40	33.89	288.40	34.21
	6.0	5.0	354.60	31.67	344.80	32.62	341.60	33.26	336.80	33.57	319.20	34.21	297.00	34.21
	10.0	9.0	367.50	32.30	357.80	33.26	354.50	33.89	346.10	34.21	325.00	34.21	302.60	34.21
	13.0	12.0	374.00	32.62	364.20	33.57	359.60	34.21	349.00	34.21	327.80	34.21	305.60	34.21
	17.0	15.0	393.40	33.57	377.20	34.21	368.20	34.21	357.60	34.21	336.40	34.21	314.10	33.86
	19.0	18.0	399.80	33.89	380.00	34.21	371.10	34.21	360.50	34.21	339.30	34.21	315.20	33.33
	23.0	21.0	405.90	34.21	385.80	34.21	376.80	34.21	366.20	34.21	345.00	33.97	317.50	32.35
	26.0	24.0	411.70	34.21	391.50	34.21	382.60	34.21	371.90	34.21	347.30	32.94	319.80	31.45
	30.0	28.0	417.30	34.21	397.20	34.21	388.30	34.15	375.90	33.45	349.60	32.01	322.00	30.65
	35.0	32.0	425.90	34.21	404.00	33.26	391.70	32.65	379.30	32.04	353.00	30.77	324.30	28.54
	39.0	36.0	430.00	33.52	406.30	32.32	393.90	31.76	381.60	31.20	355.20	30.01	324.30	26.54
	44.0	40.0	432.30	32.58	408.60	31.48	396.20	30.97	383.80	30.46	355.20	27.93	324.30	24.76
	47.0	43.0	433.40	32.14	409.70	31.09	397.30	30.60	385.00	30.11	355.20	26.97	324.30	23.93
	51.0	47.0	435.70	31.35	412.00	30.39	399.60	29.61	386.10	28.20	355.20	25.26	324.30	22.46
	54.0	50.0	437.90	30.64	413.10	29.04	399.60	27.73	386.10	26.42	355.20	23.72	324.30	21.16
	57.0	53.0	440.20	28.88	413.10	26.44	399.60	25.27	386.10	24.14	355.20	21.76	324.30	19.48
	60.0	56.0	440.20	27.19	413.10	24.94	399.60	23.88	386.10	22.82	355.20	20.64	324.30	18.53
120	-21.8	-22.0	225.40	26.24	220.50	27.48	217.90	27.95	215.40	28.41	209.80	29.66	204.00	30.91
	-17.8	-18.0	241.60	27.17	236.50	28.41	234.00	28.88	231.50	29.35	225.90	30.59	220.20	31.83
	-12.6	-13.0	265.80	28.56	260.80	29.80	258.30	30.27	255.80	30.74	249.30	31.98	240.50	32.94
	-7.1	-7.6	290.00	29.95	285.00	31.20	281.90	31.67	277.50	31.98	268.70	32.94	259.80	33.89
	-3.6	-4.0	306.10	30.88	299.10	31.98	294.70	32.30	290.30	32.62	281.50	33.57	266.20	34.21
	-1.8	-2.2	312.60	31.35	305.60	32.30	301.10	32.62	296.80	32.94	288.00	33.89	269.20	34.21
	2.0	1.0	325.60	31.98	318.50	32.94	314.10	33.26	309.70	33.57	294.80	34.21	274.80	34.21
	6.0	5.0	344.90	32.94	337.90	33.89	331.80	34.21	323.30	34.21	303.40	34.21	283.40	34.21
	10.0	9.0	357.80	33.57	347.10	34.21	337.50	34.21	329.00	34.21	309.10	34.21	289.20	33.77
	13.0	12.0	364.30	33.89	350.00	34.21	340.40	34.21	331.90	34.21	312.00	34.21	290.30	33.24
	17.0	15.0	374.90	34.21	358.60	34.21	349.00	34.21	340.40	34.21	318.80	33.35	293.70	31.78
	19.0	18.0	377.80	34.21	361.40	34.21	351.80	34.21	343.40	34.21	319.90	32.84	294.90	31.34
	23.0	21.0	383.50	34.21	367.10	34.21	357.50	34.05	347.30	33.35	322.20	31.90	297.10	30.52
	26.0	24.0	389.20	34.21	371.20	33.66	359.80	33.01	349.60	32.37	324.50	31.04	299.40	29.24
	30.0	28.0	394.90	33.93	373.40	32.66	362.00	32.06	351.90	31.48	326.70	30.26	299.40	27.08
	35.0	32.0	398.30	32.45	376.80	31.34	365.40	30.81	355.30	30.30	327.90	27.43	299.40	24.22
	39.0	36.0	400.60	31.58	379.10	30.56	367.70	30.08	356.40	28.63	327.90	25.51	299.40	22.56
	44.0	40.0	402.80	30.79	381.40	29.41	368.80	28.01	356.40	26.64	327.90	23.78	299.40	21.07
	47.0	43.0	404.00	30.43	381.40	28.38	368.80	27.04	356.40	25.72	327.90	22.98	299.40	20.39
	51.0	47.0	406.30	29.11	381.40	26.52	368.80	25.30	356.40	24.08	327.90	21.56	299.40	19.17
	54.0	50.0	406.30	27.24	381.40	24.87	368.80	23.74	356.40	22.61	327.90	20.30	299.40	18.09
	57.0	53.0	406.30	24.83	381.40	22.72	368.80	21.73	356.40	20.73	327.90	18.69	299.40	16.72
	60.0	56.0	406.30	23.45	381.40	21.50	368.80	20.58	356.40	19.64	327.90	17.76	299.40	15.94
110	-21.8	-22.0	218.60	27.48	214.00	28.59	211.80	29.05	209.50	29.51	204.30	30.76	192.20	30.94
	-17.8	-18.0	234.80	28.41	230.20	29.51	227.90	29.98	225.70	30.44	220.40	31.69	208.40	31.86
	-12.6	-13.0	259.00	29.80	254.40	30.91	252.20	31.38	249.80	31.83	242.80	32.94	232.60	33.26
	-7.1	-7.6	283.20	31.20	277.50	32.30	273.70	32.62	269.80	32.94	262.10	33.89	248.80	34.21
	-3.6	-4.0	296.50	31.98	290.50	32.94	286.60	33.26	282.70	33.57	270.30	34.21	254.50	34.21
	-1.8	-2.2	302.90	32.30	296.90	33.26	293.00	33.57	289.10	33.89	273.20	34.21	257.30	34.21
	2.0	1.0	315.90	32.94	309.80	33.89	305.00	34.21	296.50	34.21	278.90	34.21	263.10	34.21
	6.0	5.0	335.20	33.89	321.10	34.21	313.60	34.21	305.10	34.21	287.50	34.21	266.50	32.62
	10.0	9.0	342.20	34.21	326.80	34.21	319.40	34.21	310.70	34.21	291.50	33.23	268.80	31.67
	13.0	12.0	345.10	34.21	329.60	34.21	322.20	34.21	313.70	34.21	292.60	32.72	269.90	31.23
	17.0	15.0	353.60	34.21	338.20	34.10	329.10	33.41	318.80	32.75	296.00	31.33	273.30	30.01
	19.0	18.0	356.50	34.21	339.30	33.56	330.20	32.90	319.90	32.27	297.20	30.91	274.40	28.91
	23.0	21.0	362.20	33.82	341.60	32.55	332.50	31.94	322.20	31.37	299.40	30.12	274.40	26.71
	26.0	24.0	364.50	32.80	343.90	31.63	334.80	31.08	324.40	30.55	300.60	28.05	274.40	24.72
	30.0	28.0	366.70	31.87	346.10	30.80	337.00	30.29	326.70	29.28	300.60	25.98	274.40	22.91
	35.0	32.0	370.10	30.64	349.60	28.93	338.20	27.51	326.70	26.14	300.60	23.24	274.40	20.53
	39.0	36.0	372.40	29.60	349.60	26.86	338.20	25.56	326.70	24.30	300.60	21.65	274.40	19.14
	44.0	40.0	372.40	27.52	349.60	25.02	338.20	23.82	326.70	22.66	300.60	20.21	274.40	17.91
	47.0	43.0	372.40	26.56	349.60	24.16	338.20	23.01	326.70	21.90	300.60	19.56	274.40	17.35
	51.0	47.0	372.40	24.83	349.60	22.62	338.20	21.57	326.70	20.55	300.60	18.39	274.40	16.34
	54.0	50.0	372.40	23.31	349.60	21.27	338.20	20.29	326.70	19.35	300.60	17.36	274.40	15.46
	57.0	53.0	372.40	21.32	349.60	19.52	338.20	18.64	326.70	17.80	300.60	16.03	274.40	14.32
	60.0	56.0	372.40	20.19	349.60	18.52	338.20	17.71	326.70	16.93	300.60	15.29	274.40	13.69

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC264S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	211.80	29.05	207.70	29.83	205.70	30.15	203.50	30.71	191.70	30.79	179.80	30.95
	-17.8	-18.0	228.00	29.98	223.80	30.76	221.80	31.08	219.70	31.64	207.80	31.71	196.00	31.89
	-12.6	-13.0	252.20	31.38	248.10	32.15	246.00	32.47	244.00	33.04	232.00	33.11	220.10	33.28
	-7.1	-7.6	273.90	32.62	268.90	33.26	265.50	33.57	263.80	34.01	251.50	34.21	236.40	34.21
	-3.6	-4.0	286.80	33.26	281.70	33.89	277.20	34.21	272.50	34.21	257.30	34.21	240.40	33.50
	-1.8	-2.2	293.20	33.57	287.60	34.21	280.00	34.21	275.40	34.21	260.10	34.21	241.50	32.97
	2.0	1.0	305.50	34.21	293.30	34.21	285.80	34.21	281.00	34.21	264.20	33.61	243.80	31.99
	6.0	5.0	314.10	34.21	301.90	34.21	294.40	34.21	287.90	33.61	267.60	32.09	247.20	30.66
	10.0	9.0	319.80	34.21	307.60	33.92	298.30	33.26	290.20	32.58	269.90	31.18	249.50	29.70
	13.0	12.0	322.70	34.21	308.80	33.38	299.50	32.75	291.30	32.09	271.00	30.76	249.50	28.51
	17.0	15.0	329.50	33.14	312.20	31.91	302.90	31.35	294.70	30.77	273.30	28.75	249.50	25.26
	19.0	18.0	330.60	32.64	313.30	31.46	304.00	30.92	295.90	30.37	273.30	27.61	249.50	24.28
	23.0	21.0	332.90	31.71	315.60	30.62	306.30	30.13	297.00	28.81	273.30	25.51	249.50	22.45
	26.0	24.0	335.20	30.86	317.80	29.53	307.40	28.08	297.00	26.64	273.30	23.61	249.50	20.79
	30.0	28.0	337.40	30.09	317.80	27.33	307.40	26.00	297.00	24.66	273.30	21.88	249.50	19.29
	35.0	32.0	338.60	26.95	317.80	24.42	307.40	23.24	297.00	22.07	273.30	19.62	249.50	17.34
	39.0	36.0	338.60	25.04	317.80	22.71	307.40	21.63	297.00	20.55	273.30	18.30	249.50	16.19
	44.0	40.0	338.60	23.32	317.80	21.19	307.40	20.20	297.00	19.20	273.30	17.13	249.50	15.18
	47.0	43.0	338.60	22.54	317.80	20.49	307.40	19.53	297.00	18.58	273.30	16.59	249.50	14.72
	51.0	47.0	338.60	21.13	317.80	19.24	307.40	18.36	297.00	17.47	273.30	15.64	249.50	13.90
	54.0	50.0	338.60	19.87	317.80	18.13	307.40	17.30	297.00	16.49	273.30	14.78	249.50	13.18
	57.0	53.0	338.60	18.26	317.80	16.71	307.40	15.97	297.00	15.24	273.30	13.71	249.50	12.26
	60.0	56.0	338.60	17.34	317.80	15.90	307.40	15.21	297.00	14.53	273.30	13.11	249.50	11.74
90	-21.8	-22.0	205.10	30.30	198.00	30.47	193.40	30.79	188.70	30.79	178.00	30.95	167.30	30.13
	-17.8	-18.0	221.30	31.23	214.20	31.39	209.50	31.71	204.80	31.71	194.10	31.89	183.40	31.06
	-12.6	-13.0	244.80	32.62	238.50	32.79	233.80	33.11	229.10	33.11	218.40	33.28	207.70	32.45
	-7.1	-7.6	264.20	33.57	258.00	33.89	252.20	34.21	245.70	34.21	232.90	34.21	216.60	32.56
	-3.6	-4.0	274.50	34.21	264.40	34.21	257.80	34.21	251.30	34.21	236.80	33.16	218.90	31.61
	-1.8	-2.2	277.30	34.21	267.20	34.21	260.70	34.21	254.30	34.21	238.00	32.65	220.00	31.16
	2.0	1.0	283.10	34.21	273.00	34.21	266.40	33.89	258.20	33.16	240.20	31.69	222.30	30.32
	6.0	5.0	291.70	34.21	278.10	32.96	269.80	32.34	261.60	31.69	243.60	30.40	224.60	27.57
	10.0	9.0	295.60	33.22	280.30	31.98	272.10	31.41	263.90	30.82	245.90	28.91	224.60	25.41
	13.0	12.0	296.80	32.71	281.50	31.52	273.20	30.97	265.00	30.41	245.90	27.76	224.60	24.40
	17.0	15.0	300.20	31.31	284.90	30.27	276.70	29.34	267.30	27.80	245.90	24.60	224.60	21.64
	19.0	18.0	301.30	30.89	286.00	29.66	276.70	28.18	267.30	26.71	245.90	23.64	224.60	20.80
	23.0	21.0	303.60	30.10	286.00	27.39	276.70	26.03	267.30	24.68	245.90	21.86	224.60	19.25
	26.0	24.0	304.70	28.00	286.00	25.33	276.70	24.08	267.30	22.84	245.90	20.25	224.60	17.85
	30.0	28.0	304.70	25.93	286.00	23.47	276.70	22.32	267.30	21.18	245.90	18.80	224.60	16.59
	35.0	32.0	304.70	23.18	286.00	21.02	276.70	20.00	267.30	19.00	245.90	16.89	224.60	14.93
	39.0	36.0	304.70	21.59	286.00	19.59	276.70	18.65	267.30	17.73	245.90	15.79	224.60	13.98
	44.0	40.0	304.70	20.15	286.00	18.31	276.70	17.45	267.30	16.60	245.90	14.81	224.60	13.13
	47.0	43.0	304.70	19.50	286.00	17.73	276.70	16.90	267.30	16.08	245.90	14.36	224.60	12.74
	51.0	47.0	304.70	18.33	286.00	16.69	276.70	15.92	267.30	15.16	245.90	13.57	224.60	12.05
	54.0	50.0	304.70	17.30	286.00	15.77	276.70	15.05	267.30	14.35	245.90	12.86	224.60	11.46
	57.0	53.0	304.70	15.97	286.00	14.59	276.70	13.95	267.30	13.31	245.90	11.98	224.60	10.69
	60.0	56.0	304.70	15.22	286.00	13.93	276.70	13.33	267.30	12.73	245.90	11.48	224.60	10.26
80	-21.8	-22.0	190.50	30.94	182.10	31.10	178.00	30.95	173.80	30.21	164.40	29.67	154.80	29.10
	-17.8	-18.0	206.70	31.86	198.30	32.03	194.10	31.89	190.00	31.14	180.50	30.60	171.00	30.04
	-12.6	-13.0	230.10	33.26	222.50	33.42	218.40	33.28	214.30	32.53	204.70	31.99	193.70	31.43
	-7.1	-7.6	246.40	34.21	238.30	34.21	232.90	34.21	228.50	33.61	211.80	32.11	197.30	30.70
	-3.6	-4.0	252.10	34.21	244.10	33.95	236.80	33.24	230.80	32.58	214.10	31.20	199.60	29.84
	-1.8	-2.2	254.90	34.21	245.20	33.40	238.00	32.73	231.90	32.09	215.20	30.77	199.60	28.63
	2.0	1.0	260.70	33.66	247.50	32.39	240.20	31.77	234.20	31.18	217.50	29.96	199.60	26.35
	6.0	5.0	264.10	32.13	250.90	31.01	243.60	30.47	237.60	29.95	218.60	26.52	199.60	23.30
	10.0	9.0	266.30	31.22	253.10	30.19	245.90	29.11	237.60	27.58	218.60	24.44	199.60	21.48
	13.0	12.0	267.50	30.80	254.30	29.46	245.90	27.95	237.60	26.49	218.60	23.48	199.60	20.63
	17.0	15.0	270.90	28.90	254.30	26.10	245.90	24.77	237.60	23.48	218.60	20.82	199.60	18.31
	19.0	18.0	270.90	27.77	254.30	25.09	245.90	23.81	237.60	22.57	218.60	20.02	199.60	17.62
	23.0	21.0	270.90	25.65	254.30	23.19	245.90	22.01	237.60	20.88	218.60	18.53	199.60	16.32
	26.0	24.0	270.90	23.74	254.30	21.47	245.90	20.39	237.60	19.34	218.60	17.19	199.60	15.15
	30.0	28.0	270.90	22.01	254.30	19.92	245.90	18.93	237.60	17.97	218.60	15.98	199.60	14.10
	35.0	32.0	270.90	19.73	254.30	17.89	245.90	17.02	237.60	16.16	218.60	14.40	199.60	12.73
	39.0	36.0	270.90	18.41	254.30	16.71	245.90	15.90	237.60	15.12	218.60	13.48	199.60	11.93
	44.0	40.0	270.90	17.23	254.30	15.66	245.90	14.91	237.60	14.18	218.60	12.67	199.60	11.23
	47.0	43.0	270.90	16.69	254.30	15.18	245.90	14.46	237.60	13.76	218.60	12.30	199.60	10.91
	51.0	47.0	270.90	15.73	254.30	14.33	245.90	13.66	237.60	13.01	218.60	11.65	199.60	10.35
	54.0	50.0	270.90	14.89	254.30	13.58	245.90	12.96	237.60	12.35	218.60	11.07	199.60	9.86
	57.0	53.0	270.90	13.80	254.30	12.63	245.90	12.05	237.60	11.51	218.60	10.34	199.60	9.23
	60.0	56.0	270.90	13.19	254.30	12.08	245.90	11.55	237.60	11.04	218.60	9.94	199.60	8.88

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC264S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	173.50	31.27	166.30	30.19	162.60	30.19	159.00	29.84	150.70	29.09	142.40	28.62
	-17.8	-18.0	189.70	32.21	182.50	31.13	178.70	31.12	175.10	30.77	166.80	30.02	158.50	29.54
	-12.6	-13.0	213.90	33.60	206.60	32.52	203.00	32.51	198.40	32.16	186.80	31.41	173.50	30.08
	-7.1	-7.6	226.80	33.91	214.50	32.62	209.60	32.00	203.40	31.38	190.20	30.15	174.60	26.95
	-3.6	-4.0	229.10	32.85	216.80	31.67	211.80	31.09	205.60	30.52	191.30	28.21	174.60	24.80
	-1.8	-2.2	230.20	32.36	217.90	31.22	213.00	30.66	206.80	30.12	191.30	27.07	174.60	23.80
	2.0	1.0	232.50	31.42	220.20	30.37	215.20	29.74	207.90	28.16	191.30	24.92	174.60	21.92
	6.0	5.0	235.90	30.16	222.50	27.69	215.20	26.29	207.90	24.90	191.30	22.03	174.60	19.38
	10.0	9.0	237.00	28.23	222.50	25.51	215.20	24.22	207.90	22.95	191.30	20.31	174.60	17.88
	13.0	12.0	237.00	27.10	222.50	24.50	215.20	23.26	207.90	22.04	191.30	19.51	174.60	17.18
	17.0	15.0	237.00	24.02	222.50	21.73	215.20	20.64	207.90	19.56	191.30	17.34	174.60	15.27
	19.0	18.0	237.00	23.10	222.50	20.90	215.20	19.84	207.90	18.81	191.30	16.67	174.60	14.69
	23.0	21.0	237.00	21.36	222.50	19.33	215.20	18.37	207.90	17.42	191.30	15.45	174.60	13.62
	26.0	24.0	237.00	19.79	222.50	17.93	215.20	17.04	207.90	16.17	191.30	14.35	174.60	12.66
	30.0	28.0	237.00	18.39	222.50	16.67	215.20	15.84	207.90	15.04	191.30	13.36	174.60	11.80
	35.0	32.0	237.00	16.54	222.50	15.01	215.20	14.28	207.90	13.57	191.30	12.07	174.60	10.68
	39.0	36.0	237.00	15.47	222.50	14.05	215.20	13.37	207.90	12.71	191.30	11.33	174.60	10.03
	44.0	40.0	237.00	14.51	222.50	13.20	215.20	12.56	207.90	11.96	191.30	10.67	174.60	9.46
	47.0	43.0	237.00	14.08	222.50	12.81	215.20	12.20	207.90	11.61	191.30	10.37	174.60	9.20
	51.0	47.0	237.00	13.31	222.50	12.12	215.20	11.55	207.90	11.01	191.30	9.84	174.60	8.74
	54.0	50.0	237.00	12.64	222.50	11.53	215.20	10.99	207.90	10.47	191.30	9.38	174.60	8.34
	57.0	53.0	237.00	11.77	222.50	10.76	215.20	10.26	207.90	9.80	191.30	8.80	174.60	7.84
	60.0	56.0	237.00	11.29	222.50	10.33	215.20	9.86	207.90	9.42	191.30	8.47	174.60	7.56
60	-21.8	-22.0	156.70	29.87	150.40	29.61	147.30	29.05	144.10	29.06	137.00	27.57	129.90	25.54
	-17.8	-18.0	172.70	30.80	166.50	30.53	163.40	29.97	160.30	29.99	153.10	28.50	146.00	26.46
	-12.6	-13.0	194.40	32.19	185.00	31.61	181.10	31.05	175.90	30.50	163.90	28.23	149.70	24.80
	-7.1	-7.6	198.60	31.41	188.40	30.32	184.50	29.71	178.20	28.14	163.90	24.94	149.70	21.90
	-3.6	-4.0	200.90	30.55	190.60	28.81	184.50	27.36	178.20	25.91	163.90	22.96	149.70	20.17
	-1.8	-2.2	202.00	30.14	190.60	27.65	184.50	26.24	178.20	24.86	163.90	22.03	149.70	19.34
	2.0	1.0	203.20	28.22	190.60	25.45	184.50	24.17	178.20	22.89	163.90	20.29	149.70	17.82
	6.0	5.0	203.20	24.94	190.60	22.50	184.50	21.37	178.20	20.24	163.90	17.95	149.70	15.77
	10.0	9.0	203.20	22.99	190.60	20.75	184.50	19.71	178.20	18.67	163.90	16.56	149.70	14.56
	13.0	12.0	203.20	22.08	190.60	19.94	184.50	18.93	178.20	17.94	163.90	15.92	149.70	13.99
	17.0	15.0	203.20	19.60	190.60	17.71	184.50	16.81	178.20	15.94	163.90	14.16	149.70	12.45
	19.0	18.0	203.20	18.85	190.60	17.03	184.50	16.18	178.20	15.35	163.90	13.62	149.70	11.99
	23.0	21.0	203.20	17.46	190.60	15.79	184.50	14.99	178.20	14.22	163.90	12.64	149.70	11.14
	26.0	24.0	203.20	16.21	190.60	14.66	184.50	13.94	178.20	13.23	163.90	11.76	149.70	10.36
	30.0	28.0	203.20	15.08	190.60	13.65	184.50	12.98	178.20	12.33	163.90	10.97	149.70	9.68
	35.0	32.0	203.20	13.61	190.60	12.34	184.50	11.73	178.20	11.15	163.90	9.94	149.70	8.79
	39.0	36.0	203.20	12.76	190.60	11.58	184.50	11.01	178.20	10.48	163.90	9.35	149.70	8.27
	44.0	40.0	203.20	12.01	190.60	10.90	184.50	10.38	178.20	9.88	163.90	8.83	149.70	7.81
	47.0	43.0	203.20	11.66	190.60	10.60	184.50	10.09	178.20	9.61	163.90	8.59	149.70	7.61
	51.0	47.0	203.20	11.06	190.60	10.07	184.50	9.59	178.20	9.14	163.90	8.17	149.70	7.25
	54.0	50.0	203.20	10.53	190.60	9.59	184.50	9.14	178.20	8.72	163.90	7.81	149.70	6.94
	57.0	53.0	203.20	9.85	190.60	8.99	184.50	8.57	178.20	8.19	163.90	7.36	149.70	6.54
	60.0	56.0	203.20	9.48	190.60	8.66	184.50	8.26	178.20	7.90	163.90	7.10	149.70	6.32
50	-21.8	-22.0	139.70	28.76	134.50	28.64	131.90	27.50	129.30	25.97	123.40	24.32	117.40	22.71
	-17.8	-18.0	155.80	29.69	150.60	29.56	148.10	28.42	145.40	26.89	136.60	25.24	124.80	22.23
	-12.6	-13.0	168.20	30.21	158.90	27.99	153.70	26.60	148.50	25.20	136.60	22.31	124.80	19.64
	-7.1	-7.6	169.30	27.40	158.90	24.73	153.70	23.50	148.50	22.26	136.60	19.70	124.80	17.34
	-3.6	-4.0	169.30	25.22	158.90	22.76	153.70	21.63	148.50	20.49	136.60	18.13	124.80	15.97
	-1.8	-2.2	169.30	24.20	158.90	21.84	153.70	20.76	148.50	19.65	136.60	17.41	124.80	15.33
	2.0	1.0	169.30	22.29	158.90	20.12	153.70	19.11	148.50	18.10	136.60	16.03	124.80	14.12
	6.0	5.0	169.30	19.71	158.90	17.80	153.70	16.92	148.50	16.02	136.60	14.20	124.80	12.50
	10.0	9.0	169.30	18.18	158.90	16.43	153.70	15.61	148.50	14.79	136.60	13.11	124.80	11.55
	13.0	12.0	169.30	17.47	158.90	15.78	153.70	15.01	148.50	14.22	136.60	12.60	124.80	11.10
	17.0	15.0	169.30	15.54	158.90	14.04	153.70	13.35	148.50	12.66	136.60	11.23	124.80	9.90
	19.0	18.0	169.30	14.95	158.90	13.51	153.70	12.85	148.50	12.18	136.60	10.81	124.80	9.54
	23.0	21.0	169.30	13.86	158.90	12.54	153.70	11.93	148.50	11.32	136.60	10.05	124.80	8.87
	26.0	24.0	169.30	12.90	158.90	11.68	153.70	11.11	148.50	10.54	136.60	9.36	124.80	8.27
	30.0	28.0	169.30	12.02	158.90	10.90	153.70	10.37	148.50	9.84	136.60	8.75	124.80	7.73
	35.0	32.0	169.30	10.88	158.90	9.88	153.70	9.41	148.50	8.93	136.60	7.96	124.80	7.03
	39.0	36.0	169.30	10.24	158.90	9.29	153.70	8.85	148.50	8.41	136.60	7.50	124.80	6.64
	44.0	40.0	169.30	9.65	158.90	8.77	153.70	8.36	148.50	7.95	136.60	7.10	124.80	6.29
	47.0	43.0	169.30	9.39	158.90	8.54	153.70	8.14	148.50	7.74	136.60	6.91	124.80	6.13
	51.0	47.0	169.30	8.93	158.90	8.13	153.70	7.75	148.50	7.38	136.60	6.59	124.80	5.86
	54.0	50.0	169.30	8.53	158.90	7.78	153.70	7.41	148.50	7.05	136.60	6.31	124.80	5.62
	57.0	53.0	169.30	8.02	158.90	7.32	153.70	6.99	148.50	6.65	136.60	5.96	124.80	5.30
	60.0	56.0	169.30	7.73	158.90	7.07	153.70	6.75	148.50	6.44	136.60	5.77	124.80	5.14

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC288S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	243.30	5.45	295.80	7.45	348.20	9.35	374.40	10.53	423.20	12.31	471.95	13.18	505.51	14.48
	10	243.30	5.74	295.80	7.76	348.20	9.69	374.40	10.85	423.20	12.63	467.28	13.45	500.50	14.70
	14	243.30	6.04	295.80	8.08	348.20	10.04	374.40	11.19	423.20	12.95	462.65	13.73	495.55	14.93
	23	243.30	6.36	295.80	8.41	348.20	10.40	374.40	11.54	423.20	13.28	458.07	14.01	490.65	15.16
	27	243.30	6.69	295.80	8.76	348.20	10.78	374.40	11.90	423.20	13.62	453.54	14.29	485.79	15.39
	32	243.30	7.05	295.80	9.12	348.20	11.17	374.40	12.26	423.20	13.97	449.05	14.58	480.98	15.63
	37	243.30	7.42	295.80	9.50	348.20	11.57	374.40	12.64	423.20	14.33	444.60	14.87	476.22	15.87
	41	243.30	7.81	295.80	9.90	348.20	11.99	374.40	13.03	423.20	14.69	440.20	15.18	471.50	16.11
	46	243.30	7.97	295.80	10.07	348.20	12.17	374.40	13.23	420.30	14.86	437.30	15.40	467.30	16.37
	50	243.30	8.12	295.80	10.25	348.20	12.38	374.40	13.45	418.40	15.05	435.40	15.62	464.30	16.64
	54	243.30	8.35	295.80	10.49	348.20	12.64	374.40	13.74	416.40	15.31	433.50	15.94	461.50	17.03
	57	243.30	8.60	295.80	10.75	348.20	12.97	374.40	14.10	414.50	15.69	431.50	16.34	458.60	17.46
	61	243.30	8.86	295.80	11.10	348.20	13.40	374.40	14.55	412.60	16.11	429.60	16.82	455.80	17.98
	64	243.30	9.21	295.80	11.48	348.20	13.85	374.40	15.08	410.70	16.66	427.70	17.42	452.90	18.74
	68	243.30	9.56	295.80	11.92	348.20	14.43	374.40	15.79	408.80	17.36	425.00	18.21	449.90	19.68
	72	243.30	9.98	295.80	12.44	348.20	15.15	372.70	16.53	406.80	18.30	422.20	19.16	447.10	20.92
	75	243.30	10.42	295.80	13.07	348.20	16.07	370.80	17.49	404.90	19.38	419.20	20.36	444.20	22.38
	79	243.30	10.96	295.80	13.86	348.20	17.12	368.90	18.56	403.00	20.74	416.30	21.74	441.40	24.14
	82	243.30	11.61	295.80	14.74	348.20	18.39	366.90	19.88	401.00	22.20	413.50	23.29	438.50	26.02
	86	243.30	12.36	295.80	15.80	348.00	19.83	365.00	21.26	398.20	23.75	410.60	25.00	432.00	27.78
	90	243.30	13.22	295.80	17.09	346.10	21.20	363.10	22.70	393.60	25.34	399.00	26.14	416.00	28.26
	93	243.30	14.36	295.80	18.49	343.40	22.58	355.10	23.78	377.50	26.03	383.10	26.81	399.50	27.85
	95	243.30	14.96	295.80	19.20	338.60	23.03	350.30	24.24	369.40	26.32	375.20	26.82	391.30	27.55
	99	243.30	16.29	295.80	20.74	328.90	23.92	334.80	24.72	353.40	26.29	359.30	26.47	374.90	26.72
	102	243.30	17.62	295.80	22.50	313.30	24.36	319.30	24.95	337.30	25.90	343.30	25.86	358.50	25.91
	106	243.30	19.21	285.00	23.25	297.70	24.42	303.80	24.66	321.10	25.23	327.30	25.13	342.00	25.13
	111	243.30	22.02	262.70	23.63	274.30	24.05	280.50	23.98	297.00	24.26	303.50	24.16	317.40	24.03
	115	233.60	22.99	245.60	23.40	258.70	23.58	265.00	23.51	280.90	23.71	287.60	23.61	298.40	23.15
	118	220.40	23.36	228.60	23.08	238.10	22.62	244.60	22.55	255.30	22.12	259.50	21.77	267.80	21.10
	120	207.10	22.72	215.70	22.29	225.40	21.85	231.70	21.79	239.80	21.07	244.00	20.73	252.50	20.07
	122	194.60	21.59	202.80	21.17	211.90	20.76	217.80	20.70	225.40	20.02	229.40	19.70	237.40	19.07
120	5	224.70	5.06	273.00	6.84	321.40	8.53	345.60	9.59	394.00	11.37	418.20	12.53	487.93	14.05
	10	224.70	5.32	273.00	7.13	321.40	8.84	345.60	9.88	394.00	11.66	418.20	12.79	483.10	14.26
	14	224.70	5.60	273.00	7.42	321.40	9.16	345.60	10.19	394.00	11.96	418.20	13.05	478.31	14.48
	23	224.70	5.89	273.00	7.73	321.40	9.49	345.60	10.51	394.00	12.27	418.20	13.31	473.57	14.70
	27	224.70	6.20	273.00	8.05	321.40	9.84	345.60	10.83	394.00	12.59	418.20	13.58	468.89	14.92
	32	224.70	6.53	273.00	8.38	321.40	10.20	345.60	11.17	394.00	12.91	418.20	13.86	464.25	15.14
	37	224.70	6.87	273.00	8.73	321.40	10.57	345.60	11.52	394.00	13.24	418.20	14.15	459.66	15.37
	41	224.70	7.23	273.00	9.09	321.40	10.96	345.60	11.88	394.00	13.58	418.20	14.44	455.10	15.61
	46	224.70	7.36	273.00	9.24	321.40	11.13	345.60	12.07	394.00	13.84	417.80	14.71	452.20	15.84
	50	224.70	7.50	273.00	9.38	321.40	11.29	345.60	12.25	394.00	14.08	415.90	14.88	450.30	16.07
	54	224.70	7.67	273.00	9.59	321.40	11.51	345.60	12.50	394.00	14.38	414.00	15.14	448.40	16.41
	57	224.70	7.87	273.00	9.80	321.40	11.79	345.60	12.79	394.00	14.79	412.10	15.48	446.50	16.82
	61	224.70	8.09	273.00	10.09	321.40	12.14	345.60	13.20	392.90	15.20	410.10	15.88	444.50	17.33
	64	224.70	8.38	273.00	10.42	321.40	12.53	345.60	13.63	391.00	15.65	408.20	16.39	442.60	17.97
	68	224.70	8.66	273.00	10.79	321.40	13.02	345.60	14.20	389.00	16.25	406.30	17.06	440.40	18.81
	72	224.70	9.02	273.00	11.24	321.40	13.65	345.60	14.91	387.10	17.04	404.40	17.95	437.60	19.84
	75	224.70	9.42	273.00	11.80	321.40	14.41	345.60	15.86	385.20	18.04	402.50	19.03	434.70	21.13
	79	224.70	9.91	273.00	12.49	321.40	15.40	345.60	17.00	383.30	19.24	400.50	20.35	431.80	22.61
	82	224.70	10.52	273.00	13.31	321.40	16.51	345.60	18.34	381.40	20.63	398.60	21.82	428.90	24.25
	86	224.70	11.18	273.00	14.26	321.40	17.85	345.00	19.80	379.40	22.12	396.70	23.39	424.20	25.85
	90	224.70	11.96	273.00	15.39	321.40	19.32	343.10	21.24	377.50	23.67	393.10	24.92	408.20	26.67
	93	224.70	12.90	273.00	16.68	321.40	20.85	340.80	22.63	369.70	24.80	377.20	25.56	392.30	27.13
	95	224.70	13.45	273.00	17.38	321.40	21.64	336.10	23.04	362.00	25.10	369.20	25.85	384.20	26.96
	99	224.70	14.67	273.00	18.77	316.50	22.86	326.50	23.88	346.60	25.58	353.40	25.99	368.20	26.47
	102	224.70	15.94	273.00	20.34	306.70	23.64	311.30	24.20	331.30	25.48	337.40	25.57	352.20	25.69
	106	224.70	17.37	273.00	22.09	294.00	24.10	296.10	24.19	315.90	25.05	321.60	24.94	336.20	24.96
	111	224.70	19.86	259.00	23.23	270.40	23.77	273.30	23.62	292.80	24.22	297.70	24.00	312.20	23.92
	115	224.70	21.79	243.90	23.17	254.70	23.39	258.00	23.23	277.50	23.78	281.90	23.46	293.40	23.08
	118	212.70	22.19	223.40	22.39	234.00	22.45	237.90	22.30	249.40	21.95	253.90	21.63	262.90	21.03
	120	202.80	21.85	210.70	21.65	221.30	21.69	225.20	21.55	233.90	20.90	238.40	20.59	247.50	20.00
	122	190.60	20.76	198.00	20.57	208.10	20.60	211.70	20.47	219.90	19.85	224.10	19.56	232.70	19.00

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC288S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	205.90	4.63	250.20	6.22	294.60	7.73	316.80	8.69	361.20	10.30	383.40	11.37	427.70	13.18
	10	205.90	4.88	250.20	6.48	294.60	8.01	316.80	8.96	361.20	10.56	383.40	11.60	427.70	13.38
	14	205.90	5.14	250.20	6.75	294.60	8.30	316.80	9.24	361.20	10.84	383.40	11.83	427.70	13.58
	23	205.90	5.40	250.20	7.03	294.60	8.61	316.80	9.52	361.20	11.12	383.40	12.07	427.70	13.79
	27	205.90	5.68	250.20	7.32	294.60	8.92	316.80	9.81	361.20	11.41	383.40	12.32	427.70	14.00
	32	205.90	5.98	250.20	7.63	294.60	9.24	316.80	10.12	361.20	11.70	383.40	12.57	427.70	14.22
	37	205.90	6.30	250.20	7.95	294.60	9.58	316.80	10.43	361.20	12.00	383.40	12.83	427.70	14.44
	41	205.90	6.63	250.20	8.28	294.60	9.93	316.80	10.75	361.20	12.31	383.40	13.09	427.70	14.66
	46	205.90	6.77	250.20	8.43	294.60	10.08	316.80	10.91	361.20	12.50	383.40	13.32	427.70	14.94
	50	205.90	6.87	250.20	8.54	294.60	10.21	316.80	11.06	361.20	12.69	383.40	13.52	427.10	15.17
	54	205.90	7.00	250.20	8.70	294.60	10.41	316.80	11.27	361.20	12.95	383.40	13.80	425.20	15.43
	57	205.90	7.16	250.20	8.88	294.60	10.63	316.80	11.51	361.20	13.27	383.40	14.17	423.30	15.75
	61	205.90	7.34	250.20	9.10	294.60	10.93	316.80	11.86	361.20	13.67	383.40	14.60	421.40	16.17
	64	205.90	7.56	250.20	9.38	294.60	11.27	316.80	12.24	361.20	14.14	383.40	15.13	419.40	16.74
	68	205.90	7.77	250.20	9.67	294.60	11.67	316.80	12.71	361.20	14.74	382.80	15.77	417.50	17.44
	72	205.90	8.05	250.20	10.07	294.60	12.19	316.80	13.30	361.20	15.49	380.90	16.49	415.60	18.32
	75	205.90	8.43	250.20	10.55	294.60	12.84	316.80	14.05	361.20	16.47	378.90	17.44	413.70	19.46
	79	205.90	8.88	250.20	11.16	294.60	13.68	316.80	15.08	359.60	17.58	377.00	18.62	411.80	20.82
	82	205.90	9.43	250.20	11.90	294.60	14.74	316.80	16.32	357.70	18.86	375.10	19.96	409.80	22.31
	86	205.90	10.04	250.20	12.78	294.60	15.94	316.80	17.72	355.80	20.26	373.20	21.42	407.90	23.89
	90	205.90	10.74	250.20	13.77	294.60	17.29	316.80	19.23	353.90	21.72	371.30	22.91	395.70	24.67
	93	205.90	11.52	250.20	14.92	294.60	18.78	316.80	20.82	352.00	23.17	364.50	24.00	380.80	25.30
	95	205.90	12.00	250.20	15.56	294.60	19.52	316.20	21.55	347.40	23.59	359.70	24.44	373.40	25.60
	99	205.90	13.07	250.20	16.91	294.60	21.05	312.10	22.75	338.20	24.44	345.00	24.92	358.50	25.67
	102	205.90	14.28	250.20	18.33	294.60	22.69	302.80	23.45	323.30	24.75	330.40	25.04	343.60	25.25
	106	205.90	15.60	250.20	19.88	285.90	23.42	290.70	23.85	308.60	24.61	315.70	24.70	328.70	24.61
	111	205.90	17.86	250.20	22.38	268.00	23.81	268.70	23.52	286.40	23.96	293.70	23.97	306.40	23.75
	115	205.90	19.45	242.30	23.08	254.50	23.69	254.00	23.22	271.50	23.61	279.00	23.58	288.50	23.02
	118	200.80	20.52	220.70	21.98	230.00	22.28	234.20	22.38	243.40	21.78	248.20	21.50	257.90	20.96
	120	191.50	20.17	205.70	21.01	214.20	21.20	218.60	21.30	228.00	20.73	232.80	20.46	242.60	19.94
	122	180.00	19.16	193.30	19.96	201.30	20.14	205.50	20.23	214.40	19.70	218.90	19.43	228.00	18.94
100	5	187.20	4.20	227.50	5.61	267.90	6.94	288.00	7.77	328.30	9.25	348.50	10.22	388.80	11.88
	10	187.20	4.42	227.50	5.85	267.90	7.19	288.00	8.01	328.30	9.49	348.50	10.43	388.80	12.06
	14	187.20	4.66	227.50	6.09	267.90	7.45	288.00	8.26	328.30	9.74	348.50	10.64	388.80	12.24
	23	187.20	4.91	227.50	6.34	267.90	7.72	288.00	8.51	328.30	9.99	348.50	10.86	388.80	12.43
	27	187.20	5.17	227.50	6.61	267.90	8.00	288.00	8.78	328.30	10.24	348.50	11.08	388.80	12.62
	32	187.20	5.45	227.50	6.89	267.90	8.29	288.00	9.05	328.30	10.50	348.50	11.30	388.80	12.81
	37	187.20	5.74	227.50	7.18	267.90	8.59	288.00	9.33	328.30	10.76	348.50	11.53	388.80	13.00
	41	187.20	6.04	227.50	7.47	267.90	8.90	288.00	9.62	328.30	11.04	348.50	11.76	388.80	13.19
	46	187.20	6.17	227.50	7.60	267.90	9.04	288.00	9.76	328.30	11.20	348.50	11.92	388.80	13.36
	50	187.20	6.26	227.50	7.70	267.90	9.15	288.00	9.87	328.30	11.34	348.50	12.08	388.80	13.55
	54	187.20	6.35	227.50	7.81	267.90	9.30	288.00	10.06	328.30	11.55	348.50	12.31	388.80	13.84
	57	187.20	6.45	227.50	7.96	267.90	9.48	288.00	10.25	328.30	11.81	348.50	12.59	388.80	14.16
	61	187.20	6.59	227.50	8.14	267.90	9.73	288.00	10.55	328.30	12.13	348.50	12.93	388.80	14.58
	64	187.20	6.74	227.50	8.35	267.90	10.02	288.00	10.88	328.30	12.53	348.50	13.37	388.80	15.13
	68	187.20	6.89	227.50	8.58	267.90	10.36	288.00	11.27	328.30	13.02	348.50	13.93	388.80	15.86
	72	187.20	7.11	227.50	8.91	267.90	10.79	288.00	11.75	328.30	13.63	348.50	14.63	388.80	16.71
	75	187.20	7.44	227.50	9.34	267.90	11.33	288.00	12.37	328.30	14.42	348.50	15.51	388.80	17.72
	79	187.20	7.86	227.50	9.87	267.90	12.03	288.00	13.20	328.30	15.46	348.50	16.65	388.80	19.09
	82	187.20	8.37	227.50	10.53	267.90	12.97	288.00	14.34	328.30	16.78	348.50	18.03	388.80	20.61
	86	187.20	8.92	227.50	11.32	267.90	14.11	288.00	15.67	328.30	18.20	348.50	19.52	388.80	22.22
	90	187.20	9.53	227.50	12.23	267.90	15.34	288.00	17.06	328.30	19.75	348.50	21.11	379.40	23.06
	93	187.20	10.21	227.50	13.24	267.90	16.68	288.00	18.63	328.30	21.33	348.50	22.69	370.00	23.80
	95	187.20	10.59	227.50	13.78	267.90	17.46	288.00	19.40	328.30	22.10	343.90	23.03	365.30	24.18
	99	187.20	11.49	227.50	15.07	267.90	18.93	288.00	20.91	319.90	22.81	334.60	23.72	351.00	24.63
	102	187.20	12.63	227.50	16.42	267.90	20.38	288.00	22.38	311.60	23.54	322.80	24.23	336.80	24.76
	106	187.20	13.91	227.50	17.83	267.90	21.87	278.90	22.94	300.40	24.01	308.70	24.29	322.40	24.37
	111	187.20	15.97	227.50	20.00	259.50	23.18	263.20	23.35	279.50	23.62	287.50	23.76	300.90	23.62
	115	187.20	17.33	227.50	21.44	251.20	23.63	249.90	23.21	265.50	23.43	273.40	23.45	283.60	22.95
	118	187.20	18.65	210.70	20.80	222.90	21.79	227.60	22.13	237.60	21.61	242.60	21.37	253.00	20.89
	120	180.30	18.49	197.50	19.96	207.20	20.70	211.90	21.05	222.10	20.55	227.20	20.32	237.80	19.86
	122	169.50	17.56	185.70	18.96	194.80	19.66	199.20	20.00	208.80	19.52	213.60	19.31	223.50	18.87

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC288S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	168.50	3.79	204.80	5.04	241.10	6.19	259.20	6.94	295.50	8.24	313.60	9.08	349.90	10.54
	10	168.50	3.99	204.80	5.25	241.10	6.41	259.20	7.15	295.50	8.45	313.60	9.26	349.90	10.70
	14	168.50	4.20	204.80	5.47	241.10	6.65	259.20	7.37	295.50	8.67	313.60	9.45	349.90	10.86
	23	168.50	4.42	204.80	5.69	241.10	6.89	259.20	7.60	295.50	8.89	313.60	9.64	349.90	11.02
	27	168.50	4.66	204.80	5.93	241.10	7.14	259.20	7.84	295.50	9.11	313.60	9.83	349.90	11.19
	32	168.50	4.91	204.80	6.18	241.10	7.40	259.20	8.08	295.50	9.34	313.60	10.04	349.90	11.36
	37	168.50	5.17	204.80	6.43	241.10	7.67	259.20	8.33	295.50	9.58	313.60	10.25	349.90	11.54
	41	168.50	5.45	204.80	6.70	241.10	7.95	259.20	8.58	295.50	9.83	313.60	10.46	349.90	11.72
	46	168.50	5.57	204.80	6.83	241.10	8.08	259.20	8.71	295.50	9.97	313.60	10.60	349.90	11.86
	50	168.50	5.66	204.80	6.92	241.10	8.19	259.20	8.82	295.50	10.08	313.60	10.73	349.90	12.01
	54	168.50	5.75	204.80	7.02	241.10	8.31	259.20	8.96	295.50	10.25	313.60	10.90	349.90	12.21
	57	168.50	5.85	204.80	7.14	241.10	8.46	259.20	9.12	295.50	10.45	313.60	11.13	349.90	12.49
	61	168.50	5.97	204.80	7.30	241.10	8.67	259.20	9.35	295.50	10.72	313.60	11.42	349.90	12.83
	64	168.50	6.11	204.80	7.48	241.10	8.91	259.20	9.63	295.50	11.06	313.60	11.78	349.90	13.27
	68	168.50	6.24	204.80	7.69	241.10	9.19	259.20	9.96	295.50	11.46	313.60	12.24	349.90	13.85
	72	168.50	6.43	204.80	7.97	241.10	9.56	259.20	10.37	295.50	11.99	313.60	12.83	349.90	14.60
	75	168.50	6.71	204.80	8.33	241.10	10.01	259.20	10.88	295.50	12.64	313.60	13.55	349.90	15.45
	79	168.50	7.05	204.80	8.77	241.10	10.59	259.20	11.53	295.50	13.43	313.60	14.40	349.90	16.40
	82	168.50	7.47	204.80	9.32	241.10	11.30	259.20	12.35	295.50	14.40	313.60	15.45	349.90	17.64
	86	168.50	7.92	204.80	9.96	241.10	12.20	259.20	13.41	295.50	15.56	313.60	16.68	349.90	19.01
	90	168.50	8.43	204.80	10.70	241.10	13.20	259.20	14.53	295.50	16.82	313.60	18.00	349.90	20.43
	93	168.50	9.03	204.80	11.56	241.10	14.30	259.20	15.74	295.50	18.18	313.60	19.42	349.90	21.89
	95	168.50	9.38	204.80	12.03	241.10	14.91	259.20	16.44	295.50	18.90	313.60	20.13	349.90	22.62
	99	168.50	10.21	204.80	13.13	241.10	16.24	259.20	17.86	295.50	20.33	313.60	21.59	340.40	23.22
	102	168.50	11.23	204.80	14.35	241.10	17.61	259.20	19.28	295.50	21.83	309.10	22.67	330.90	23.91
	106	168.50	12.35	204.80	15.60	241.10	19.03	259.20	20.81	290.80	22.97	300.10	23.38	318.70	24.27
	111	168.50	14.19	204.80	17.70	241.10	21.43	255.30	22.90	276.70	23.74	281.20	23.54	296.40	23.66
	115	168.50	15.50	204.80	19.22	235.10	22.35	247.00	23.51	260.90	23.43	266.70	23.27	278.60	22.98
	118	168.50	16.91	192.60	19.25	210.40	20.91	218.20	21.62	229.90	21.32	235.90	21.18	248.00	20.93
	120	160.60	16.65	179.30	18.42	194.80	19.83	202.50	20.54	214.40	20.26	220.50	20.14	232.80	19.90
	122	150.90	15.82	168.60	17.50	183.10	18.84	190.40	19.52	201.50	19.24	207.30	19.14	218.80	18.91
80	5	149.70	3.27	182.00	4.30	214.20	5.27	230.40	5.88	262.70	6.97	278.80	7.68	311.10	8.90
	10	149.70	3.46	182.00	4.50	214.20	5.49	230.40	6.09	262.70	7.19	278.80	7.87	311.10	9.08
	14	149.70	3.66	182.00	4.71	214.20	5.72	230.40	6.31	262.70	7.41	278.80	8.08	311.10	9.27
	23	149.70	3.87	182.00	4.93	214.20	5.96	230.40	6.54	262.70	7.63	278.80	8.29	311.10	9.46
	27	149.70	4.09	182.00	5.17	214.20	6.21	230.40	6.78	262.70	7.87	278.80	8.50	311.10	9.65
	32	149.70	4.33	182.00	5.41	214.20	6.46	230.40	7.03	262.70	8.12	278.80	8.72	311.10	9.84
	37	149.70	4.58	182.00	5.66	214.20	6.73	230.40	7.28	262.70	8.37	278.80	8.94	311.10	10.04
	41	149.70	4.85	182.00	5.93	214.20	7.01	230.40	7.55	262.70	8.63	278.80	9.17	311.10	10.25
	46	149.70	4.97	182.00	6.05	214.20	7.13	230.40	7.67	262.70	8.76	278.80	9.30	311.10	10.38
	50	149.70	5.06	182.00	6.14	214.20	7.22	230.40	7.76	262.70	8.85	278.80	9.40	311.10	10.49
	54	149.70	5.15	182.00	6.23	214.20	7.32	230.40	7.87	262.70	8.97	278.80	9.52	311.10	10.63
	57	149.70	5.24	182.00	6.34	214.20	7.44	230.40	7.99	262.70	9.12	278.80	9.70	311.10	10.85
	61	149.70	5.35	182.00	6.47	214.20	7.61	230.40	8.18	262.70	9.35	278.80	9.94	311.10	11.14
	64	149.70	5.47	182.00	6.64	214.20	7.81	230.40	8.40	262.70	9.62	278.80	10.24	311.10	11.51
	68	149.70	5.59	182.00	6.81	214.20	8.06	230.40	8.69	262.70	9.96	278.80	10.62	311.10	11.95
	72	149.70	5.74	182.00	7.05	214.20	8.37	230.40	9.04	262.70	10.41	278.80	11.10	311.10	12.57
	75	149.70	5.96	182.00	7.33	214.20	8.74	230.40	9.46	262.70	10.95	278.80	11.72	311.10	13.33
	79	149.70	6.23	182.00	7.70	214.20	9.22	230.40	10.00	262.70	11.61	278.80	12.44	311.10	14.14
	82	149.70	6.55	182.00	8.13	214.20	9.79	230.40	10.63	262.70	12.33	278.80	13.21	311.10	14.99
	86	149.70	6.91	182.00	8.65	214.20	10.44	230.40	11.37	262.70	13.20	278.80	14.15	311.10	16.13
	90	149.70	7.34	182.00	9.23	214.20	11.22	230.40	12.24	262.70	14.20	278.80	15.23	311.10	17.35
	93	149.70	7.85	182.00	9.93	214.20	12.09	230.40	13.20	262.70	15.32	278.80	16.40	311.10	18.62
	95	149.70	8.17	182.00	10.33	214.20	12.58	230.40	13.74	262.70	15.90	278.80	17.02	311.10	19.27
	99	149.70	8.92	182.00	11.26	214.20	13.68	230.40	14.92	262.70	17.17	278.80	18.31	311.10	20.57
	102	149.70	9.82	182.00	12.30	214.20	14.89	230.40	16.22	262.70	18.52	278.80	19.67	311.10	21.93
	106	149.70	10.73	182.00	13.39	214.20	16.20	230.40	17.65	262.70	19.99	278.80	21.14	306.20	22.94
	111	149.70	12.39	182.00	15.40	214.20	18.54	230.40	20.16	262.70	22.59	273.30	23.11	291.60	23.65
	115	149.70	13.65	182.00	16.93	214.20	20.35	230.40	22.10	251.40	22.89	259.40	22.99	273.70	23.02
	118	149.70	15.20	174.40	17.69	197.40	19.98	208.60	21.10	222.30	21.03	229.20	21.01	243.10	20.97
	120	139.00	14.68	160.70	16.84	182.30	18.97	193.00	20.02	206.90	19.97	213.80	19.95	227.90	19.94
	122	130.60	13.95	151.10	16.00	171.40	18.02	181.50	19.02	194.40	18.97	201.00	18.95	214.30	18.94

1) The performance table shows the average value of each condition.
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1. Capacity table

VPC/VRC288S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	131.10	2.88	159.30	3.76	187.50	4.59	201.60	5.11	229.80	6.03	243.90	6.63	272.10	7.65
	10	131.10	3.05	159.30	3.94	187.50	4.79	201.60	5.29	229.80	6.21	243.90	6.80	272.10	7.80
	14	131.10	3.23	159.30	4.12	187.50	4.99	201.60	5.49	229.80	6.40	243.90	6.98	272.10	7.96
	23	131.10	3.41	159.30	4.32	187.50	5.20	201.60	5.69	229.80	6.60	243.90	7.16	272.10	8.12
	27	131.10	3.61	159.30	4.52	187.50	5.41	201.60	5.90	229.80	6.81	243.90	7.34	272.10	8.28
	32	131.10	3.82	159.30	4.73	187.50	5.63	201.60	6.11	229.80	7.02	243.90	7.53	272.10	8.45
	37	131.10	4.04	159.30	4.95	187.50	5.87	201.60	6.33	229.80	7.24	243.90	7.72	272.10	8.63
	41	131.10	4.28	159.30	5.19	187.50	6.11	201.60	6.56	229.80	7.46	243.90	7.91	272.10	8.81
	46	131.10	4.38	159.30	5.29	187.50	6.22	201.60	6.67	229.80	7.57	243.90	8.02	272.10	8.92
	50	131.10	4.46	159.30	5.38	187.50	6.30	201.60	6.76	229.80	7.66	243.90	8.11	272.10	9.02
	54	131.10	4.53	159.30	5.46	187.50	6.38	201.60	6.85	229.80	7.76	243.90	8.21	272.10	9.13
	57	131.10	4.60	159.30	5.54	187.50	6.48	201.60	6.95	229.80	7.88	243.90	8.34	272.10	9.29
	61	131.10	4.70	159.30	5.65	187.50	6.61	201.60	7.09	229.80	8.05	243.90	8.53	272.10	9.52
	64	131.10	4.81	159.30	5.78	187.50	6.78	201.60	7.27	229.80	8.28	243.90	8.79	272.10	9.81
	68	131.10	4.91	159.30	5.94	187.50	6.98	201.60	7.50	229.80	8.55	243.90	9.09	272.10	10.18
	72	131.10	5.03	159.30	6.11	187.50	7.22	201.60	7.78	229.80	8.90	243.90	9.48	272.10	10.65
	75	131.10	5.18	159.30	6.35	187.50	7.53	201.60	8.14	229.80	9.35	243.90	9.98	272.10	11.28
	79	131.10	5.38	159.30	6.63	187.50	7.90	201.60	8.55	229.80	9.89	243.90	10.58	272.10	12.00
	82	131.10	5.61	159.30	6.98	187.50	8.36	201.60	9.07	229.80	10.49	243.90	11.23	272.10	12.72
	86	131.10	5.89	159.30	7.36	187.50	8.84	201.60	9.59	229.80	11.12	243.90	11.91	272.10	13.52
	90	131.10	6.24	159.30	7.81	187.50	9.43	201.60	10.25	229.80	11.91	243.90	12.77	272.10	14.57
	93	131.10	6.64	159.30	8.36	187.50	10.11	201.60	10.99	229.80	12.81	243.90	13.75	272.10	15.66
	95	131.10	6.91	159.30	8.69	187.50	10.51	201.60	11.43	229.80	13.32	243.90	14.28	272.10	16.24
	99	131.10	7.54	159.30	9.46	187.50	11.41	201.60	12.39	229.80	14.37	243.90	15.38	272.10	17.40
	102	131.10	8.32	159.30	10.36	187.50	12.44	201.60	13.51	229.80	15.57	243.90	16.59	272.10	18.61
	106	131.10	9.10	159.30	11.32	187.50	13.62	201.60	14.80	229.80	16.86	243.90	17.88	272.10	19.85
	111	131.10	10.51	159.30	13.08	187.50	15.71	201.60	17.04	229.80	19.06	243.90	20.06	272.10	22.00
	115	131.10	11.73	159.30	14.51	187.50	17.36	201.60	18.80	229.40	20.79	241.60	21.63	260.90	22.45
	118	131.10	13.29	155.70	16.01	181.10	18.74	194.00	20.12	209.50	20.38	217.10	20.48	232.20	20.65
	120	120.40	13.53	143.80	15.82	167.50	18.13	179.40	19.29	194.30	19.41	201.80	19.48	216.80	19.63
	122	113.20	12.85	135.20	15.03	157.40	17.22	168.60	18.33	182.60	18.44	189.70	18.50	203.80	18.65
60	5	112.30	2.41	136.50	3.13	160.70	3.81	172.80	4.24	197.00	4.77	209.10	5.03	233.30	5.55
	10	112.30	2.56	136.50	3.30	160.70	3.99	172.80	4.42	197.00	4.97	209.10	5.24	233.30	5.78
	14	112.30	2.73	136.50	3.47	160.70	4.17	172.80	4.60	197.00	5.18	209.10	5.46	233.30	6.03
	23	112.30	2.90	136.50	3.65	160.70	4.37	172.80	4.80	197.00	5.39	209.10	5.68	233.30	6.28
	27	112.30	3.08	136.50	3.85	160.70	4.58	172.80	5.00	197.00	5.61	209.10	5.92	233.30	6.54
	32	112.30	3.28	136.50	4.05	160.70	4.79	172.80	5.21	197.00	5.85	209.10	6.17	233.30	6.81
	37	112.30	3.49	136.50	4.26	160.70	5.02	172.80	5.42	197.00	6.10	209.10	6.43	233.30	7.10
	41	112.30	3.71	136.50	4.48	160.70	5.26	172.80	5.65	197.00	6.35	209.10	6.69	233.30	7.39
	46	112.30	3.79	136.50	4.57	160.70	5.34	172.80	5.74	197.00	6.44	209.10	6.79	233.30	7.51
	50	112.30	3.84	136.50	4.63	160.70	5.42	172.80	5.81	197.00	6.52	209.10	6.88	233.30	7.58
	54	112.30	3.90	136.50	4.70	160.70	5.49	172.80	5.89	197.00	6.60	209.10	6.96	233.30	7.68
	57	112.30	3.96	136.50	4.77	160.70	5.57	172.80	5.98	197.00	6.71	209.10	7.07	233.30	7.80
	61	112.30	4.03	136.50	4.85	160.70	5.67	172.80	6.08	197.00	6.83	209.10	7.21	233.30	7.97
	64	112.30	4.12	136.50	4.95	160.70	5.80	172.80	6.23	197.00	7.00	209.10	7.40	233.30	8.20
	68	112.30	4.22	136.50	5.08	160.70	5.95	172.80	6.39	197.00	7.23	209.10	7.65	233.30	8.51
	72	112.30	4.30	136.50	5.21	160.70	6.13	172.80	6.60	197.00	7.49	209.10	7.94	233.30	8.85
	75	112.30	4.41	136.50	5.39	160.70	6.38	172.80	6.88	197.00	7.84	209.10	8.33	233.30	9.31
	79	112.30	4.55	136.50	5.60	160.70	6.67	172.80	7.21	197.00	8.26	209.10	8.80	233.30	9.90
	82	112.30	4.72	136.50	5.85	160.70	7.01	172.80	7.60	197.00	8.74	209.10	9.33	233.30	10.53
	86	112.30	4.92	136.50	6.15	160.70	7.38	172.80	8.00	197.00	9.25	209.10	9.88	233.30	11.19
	90	112.30	5.20	136.50	6.48	160.70	7.81	172.80	8.47	197.00	9.83	209.10	10.53	233.30	11.99
	93	112.30	5.46	136.50	6.88	160.70	8.30	172.80	9.01	197.00	10.54	209.10	11.32	233.30	12.90
	95	112.30	5.69	136.50	7.14	160.70	8.63	172.80	9.38	197.00	10.97	209.10	11.77	233.30	13.40
	99	112.30	6.15	136.50	7.76	160.70	9.41	172.80	10.24	197.00	11.90	209.10	12.74	233.30	14.46
	102	112.30	6.81	136.50	8.52	160.70	10.27	172.80	11.15	197.00	12.92	209.10	13.80	233.30	15.56
	106	112.30	7.49	136.50	9.38	160.70	11.33	172.80	12.33	197.00	14.10	209.10	14.97	233.30	16.70
	111	112.30	8.71	136.50	10.90	160.70	13.15	172.80	14.29	197.00	15.99	209.10	16.82	233.30	18.45
	115	112.30	9.69	136.50	12.08	160.70	14.49	172.80	15.70	197.00	17.37	209.10	18.19	233.30	19.75
	118	112.30	11.13	135.90	13.64	160.30	16.16	172.80	17.42	190.30	18.83	198.60	19.32	215.00	19.86
	120	106.40	12.01	128.20	14.40	150.30	16.82	161.70	18.03	176.80	18.44	184.30	18.63	199.70	18.97
	122	100.00	11.41	120.50	13.68	141.30	15.98	152.00	17.13	166.20	17.52	173.20	17.70	187.70	18.02

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC288S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	93.60	2.04	113.70	2.65	133.90	3.21	144.00	3.57	164.10	3.93	174.30	4.12	194.40	4.49
	10	93.60	2.17	113.70	2.79	133.90	3.36	144.00	3.72	164.10	4.10	174.30	4.29	194.40	4.68
	14	93.60	2.31	113.70	2.93	133.90	3.52	144.00	3.87	164.10	4.27	174.30	4.47	194.40	4.87
	23	93.60	2.45	113.70	3.08	133.90	3.69	144.00	4.03	164.10	4.45	174.30	4.65	194.40	5.08
	27	93.60	2.61	113.70	3.24	133.90	3.86	144.00	4.20	164.10	4.63	174.30	4.84	194.40	5.29
	32	93.60	2.78	113.70	3.41	133.90	4.04	144.00	4.37	164.10	4.82	174.30	5.05	194.40	5.51
	37	93.60	2.96	113.70	3.59	133.90	4.22	144.00	4.55	164.10	5.02	174.30	5.26	194.40	5.74
	41	93.60	3.14	113.70	3.77	133.90	4.42	144.00	4.73	164.10	5.23	174.30	5.48	194.40	5.98
	46	93.60	3.21	113.70	3.85	133.90	4.48	144.00	4.80	164.10	5.32	174.30	5.57	194.40	6.09
	50	93.60	3.25	113.70	3.89	133.90	4.53	144.00	4.86	164.10	5.38	174.30	5.64	194.40	6.16
	54	93.60	3.29	113.70	3.94	133.90	4.60	144.00	4.94	164.10	5.46	174.30	5.73	194.40	6.25
	57	93.60	3.32	113.70	4.00	133.90	4.67	144.00	5.01	164.10	5.54	174.30	5.81	194.40	6.34
	61	93.60	3.38	113.70	4.05	133.90	4.74	144.00	5.09	164.10	5.64	174.30	5.91	194.40	6.46
	64	93.60	3.45	113.70	4.14	133.90	4.84	144.00	5.19	164.10	5.76	174.30	6.04	194.40	6.61
	68	93.60	3.52	113.70	4.24	133.90	4.95	144.00	5.31	164.10	5.93	174.30	6.24	194.40	6.88
	72	93.60	3.60	113.70	4.34	133.90	5.09	144.00	5.46	164.10	6.14	174.30	6.48	194.40	7.17
	75	93.60	3.66	113.70	4.46	133.90	5.25	144.00	5.65	164.10	6.38	174.30	6.75	194.40	7.49
	79	93.60	3.77	113.70	4.62	133.90	5.49	144.00	5.93	164.10	6.71	174.30	7.12	194.40	7.92
	82	93.60	3.86	113.70	4.79	133.90	5.74	144.00	6.22	164.10	7.09	174.30	7.53	194.40	8.43
	86	93.60	4.00	113.70	5.00	133.90	6.00	144.00	6.51	164.10	7.48	174.30	7.98	194.40	8.99
	90	93.60	4.20	113.70	5.23	133.90	6.29	144.00	6.82	164.10	7.91	174.30	8.47	194.40	9.63
	93	93.60	4.39	113.70	5.50	133.90	6.63	144.00	7.20	164.10	8.44	174.30	9.07	194.40	10.36
	95	93.60	4.52	113.70	5.67	133.90	6.83	144.00	7.41	164.10	8.74	174.30	9.41	194.40	10.75
	99	93.60	4.91	113.70	6.18	133.90	7.49	144.00	8.17	164.10	9.54	174.30	10.24	194.40	11.65
	102	93.60	5.38	113.70	6.81	133.90	8.24	144.00	8.97	164.10	10.42	174.30	11.15	194.40	12.63
	106	93.60	6.02	113.70	7.53	133.90	9.11	144.00	9.94	164.10	11.45	174.30	12.20	194.40	13.68
	111	93.60	7.07	113.70	8.90	133.90	10.77	144.00	11.74	164.10	13.17	174.30	13.88	194.40	15.28
	115	93.60	7.88	113.70	9.86	133.90	11.90	144.00	12.94	164.10	14.32	174.30	15.01	194.40	16.35
	118	93.60	8.90	113.70	11.08	133.90	13.20	144.00	14.24	164.10	15.58	174.30	16.22	194.40	17.44
	120	93.60	9.79	113.70	11.93	133.90	14.03	144.00	15.08	158.50	16.32	166.30	16.90	182.50	18.01
	122	93.60	10.48	113.70	12.77	133.90	15.01	144.00	16.13	158.50	17.47	158.00	16.56	173.40	17.65

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC288S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	247.10	27.20	241.20	28.20	238.30	28.69	235.30	29.54	228.60	30.54	221.80	32.03
	-17.8	-18.0	267.10	28.20	261.30	29.19	258.40	29.68	255.40	30.54	248.60	31.53	241.90	33.02
	-12.6	-13.0	297.30	29.68	291.40	30.69	288.40	31.18	285.50	32.03	278.80	33.02	268.50	34.22
	-7.1	-7.6	327.40	31.18	321.50	32.18	318.60	32.67	314.80	33.52	304.30	34.22	293.70	35.28
	-3.6	-4.0	347.50	32.18	340.20	33.17	336.80	33.52	331.70	34.22	321.20	34.93	310.60	35.98
	-1.8	-2.2	357.60	32.67	348.70	33.52	345.20	33.87	340.10	34.58	329.60	35.28	317.50	36.33
	2.0	1.0	375.80	33.52	365.50	34.22	362.10	34.58	356.90	35.28	346.40	35.98	322.70	36.33
	6.0	5.0	401.10	34.58	390.80	35.28	387.30	35.63	381.50	36.33	356.40	36.33	330.50	36.33
	10.0	9.0	417.90	35.28	407.70	35.98	398.80	36.33	386.60	36.33	361.60	36.33	335.60	36.33
	13.0	12.0	426.40	35.63	411.80	36.33	401.40	36.33	389.20	36.33	364.20	36.33	338.30	36.33
	17.0	15.0	443.10	36.33	419.60	36.33	409.10	36.33	397.00	36.33	372.00	36.33	346.00	35.98
	19.0	18.0	445.60	36.33	422.20	36.33	411.70	36.33	399.60	36.33	374.50	36.33	346.90	35.45
	23.0	21.0	450.80	36.33	427.40	36.33	416.90	36.33	404.80	36.33	379.80	36.09	348.60	34.47
	26.0	24.0	456.00	36.33	432.50	36.33	422.20	36.33	410.00	36.33	381.50	35.06	350.30	33.57
	30.0	28.0	461.10	36.33	437.80	36.33	427.30	36.27	413.40	35.57	383.20	34.13	352.00	32.77
	35.0	32.0	468.90	36.33	443.70	35.38	429.90	34.77	416.00	34.16	385.80	32.89	353.80	30.56
	39.0	36.0	472.40	35.64	445.50	34.44	431.60	33.88	417.70	33.32	387.50	32.14	353.80	28.42
	44.0	40.0	474.20	34.70	447.20	33.60	433.30	33.09	419.50	32.58	387.50	29.91	353.80	26.51
	47.0	43.0	475.00	34.26	448.10	33.21	434.20	32.72	420.30	32.23	387.50	28.89	353.80	25.63
	51.0	47.0	476.80	33.47	449.80	32.51	435.90	31.72	421.20	30.22	387.50	27.06	353.80	24.06
	54.0	50.0	478.50	32.76	450.70	31.12	435.90	29.70	421.20	28.32	387.50	25.42	353.80	22.67
	57.0	53.0	480.20	30.95	450.70	28.34	435.90	27.09	421.20	25.87	387.50	23.32	353.80	20.88
	60.0	56.0	480.20	29.14	450.70	26.74	435.90	25.60	421.20	24.48	387.50	22.13	353.80	19.86
120	-21.8	-22.0	239.70	28.40	234.30	29.39	231.50	29.90	228.80	30.39	222.60	31.39	216.40	32.73
	-17.8	-18.0	259.80	29.39	254.30	30.39	251.60	30.89	248.90	31.39	242.70	32.38	236.50	33.72
	-12.6	-13.0	289.90	30.89	284.50	31.88	281.80	32.38	279.10	32.88	272.00	33.87	262.70	34.93
	-7.1	-7.6	320.10	32.38	314.60	33.37	311.30	33.87	306.60	34.22	297.30	34.93	287.90	35.98
	-3.6	-4.0	340.10	33.37	332.70	34.22	328.00	34.58	323.40	34.93	314.10	35.63	298.00	36.33
	-1.8	-2.2	348.60	33.87	341.20	34.58	336.40	34.93	331.80	35.28	322.60	35.98	300.70	36.33
	2.0	1.0	365.50	34.58	358.00	35.28	353.30	35.63	348.70	35.98	329.20	36.33	305.80	36.33
	6.0	5.0	390.80	35.63	381.50	36.33	370.50	36.33	360.30	36.33	337.00	36.33	313.60	36.33
	10.0	9.0	406.00	36.33	386.60	36.33	375.60	36.33	365.40	36.33	342.10	36.33	318.90	35.89
	13.0	12.0	408.70	36.33	389.30	36.33	378.20	36.33	368.10	36.33	344.80	36.33	319.70	35.36
	17.0	15.0	416.40	36.33	397.00	36.33	386.00	36.33	375.80	36.33	350.70	35.47	322.30	33.90
	19.0	18.0	419.10	36.33	399.60	36.33	388.60	36.33	378.50	36.33	351.60	34.96	323.20	33.46
	23.0	21.0	424.20	36.33	404.70	36.33	393.70	36.17	381.90	35.47	353.30	34.02	324.90	32.64
	26.0	24.0	429.40	36.33	408.30	35.78	395.50	35.13	383.60	34.49	355.10	33.16	326.60	31.27
	30.0	28.0	434.60	36.05	410.00	34.78	397.20	34.18	385.30	33.60	356.80	32.38	326.60	28.97
	35.0	32.0	437.10	34.57	412.60	33.46	399.80	32.93	387.90	32.42	357.70	29.35	326.60	25.92
	39.0	36.0	438.90	33.70	414.30	32.68	401.50	32.20	388.80	30.65	357.70	27.30	326.60	24.15
	44.0	40.0	440.60	32.91	416.00	31.49	402.40	29.99	388.80	28.53	357.70	25.46	326.60	22.56
	47.0	43.0	441.50	32.55	416.00	30.39	402.40	28.96	388.80	27.55	357.70	24.61	326.60	21.84
	51.0	47.0	443.20	31.19	416.00	28.40	402.40	27.10	388.80	25.80	357.70	23.10	326.60	20.54
	54.0	50.0	443.20	29.19	416.00	26.64	402.40	25.43	388.80	24.24	357.70	21.76	326.60	19.40
	57.0	53.0	443.20	26.61	416.00	24.35	402.40	23.29	388.80	22.24	357.70	20.05	326.60	17.94
	60.0	56.0	443.20	25.14	416.00	23.05	402.40	22.07	388.80	21.09	357.70	19.07	326.60	17.11
110	-21.8	-22.0	232.30	29.39	227.30	30.25	224.80	30.74	222.40	31.24	216.70	32.23	203.50	32.79
	-17.8	-18.0	252.40	30.39	247.40	31.24	244.90	31.74	242.40	32.23	236.70	33.23	223.60	33.78
	-12.6	-13.0	282.50	31.88	277.60	32.73	275.10	33.23	272.50	33.72	265.00	34.58	253.70	35.28
	-7.1	-7.6	312.70	33.37	306.50	34.22	302.50	34.58	298.40	34.93	290.20	35.63	278.70	36.33
	-3.6	-4.0	329.90	34.22	323.40	34.93	319.40	35.28	315.20	35.63	302.00	36.33	283.80	36.33
	-1.8	-2.2	338.30	34.58	331.80	35.28	327.80	35.63	323.60	35.98	304.50	36.33	286.40	36.33
	2.0	1.0	355.20	35.28	348.70	35.98	340.30	36.33	330.50	36.33	309.80	36.33	291.60	36.33
	6.0	5.0	375.20	36.33	358.10	36.33	348.10	36.33	338.30	36.33	317.60	36.33	294.20	34.74
	10.0	9.0	380.30	36.33	363.20	36.33	353.40	36.33	343.40	36.33	321.00	35.35	295.90	33.79
	13.0	12.0	383.00	36.33	365.80	36.33	355.90	36.33	346.10	36.33	321.80	34.84	296.80	33.35
	17.0	15.0	390.70	36.33	373.60	36.22	362.00	35.53	350.40	34.87	324.40	33.45	299.40	32.12
	19.0	18.0	393.40	36.33	374.40	35.68	362.90	35.02	351.20	34.39	325.30	33.03	299.40	30.86
	23.0	21.0	398.50	35.94	376.10	34.67	364.60	34.06	352.90	33.49	327.00	32.24	299.40	28.52
	26.0	24.0	400.20	34.92	377.90	33.75	366.30	33.20	354.70	32.67	327.90	30.00	299.40	26.40
	30.0	28.0	401.90	33.99	379.60	32.92	368.10	32.41	356.40	31.32	327.90	27.78	299.40	24.48
	35.0	32.0	404.50	32.76	381.30	30.96	368.90	29.45	356.40	27.97	327.90	24.86	299.40	21.95
	39.0	36.0	406.30	31.70	381.30	28.75	368.90	27.37	356.40	26.02	327.90	23.17	299.40	20.48
	44.0	40.0	406.30	29.47	381.30	26.78	368.90	25.51	356.40	24.27	327.90	21.64	299.40	19.17
	47.0	43.0	406.30	28.45	381.30	25.87	368.90	24.65	356.40	23.46	327.90	20.95	299.40	18.58
	51.0	47.0	406.30	26.61	381.30	24.24	368.90	23.11	356.40	22.02	327.90	19.71	299.40	17.52
	54.0	50.0	406.30	24.97	381.30	22.79	368.90	21.76	356.40	20.75	327.90	18.61	299.40	16.58
	57.0	53.0	406.30	22.85	381.30	20.93	368.90	20.00	356.40	19.11	327.90	17.20	299.40	15.38
	60.0	56.0	406.30	21.65	381.30	19.88	368.90	19.01	356.40	18.18	327.90	16.41	299.40	14.71

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC288S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	224.90	30.74	220.40	31.59	218.10	31.94	215.80	32.39	202.90	32.29	190.00	32.84
	-17.8	-18.0	245.00	31.74	240.50	32.58	238.20	32.93	235.90	33.40	223.00	33.28	210.00	33.85
	-12.6	-13.0	275.20	33.23	270.60	34.07	268.30	34.43	266.10	34.89	253.10	34.78	240.10	35.34
	-7.1	-7.6	302.80	34.58	297.30	35.28	293.70	35.63	291.90	35.96	279.80	35.98	261.80	36.33
	-3.6	-4.0	319.50	35.28	314.10	35.98	309.40	36.33	303.30	36.33	285.10	36.33	265.20	35.62
	-1.8	-2.2	327.90	35.63	320.80	36.33	312.00	36.33	305.90	36.33	287.70	36.33	266.10	35.09
	2.0	1.0	340.90	36.33	325.90	36.33	317.20	36.33	311.00	36.33	291.20	35.73	267.80	34.11
	6.0	5.0	348.60	36.33	333.70	36.33	325.00	36.33	317.10	35.73	293.80	34.21	270.40	32.78
	10.0	9.0	353.80	36.33	338.90	36.04	328.40	35.38	318.80	34.70	295.50	33.30	272.10	31.73
	13.0	12.0	356.40	36.33	339.80	35.50	329.30	34.87	319.70	34.21	296.40	32.88	272.10	30.47
	17.0	15.0	362.40	35.26	342.40	34.03	331.90	33.47	322.30	32.89	298.10	30.73	272.10	27.00
	19.0	18.0	363.30	34.76	343.30	33.58	332.80	33.04	323.10	32.49	298.10	29.51	272.10	25.95
	23.0	21.0	365.00	33.83	345.00	32.74	334.50	32.25	324.00	30.80	298.10	27.27	272.10	24.00
	26.0	24.0	366.70	32.98	346.70	31.59	335.40	30.02	324.00	28.49	298.10	25.25	272.10	22.23
	30.0	28.0	368.50	32.21	346.70	29.24	335.40	27.79	324.00	26.38	298.10	23.41	272.10	20.64
	35.0	32.0	369.30	28.84	346.70	26.13	335.40	24.85	324.00	23.62	298.10	21.00	272.10	18.56
	39.0	36.0	369.30	26.81	346.70	24.32	335.40	23.14	324.00	22.00	298.10	19.59	272.10	17.34
	44.0	40.0	369.30	24.98	346.70	22.70	335.40	21.62	324.00	20.56	298.10	18.35	272.10	16.26
	47.0	43.0	369.30	24.14	346.70	21.95	335.40	20.91	324.00	19.90	298.10	17.77	272.10	15.77
	51.0	47.0	369.30	22.63	346.70	20.62	335.40	19.66	324.00	18.72	298.10	16.76	272.10	14.90
	54.0	50.0	369.30	21.30	346.70	19.44	335.40	18.54	324.00	17.68	298.10	15.85	272.10	14.13
	57.0	53.0	369.30	19.59	346.70	17.93	335.40	17.13	324.00	16.35	298.10	14.71	272.10	13.16
	60.0	56.0	369.30	18.61	346.70	17.07	335.40	16.33	324.00	15.60	298.10	14.07	272.10	12.61
90	-21.8	-22.0	217.60	32.09	209.80	32.29	204.70	32.29	199.60	32.64	188.00	32.84	176.30	31.70
	-17.8	-18.0	237.70	33.08	229.90	33.28	224.80	33.28	219.70	33.63	208.10	33.85	196.40	32.70
	-12.6	-13.0	267.10	34.58	260.10	34.78	255.00	34.78	249.90	35.13	238.20	35.34	226.60	34.19
	-7.1	-7.6	292.40	35.63	285.60	35.98	280.60	35.98	273.50	36.33	257.90	36.33	239.80	34.68
	-3.6	-4.0	306.50	36.33	293.90	36.33	286.20	36.33	278.60	36.33	261.30	35.28	241.50	33.73
	-1.8	-2.2	309.10	36.33	296.40	36.33	288.80	36.33	281.30	36.33	262.20	34.77	242.40	33.28
	2.0	1.0	314.30	36.33	301.70	36.33	294.00	36.01	284.70	35.28	263.90	33.81	244.10	32.44
	6.0	5.0	322.10	36.33	306.00	35.08	296.60	34.46	287.30	33.81	266.50	32.52	245.00	29.41
	10.0	9.0	325.50	35.34	307.70	34.10	298.30	33.53	289.00	32.94	268.30	30.88	245.00	27.11
	13.0	12.0	326.40	34.83	308.60	33.64	299.20	33.09	289.90	32.53	268.30	29.65	245.00	26.03
	17.0	15.0	329.00	33.43	311.10	32.39	301.80	31.35	291.60	29.70	268.30	26.28	245.00	23.09
	19.0	18.0	329.80	33.01	312.00	31.70	301.80	30.12	291.60	28.54	268.30	25.26	245.00	22.20
	23.0	21.0	331.60	32.22	312.00	29.28	301.80	27.83	291.60	26.38	268.30	23.37	245.00	20.55
	26.0	24.0	332.40	29.95	312.00	27.09	301.80	25.75	291.60	24.42	268.30	21.65	245.00	19.07
	30.0	28.0	332.40	27.74	312.00	25.10	301.80	23.87	291.60	22.65	268.30	20.10	245.00	17.73
	35.0	32.0	332.40	24.81	312.00	22.49	301.80	21.40	291.60	20.32	268.30	18.07	245.00	15.97
	39.0	36.0	332.40	23.12	312.00	20.97	301.80	19.96	291.60	18.98	268.30	16.90	245.00	14.96
	44.0	40.0	332.40	21.59	312.00	19.61	301.80	18.69	291.60	17.77	268.30	15.86	245.00	14.06
	47.0	43.0	332.40	20.89	312.00	18.99	301.80	18.10	291.60	17.22	268.30	15.38	245.00	13.65
	51.0	47.0	332.40	19.65	312.00	17.89	301.80	17.06	291.60	16.25	268.30	14.54	245.00	12.92
	54.0	50.0	332.40	18.54	312.00	16.90	301.80	16.14	291.60	15.38	268.30	13.79	245.00	12.29
	57.0	53.0	332.40	17.13	312.00	15.66	301.80	14.97	291.60	14.28	268.30	12.85	245.00	11.49
	60.0	56.0	332.40	16.34	312.00	14.96	301.80	14.31	291.60	13.66	268.30	12.32	245.00	11.04
80	-21.8	-22.0	201.60	32.79	192.50	32.64	188.00	32.84	183.40	32.10	173.10	31.59	162.70	30.70
	-17.8	-18.0	221.70	33.78	212.60	33.63	208.10	33.85	203.50	33.10	193.20	32.59	182.80	31.71
	-12.6	-13.0	251.10	35.28	242.80	35.13	238.20	35.34	233.70	34.59	223.30	34.08	212.90	33.20
	-7.1	-7.6	274.80	36.33	264.40	36.33	257.90	36.33	252.30	35.73	234.20	34.23	216.00	32.82
	-3.6	-4.0	279.90	36.33	269.60	36.07	261.30	35.36	254.00	34.70	235.90	33.32	217.80	31.84
	-1.8	-2.2	282.50	36.33	270.50	35.52	262.20	34.85	254.90	34.21	236.80	32.89	217.80	30.55
	2.0	1.0	287.70	35.78	272.20	34.51	263.90	33.89	256.60	33.30	238.50	32.03	217.80	28.12
	6.0	5.0	290.30	34.25	274.80	33.13	266.50	32.59	259.20	31.99	238.50	28.31	217.80	24.86
	10.0	9.0	292.00	33.34	276.50	32.31	268.30	31.10	259.20	29.47	238.50	26.10	217.80	22.93
	13.0	12.0	292.90	32.92	277.40	31.48	268.30	29.86	259.20	28.30	238.50	25.07	217.80	22.02
	17.0	15.0	295.50	30.88	277.40	27.89	268.30	26.47	259.20	25.09	238.50	22.23	217.80	19.55
	19.0	18.0	295.50	29.67	277.40	26.81	268.30	25.44	259.20	24.12	238.50	21.38	217.80	18.81
	23.0	21.0	295.50	27.41	277.40	24.79	268.30	23.53	259.20	22.32	238.50	19.80	217.80	17.43
	26.0	24.0	295.50	25.38	277.40	22.95	268.30	21.80	259.20	20.68	238.50	18.37	217.80	16.18
	30.0	28.0	295.50	23.53	277.40	21.30	268.30	20.25	259.20	19.22	238.50	17.08	217.80	15.07
	35.0	32.0	295.50	21.11	277.40	19.15	268.30	18.21	259.20	17.30	238.50	15.40	217.80	13.61
	39.0	36.0	295.50	19.70	277.40	17.89	268.30	17.02	259.20	16.18	238.50	14.42	217.80	12.76
	44.0	40.0	295.50	18.45	277.40	16.77	268.30	15.97	259.20	15.19	238.50	13.56	217.80	12.02
	47.0	43.0	295.50	17.87	277.40	16.26	268.30	15.49	259.20	14.74	238.50	13.17	217.80	11.68
	51.0	47.0	295.50	16.85	277.40	15.36	268.30	14.64	259.20	13.94	238.50	12.48	217.80	11.09
	54.0	50.0	295.50	15.96	277.40	14.56	268.30	13.89	259.20	13.24	238.50	11.86	217.80	10.56
	57.0	53.0	295.50	14.80	277.40	13.55	268.30	12.94	259.20	12.35	238.50	11.09	217.80	9.90
	60.0	56.0	295.50	14.16	277.40	12.97	268.30	12.40	259.20	11.85	238.50	10.67	217.80	9.53

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC288S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	183.10	32.84	175.20	32.11	171.20	32.11	167.20	31.44	158.20	31.05	149.10	30.26
	-17.8	-18.0	203.20	33.85	195.30	33.12	191.30	33.11	187.30	32.44	178.30	32.04	169.20	31.25
	-12.6	-13.0	233.30	35.34	225.40	34.61	221.50	34.60	217.50	33.93	205.20	33.53	189.60	32.20
	-7.1	-7.6	250.80	36.03	236.60	34.74	230.50	34.12	223.30	33.50	207.80	32.27	190.50	28.69
	-3.6	-4.0	252.50	34.97	238.40	33.79	232.20	33.21	225.10	32.64	208.70	30.13	190.50	26.41
	-1.8	-2.2	253.40	34.48	239.20	33.34	233.10	32.78	225.90	32.24	208.70	28.90	190.50	25.34
	2.0	1.0	255.10	33.54	241.00	32.49	234.80	31.71	226.80	30.03	208.70	26.61	190.50	23.34
	6.0	5.0	257.70	32.28	242.70	29.57	234.80	28.03	226.80	26.55	208.70	23.53	190.50	20.64
	10.0	9.0	258.60	30.15	242.70	27.25	234.80	25.84	226.80	24.47	208.70	21.70	190.50	19.05
	13.0	12.0	258.60	28.95	242.70	26.17	234.80	24.81	226.80	23.51	208.70	20.84	190.50	18.30
	17.0	15.0	258.60	25.66	242.70	23.22	234.80	22.02	226.80	20.87	208.70	18.52	190.50	16.27
	19.0	18.0	258.60	24.68	242.70	22.32	234.80	21.17	226.80	20.07	208.70	17.81	190.50	15.66
	23.0	21.0	258.60	22.83	242.70	20.66	234.80	19.61	226.80	18.59	208.70	16.51	190.50	14.53
	26.0	24.0	258.60	21.16	242.70	19.17	234.80	18.20	226.80	17.27	208.70	15.34	190.50	13.51
	30.0	28.0	258.60	19.66	242.70	17.82	234.80	16.93	226.80	16.07	208.70	14.29	190.50	12.60
	35.0	32.0	258.60	17.70	242.70	16.06	234.80	15.27	226.80	14.51	208.70	12.92	190.50	11.41
	39.0	36.0	258.60	16.56	242.70	15.04	234.80	14.31	226.80	13.61	208.70	12.13	190.50	10.73
	44.0	40.0	258.60	15.54	242.70	14.13	234.80	13.46	226.80	12.81	208.70	11.43	190.50	10.13
	47.0	43.0	258.60	15.08	242.70	13.72	234.80	13.07	226.80	12.44	208.70	11.11	190.50	9.85
	51.0	47.0	258.60	14.26	242.70	12.99	234.80	12.38	226.80	11.80	208.70	10.55	190.50	9.37
	54.0	50.0	258.60	13.55	242.70	12.36	234.80	11.79	226.80	11.23	208.70	10.06	190.50	8.95
	57.0	53.0	258.60	12.63	242.70	11.54	234.80	11.03	226.80	10.53	208.70	9.44	190.50	8.42
	60.0	56.0	258.60	12.12	242.70	11.09	234.80	10.60	226.80	10.13	208.70	9.09	190.50	8.12
60	-21.8	-22.0	164.70	31.83	157.90	31.25	154.50	30.69	151.00	30.70	143.20	29.35	135.50	27.18
	-17.8	-18.0	184.70	32.82	178.00	32.24	174.50	31.68	171.10	31.70	163.30	30.35	155.60	28.17
	-12.6	-13.0	214.80	34.31	204.50	33.73	198.60	33.17	192.70	32.62	178.80	30.07	163.30	26.40
	-7.1	-7.6	218.20	33.53	207.10	32.44	201.20	31.66	194.40	30.03	178.80	26.56	163.30	23.31
	-3.6	-4.0	219.90	32.67	208.00	30.75	201.20	29.15	194.40	27.65	178.80	24.45	163.30	21.47
	-1.8	-2.2	220.80	32.26	208.00	29.50	201.20	27.97	194.40	26.52	178.80	23.46	163.30	20.59
	2.0	1.0	221.60	30.08	208.00	27.17	201.20	25.76	194.40	24.42	178.80	21.61	163.30	18.97
	6.0	5.0	221.60	26.59	208.00	24.02	201.20	22.78	194.40	21.60	178.80	19.12	163.30	16.80
	10.0	9.0	221.60	24.51	208.00	22.15	201.20	21.01	194.40	19.93	178.80	17.65	163.30	15.50
	13.0	12.0	221.60	23.55	208.00	21.28	201.20	20.19	194.40	19.15	178.80	16.96	163.30	14.91
	17.0	15.0	221.60	20.91	208.00	18.91	201.20	17.94	194.40	17.02	178.80	15.10	163.30	13.27
	19.0	18.0	221.60	20.11	208.00	18.19	201.20	17.27	194.40	16.39	178.80	14.53	163.30	12.78
	23.0	21.0	221.60	18.64	208.00	16.86	201.20	16.01	194.40	15.20	178.80	13.49	163.30	11.88
	26.0	24.0	221.60	17.31	208.00	15.66	201.20	14.88	194.40	14.14	178.80	12.56	163.30	11.06
	30.0	28.0	221.60	16.11	208.00	14.59	201.20	13.86	194.40	13.18	178.80	11.72	163.30	10.33
	35.0	32.0	221.60	14.56	208.00	13.20	201.20	12.55	194.40	11.93	178.80	10.63	163.30	9.39
	39.0	36.0	221.60	13.66	208.00	12.39	201.20	11.79	194.40	11.22	178.80	10.00	163.30	8.85
	44.0	40.0	221.60	12.86	208.00	11.67	201.20	11.12	194.40	10.58	178.80	9.45	163.30	8.37
	47.0	43.0	221.60	12.49	208.00	11.35	201.20	10.81	194.40	10.29	178.80	9.20	163.30	8.15
	51.0	47.0	221.60	11.86	208.00	10.78	201.20	10.28	194.40	9.79	178.80	8.76	163.30	7.77
	54.0	50.0	221.60	11.30	208.00	10.28	201.20	9.80	194.40	9.35	178.80	8.38	163.30	7.45
	57.0	53.0	221.60	10.58	208.00	9.65	201.20	9.21	194.40	8.79	178.80	7.90	163.30	7.03
	60.0	56.0	221.60	10.19	208.00	9.29	201.20	8.89	194.40	8.47	178.80	7.63	163.30	6.79
50	-21.8	-22.0	146.20	30.75	140.50	29.58	137.70	28.05	134.80	27.64	128.40	24.79	121.90	23.12
	-17.8	-18.0	166.30	31.75	160.60	30.57	157.80	29.04	154.90	28.64	147.20	25.78	136.10	23.68
	-12.6	-13.0	183.90	32.33	173.40	29.79	167.70	28.33	162.00	26.83	149.10	23.77	136.10	20.92
	-7.1	-7.6	184.70	29.16	173.40	26.31	167.70	25.02	162.00	23.70	149.10	21.00	136.10	18.47
	-3.6	-4.0	184.70	26.84	173.40	24.22	167.70	23.04	162.00	21.81	149.10	19.33	136.10	17.01
	-1.8	-2.2	184.70	25.76	173.40	23.24	167.70	22.11	162.00	20.93	149.10	18.55	136.10	16.33
	2.0	1.0	184.70	23.72	173.40	21.41	167.70	20.36	162.00	19.28	149.10	17.09	136.10	15.04
	6.0	5.0	184.70	20.99	173.40	18.94	167.70	18.02	162.00	17.07	149.10	15.14	136.10	13.32
	10.0	9.0	184.70	19.36	173.40	17.49	167.70	16.63	162.00	15.76	149.10	13.98	136.10	12.31
	13.0	12.0	184.70	18.61	173.40	16.81	167.70	15.99	162.00	15.15	149.10	13.44	136.10	11.84
	17.0	15.0	184.70	16.56	173.40	14.96	167.70	14.24	162.00	13.50	149.10	11.98	136.10	10.56
	19.0	18.0	184.70	15.94	173.40	14.40	167.70	13.70	162.00	12.99	149.10	11.54	136.10	10.17
	23.0	21.0	184.70	14.78	173.40	13.37	167.70	12.73	162.00	12.08	149.10	10.73	136.10	9.47
	26.0	24.0	184.70	13.76	173.40	12.45	167.70	11.86	162.00	11.25	149.10	10.01	136.10	8.83
	30.0	28.0	184.70	12.83	173.40	11.63	167.70	11.07	162.00	10.51	149.10	9.35	136.10	8.26
	35.0	32.0	184.70	11.63	173.40	10.55	167.70	10.06	162.00	9.55	149.10	8.51	136.10	7.52
	39.0	36.0	184.70	10.94	173.40	9.93	167.70	9.47	162.00	8.99	149.10	8.03	136.10	7.10
	44.0	40.0	184.70	10.33	173.40	9.39	167.70	8.96	162.00	8.51	149.10	7.61	136.10	6.74
	47.0	43.0	184.70	10.05	173.40	9.14	167.70	8.72	162.00	8.29	149.10	7.41	136.10	6.57
	51.0	47.0	184.70	9.56	173.40	8.71	167.70	8.31	162.00	7.91	149.10	7.07	136.10	6.28
	54.0	50.0	184.70	9.14	173.40	8.33	167.70	7.96	162.00	7.57	149.10	6.78	136.10	6.03
	57.0	53.0	184.70	8.61	173.40	7.85	167.70	7.51	162.00	7.14	149.10	6.41	136.10	5.70
	60.0	56.0	184.70	8.31	173.40	7.60	167.70	7.26	162.00	6.92	149.10	6.21	136.10	5.52

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC312S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	263.60	6.20	320.40	8.45	377.20	10.63	405.60	11.97	457.30	13.95	509.69	14.93	545.50	16.41
	10	263.60	6.53	320.40	8.81	377.20	11.02	405.60	12.34	457.30	14.31	504.65	15.24	540.10	16.66
	14	263.60	6.87	320.40	9.18	377.20	11.42	405.60	12.73	457.30	14.68	499.65	15.55	534.75	16.92
	23	263.60	7.24	320.40	9.56	377.20	11.83	405.60	13.13	457.30	15.05	494.70	15.87	529.46	17.18
	27	263.60	7.62	320.40	9.96	377.20	12.26	405.60	13.54	457.30	15.44	489.81	16.19	524.22	17.44
	32	263.60	8.03	320.40	10.37	377.20	12.70	405.60	13.95	457.30	15.84	484.96	16.52	519.03	17.71
	37	263.60	8.45	320.40	10.81	377.20	13.16	405.60	14.38	457.30	16.25	480.15	16.85	513.89	17.98
	41	263.60	8.90	320.40	11.26	377.20	13.64	405.60	14.82	457.30	16.66	475.40	17.20	508.80	18.25
	46	263.60	9.08	320.40	11.47	377.20	13.85	405.60	15.05	454.10	16.85	472.10	17.45	504.20	18.54
	50	263.60	9.25	320.40	11.66	377.20	14.08	405.60	15.29	451.90	17.06	470.00	17.70	501.00	18.86
	54	263.60	9.51	320.40	11.94	377.20	14.38	405.60	15.62	449.70	17.35	467.80	18.06	497.90	19.30
	57	263.60	9.79	320.40	12.24	377.20	14.75	405.60	16.04	447.60	17.78	465.70	18.51	494.80	19.79
	61	263.60	10.09	320.40	12.63	377.20	15.24	405.60	16.55	445.40	18.25	463.50	19.05	491.70	20.38
	64	263.60	10.48	320.40	13.07	377.20	15.75	405.60	17.15	443.30	18.87	461.30	19.73	488.60	21.25
	68	263.60	10.88	320.40	13.56	377.20	16.41	404.90	17.92	441.10	19.67	458.40	20.62	485.40	22.32
	72	263.60	11.35	320.40	14.16	377.20	17.25	402.70	18.74	438.90	20.72	455.30	21.69	482.30	23.73
	75	263.60	11.85	320.40	14.88	377.20	18.30	400.60	19.84	436.80	21.95	452.20	23.06	479.20	25.40
	79	263.60	12.47	320.40	15.77	377.20	19.50	398.40	21.05	434.60	23.49	449.00	24.64	469.90	26.90
	82	263.60	13.22	320.40	16.79	377.20	20.95	396.20	22.55	432.40	25.14	441.30	26.01	458.10	28.26
	86	263.60	14.07	320.40	17.99	376.00	22.51	390.00	23.76	422.00	26.25	429.10	27.13	446.30	29.71
	90	263.60	15.05	320.40	19.47	366.90	23.42	379.60	24.60	408.70	27.24	414.60	28.15	430.10	30.25
	93	263.60	16.36	320.40	21.06	356.60	24.24	369.20	25.58	391.40	27.95	397.50	28.83	413.40	29.81
	95	263.60	17.05	320.40	21.86	351.40	24.70	364.10	26.07	382.80	28.24	389.00	28.80	405.10	29.50
	99	263.60	18.54	315.00	23.04	341.10	25.64	347.80	26.58	365.50	28.12	371.80	28.32	388.60	28.64
	102	263.60	20.05	304.00	23.80	324.80	26.12	331.60	26.81	348.30	27.60	354.60	27.57	372.00	27.80
	106	263.60	21.86	293.00	24.62	308.60	26.16	315.30	26.45	330.90	26.80	337.50	26.71	355.40	27.00
	111	252.60	23.61	270.40	25.07	284.10	25.69	290.90	25.65	305.00	25.62	311.90	25.54	330.60	25.88
	115	241.50	24.52	253.20	24.83	267.90	25.16	274.60	25.11	287.70	24.93	294.80	24.84	311.40	24.98
	118	227.00	24.74	236.00	24.50	251.60	24.79	258.40	24.72	270.50	24.34	275.00	23.98	289.50	23.92
	120	218.10	24.79	227.40	24.36	243.50	24.68	250.30	24.59	259.10	23.82	263.70	23.46	273.00	22.75
	122	205.00	23.55	213.80	23.14	228.90	23.45	235.30	23.36	243.60	22.63	247.90	22.29	256.60	21.62
120	5	243.40	5.75	295.80	7.78	348.20	9.73	374.40	10.92	426.80	12.96	453.00	14.28	527.06	15.95
	10	243.40	6.05	295.80	8.10	348.20	10.08	374.40	11.25	426.80	13.29	453.00	14.57	521.85	16.19
	14	243.40	6.37	295.80	8.43	348.20	10.44	374.40	11.60	426.80	13.63	453.00	14.87	516.67	16.44
	23	243.40	6.70	295.80	8.78	348.20	10.81	374.40	11.96	426.80	13.98	453.00	15.17	511.56	16.69
	27	243.40	7.06	295.80	9.15	348.20	11.20	374.40	12.33	426.80	14.34	453.00	15.47	506.49	16.94
	32	243.40	7.43	295.80	9.53	348.20	11.61	374.40	12.72	426.80	14.71	453.00	15.79	501.49	17.19
	37	243.40	7.82	295.80	9.93	348.20	12.03	374.40	13.12	426.80	15.08	453.00	16.11	496.52	17.45
	41	243.40	8.23	295.80	10.34	348.20	12.47	374.40	13.52	426.80	15.46	453.00	16.44	491.60	17.72
	46	243.40	8.39	295.80	10.52	348.20	12.66	374.40	13.72	426.80	15.76	451.70	16.71	488.30	17.97
	50	243.40	8.53	295.80	10.68	348.20	12.85	374.40	13.93	426.80	16.03	449.50	16.90	486.20	18.23
	54	243.40	8.73	295.80	10.91	348.20	13.10	374.40	14.21	426.80	16.37	447.30	17.18	484.00	18.62
	57	243.40	8.96	295.80	11.15	348.20	13.41	374.40	14.55	426.80	16.84	445.20	17.57	481.90	19.08
	61	243.40	9.21	295.80	11.48	348.20	13.81	374.40	15.02	424.60	17.25	443.00	18.01	479.70	19.65
	64	243.40	9.53	295.80	11.86	348.20	14.26	374.40	15.50	422.50	17.76	440.90	18.59	477.50	20.37
	68	243.40	9.85	295.80	12.27	348.20	14.82	374.40	16.16	420.30	18.44	438.70	19.34	475.10	21.32
	72	243.40	10.26	295.80	12.79	348.20	15.53	374.40	16.97	418.10	19.33	436.50	20.36	472.00	22.49
	75	243.40	10.71	295.80	13.42	348.20	16.40	374.40	18.05	416.00	20.46	434.40	21.58	468.90	23.96
	79	243.40	11.28	295.80	14.22	348.20	17.53	374.40	19.36	413.80	21.82	432.20	23.07	464.20	25.51
	82	243.40	11.97	295.80	15.16	348.20	18.81	374.40	20.89	411.70	23.40	430.10	24.73	452.30	26.64
	86	243.40	12.73	295.80	16.23	348.20	20.34	372.80	22.48	404.90	24.68	419.40	25.76	440.00	27.76
	90	243.40	13.61	295.80	17.53	348.20	22.02	364.20	23.51	393.90	25.59	408.10	26.78	423.60	28.67
	93	243.40	14.70	295.80	19.01	343.00	23.25	354.00	24.29	383.00	26.56	391.10	27.42	407.30	29.20
	95	243.40	15.32	295.80	19.80	337.80	23.61	348.80	24.72	374.70	26.85	382.50	27.71	399.00	29.01
	99	243.40	16.71	295.80	21.38	327.50	24.41	338.60	25.59	358.10	27.31	365.50	27.80	382.60	28.47
	102	243.40	18.14	295.80	23.17	317.20	25.23	322.70	25.93	341.50	27.10	348.40	27.25	366.20	27.64
	106	243.40	19.77	285.00	23.87	303.90	25.72	306.80	25.91	324.90	26.54	331.30	26.49	349.80	26.87
	111	243.40	22.60	268.90	24.91	279.50	25.33	282.90	25.23	300.00	25.50	305.70	25.34	325.30	25.78
	115	233.50	23.40	252.40	24.72	263.30	24.90	267.00	24.76	283.40	24.90	288.70	24.66	306.10	24.90
	118	223.70	24.19	235.70	24.50	247.00	24.57	251.20	24.42	264.00	24.13	269.00	23.82	284.20	23.85
	120	218.80	24.66	227.50	24.45	238.90	24.48	243.20	24.34	252.80	23.64	257.70	23.31	267.60	22.68
	122	205.70	23.43	213.80	23.23	224.60	23.25	228.60	23.12	237.60	22.46	242.20	22.14	251.50	21.55

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC312S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	223.00	5.28	271.10	7.09	319.20	8.77	343.20	9.87	391.30	11.73	415.30	12.95	463.40	15.03
	10	223.00	5.56	271.10	7.38	319.20	9.09	343.20	10.18	391.30	12.03	415.30	13.21	463.40	15.25
	14	223.00	5.85	271.10	7.69	319.20	9.42	343.20	10.50	391.30	12.34	415.30	13.47	463.40	15.48
	23	223.00	6.15	271.10	8.01	319.20	9.77	343.20	10.82	391.30	12.66	415.30	13.75	463.40	15.72
	27	223.00	6.47	271.10	8.34	319.20	10.13	343.20	11.15	391.30	12.99	415.30	14.03	463.40	15.96
	32	223.00	6.81	271.10	8.69	319.20	10.50	343.20	11.50	391.30	13.32	415.30	14.32	463.40	16.21
	37	223.00	7.17	271.10	9.05	319.20	10.89	343.20	11.86	391.30	13.66	415.30	14.61	463.40	16.46
	41	223.00	7.55	271.10	9.42	319.20	11.29	343.20	12.22	391.30	14.01	415.30	14.91	463.40	16.71
	46	223.00	7.71	271.10	9.59	319.20	11.46	343.20	12.41	391.30	14.23	415.30	15.17	463.40	17.04
	50	223.00	7.82	271.10	9.71	319.20	11.61	343.20	12.57	391.30	14.45	415.30	15.40	461.70	17.25
	54	223.00	7.97	271.10	9.89	319.20	11.84	343.20	12.82	391.30	14.74	415.30	15.72	459.60	17.53
	57	223.00	8.15	271.10	10.10	319.20	12.09	343.20	13.09	391.30	15.11	415.30	16.14	457.40	17.89
	61	223.00	8.35	271.10	10.35	319.20	12.43	343.20	13.48	391.30	15.57	415.30	16.63	455.20	18.36
	64	223.00	8.60	271.10	10.66	319.20	12.82	343.20	13.92	391.30	16.10	415.30	17.24	453.10	19.01
	68	223.00	8.84	271.10	11.00	319.20	13.27	343.20	14.45	391.30	16.79	413.70	17.91	450.90	19.80
	72	223.00	9.17	271.10	11.46	319.20	13.87	343.20	15.13	391.30	17.65	411.50	18.73	448.80	20.79
	75	223.00	9.60	271.10	12.01	319.20	14.61	343.20	15.99	390.70	18.73	409.40	19.80	446.60	22.09
	79	223.00	10.11	271.10	12.70	319.20	15.58	343.20	17.17	388.60	19.97	407.20	21.13	444.40	23.63
	82	223.00	10.74	271.10	13.55	319.20	16.78	343.20	18.59	386.40	21.41	405.00	22.65	436.90	24.87
	86	223.00	11.43	271.10	14.55	319.20	18.16	343.20	20.19	384.30	22.99	399.20	23.99	426.30	25.89
	90	223.00	12.22	271.10	15.68	319.20	19.70	343.20	21.91	375.50	24.03	388.50	24.86	413.20	26.72
	93	223.00	13.12	271.10	17.00	319.20	21.40	338.20	23.23	364.90	24.83	377.80	25.71	397.50	27.41
	95	223.00	13.67	271.10	17.73	319.20	22.24	333.20	23.60	359.70	25.23	372.40	26.14	389.70	27.73
	99	223.00	14.89	271.10	19.26	314.00	23.42	323.20	24.32	349.10	26.04	356.40	26.60	374.00	27.78
	102	223.00	16.27	271.10	20.87	303.60	24.08	313.20	25.03	332.90	26.29	340.50	26.64	358.30	27.28
	106	223.00	17.77	271.10	22.63	293.30	24.71	300.50	25.45	316.80	26.02	324.50	26.15	342.70	26.55
	111	223.00	20.32	257.90	23.75	272.90	24.86	277.60	25.05	292.60	25.14	300.60	25.20	319.20	25.59
	115	223.00	22.11	249.20	24.40	257.60	24.51	262.20	24.69	276.40	24.61	284.60	24.65	300.50	24.77
	118	217.30	23.29	238.20	24.82	242.40	24.35	246.90	24.46	257.30	23.90	262.60	23.64	278.80	23.76
	120	206.80	22.81	221.90	23.70	231.30	23.95	236.10	24.08	246.40	23.46	251.70	23.17	262.40	22.60
	122	194.40	21.67	208.50	22.51	217.40	22.75	221.90	22.88	231.70	22.29	236.60	22.01	246.60	21.47
100	5	202.80	4.81	246.40	6.37	290.20	7.88	312.00	8.83	355.60	10.53	377.60	11.63	421.20	13.54
	10	202.80	5.06	246.40	6.64	290.20	8.16	312.00	9.10	355.60	10.80	377.60	11.87	421.20	13.75
	14	202.80	5.33	246.40	6.92	290.20	8.45	312.00	9.38	355.60	11.08	377.60	12.11	421.20	13.96
	23	202.80	5.61	246.40	7.21	290.20	8.76	312.00	9.67	355.60	11.36	377.60	12.36	421.20	14.17
	27	202.80	5.90	246.40	7.52	290.20	9.08	312.00	9.97	355.60	11.65	377.60	12.61	421.20	14.38
	32	202.80	6.21	246.40	7.84	290.20	9.41	312.00	10.28	355.60	11.95	377.60	12.87	421.20	14.60
	37	202.80	6.54	246.40	8.16	290.20	9.76	312.00	10.60	355.60	12.25	377.60	13.13	421.20	14.82
	41	202.80	6.88	246.40	8.50	290.20	10.12	312.00	10.93	355.60	12.57	377.60	13.39	421.20	15.04
	46	202.80	7.02	246.40	8.65	290.20	10.27	312.00	11.09	355.60	12.75	377.60	13.58	421.20	15.23
	50	202.80	7.12	246.40	8.76	290.20	10.40	312.00	11.22	355.60	12.91	377.60	13.76	421.20	15.45
	54	202.80	7.22	246.40	8.88	290.20	10.58	312.00	11.44	355.60	13.15	377.60	14.02	421.20	15.78
	57	202.80	7.34	246.40	9.05	290.20	10.78	312.00	11.66	355.60	13.44	377.60	14.34	421.20	16.15
	61	202.80	7.50	246.40	9.26	290.20	11.06	312.00	12.00	355.60	13.81	377.60	14.73	421.20	16.62
	64	202.80	7.67	246.40	9.49	290.20	11.40	312.00	12.38	355.60	14.27	377.60	15.24	421.20	17.26
	68	202.80	7.84	246.40	9.76	290.20	11.78	312.00	12.82	355.60	14.83	377.60	15.87	421.20	18.08
	72	202.80	8.10	246.40	10.14	290.20	12.28	312.00	13.37	355.60	15.53	377.60	16.68	421.20	19.06
	75	202.80	8.47	246.40	10.63	290.20	12.89	312.00	14.07	355.60	16.43	377.60	17.68	421.20	20.22
	79	202.80	8.95	246.40	11.23	290.20	13.69	312.00	15.02	355.60	17.62	377.60	18.98	421.20	21.78
	82	202.80	9.52	246.40	11.98	290.20	14.77	312.00	16.34	355.60	19.12	377.60	20.55	416.10	23.11
	86	202.80	10.15	246.40	12.89	290.20	16.08	312.00	17.86	355.60	20.75	377.60	22.25	406.00	24.05
	90	202.80	10.84	246.40	13.93	290.20	17.48	312.00	19.44	355.60	22.51	368.20	23.21	395.90	24.92
	93	202.80	11.63	246.40	15.09	290.20	19.01	312.00	21.24	345.70	23.35	358.80	24.05	385.70	25.69
	95	202.80	12.07	246.40	15.71	290.20	19.90	312.00	22.11	340.70	23.70	354.10	24.43	380.70	26.09
	99	202.80	13.09	246.40	17.18	290.20	21.57	307.20	23.29	330.70	24.33	344.70	25.18	365.60	26.58
	102	202.80	14.40	246.40	18.72	290.20	23.21	297.50	23.83	320.80	24.98	332.70	25.76	350.60	26.70
	106	202.80	15.85	246.40	20.30	279.80	23.65	287.80	24.40	308.00	25.34	318.50	25.86	335.50	26.23
	111	202.80	18.17	246.40	22.75	264.20	24.21	271.20	24.79	284.60	24.68	297.10	25.32	312.90	25.37
	115	202.80	19.71	237.00	23.09	253.80	24.39	257.20	24.59	269.10	24.28	282.90	25.00	294.80	24.63
	118	202.80	21.20	227.60	23.53	234.90	23.81	239.70	24.16	250.70	23.67	262.20	24.21	273.60	23.69
	120	195.00	20.97	213.10	22.56	223.80	23.41	228.90	23.82	240.00	23.28	245.70	23.02	257.10	22.52
	122	183.30	19.92	200.40	21.43	210.40	22.24	215.20	22.63	225.60	22.11	231.00	21.87	241.60	21.39

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC312S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	182.60	4.33	221.90	5.73	261.20	7.04	280.80	7.88	320.10	9.37	339.70	10.34	379.00	12.02
	10	182.60	4.56	221.90	5.97	261.20	7.29	280.80	8.12	320.10	9.61	339.70	10.55	379.00	12.20
	14	182.60	4.80	221.90	6.22	261.20	7.56	280.80	8.37	320.10	9.86	339.70	10.76	379.00	12.38
	23	182.60	5.05	221.90	6.47	261.20	7.84	280.80	8.63	320.10	10.11	339.70	10.98	379.00	12.56
	27	182.60	5.32	221.90	6.74	261.20	8.12	280.80	8.90	320.10	10.37	339.70	11.20	379.00	12.76
	32	182.60	5.60	221.90	7.02	261.20	8.41	280.80	9.18	320.10	10.63	339.70	11.43	379.00	12.96
	37	182.60	5.89	221.90	7.31	261.20	8.72	280.80	9.46	320.10	10.91	339.70	11.67	379.00	13.16
	41	182.60	6.20	221.90	7.62	261.20	9.04	280.80	9.75	320.10	11.19	339.70	11.91	379.00	13.36
	46	182.60	6.34	221.90	7.76	261.20	9.18	280.80	9.90	320.10	11.35	339.70	12.07	379.00	13.52
	50	182.60	6.44	221.90	7.87	261.20	9.31	280.80	10.02	320.10	11.48	339.70	12.22	379.00	13.69
	54	182.60	6.53	221.90	7.98	261.20	9.44	280.80	10.18	320.10	11.67	339.70	12.41	379.00	13.92
	57	182.60	6.65	221.90	8.12	261.20	9.61	280.80	10.36	320.10	11.90	339.70	12.68	379.00	14.24
	61	182.60	6.79	221.90	8.30	261.20	9.85	280.80	10.63	320.10	12.21	339.70	13.01	379.00	14.62
	64	182.60	6.95	221.90	8.51	261.20	10.13	280.80	10.95	320.10	12.59	339.70	13.42	379.00	15.13
	68	182.60	7.10	221.90	8.75	261.20	10.46	280.80	11.33	320.10	13.05	339.70	13.95	379.00	15.80
	72	182.60	7.32	221.90	9.07	261.20	10.88	280.80	11.80	320.10	13.65	339.70	14.62	379.00	16.65
	75	182.60	7.64	221.90	9.47	261.20	11.38	280.80	12.37	320.10	14.40	339.70	15.44	379.00	17.62
	79	182.60	8.02	221.90	9.98	261.20	12.05	280.80	13.12	320.10	15.30	339.70	16.42	379.00	18.71
	82	182.60	8.50	221.90	10.60	261.20	12.86	280.80	14.06	320.10	16.41	339.70	17.61	379.00	20.12
	86	182.60	9.01	221.90	11.34	261.20	13.89	280.80	15.26	320.10	17.73	339.70	19.01	379.00	21.68
	90	182.60	9.60	221.90	12.18	261.20	15.03	280.80	16.54	320.10	19.16	339.70	20.52	374.30	22.88
	93	182.60	10.28	221.90	13.16	261.20	16.28	280.80	17.93	320.10	20.72	339.70	22.13	364.80	23.64
	95	182.60	10.69	221.90	13.70	261.20	16.98	280.80	18.72	320.10	21.53	339.70	22.94	360.10	23.97
	99	182.60	11.63	221.90	14.96	261.20	18.49	280.80	20.33	320.10	23.16	330.10	23.61	350.60	24.65
	102	182.60	12.80	221.90	16.34	261.20	20.04	280.80	21.95	309.40	23.69	320.50	24.28	341.10	25.42
	106	182.60	14.07	221.90	17.75	261.20	21.66	275.70	23.08	298.60	24.27	310.90	25.02	328.90	25.84
	111	182.60	16.14	221.90	20.14	255.60	23.66	260.20	23.94	282.30	24.87	291.10	25.14	306.60	25.24
	115	182.60	17.63	221.90	21.86	244.30	23.98	249.40	24.25	265.10	24.36	275.90	24.81	288.80	24.56
	118	182.60	19.23	208.30	21.82	227.40	23.68	230.00	23.64	243.00	23.40	255.10	24.01	268.20	23.73
	120	173.70	18.88	193.70	20.85	210.50	22.46	218.90	23.27	231.90	22.97	238.40	22.83	251.80	22.57
	122	163.30	17.94	182.10	19.81	197.90	21.34	205.80	22.11	218.00	21.82	224.10	21.69	236.60	21.44
80	5	162.20	3.72	197.20	4.88	232.10	5.98	249.60	6.69	284.60	7.93	302.00	8.75	337.00	10.15
	10	162.20	3.93	197.20	5.11	232.10	6.23	249.60	6.93	284.60	8.18	302.00	8.97	337.00	10.36
	14	162.20	4.16	197.20	5.35	232.10	6.49	249.60	7.18	284.60	8.43	302.00	9.20	337.00	10.57
	23	162.20	4.40	197.20	5.60	232.10	6.76	249.60	7.44	284.60	8.69	302.00	9.44	337.00	10.78
	27	162.20	4.65	197.20	5.87	232.10	7.04	249.60	7.71	284.60	8.96	302.00	9.68	337.00	11.00
	32	162.20	4.92	197.20	6.15	232.10	7.33	249.60	7.99	284.60	9.24	302.00	9.93	337.00	11.22
	37	162.20	5.21	197.20	6.44	232.10	7.64	249.60	8.28	284.60	9.53	302.00	10.18	337.00	11.44
	41	162.20	5.52	197.20	6.75	232.10	7.96	249.60	8.58	284.60	9.82	302.00	10.44	337.00	11.68
	46	162.20	5.65	197.20	6.87	232.10	8.10	249.60	8.72	284.60	9.96	302.00	10.59	337.00	11.83
	50	162.20	5.75	197.20	6.97	232.10	8.21	249.60	8.82	284.60	10.07	302.00	10.70	337.00	11.96
	54	162.20	5.85	197.20	7.08	232.10	8.32	249.60	8.94	284.60	10.21	302.00	10.84	337.00	12.11
	57	162.20	5.95	197.20	7.21	232.10	8.46	249.60	9.09	284.60	10.38	302.00	11.05	337.00	12.37
	61	162.20	6.08	197.20	7.35	232.10	8.65	249.60	9.29	284.60	10.64	302.00	11.32	337.00	12.70
	64	162.20	6.21	197.20	7.54	232.10	8.87	249.60	9.55	284.60	10.95	302.00	11.67	337.00	13.12
	68	162.20	6.35	197.20	7.74	232.10	9.16	249.60	9.88	284.60	11.34	302.00	12.09	337.00	13.63
	72	162.20	6.53	197.20	8.01	232.10	9.52	249.60	10.28	284.60	11.85	302.00	12.65	337.00	14.34
	75	162.20	6.78	197.20	8.34	232.10	9.94	249.60	10.76	284.60	12.47	302.00	13.36	337.00	15.21
	79	162.20	7.09	197.20	8.76	232.10	10.49	249.60	11.37	284.60	13.22	302.00	14.17	337.00	16.13
	82	162.20	7.45	197.20	9.25	232.10	11.13	249.60	12.09	284.60	14.05	302.00	15.05	337.00	17.10
	86	162.20	7.87	197.20	9.84	232.10	11.88	249.60	12.93	284.60	15.03	302.00	16.12	337.00	18.39
	90	162.20	8.36	197.20	10.51	232.10	12.77	249.60	13.93	284.60	16.18	302.00	17.36	337.00	19.80
	93	162.20	8.94	197.20	11.30	232.10	13.76	249.60	15.02	284.60	17.45	302.00	18.69	337.00	21.24
	95	162.20	9.31	197.20	11.76	232.10	14.32	249.60	15.63	284.60	18.11	302.00	19.40	337.00	21.97
	99	162.20	10.15	197.20	12.81	232.10	15.56	249.60	16.97	284.60	19.56	302.00	20.86	332.40	22.99
	102	162.20	11.17	197.20	14.00	232.10	16.94	249.60	18.45	284.60	21.08	302.00	22.40	323.30	23.56
	106	162.20	12.21	197.20	15.24	232.10	18.43	249.60	20.08	284.60	22.76	296.90	23.50	314.10	24.21
	111	162.20	14.10	197.20	17.51	232.10	21.08	249.60	22.93	270.40	23.93	281.80	24.55	300.40	25.09
	115	162.20	15.52	197.20	19.26	232.10	23.15	240.30	23.83	259.60	24.35	268.70	24.56	283.20	24.54
	118	162.20	17.29	188.80	20.08	213.60	22.68	225.70	23.94	240.50	23.85	247.90	23.83	263.00	23.78
	120	150.40	16.65	173.90	19.10	197.30	21.52	208.90	22.73	223.80	22.66	231.30	22.64	246.50	22.61
	122	141.40	15.82	163.50	18.15	185.50	20.45	196.40	21.59	210.30	21.52	217.40	21.51	231.80	21.48

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC312S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	142.00	3.28	172.50	4.27	203.10	5.21	218.40	5.81	249.00	6.86	264.30	7.55	294.80	8.72
	10	142.00	3.47	172.50	4.47	203.10	5.43	218.40	6.02	249.00	7.07	264.30	7.75	294.80	8.90
	14	142.00	3.67	172.50	4.68	203.10	5.66	218.40	6.24	249.00	7.28	264.30	7.95	294.80	9.08
	23	142.00	3.88	172.50	4.91	203.10	5.90	218.40	6.47	249.00	7.51	264.30	8.15	294.80	9.26
	27	142.00	4.11	172.50	5.14	203.10	6.14	218.40	6.71	249.00	7.75	264.30	8.36	294.80	9.44
	32	142.00	4.35	172.50	5.38	203.10	6.39	218.40	6.95	249.00	7.99	264.30	8.57	294.80	9.64
	37	142.00	4.60	172.50	5.63	203.10	6.66	218.40	7.20	249.00	8.24	264.30	8.79	294.80	9.84
	41	142.00	4.87	172.50	5.90	203.10	6.94	218.40	7.46	249.00	8.49	264.30	9.01	294.80	10.04
	46	142.00	4.97	172.50	6.01	203.10	7.06	218.40	7.58	249.00	8.62	264.30	9.13	294.80	10.17
	50	142.00	5.07	172.50	6.11	203.10	7.16	218.40	7.68	249.00	8.72	264.30	9.24	294.80	10.28
	54	142.00	5.15	172.50	6.20	203.10	7.25	218.40	7.78	249.00	8.83	264.30	9.35	294.80	10.40
	57	142.00	5.23	172.50	6.30	203.10	7.36	218.40	7.90	249.00	8.96	264.30	9.50	294.80	10.58
	61	142.00	5.34	172.50	6.42	203.10	7.51	218.40	8.06	249.00	9.16	264.30	9.72	294.80	10.85
	64	142.00	5.46	172.50	6.57	203.10	7.70	218.40	8.26	249.00	9.42	264.30	10.00	294.80	11.19
	68	142.00	5.58	172.50	6.75	203.10	7.93	218.40	8.52	249.00	9.73	264.30	10.35	294.80	11.61
	72	142.00	5.71	172.50	6.95	203.10	8.21	218.40	8.84	249.00	10.13	264.30	10.79	294.80	12.15
	75	142.00	5.89	172.50	7.22	203.10	8.56	218.40	9.25	249.00	10.64	264.30	11.36	294.80	12.86
	79	142.00	6.11	172.50	7.54	203.10	8.99	218.40	9.72	249.00	11.26	264.30	12.05	294.80	13.68
	82	142.00	6.39	172.50	7.94	203.10	9.51	218.40	10.32	249.00	11.95	264.30	12.79	294.80	14.51
	86	142.00	6.71	172.50	8.38	203.10	10.06	218.40	10.91	249.00	12.67	264.30	13.57	294.80	15.42
	90	142.00	7.10	172.50	8.89	203.10	10.73	218.40	11.66	249.00	13.56	264.30	14.55	294.80	16.62
	93	142.00	7.56	172.50	9.52	203.10	11.50	218.40	12.51	249.00	14.59	264.30	15.66	294.80	17.87
	95	142.00	7.87	172.50	9.89	203.10	11.95	218.40	13.00	249.00	15.17	264.30	16.27	294.80	18.52
	99	142.00	8.58	172.50	10.76	203.10	12.98	218.40	14.10	249.00	16.37	264.30	17.52	294.80	19.84
	102	142.00	9.47	172.50	11.78	203.10	14.15	218.40	15.36	249.00	17.72	264.30	18.90	294.80	21.21
	106	142.00	10.35	172.50	12.88	203.10	15.49	218.40	16.84	249.00	19.20	264.30	20.36	294.80	22.62
	111	142.00	11.96	172.50	14.88	203.10	17.87	218.40	19.37	249.00	21.69	264.30	22.84	280.50	23.36
	115	142.00	13.34	172.50	16.50	203.10	19.74	218.40	21.38	243.30	22.96	252.80	23.45	270.00	23.94
	118	142.00	15.12	168.60	18.19	196.10	21.30	210.10	22.87	226.80	23.14	235.00	23.25	251.10	23.43
	120	130.40	15.37	155.80	17.97	181.40	20.58	194.30	21.90	210.30	22.03	218.40	22.11	234.60	22.27
	122	122.60	14.60	146.50	17.07	170.50	19.55	182.70	20.81	197.60	20.93	205.30	21.00	220.50	21.16
60	5	121.60	2.73	147.90	3.56	174.10	4.33	187.20	4.82	213.40	5.42	226.50	5.73	252.80	6.31
	10	121.60	2.90	147.90	3.75	174.10	4.53	187.20	5.02	213.40	5.65	226.50	5.97	252.80	6.57
	14	121.60	3.09	147.90	3.95	174.10	4.74	187.20	5.23	213.40	5.89	226.50	6.22	252.80	6.85
	23	121.60	3.29	147.90	4.15	174.10	4.97	187.20	5.45	213.40	6.13	226.50	6.48	252.80	7.14
	27	121.60	3.50	147.90	4.37	174.10	5.21	187.20	5.68	213.40	6.38	226.50	6.75	252.80	7.44
	32	121.60	3.73	147.90	4.60	174.10	5.45	187.20	5.92	213.40	6.65	226.50	7.03	252.80	7.75
	37	121.60	3.97	147.90	4.84	174.10	5.71	187.20	6.16	213.40	6.93	226.50	7.32	252.80	8.08
	41	121.60	4.22	147.90	5.09	174.10	5.98	187.20	6.42	213.40	7.22	226.50	7.62	252.80	8.42
	46	121.60	4.31	147.90	5.19	174.10	6.07	187.20	6.52	213.40	7.33	226.50	7.73	252.80	8.55
	50	121.60	4.37	147.90	5.26	174.10	6.16	187.20	6.60	213.40	7.42	226.50	7.83	252.80	8.64
	54	121.60	4.44	147.90	5.34	174.10	6.24	187.20	6.69	213.40	7.51	226.50	7.93	252.80	8.75
	57	121.60	4.50	147.90	5.42	174.10	6.33	187.20	6.80	213.40	7.63	226.50	8.05	252.80	8.89
	61	121.60	4.58	147.90	5.51	174.10	6.44	187.20	6.91	213.40	7.77	226.50	8.21	252.80	9.08
	64	121.60	4.68	147.90	5.63	174.10	6.59	187.20	7.07	213.40	7.97	226.50	8.43	252.80	9.34
	68	121.60	4.79	147.90	5.77	174.10	6.76	187.20	7.26	213.40	8.22	226.50	8.71	252.80	9.70
	72	121.60	4.89	147.90	5.93	174.10	6.97	187.20	7.50	213.40	8.53	226.50	9.04	252.80	10.09
	75	121.60	5.02	147.90	6.13	174.10	7.26	187.20	7.82	213.40	8.92	226.50	9.48	252.80	10.62
	79	121.60	5.17	147.90	6.36	174.10	7.58	187.20	8.19	213.40	9.40	226.50	10.02	252.80	11.28
	82	121.60	5.37	147.90	6.66	174.10	7.98	187.20	8.64	213.40	9.95	226.50	10.63	252.80	12.01
	86	121.60	5.60	147.90	6.99	174.10	8.40	187.20	9.10	213.40	10.53	226.50	11.25	252.80	12.76
	90	121.60	5.91	147.90	7.37	174.10	8.88	187.20	9.63	213.40	11.20	226.50	12.00	252.80	13.68
	93	121.60	6.22	147.90	7.83	174.10	9.44	187.20	10.25	213.40	12.01	226.50	12.90	252.80	14.72
	95	121.60	6.48	147.90	8.13	174.10	9.82	187.20	10.68	213.40	12.50	226.50	13.41	252.80	15.28
	99	121.60	7.00	147.90	8.83	174.10	10.70	187.20	11.65	213.40	13.55	226.50	14.52	252.80	16.49
	102	121.60	7.75	147.90	9.70	174.10	11.68	187.20	12.68	213.40	14.71	226.50	15.72	252.80	17.73
	106	121.60	8.53	147.90	10.67	174.10	12.89	187.20	14.03	213.40	16.06	226.50	17.05	252.80	19.03
	111	121.60	9.91	147.90	12.40	174.10	14.96	187.20	16.26	213.40	18.20	226.50	19.14	252.80	21.00
	115	121.60	11.03	147.90	13.74	174.10	16.48	187.20	17.86	213.40	19.76	226.50	20.70	252.80	22.47
	118	121.60	12.66	147.30	15.51	173.70	18.37	187.20	19.80	206.10	21.41	215.10	21.97	232.60	22.56
	120	115.30	13.65	138.80	16.37	162.90	19.11	175.10	20.49	191.40	20.94	199.60	21.16	216.10	21.54
	122	108.40	12.97	130.40	15.55	153.10	18.16	164.60	19.47	179.90	19.89	187.60	20.11	203.10	20.46

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC312S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	101.40	2.32	123.20	3.01	145.00	3.64	156.00	4.05	177.80	4.47	188.80	4.69	210.60	5.11
	10	101.40	2.47	123.20	3.17	145.00	3.81	156.00	4.22	177.80	4.66	188.80	4.89	210.60	5.32
	14	101.40	2.63	123.20	3.33	145.00	3.99	156.00	4.39	177.80	4.86	188.80	5.09	210.60	5.54
	23	101.40	2.79	123.20	3.50	145.00	4.18	156.00	4.58	177.80	5.06	188.80	5.30	210.60	5.78
	27	101.40	2.97	123.20	3.69	145.00	4.38	156.00	4.77	177.80	5.27	188.80	5.52	210.60	6.02
	32	101.40	3.16	123.20	3.88	145.00	4.58	156.00	4.97	177.80	5.48	188.80	5.75	210.60	6.27
	37	101.40	3.36	123.20	4.08	145.00	4.79	156.00	5.17	177.80	5.71	188.80	5.99	210.60	6.53
	41	101.40	3.57	123.20	4.29	145.00	5.02	156.00	5.38	177.80	5.95	188.80	6.24	210.60	6.81
	46	101.40	3.64	123.20	4.37	145.00	5.09	156.00	5.45	177.80	6.05	188.80	6.33	210.60	6.93
	50	101.40	3.70	123.20	4.42	145.00	5.15	156.00	5.52	177.80	6.11	188.80	6.42	210.60	7.02
	54	101.40	3.74	123.20	4.48	145.00	5.23	156.00	5.61	177.80	6.21	188.80	6.51	210.60	7.12
	57	101.40	3.77	123.20	4.54	145.00	5.31	156.00	5.70	177.80	6.30	188.80	6.61	210.60	7.22
	61	101.40	3.84	123.20	4.61	145.00	5.39	156.00	5.78	177.80	6.42	188.80	6.73	210.60	7.35
	64	101.40	3.92	123.20	4.71	145.00	5.50	156.00	5.90	177.80	6.55	188.80	6.87	210.60	7.53
	68	101.40	4.00	123.20	4.82	145.00	5.63	156.00	6.03	177.80	6.74	188.80	7.10	210.60	7.83
	72	101.40	4.09	123.20	4.93	145.00	5.78	156.00	6.20	177.80	6.99	188.80	7.37	210.60	8.17
	75	101.40	4.16	123.20	5.07	145.00	5.97	156.00	6.42	177.80	7.26	188.80	7.68	210.60	8.54
	79	101.40	4.28	123.20	5.26	145.00	6.25	156.00	6.74	177.80	7.64	188.80	8.10	210.60	9.02
	82	101.40	4.39	123.20	5.45	145.00	6.53	156.00	7.07	177.80	8.07	188.80	8.57	210.60	9.61
	86	101.40	4.55	123.20	5.69	145.00	6.83	156.00	7.41	177.80	8.52	188.80	9.09	210.60	10.25
	90	101.40	4.78	123.20	5.96	145.00	7.15	156.00	7.76	177.80	9.01	188.80	9.66	210.60	10.98
	93	101.40	5.00	123.20	6.26	145.00	7.54	156.00	8.19	177.80	9.61	188.80	10.34	210.60	11.82
	95	101.40	5.15	123.20	6.46	145.00	7.77	156.00	8.42	177.80	9.96	188.80	10.73	210.60	12.26
	99	101.40	5.59	123.20	7.04	145.00	8.52	156.00	9.29	177.80	10.87	188.80	11.67	210.60	13.29
	102	101.40	6.13	123.20	7.75	145.00	9.38	156.00	10.20	177.80	11.87	188.80	12.71	210.60	14.40
	106	101.40	6.85	123.20	8.57	145.00	10.37	156.00	11.31	177.80	13.04	188.80	13.89	210.60	15.59
	111	101.40	8.06	123.20	10.13	145.00	12.26	156.00	13.35	177.80	14.99	188.80	15.80	210.60	17.40
	115	101.40	8.97	123.20	11.22	145.00	13.54	156.00	14.72	177.80	16.30	188.80	17.08	210.60	18.61
	118	101.40	10.13	123.20	12.61	145.00	15.01	156.00	16.19	177.80	17.72	188.80	18.45	210.60	19.84
	120	101.40	11.13	123.20	13.56	145.00	15.95	156.00	17.13	171.70	18.55	180.10	19.22	197.60	20.48
	122	101.40	11.91	123.20	14.51	145.00	17.06	156.00	18.33	171.70	19.85	171.10	18.83	187.70	20.07

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC312S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	261.00	27.71	254.70	28.91	251.40	29.42	248.20	30.32	241.00	31.36	233.60	32.92
	-17.8	-18.0	282.70	28.76	276.40	29.95	273.20	30.46	270.00	31.36	262.60	32.39	255.40	33.96
	-12.6	-13.0	315.40	30.31	309.00	31.51	305.80	32.02	302.60	32.92	295.30	33.96	284.50	35.23
	-7.1	-7.6	348.00	31.87	341.60	33.07	338.50	33.58	334.40	34.48	323.30	35.23	312.20	36.35
	-3.6	-4.0	369.80	32.92	362.00	34.11	358.40	34.48	353.00	35.23	341.90	35.97	330.80	37.09
	-1.8	-2.2	380.70	33.43	371.30	34.48	367.60	34.85	362.20	35.60	351.10	36.35	340.00	37.47
	2.0	1.0	400.60	34.33	389.80	35.23	386.20	35.60	380.80	36.35	369.60	37.09	350.30	37.84
	6.0	5.0	428.40	35.45	417.60	36.35	413.90	36.72	408.60	37.47	386.70	37.84	358.40	37.84
	10.0	9.0	446.90	36.20	436.10	37.09	432.40	37.47	419.60	37.84	392.20	37.84	363.70	37.84
	13.0	12.0	456.20	36.57	445.40	37.47	435.50	37.84	422.20	37.84	394.90	37.84	366.50	37.84
	17.0	15.0	481.70	37.69	455.20	37.84	443.60	37.84	430.30	37.84	403.00	37.84	374.50	37.49
	19.0	18.0	483.50	37.84	457.90	37.84	446.30	37.84	433.10	37.84	405.60	37.84	375.50	36.96
	23.0	21.0	488.80	37.84	463.30	37.84	451.80	37.84	438.50	37.84	411.10	37.60	377.40	35.98
	26.0	24.0	494.30	37.84	468.70	37.84	457.20	37.84	443.90	37.84	413.00	36.57	379.40	35.08
	30.0	28.0	499.60	37.84	474.10	37.84	462.50	37.78	447.60	37.08	415.00	35.64	381.30	34.28
	35.0	32.0	507.70	37.84	480.40	36.89	465.50	36.28	450.50	35.67	417.90	34.40	383.30	31.96
	39.0	36.0	511.50	37.15	482.40	35.95	467.40	35.39	452.40	34.83	419.80	33.59	383.30	29.71
	44.0	40.0	513.40	36.21	484.30	35.11	469.30	34.60	454.40	34.09	419.80	31.26	383.30	27.71
	47.0	43.0	514.40	35.77	485.30	34.72	470.30	34.23	455.30	33.74	419.80	30.19	383.30	26.79
	51.0	47.0	516.30	34.98	487.20	34.02	472.30	33.15	456.30	31.57	419.80	28.27	383.30	25.14
	54.0	50.0	518.30	34.27	488.20	32.51	472.30	31.03	456.30	29.58	419.80	26.56	383.30	23.68
	57.0	53.0	520.20	32.32	488.20	29.60	472.30	28.29	456.30	27.02	419.80	24.35	383.30	21.80
	60.0	56.0	520.20	30.43	488.20	27.92	472.30	26.73	456.30	25.55	419.80	23.10	383.30	20.74
120	-21.8	-22.0	253.00	29.13	247.20	30.17	244.10	30.69	241.20	31.21	234.50	32.25	227.70	33.67
	-17.8	-18.0	274.80	30.17	268.80	31.21	265.90	31.73	262.90	32.25	256.30	33.29	249.50	34.70
	-12.6	-13.0	307.40	31.73	301.50	32.77	298.60	33.29	295.60	33.82	288.10	34.85	278.20	35.97
	-7.1	-7.6	340.10	33.29	334.10	34.33	330.60	34.85	325.70	35.23	315.90	35.97	306.00	37.09
	-3.6	-4.0	361.80	34.33	353.90	35.23	349.00	35.60	344.20	35.97	334.30	36.72	323.40	37.84
	-1.8	-2.2	371.10	34.85	363.20	35.60	358.30	35.97	353.40	36.35	343.70	37.09	326.20	37.84
	2.0	1.0	389.70	35.60	381.70	36.35	376.80	36.72	372.00	37.09	357.10	37.84	331.50	37.84
	6.0	5.0	417.50	36.72	409.50	37.47	401.90	37.84	390.90	37.84	365.30	37.84	339.60	37.84
	10.0	9.0	435.90	37.47	419.30	37.84	407.30	37.84	396.20	37.84	370.60	37.84	345.10	37.40
	13.0	12.0	443.50	37.84	422.10	37.84	410.10	37.84	399.00	37.84	373.40	37.84	346.10	36.87
	17.0	15.0	451.50	37.84	430.20	37.84	418.20	37.84	407.00	37.84	379.70	36.98	349.00	35.41
	19.0	18.0	454.30	37.84	432.90	37.84	420.80	37.84	409.80	37.84	380.70	36.47	350.00	34.97
	23.0	21.0	459.60	37.84	438.20	37.84	426.20	37.68	413.40	36.98	382.60	35.53	351.90	34.15
	26.0	24.0	465.10	37.84	442.00	37.29	428.10	36.64	415.40	36.00	384.60	34.67	353.80	32.74
	30.0	28.0	470.40	37.56	443.90	36.29	430.10	35.69	417.30	35.11	386.50	33.89	353.80	30.32
	35.0	32.0	473.30	36.08	446.80	34.97	433.00	34.44	420.20	33.93	387.50	30.72	353.80	27.12
	39.0	36.0	475.30	35.21	448.80	34.19	434.90	33.71	421.20	32.06	387.50	28.56	353.80	25.25
	44.0	40.0	477.20	34.42	450.70	32.92	435.90	31.35	421.20	29.83	387.50	26.62	353.80	23.58
	47.0	43.0	478.20	34.06	450.70	31.77	435.90	30.27	421.20	28.80	387.50	25.73	353.80	22.82
	51.0	47.0	480.10	32.59	450.70	29.69	435.90	28.32	421.20	26.96	387.50	24.14	353.80	21.45
	54.0	50.0	480.10	30.50	450.70	27.84	435.90	26.57	421.20	25.31	387.50	22.73	353.80	20.25
	57.0	53.0	480.10	27.79	450.70	25.43	435.90	24.32	421.20	23.20	387.50	20.92	353.80	18.71
	60.0	56.0	480.10	26.24	450.70	24.07	435.90	23.04	421.20	21.99	387.50	19.88	353.80	17.83
110	-21.8	-22.0	245.00	30.17	239.60	31.07	236.90	31.58	234.20	32.10	228.00	33.14	213.80	33.75
	-17.8	-18.0	266.80	31.21	261.30	32.10	258.70	32.63	256.00	33.14	249.80	34.19	235.60	34.79
	-12.6	-13.0	299.40	32.77	294.00	33.67	291.40	34.19	288.60	34.70	280.60	35.60	268.20	36.35
	-7.1	-7.6	332.10	34.33	325.50	35.23	321.20	35.60	317.00	35.97	308.30	36.72	296.00	37.47
	-3.6	-4.0	350.90	35.23	344.10	35.97	339.80	36.35	335.40	36.72	326.90	37.47	306.50	37.84
	-1.8	-2.2	360.20	35.60	353.30	36.35	349.00	36.72	344.70	37.09	330.20	37.84	309.20	37.84
	2.0	1.0	378.70	36.35	371.90	37.09	367.50	37.47	358.40	37.84	335.70	37.84	314.60	37.84
	6.0	5.0	406.50	37.47	388.20	37.84	377.40	37.84	366.60	37.84	343.80	37.84	317.50	36.25
	10.0	9.0	412.50	37.84	393.60	37.84	382.80	37.84	371.90	37.84	347.40	36.86	319.50	35.30
	13.0	12.0	415.20	37.84	396.20	37.84	385.50	37.84	374.70	37.84	348.40	36.35	320.40	34.86
	17.0	15.0	423.30	37.84	404.40	37.73	391.90	37.04	379.30	36.38	351.30	34.96	323.40	33.64
	19.0	18.0	426.00	37.84	405.30	37.19	392.90	36.53	380.30	35.90	352.30	34.54	324.30	32.37
	23.0	21.0	431.40	37.45	407.30	36.18	394.80	35.57	382.20	35.00	354.20	33.75	324.30	29.91
	26.0	24.0	433.30	36.43	409.20	35.26	396.70	34.71	384.20	34.18	355.20	31.42	324.30	27.67
	30.0	28.0	435.30	35.50	411.20	34.43	398.70	33.92	386.10	32.79	355.20	29.09	324.30	25.65
	35.0	32.0	438.20	34.27	413.10	32.39	399.70	30.81	386.10	29.27	355.20	26.02	324.30	22.98
	39.0	36.0	440.10	33.13	413.10	30.07	399.70	28.62	386.10	27.21	355.20	24.24	324.30	21.43
	44.0	40.0	440.10	30.80	413.10	28.00	399.70	26.66	386.10	25.37	355.20	22.63	324.30	20.05
	47.0	43.0	440.10	29.73	413.10	27.04	399.70	25.76	386.10	24.52	355.20	21.90	324.30	19.42
	51.0	47.0	440.10	27.80	413.10	25.32	399.70	24.14	386.10	23.00	355.20	20.59	324.30	18.29
	54.0	50.0	440.10	26.08	413.10	23.80	399.70	22.71	386.10	21.66	355.20	19.43	324.30	17.30
	57.0	53.0	440.10	23.86	413.10	21.84	399.70	20.87	386.10	19.93	355.20	17.95	324.30	16.03
	60.0	56.0	440.10	22.59	413.10	20.72	399.70	19.82	386.10	18.95	355.20	17.11	324.30	15.32

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC312S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	237.00	31.58	232.10	32.48	229.70	32.85	227.20	33.33	213.10	33.23	199.10	33.82
	-17.8	-18.0	258.70	32.63	253.80	33.52	251.40	33.89	248.90	34.38	234.90	34.26	220.90	34.87
	-12.6	-13.0	291.40	34.19	286.50	35.08	284.00	35.45	281.60	35.94	267.50	35.82	253.50	36.43
	-7.1	-7.6	321.50	35.60	315.70	36.35	311.90	36.72	309.90	37.08	296.70	37.09	283.40	37.84
	-3.6	-4.0	340.00	36.35	334.20	37.09	330.50	37.47	328.50	37.82	308.80	37.84	287.00	37.13
	-1.8	-2.2	349.20	36.72	343.50	37.47	338.30	37.84	331.50	37.84	311.40	37.84	288.00	36.60
	2.0	1.0	367.80	37.47	353.30	37.84	343.80	37.84	336.80	37.84	315.20	37.24	290.00	35.62
	6.0	5.0	377.90	37.84	361.40	37.84	351.90	37.84	343.20	37.24	318.10	35.72	292.90	34.29
	10.0	9.0	383.30	37.84	366.90	37.55	355.50	36.89	345.20	36.21	320.00	34.81	294.80	33.26
	13.0	12.0	386.00	37.84	367.80	37.01	356.50	36.38	346.10	35.72	321.00	34.39	294.80	31.93
	17.0	15.0	392.30	36.77	370.80	35.54	359.40	34.98	349.10	34.40	323.00	32.19	294.80	28.29
	19.0	18.0	393.30	36.27	371.70	35.09	360.40	34.55	350.00	34.00	323.00	30.92	294.80	27.19
	23.0	21.0	395.30	35.34	373.70	34.25	362.30	33.76	351.00	32.26	323.00	28.57	294.80	25.14
	26.0	24.0	397.20	34.49	375.60	33.07	363.30	31.44	351.00	29.83	323.00	26.43	294.80	23.28
	30.0	28.0	399.10	33.72	375.60	30.61	363.30	29.10	351.00	27.62	323.00	24.50	294.80	21.61
	35.0	32.0	400.10	30.17	375.60	27.34	363.30	26.01	351.00	24.71	323.00	21.97	294.80	19.41
	39.0	36.0	400.10	28.03	375.60	25.43	363.30	24.21	351.00	23.01	323.00	20.49	294.80	18.13
	44.0	40.0	400.10	26.11	375.60	23.73	363.30	22.60	351.00	21.49	323.00	19.18	294.80	17.00
	47.0	43.0	400.10	25.23	375.60	22.94	363.30	21.86	351.00	20.80	323.00	18.57	294.80	16.48
	51.0	47.0	400.10	23.65	375.60	21.54	363.30	20.54	351.00	19.56	323.00	17.50	294.80	15.56
	54.0	50.0	400.10	22.24	375.60	20.30	363.30	19.37	351.00	18.46	323.00	16.55	294.80	14.75
	57.0	53.0	400.10	20.44	375.60	18.70	363.30	17.87	351.00	17.05	323.00	15.34	294.80	13.72
	60.0	56.0	400.10	19.41	375.60	17.80	363.30	17.02	351.00	16.26	323.00	14.67	294.80	13.14
90	-21.8	-22.0	229.00	33.00	220.70	33.23	215.10	33.23	209.60	33.60	197.00	33.82	184.30	32.68
	-17.8	-18.0	250.80	34.04	242.40	34.26	236.90	34.26	231.40	34.64	218.70	34.87	206.10	33.72
	-12.6	-13.0	282.80	35.60	275.10	35.82	269.60	35.82	264.10	36.20	251.40	36.43	238.80	35.28
	-7.1	-7.6	310.60	36.72	303.10	37.09	297.70	37.09	292.20	37.47	279.20	37.84	259.60	36.19
	-3.6	-4.0	329.00	37.47	318.50	37.84	310.10	37.84	301.70	37.84	282.80	36.79	261.50	35.24
	-1.8	-2.2	335.10	37.84	321.10	37.84	312.80	37.84	304.50	37.84	283.80	36.28	262.50	34.79
	2.0	1.0	340.60	37.84	326.60	37.84	318.20	37.52	308.10	36.79	285.70	35.32	264.40	33.95
	6.0	5.0	348.70	37.84	331.20	36.59	321.10	35.97	311.00	35.32	288.70	34.03	265.40	30.90
	10.0	9.0	352.30	36.85	333.20	35.61	323.10	35.04	313.00	34.45	290.60	32.39	265.40	28.48
	13.0	12.0	353.30	36.34	334.10	35.15	324.00	34.60	314.00	34.04	290.60	31.09	265.40	27.35
	17.0	15.0	356.20	34.94	337.00	33.90	327.00	32.85	315.90	31.13	290.60	27.56	265.40	24.25
	19.0	18.0	357.20	34.52	338.00	33.22	327.00	31.56	315.90	29.91	290.60	26.48	265.40	23.31
	23.0	21.0	359.10	33.73	338.00	30.67	327.00	29.15	315.90	27.63	290.60	24.49	265.40	21.57
	26.0	24.0	360.10	31.35	338.00	28.37	327.00	26.97	315.90	25.58	290.60	22.68	265.40	20.00
	30.0	28.0	360.10	29.03	338.00	26.28	327.00	24.99	315.90	23.72	290.60	21.06	265.40	18.58
	35.0	32.0	360.10	25.96	338.00	23.53	327.00	22.39	315.90	21.27	290.60	18.92	265.40	16.73
	39.0	36.0	360.10	24.17	338.00	21.94	327.00	20.88	315.90	19.85	290.60	17.68	265.40	15.66
	44.0	40.0	360.10	22.56	338.00	20.50	327.00	19.54	315.90	18.58	290.60	16.59	265.40	14.71
	47.0	43.0	360.10	21.83	338.00	19.85	327.00	18.92	315.90	18.00	290.60	16.08	265.40	14.27
	51.0	47.0	360.10	20.52	338.00	18.69	327.00	17.82	315.90	16.97	290.60	15.19	265.40	13.50
	54.0	50.0	360.10	19.36	338.00	17.65	327.00	16.85	315.90	16.06	290.60	14.40	265.40	12.83
	57.0	53.0	360.10	17.87	338.00	16.33	327.00	15.61	315.90	14.90	290.60	13.41	265.40	11.97
	60.0	56.0	360.10	17.03	338.00	15.59	327.00	14.92	315.90	14.24	290.60	12.85	265.40	11.49
80	-21.8	-22.0	211.80	33.75	201.90	33.60	197.00	33.82	192.10	33.08	180.90	32.60	169.60	31.71
	-17.8	-18.0	233.50	34.79	223.60	34.64	218.70	34.87	213.80	34.12	202.60	33.63	191.40	32.75
	-12.6	-13.0	265.40	36.35	256.30	36.20	251.40	36.43	246.50	35.68	235.20	35.19	224.00	34.31
	-7.1	-7.6	293.20	37.47	285.50	37.47	279.20	37.84	273.00	37.24	253.50	35.74	234.00	34.33
	-3.6	-4.0	303.30	37.84	291.80	37.58	282.80	36.87	275.00	36.21	255.40	34.83	235.90	33.41
	-1.8	-2.2	305.90	37.84	292.70	37.03	283.80	36.36	275.90	35.72	256.40	34.40	235.90	32.05
	2.0	1.0	311.40	37.29	294.70	36.02	285.70	35.40	277.90	34.81	258.40	33.59	235.90	29.51
	6.0	5.0	314.30	35.76	297.60	34.64	288.70	34.10	280.80	33.55	258.40	29.68	235.90	26.09
	10.0	9.0	316.20	34.85	299.50	33.82	290.60	32.61	280.80	30.90	258.40	27.36	235.90	24.05
	13.0	12.0	317.20	34.43	300.50	33.01	290.60	31.31	280.80	29.67	258.40	26.27	235.90	23.10
	17.0	15.0	320.10	32.36	300.50	29.24	290.60	27.74	280.80	26.31	258.40	23.30	235.90	20.50
	19.0	18.0	320.10	31.09	300.50	28.10	290.60	26.66	280.80	25.28	258.40	22.40	235.90	19.73
	23.0	21.0	320.10	28.72	300.50	25.98	290.60	24.65	280.80	23.39	258.40	20.74	235.90	18.27
	26.0	24.0	320.10	26.58	300.50	24.05	290.60	22.84	280.80	21.67	258.40	19.24	235.90	16.96
	30.0	28.0	320.10	24.64	300.50	22.31	290.60	21.20	280.80	20.13	258.40	17.88	235.90	15.78
	35.0	32.0	320.10	22.09	300.50	20.04	290.60	19.06	280.80	18.10	258.40	16.11	235.90	14.25
	39.0	36.0	320.10	20.61	300.50	18.72	290.60	17.80	280.80	16.93	258.40	15.08	235.90	13.35
	44.0	40.0	320.10	19.29	300.50	17.54	290.60	16.70	280.80	15.89	258.40	14.17	235.90	12.57
	47.0	43.0	320.10	18.68	300.50	17.00	290.60	16.19	280.80	15.41	258.40	13.76	235.90	12.21
	51.0	47.0	320.10	17.61	300.50	16.05	290.60	15.29	280.80	14.57	258.40	13.03	235.90	11.58
	54.0	50.0	320.10	16.66	300.50	15.21	290.60	14.50	280.80	13.83	258.40	12.38	235.90	11.03
	57.0	53.0	320.10	15.44	300.50	14.14	290.60	13.49	280.80	12.88	258.40	11.57	235.90	10.33
	60.0	56.0	320.10	14.76	300.50	13.53	290.60	12.93	280.80	12.36	258.40	11.11	235.90	9.93

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC312S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	191.70	33.82	183.20	33.12	178.80	33.12	174.50	32.45	164.70	32.07	154.90	30.75
	-17.8	-18.0	213.50	34.87	204.90	34.16	200.50	34.15	196.30	33.48	186.50	33.11	176.70	31.78
	-12.6	-13.0	246.10	36.43	237.50	35.72	233.20	35.71	229.00	35.04	217.80	34.67	204.90	32.80
	-7.1	-7.6	271.40	37.54	256.10	36.25	249.50	35.63	241.80	35.01	225.10	33.78	206.40	30.19
	-3.6	-4.0	273.30	36.48	258.10	35.30	251.40	34.72	243.80	34.15	226.10	31.60	206.40	27.78
	-1.8	-2.2	274.30	35.99	259.00	34.85	252.40	34.29	244.70	33.75	226.10	30.32	206.40	26.66
	2.0	1.0	276.20	35.05	261.00	34.00	254.40	33.32	245.70	31.55	226.10	27.91	206.40	24.55
	6.0	5.0	279.10	33.79	262.90	31.01	254.40	29.45	245.70	27.90	226.10	24.68	206.40	21.71
	10.0	9.0	280.10	31.61	262.90	28.57	254.40	27.14	245.70	25.71	226.10	22.76	206.40	20.03
	13.0	12.0	280.10	30.35	262.90	27.44	254.40	26.06	245.70	24.69	226.10	21.86	206.40	19.24
	17.0	15.0	280.10	26.90	262.90	24.34	254.40	23.12	245.70	21.91	226.10	19.42	206.40	17.10
	19.0	18.0	280.10	25.86	262.90	23.40	254.40	22.23	245.70	21.07	226.10	18.67	206.40	16.45
	23.0	21.0	280.10	23.92	262.90	21.65	254.40	20.58	245.70	19.51	226.10	17.30	206.40	15.25
	26.0	24.0	280.10	22.16	262.90	20.08	254.40	19.09	245.70	18.11	226.10	16.07	206.40	14.18
	30.0	28.0	280.10	20.59	262.90	18.66	254.40	17.75	245.70	16.84	226.10	14.97	206.40	13.21
	35.0	32.0	280.10	18.52	262.90	16.81	254.40	15.99	245.70	15.19	226.10	13.52	206.40	11.96
	39.0	36.0	280.10	17.32	262.90	15.73	254.40	14.97	245.70	14.24	226.10	12.68	206.40	11.23
	44.0	40.0	280.10	16.24	262.90	14.78	254.40	14.07	245.70	13.39	226.10	11.94	206.40	10.59
	47.0	43.0	280.10	15.76	262.90	14.34	254.40	13.66	245.70	13.00	226.10	11.61	206.40	10.30
	51.0	47.0	280.10	14.89	262.90	13.57	254.40	12.93	245.70	12.32	226.10	11.02	206.40	9.79
	54.0	50.0	280.10	14.14	262.90	12.90	254.40	12.30	245.70	11.72	226.10	10.50	206.40	9.34
	57.0	53.0	280.10	13.17	262.90	12.04	254.40	11.49	245.70	10.97	226.10	9.85	206.40	8.78
	60.0	56.0	280.10	12.64	262.90	11.56	254.40	11.04	245.70	10.55	226.10	9.48	206.40	8.46
60	-21.8	-22.0	171.80	32.85	164.40	32.27	160.70	31.71	157.00	31.72	148.50	29.53	140.10	27.36
	-17.8	-18.0	193.40	33.89	186.10	33.31	182.40	32.75	178.70	32.77	170.30	30.57	161.90	28.40
	-12.6	-13.0	226.10	35.45	217.20	34.87	212.50	34.31	207.60	33.76	193.70	31.61	176.90	27.79
	-7.1	-7.6	236.20	35.04	223.40	33.95	218.00	33.30	210.60	31.53	193.70	27.92	176.90	24.53
	-3.6	-4.0	238.20	34.18	225.30	32.26	218.00	30.66	210.60	29.03	193.70	25.70	176.90	22.59
	-1.8	-2.2	239.10	33.77	225.30	30.95	218.00	29.41	210.60	27.85	193.70	24.66	176.90	21.67
	2.0	1.0	240.10	31.60	225.30	28.50	218.00	27.08	210.60	25.64	193.70	22.71	176.90	19.96
	6.0	5.0	240.10	27.93	225.30	25.19	218.00	23.94	210.60	22.68	193.70	20.10	176.90	17.67
	10.0	9.0	240.10	25.74	225.30	23.23	218.00	22.09	210.60	20.91	193.70	18.54	176.90	16.31
	13.0	12.0	240.10	24.73	225.30	22.32	218.00	21.22	210.60	20.10	193.70	17.82	176.90	15.68
	17.0	15.0	240.10	21.95	225.30	19.82	218.00	18.84	210.60	17.86	193.70	15.85	176.90	13.95
	19.0	18.0	240.10	21.11	225.30	19.06	218.00	18.13	210.60	17.19	193.70	15.25	176.90	13.43
	23.0	21.0	240.10	19.55	225.30	17.67	218.00	16.80	210.60	15.93	193.70	14.15	176.90	12.48
	26.0	24.0	240.10	18.15	225.30	16.41	218.00	15.62	210.60	14.82	193.70	13.16	176.90	11.61
	30.0	28.0	240.10	16.89	225.30	15.28	218.00	14.54	210.60	13.81	193.70	12.28	176.90	10.84
	35.0	32.0	240.10	15.24	225.30	13.81	218.00	13.14	210.60	12.49	193.70	11.12	176.90	9.84
	39.0	36.0	240.10	14.29	225.30	12.96	218.00	12.34	210.60	11.74	193.70	10.46	176.90	9.26
	44.0	40.0	240.10	13.44	225.30	12.20	218.00	11.63	210.60	11.06	193.70	9.87	176.90	8.75
	47.0	43.0	240.10	13.05	225.30	11.86	218.00	11.30	210.60	10.76	193.70	9.61	176.90	8.52
	51.0	47.0	240.10	12.38	225.30	11.26	218.00	10.73	210.60	10.23	193.70	9.14	176.90	8.12
	54.0	50.0	240.10	11.78	225.30	10.73	218.00	10.23	210.60	9.76	193.70	8.73	176.90	7.77
	57.0	53.0	240.10	11.02	225.30	10.06	218.00	9.60	210.60	9.17	193.70	8.23	176.90	7.32
	60.0	56.0	240.10	10.60	225.30	9.68	218.00	9.25	210.60	8.84	193.70	7.94	176.90	7.07
50	-21.8	-22.0	151.70	31.79	145.60	29.80	142.50	28.20	139.40	27.85	132.40	24.90	125.40	23.20
	-17.8	-18.0	173.50	32.84	167.30	30.84	164.30	29.24	161.20	28.88	152.90	25.93	143.70	23.80
	-12.6	-13.0	199.10	33.84	187.80	31.36	181.70	29.80	175.50	28.25	161.50	25.01	147.50	22.00
	-7.1	-7.6	200.10	30.69	187.80	27.70	181.70	26.31	175.50	24.95	161.50	22.08	147.50	19.43
	-3.6	-4.0	200.10	28.25	187.80	25.50	181.70	24.22	175.50	22.97	161.50	20.33	147.50	17.89
	-1.8	-2.2	200.10	27.11	187.80	24.46	181.70	23.24	175.50	22.03	161.50	19.51	147.50	17.17
	2.0	1.0	200.10	24.96	187.80	22.53	181.70	21.41	175.50	20.29	161.50	17.97	147.50	15.82
	6.0	5.0	200.10	22.08	187.80	19.93	181.70	18.94	175.50	17.96	161.50	15.92	147.50	14.01
	10.0	9.0	200.10	20.37	187.80	18.40	181.70	17.48	175.50	16.58	161.50	14.69	147.50	12.94
	13.0	12.0	200.10	19.57	187.80	17.68	181.70	16.80	175.50	15.94	161.50	14.12	147.50	12.44
	17.0	15.0	200.10	17.40	187.80	15.72	181.70	14.95	175.50	14.19	161.50	12.58	147.50	11.08
	19.0	18.0	200.10	16.75	187.80	15.14	181.70	14.39	175.50	13.66	161.50	12.12	147.50	10.68
	23.0	21.0	200.10	15.53	187.80	14.05	181.70	13.36	175.50	12.69	161.50	11.26	147.50	9.93
	26.0	24.0	200.10	14.44	187.80	13.08	181.70	12.44	175.50	11.81	161.50	10.49	147.50	9.26
	30.0	28.0	200.10	13.46	187.80	12.20	181.70	11.61	175.50	11.03	161.50	9.80	147.50	8.65
	35.0	32.0	200.10	12.18	187.80	11.06	181.70	10.53	175.50	10.01	161.50	8.91	147.50	7.87
	39.0	36.0	200.10	11.46	187.80	10.40	181.70	9.91	175.50	9.42	161.50	8.40	147.50	7.43
	44.0	40.0	200.10	10.81	187.80	9.82	181.70	9.36	175.50	8.90	161.50	7.95	147.50	7.04
	47.0	43.0	200.10	10.51	187.80	9.56	181.70	9.11	175.50	8.67	161.50	7.74	147.50	6.86
	51.0	47.0	200.10	9.99	187.80	9.11	181.70	8.67	175.50	8.26	161.50	7.38	147.50	6.55
	54.0	50.0	200.10	9.54	187.80	8.70	181.70	8.30	175.50	7.90	161.50	7.07	147.50	6.28
	57.0	53.0	200.10	8.97	187.80	8.19	181.70	7.82	175.50	7.45	161.50	6.67	147.50	5.93
	60.0	56.0	200.10	8.65	187.80	7.91	181.70	7.55	175.50	7.20	161.50	6.47	147.50	5.75

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC336S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	283.88	6.98	345.04	9.51	406.21	11.96	436.80	13.46	492.30	15.69	548.34	16.78	586.37	18.44
	10	283.88	7.36	345.04	9.92	406.21	12.40	436.80	13.88	492.30	16.10	542.91	17.13	580.57	18.72
	14	283.88	7.74	345.04	10.33	406.21	12.85	436.80	14.32	492.30	16.52	537.53	17.48	574.82	19.01
	23	283.88	8.16	345.04	10.76	406.21	13.31	436.80	14.77	492.30	16.93	532.21	17.84	569.13	19.30
	27	283.88	8.58	345.04	11.21	406.21	13.79	436.80	15.23	492.30	17.37	526.95	18.20	563.49	19.59
	32	283.88	9.05	345.04	11.67	406.21	14.29	436.80	15.69	492.30	17.82	521.73	18.57	557.91	19.90
	37	283.88	9.52	345.04	12.17	406.21	14.81	436.80	16.17	492.30	18.28	516.56	18.94	552.39	20.20
	41	283.88	10.02	345.04	12.67	406.21	15.34	436.80	16.67	492.30	18.74	511.44	19.34	546.92	20.50
	46	283.88	10.23	345.04	12.91	406.21	15.58	436.80	16.93	488.74	18.95	507.78	19.61	541.97	20.83
	50	283.88	10.42	345.04	13.12	406.21	15.84	436.80	17.20	486.30	19.18	505.44	19.89	538.52	21.19
	54	283.88	10.71	345.04	13.44	406.21	16.18	436.80	17.57	483.86	19.51	503.00	20.29	535.18	21.69
	57	283.88	11.02	345.04	13.77	406.21	16.59	436.80	18.04	481.52	19.99	500.67	20.79	531.84	22.24
	61	283.88	11.36	345.04	14.21	406.21	17.14	436.80	18.62	479.08	20.51	498.22	21.40	528.50	22.91
	64	283.88	11.79	345.04	14.71	406.21	17.72	436.80	19.29	476.74	21.21	495.78	22.16	525.17	23.89
	68	283.88	12.24	345.04	15.26	406.21	18.46	436.02	20.16	474.30	22.10	492.64	23.16	521.72	25.10
	72	283.88	12.77	345.04	15.93	406.21	19.41	433.58	21.09	471.86	23.28	489.30	24.37	518.38	26.69
	75	283.88	13.33	345.04	16.75	406.21	20.60	431.24	22.33	469.52	24.66	485.97	25.91	515.04	28.58
	79	283.88	14.04	345.04	17.75	406.21	21.96	428.80	23.68	467.08	26.40	482.52	27.70	504.81	30.25
	82	283.88	14.88	345.04	18.90	406.21	23.59	426.36	25.37	464.64	28.24	474.07	29.22	491.81	31.76
	86	283.88	15.84	345.04	20.26	404.88	25.35	419.47	26.71	453.19	29.46	460.62	30.45	478.81	33.36
	90	283.88	16.94	345.04	21.93	394.77	26.34	407.91	27.61	438.63	30.55	444.88	31.58	461.41	33.94
	93	283.88	18.43	345.04	23.72	383.32	27.21	396.36	28.67	420.08	31.35	426.53	32.34	443.50	33.39
	95	283.88	19.21	345.04	24.61	377.54	27.71	390.69	29.20	410.86	31.68	417.41	32.29	434.60	33.02
	99	283.88	20.87	339.04	25.91	366.10	28.73	373.23	29.77	392.30	31.51	398.96	31.70	416.90	32.06
	102	283.88	22.56	326.82	26.73	348.66	29.27	355.88	30.02	373.86	30.88	380.51	30.84	399.10	31.12
	106	283.88	24.60	314.60	27.59	331.31	29.30	338.42	29.58	355.20	29.98	362.17	29.88	381.30	30.22
	111	271.66	26.51	290.18	28.05	305.09	28.72	312.29	28.67	327.42	28.66	334.70	28.56	354.70	28.96
	115	259.32	27.47	271.77	27.75	287.74	28.14	294.83	28.06	308.87	27.88	316.36	27.77	334.30	27.97
	118	243.60	27.67	253.34	27.37	270.30	27.73	277.48	27.63	290.42	27.22	295.31	26.83	311.20	26.84
	120	234.09	27.71	244.13	27.22	261.62	27.61	268.81	27.48	278.39	26.66	283.39	26.28	293.48	25.53
	122	220.03	26.32	229.53	25.86	245.93	26.23	252.70	26.11	261.73	25.33	266.41	24.97	275.84	24.26
120	5	262.12	6.47	318.56	8.76	374.99	10.94	403.20	12.28	459.63	14.59	487.84	16.08	567.10	17.95
	10	262.12	6.81	318.56	9.12	374.99	11.34	403.20	12.65	459.63	14.96	487.84	16.41	561.49	18.22
	14	262.12	7.17	318.56	9.49	374.99	11.74	403.20	13.05	459.63	15.34	487.84	16.74	555.92	18.50
	23	262.12	7.54	318.56	9.88	374.99	12.16	403.20	13.45	459.63	15.74	487.84	17.08	550.42	18.78
	27	262.12	7.95	318.56	10.30	374.99	12.60	403.20	13.87	459.63	16.14	487.84	17.42	544.97	19.06
	32	262.12	8.37	318.56	10.72	374.99	13.06	403.20	14.31	459.63	16.56	487.84	17.78	539.58	19.34
	37	262.12	8.81	318.56	11.17	374.99	13.53	403.20	14.76	459.63	16.97	487.84	18.14	534.24	19.64
	41	262.12	9.27	318.56	11.64	374.99	14.03	403.20	15.21	459.63	17.40	487.84	18.51	528.94	19.94
	46	262.12	9.45	318.56	11.84	374.99	14.24	403.20	15.43	459.63	17.74	486.40	18.82	525.28	20.21
	50	262.12	9.60	318.56	12.02	374.99	14.45	403.20	15.67	459.63	18.05	483.96	19.03	522.94	20.50
	54	262.12	9.83	318.56	12.27	374.99	14.74	403.20	15.98	459.63	18.43	481.51	19.34	520.50	20.94
	57	262.12	10.08	318.56	12.54	374.99	15.08	403.20	16.36	459.63	18.96	479.18	19.77	518.17	21.45
	61	262.12	10.36	318.56	12.92	374.99	15.53	403.20	16.89	457.19	19.42	476.73	20.26	515.72	22.09
	64	262.12	10.72	318.56	13.34	374.99	16.04	403.20	17.44	454.86	19.99	474.40	20.91	513.28	22.90
	68	262.12	11.08	318.56	13.80	374.99	16.67	403.20	18.18	452.41	20.75	471.96	21.76	510.64	23.97
	72	262.12	11.54	318.56	14.39	374.99	17.47	403.20	19.10	449.97	21.75	469.51	22.90	507.30	25.29
	75	262.12	12.05	318.56	15.10	374.99	18.46	403.20	20.32	447.63	23.02	467.18	24.27	503.97	26.94
	79	262.12	12.70	318.56	16.00	374.99	19.74	403.20	21.80	445.19	24.55	464.73	25.95	498.84	28.68
	82	262.12	13.47	318.56	17.07	374.99	21.18	403.20	23.53	442.86	26.33	462.40	27.81	485.73	29.92
	86	262.12	14.33	318.56	18.27	374.99	22.91	401.42	25.32	435.30	27.74	450.51	28.92	472.22	31.15
	90	262.12	15.32	318.56	19.74	374.99	24.80	391.87	26.44	423.08	28.72	437.96	30.03	454.61	32.18
	93	262.12	16.56	318.56	21.41	369.21	26.16	380.53	27.27	410.97	29.76	419.71	30.75	437.10	32.76
	95	262.12	17.26	318.56	22.30	363.43	26.54	374.76	27.73	402.06	30.09	410.49	31.07	428.19	32.52
	99	262.12	18.82	318.56	24.07	351.99	27.40	363.42	28.66	384.24	30.60	392.24	31.15	410.58	31.88
	102	262.12	20.42	318.56	26.09	340.54	28.26	346.39	29.04	366.42	30.33	373.90	30.50	392.97	30.94
	106	262.12	22.25	306.56	26.82	326.09	28.78	329.36	29.01	348.61	29.68	355.54	29.64	375.36	30.08
	111	262.12	25.43	288.67	27.88	299.97	28.32	303.74	28.22	321.89	28.50	328.08	28.34	349.04	28.85
	115	251.12	26.27	270.98	27.65	282.62	27.83	286.71	27.69	304.07	27.83	309.83	27.58	328.63	27.88
	118	240.23	27.08	253.08	27.40	265.18	27.46	269.78	27.31	283.46	26.99	288.89	26.66	305.52	26.76
	120	234.79	27.56	244.29	27.34	256.50	27.36	261.21	27.22	271.64	26.47	276.97	26.12	287.70	25.45
	122	220.73	26.19	229.58	25.98	241.14	25.99	245.53	25.86	255.31	25.15	260.31	24.81	270.39	24.18

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC336S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	240.16	5.94	291.96	7.98	343.76	9.86	369.60	11.10	421.40	13.20	447.24	14.58	499.04	16.94
	10	240.16	6.26	291.96	8.30	343.76	10.22	369.60	11.45	421.40	13.54	447.24	14.88	499.04	17.18
	14	240.16	6.58	291.96	8.65	343.76	10.59	369.60	11.81	421.40	13.89	447.24	15.17	499.04	17.44
	23	240.16	6.92	291.96	9.01	343.76	10.99	369.60	12.17	421.40	14.25	447.24	15.48	499.04	17.71
	27	240.16	7.28	291.96	9.38	343.76	11.39	369.60	12.54	421.40	14.62	447.24	15.80	499.04	17.98
	32	240.16	7.67	291.96	9.78	343.76	11.81	369.60	12.93	421.40	14.99	447.24	16.12	499.04	18.27
	37	240.16	8.07	291.96	10.18	343.76	12.25	369.60	13.34	421.40	15.38	447.24	16.45	499.04	18.55
	41	240.16	8.50	291.96	10.60	343.76	12.70	369.60	13.74	421.40	15.77	447.24	16.79	499.04	18.83
	46	240.16	8.68	291.96	10.79	343.76	12.89	369.60	13.96	421.40	16.02	447.24	17.08	499.04	19.20
	50	240.16	8.80	291.96	10.92	343.76	13.06	369.60	14.14	421.40	16.27	447.24	17.34	497.16	19.44
	54	240.16	8.97	291.96	11.12	343.76	13.32	369.60	14.42	421.40	16.59	447.24	17.70	494.82	19.75
	57	240.16	9.17	291.96	11.36	343.76	13.60	369.60	14.72	421.40	17.01	447.24	18.18	492.38	20.15
	61	240.16	9.40	291.96	11.64	343.76	13.98	369.60	15.16	421.40	17.53	447.24	18.73	489.93	20.68
	64	240.16	9.68	291.96	11.99	343.76	14.42	369.60	15.66	421.40	18.13	447.24	19.42	487.60	21.41
	68	240.16	9.95	291.96	12.38	343.76	14.93	369.60	16.25	421.40	18.91	445.47	20.17	485.16	22.29
	72	240.16	10.32	291.96	12.89	343.76	15.60	369.60	17.02	421.40	19.88	443.02	21.09	482.82	23.40
	75	240.16	10.80	291.96	13.51	343.76	16.44	369.60	17.99	420.73	21.10	440.69	22.30	480.38	24.86
	79	240.16	11.38	291.96	14.29	343.76	17.54	369.60	19.33	418.40	22.49	438.24	23.79	477.93	26.59
	82	240.16	12.09	291.96	15.25	343.76	18.89	369.60	20.93	415.96	24.11	435.80	25.50	469.60	27.96
	86	240.16	12.86	291.96	16.38	343.76	20.45	369.60	22.74	413.62	25.88	429.36	26.98	457.82	29.06
	90	240.16	13.76	291.96	17.66	343.76	22.19	369.60	24.68	403.84	27.02	417.47	27.92	443.56	29.97
	93	240.16	14.78	291.96	19.15	343.76	24.11	364.04	26.15	392.07	27.87	405.58	28.83	426.68	30.75
	95	240.16	15.40	291.96	19.97	343.76	25.05	358.49	26.54	386.29	28.30	399.58	29.28	418.29	31.11
	99	240.16	16.77	291.96	21.69	337.98	26.35	347.38	27.30	374.51	29.15	382.39	29.80	401.41	31.14
	102	240.16	18.33	291.96	23.50	326.42	27.04	336.27	28.04	357.14	29.43	365.30	29.82	384.53	30.54
	106	240.16	20.01	291.96	25.47	314.98	27.68	322.46	28.48	339.88	29.11	348.10	29.24	367.77	29.72
	111	240.16	22.86	277.29	26.65	292.86	27.80	297.89	28.01	313.92	28.11	322.42	28.16	342.50	28.63
	115	240.16	24.87	267.62	27.31	276.40	27.40	281.38	27.60	296.56	27.51	305.22	27.54	322.62	27.73
	118	233.82	26.15	255.64	27.75	260.04	27.20	264.97	27.34	276.28	26.74	282.03	26.47	299.74	26.66
	120	222.16	25.54	238.11	26.49	248.38	26.79	253.61	26.95	264.80	26.28	270.54	25.97	282.13	25.35
	122	208.83	24.26	223.73	25.16	233.46	25.45	238.36	25.61	249.00	24.97	254.31	24.67	265.14	24.09
100	5	218.40	5.41	265.36	7.16	312.52	8.86	336.00	9.93	382.96	11.85	406.64	13.10	453.60	15.26
	10	218.40	5.69	265.36	7.47	312.52	9.18	336.00	10.23	382.96	12.16	406.64	13.37	453.60	15.49
	14	218.40	6.00	265.36	7.78	312.52	9.50	336.00	10.55	382.96	12.47	406.64	13.64	453.60	15.73
	23	218.40	6.31	265.36	8.11	312.52	9.85	336.00	10.87	382.96	12.79	406.64	13.92	453.60	15.97
	27	218.40	6.64	265.36	8.46	312.52	10.21	336.00	11.21	382.96	13.11	406.64	14.20	453.60	16.20
	32	218.40	6.99	265.36	8.82	312.52	10.58	336.00	11.56	382.96	13.45	406.64	14.49	453.60	16.45
	37	218.40	7.36	265.36	9.18	312.52	10.97	336.00	11.92	382.96	13.79	406.64	14.79	453.60	16.70
	41	218.40	7.74	265.36	9.56	312.52	11.38	336.00	12.29	382.96	14.15	406.64	15.08	453.60	16.95
	46	218.40	7.90	265.36	9.73	312.52	11.55	336.00	12.47	382.96	14.35	406.64	15.29	453.60	17.16
	50	218.40	8.01	265.36	9.85	312.52	11.69	336.00	12.62	382.96	14.53	406.64	15.49	453.60	17.41
	54	218.40	8.12	265.36	9.99	312.52	11.90	336.00	12.86	382.96	14.80	406.64	15.79	453.60	17.78
	57	218.40	8.26	265.36	10.18	312.52	12.12	336.00	13.11	382.96	15.13	406.64	16.15	453.60	18.20
	61	218.40	8.44	265.36	10.41	312.52	12.44	336.00	13.50	382.96	15.55	406.64	16.59	453.60	18.73
	64	218.40	8.63	265.36	10.67	312.52	12.82	336.00	13.93	382.96	16.07	406.64	17.17	453.60	19.45
	68	218.40	8.82	265.36	10.98	312.52	13.25	336.00	14.42	382.96	16.70	406.64	17.88	453.60	20.38
	72	218.40	9.12	265.36	11.41	312.52	13.82	336.00	15.04	382.96	17.49	406.64	18.79	453.60	21.49
	75	218.40	9.53	265.36	11.96	312.52	14.50	336.00	15.83	382.96	18.51	406.64	19.92	453.60	22.80
	79	218.40	10.07	265.36	12.64	312.52	15.41	336.00	16.90	382.96	19.85	406.64	21.39	453.60	24.56
	82	218.40	10.71	265.36	13.48	312.52	16.63	336.00	18.40	382.96	21.54	406.64	23.16	447.93	26.04
	86	218.40	11.42	265.36	14.51	312.52	18.11	336.00	20.12	382.96	23.38	406.64	25.07	436.71	27.06
	90	218.40	12.20	265.36	15.69	312.52	19.69	336.00	21.90	382.96	25.36	396.20	26.12	425.49	27.99
	93	218.40	13.10	265.36	17.00	312.52	21.41	336.00	23.93	371.96	26.27	385.76	27.02	414.16	28.81
	95	218.40	13.60	265.36	17.70	312.52	22.42	336.00	24.91	366.40	26.63	380.53	27.42	408.60	29.24
	99	218.40	14.75	265.36	19.36	312.52	24.29	330.67	26.20	355.29	27.29	370.09	28.22	392.37	29.79
	102	218.40	16.23	265.36	21.09	312.52	26.13	319.89	26.76	344.29	27.97	357.03	28.85	376.24	29.91
	106	218.40	17.86	265.36	22.85	300.97	26.57	309.11	27.34	330.38	28.35	341.79	28.95	360.02	29.35
	111	218.40	20.45	265.36	25.59	283.63	27.10	290.90	27.71	305.31	27.60	318.82	28.32	335.73	28.38
	115	218.40	22.17	254.91	25.92	272.08	27.23	275.82	27.47	288.71	27.14	303.58	27.96	316.50	27.57
	118	218.40	23.84	244.47	26.35	252.03	26.62	257.26	27.02	269.20	26.49	281.83	27.14	294.18	26.58
	120	209.73	23.53	228.73	25.24	240.36	26.21	245.91	26.68	257.94	26.09	264.12	25.81	276.46	25.26
	122	197.14	22.35	215.10	23.98	225.97	24.90	231.19	25.35	242.47	24.78	248.32	24.52	259.79	24.00

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC336S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	196.64	4.87	238.97	6.44	281.29	7.92	302.40	8.86	344.72	10.54	365.83	11.64	408.16	13.55
	10	196.64	5.13	238.97	6.71	281.29	8.20	302.40	9.13	344.72	10.81	365.83	11.88	408.16	13.75
	14	196.64	5.40	238.97	6.99	281.29	8.50	302.40	9.41	344.72	11.10	365.83	12.12	408.16	13.95
	23	196.64	5.68	238.97	7.28	281.29	8.82	302.40	9.70	344.72	11.38	365.83	12.36	408.16	14.16
	27	196.64	5.98	238.97	7.58	281.29	9.13	302.40	10.01	344.72	11.67	365.83	12.61	408.16	14.38
	32	196.64	6.30	238.97	7.89	281.29	9.46	302.40	10.32	344.72	11.96	365.83	12.87	408.16	14.61
	37	196.64	6.63	238.97	8.22	281.29	9.81	302.40	10.63	344.72	12.28	365.83	13.14	408.16	14.83
	41	196.64	6.97	238.97	8.57	281.29	10.16	302.40	10.96	344.72	12.59	365.83	13.41	408.16	15.05
	46	196.64	7.13	238.97	8.73	281.29	10.32	302.40	11.13	344.72	12.77	365.83	13.59	408.16	15.23
	50	196.64	7.24	238.97	8.85	281.29	10.47	302.40	11.26	344.72	12.92	365.83	13.76	408.16	15.43
	54	196.64	7.34	238.97	8.97	281.29	10.61	302.40	11.44	344.72	13.13	365.83	13.97	408.16	15.69
	57	196.64	7.48	238.97	9.13	281.29	10.80	302.40	11.65	344.72	13.39	365.83	14.28	408.16	16.05
	61	196.64	7.64	238.97	9.33	281.29	11.07	302.40	11.95	344.72	13.74	365.83	14.65	408.16	16.48
	64	196.64	7.82	238.97	9.57	281.29	11.39	302.40	12.31	344.72	14.17	365.83	15.11	408.16	17.05
	68	196.64	7.99	238.97	9.84	281.29	11.76	302.40	12.74	344.72	14.69	365.83	15.71	408.16	17.81
	72	196.64	8.24	238.97	10.20	281.29	12.24	302.40	13.27	344.72	15.37	365.83	16.47	408.16	18.77
	75	196.64	8.60	238.97	10.65	281.29	12.80	302.40	13.91	344.72	16.21	365.83	17.39	408.16	19.86
	79	196.64	9.02	238.97	11.23	281.29	13.56	302.40	14.76	344.72	17.23	365.83	18.50	408.16	21.09
	82	196.64	9.56	238.97	11.93	281.29	14.47	302.40	15.82	344.72	18.48	365.83	19.84	408.16	22.68
	86	196.64	10.14	238.97	12.76	281.29	15.63	302.40	17.18	344.72	19.97	365.83	21.42	408.16	24.44
	90	196.64	10.81	238.97	13.71	281.29	16.92	302.40	18.62	344.72	21.58	365.83	23.12	402.93	25.77
	93	196.64	11.58	238.97	14.82	281.29	18.33	302.40	20.18	344.72	23.34	365.83	24.93	392.38	26.58
	95	196.64	12.04	238.97	15.43	281.29	19.12	302.40	21.08	344.72	24.25	365.83	25.84	387.16	26.93
	99	196.64	13.10	238.97	16.85	281.29	20.82	302.40	22.88	344.72	26.08	355.17	26.55	376.60	27.66
	102	196.64	14.42	238.97	18.40	281.29	22.55	302.40	24.70	332.83	26.62	344.50	27.26	366.04	28.48
	106	196.64	15.84	238.97	19.98	281.29	24.38	296.73	25.95	320.83	27.22	333.83	28.04	352.79	28.92
	111	196.64	18.16	238.97	22.66	275.07	26.59	279.51	26.83	302.74	27.80	312.43	28.14	328.91	28.22
	115	196.64	19.83	238.97	24.59	262.53	26.88	267.57	27.11	284.36	27.22	296.16	27.76	310.06	27.49
	118	196.64	21.62	223.94	24.47	244.40	26.54	247.03	26.47	261.07	26.21	274.29	26.93	288.40	26.62
	120	186.76	21.18	208.11	23.36	226.27	25.18	235.36	26.10	249.37	25.77	256.37	25.61	270.79	25.32
	122	175.58	20.12	195.64	22.19	212.72	23.92	221.27	24.80	234.42	24.48	240.99	24.33	254.44	24.06
80	5	174.68	4.18	212.37	5.49	249.96	6.72	268.80	7.52	306.49	8.92	325.23	9.85	362.92	11.44
	10	174.68	4.42	212.37	5.74	249.96	7.00	268.80	7.79	306.49	9.21	325.23	10.10	362.92	11.67
	14	174.68	4.68	212.37	6.01	249.96	7.30	268.80	8.07	306.49	9.49	325.23	10.36	362.92	11.91
	23	174.68	4.95	212.37	6.30	249.96	7.60	268.80	8.36	306.49	9.78	325.23	10.63	362.92	12.15
	27	174.68	5.23	212.37	6.60	249.96	7.91	268.80	8.67	306.49	10.08	325.23	10.90	362.92	12.39
	32	174.68	5.53	212.37	6.91	249.96	8.24	268.80	8.98	306.49	10.40	325.23	11.18	362.92	12.64
	37	174.68	5.86	212.37	7.24	249.96	8.59	268.80	9.31	306.49	10.72	325.23	11.46	362.92	12.89
	41	174.68	6.21	212.37	7.59	249.96	8.95	268.80	9.65	306.49	11.05	325.23	11.75	362.92	13.16
	46	174.68	6.35	212.37	7.72	249.96	9.11	268.80	9.80	306.49	11.21	325.23	11.92	362.92	13.33
	50	174.68	6.46	212.37	7.84	249.96	9.23	268.80	9.92	306.49	11.33	325.23	12.05	362.92	13.48
	54	174.68	6.58	212.37	7.96	249.96	9.35	268.80	10.05	306.49	11.49	325.23	12.20	362.92	13.65
	57	174.68	6.69	212.37	8.10	249.96	9.51	268.80	10.22	306.49	11.68	325.23	12.44	362.92	13.94
	61	174.68	6.83	212.37	8.26	249.96	9.72	268.80	10.44	306.49	11.97	325.23	12.75	362.92	14.31
	64	174.68	6.98	212.37	8.48	249.96	9.97	268.80	10.74	306.49	12.32	325.23	13.14	362.92	14.79
	68	174.68	7.14	212.37	8.70	249.96	10.30	268.80	11.11	306.49	12.76	325.23	13.61	362.92	15.36
	72	174.68	7.34	212.37	9.01	249.96	10.70	268.80	11.56	306.49	13.34	325.23	14.25	362.92	16.16
	75	174.68	7.63	212.37	9.38	249.96	11.18	268.80	12.10	306.49	14.04	325.23	15.05	362.92	17.15
	79	174.68	7.98	212.37	9.85	249.96	11.80	268.80	12.79	306.49	14.89	325.23	15.96	362.92	18.18
	82	174.68	8.38	212.37	10.41	249.96	12.52	268.80	13.60	306.49	15.82	325.23	16.95	362.92	19.28
	86	174.68	8.86	212.37	11.07	249.96	13.37	268.80	14.55	306.49	16.92	325.23	18.16	362.92	20.73
	90	174.68	9.41	212.37	11.83	249.96	14.37	268.80	15.67	306.49	18.22	325.23	19.56	362.92	22.32
	93	174.68	10.07	212.37	12.72	249.96	15.48	268.80	16.90	306.49	19.65	325.23	21.05	362.92	23.94
	95	174.68	10.48	212.37	13.24	249.96	16.11	268.80	17.59	306.49	20.39	325.23	21.85	362.92	24.76
	99	174.68	11.43	212.37	14.42	249.96	17.51	268.80	19.09	306.49	22.02	325.23	23.49	357.81	25.89
	102	174.68	12.57	212.37	15.75	249.96	19.06	268.80	20.76	306.49	23.73	325.23	25.22	347.70	26.48
	106	174.68	13.74	212.37	17.15	249.96	20.73	268.80	22.59	306.49	25.62	319.57	26.43	337.48	27.17
	111	174.68	15.86	212.37	19.70	249.96	23.71	268.80	25.79	290.71	26.86	302.79	27.53	322.26	28.06
	115	174.68	17.46	212.37	21.66	249.96	26.04	258.47	26.75	278.86	27.28	288.57	27.51	304.04	27.47
	118	174.68	19.45	203.18	22.55	229.81	25.46	242.82	26.87	258.70	26.77	266.64	26.75	282.83	26.68
	120	161.78	18.69	187.08	21.44	212.29	24.16	224.80	25.52	240.78	25.44	248.82	25.41	265.11	25.37
	122	152.10	17.75	175.89	20.37	199.59	22.96	211.34	24.24	226.26	24.16	233.87	24.15	249.30	24.10

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC336S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	152.92	3.69	185.77	4.80	218.72	5.86	235.20	6.53	268.16	7.72	284.63	8.50	317.48	9.82
	10	152.92	3.90	185.77	5.03	218.72	6.10	235.20	6.77	268.16	7.96	284.63	8.72	317.48	10.03
	14	152.92	4.13	185.77	5.26	218.72	6.36	235.20	7.01	268.16	8.19	284.63	8.95	317.48	10.23
	23	152.92	4.36	185.77	5.52	218.72	6.63	235.20	7.27	268.16	8.45	284.63	9.17	317.48	10.43
	27	152.92	4.62	185.77	5.78	218.72	6.90	235.20	7.54	268.16	8.72	284.63	9.41	317.48	10.64
	32	152.92	4.89	185.77	6.05	218.72	7.18	235.20	7.81	268.16	8.99	284.63	9.65	317.48	10.86
	37	152.92	5.17	185.77	6.33	218.72	7.49	235.20	8.09	268.16	9.27	284.63	9.90	317.48	11.09
	41	152.92	5.47	185.77	6.63	218.72	7.80	235.20	8.39	268.16	9.55	284.63	10.14	317.48	11.31
	46	152.92	5.59	185.77	6.76	218.72	7.94	235.20	8.52	268.16	9.70	284.63	10.28	317.48	11.46
	50	152.92	5.70	185.77	6.87	218.72	8.05	235.20	8.63	268.16	9.81	284.63	10.40	317.48	11.58
	54	152.92	5.79	185.77	6.97	218.72	8.15	235.20	8.74	268.16	9.94	284.63	10.52	317.48	11.72
	57	152.92	5.88	185.77	7.08	218.72	8.27	235.20	8.88	268.16	10.08	284.63	10.69	317.48	11.92
	61	152.92	6.00	185.77	7.22	218.72	8.44	235.20	9.06	268.16	10.31	284.63	10.94	317.48	12.22
	64	152.92	6.14	185.77	7.38	218.72	8.65	235.20	9.28	268.16	10.60	284.63	11.26	317.48	12.61
	68	152.92	6.27	185.77	7.59	218.72	8.91	235.20	9.58	268.16	10.95	284.63	11.65	317.48	13.08
	72	152.92	6.42	185.77	7.81	218.72	9.23	235.20	9.94	268.16	11.40	284.63	12.15	317.48	13.69
	75	152.92	6.62	185.77	8.12	218.72	9.63	235.20	10.40	268.16	11.98	284.63	12.79	317.48	14.50
	79	152.92	6.87	185.77	8.48	218.72	10.11	235.20	10.93	268.16	12.68	284.63	13.57	317.48	15.42
	82	152.92	7.19	185.77	8.93	218.72	10.70	235.20	11.61	268.16	13.45	284.63	14.41	317.48	16.36
	86	152.92	7.55	185.77	9.43	218.72	11.32	235.20	12.27	268.16	14.27	284.63	15.28	317.48	17.38
	90	152.92	7.99	185.77	10.00	218.72	12.07	235.20	13.12	268.16	15.27	284.63	16.39	317.48	18.74
	93	152.92	8.51	185.77	10.71	218.72	12.94	235.20	14.07	268.16	16.43	284.63	17.64	317.48	20.15
	95	152.92	8.86	185.77	11.13	218.72	13.44	235.20	14.62	268.16	17.08	284.63	18.33	317.48	20.88
	99	152.92	9.66	185.77	12.11	218.72	14.60	235.20	15.86	268.16	18.43	284.63	19.73	317.48	22.36
	102	152.92	10.66	185.77	13.25	218.72	15.92	235.20	17.28	268.16	19.95	284.63	21.28	317.48	23.90
	106	152.92	11.65	185.77	14.49	218.72	17.42	235.20	18.94	268.16	21.61	284.63	22.92	317.48	25.48
	111	152.92	13.46	185.77	16.74	218.72	20.10	235.20	21.79	268.16	24.41	284.63	25.71	301.59	26.23
	115	152.92	15.01	185.77	18.56	218.72	22.20	235.20	24.05	261.82	25.80	271.88	26.34	290.03	26.83
	118	152.92	17.00	181.54	20.45	211.13	23.94	226.20	25.70	244.06	25.99	252.83	26.11	270.07	26.30
	120	140.38	17.27	167.74	20.19	195.31	23.12	209.20	24.60	226.33	24.74	235.01	24.83	252.36	25.00
	122	131.98	16.40	157.73	19.18	183.58	21.96	196.71	23.37	212.67	23.50	220.91	23.58	237.19	23.75
60	5	130.96	3.07	159.28	4.00	187.49	4.87	201.60	5.42	229.81	6.10	243.92	6.45	272.24	7.11
	10	130.96	3.26	159.28	4.22	187.49	5.09	201.60	5.64	229.81	6.36	243.92	6.72	272.24	7.40
	14	130.96	3.47	159.28	4.44	187.49	5.33	201.60	5.88	229.81	6.63	243.92	7.00	272.24	7.71
	23	130.96	3.70	159.28	4.67	187.49	5.59	201.60	6.13	229.81	6.90	243.92	7.29	272.24	8.04
	27	130.96	3.93	159.28	4.91	187.49	5.86	201.60	6.38	229.81	7.18	243.92	7.60	272.24	8.38
	32	130.96	4.19	159.28	5.17	187.49	6.13	201.60	6.65	229.81	7.48	243.92	7.91	272.24	8.73
	37	130.96	4.46	159.28	5.44	187.49	6.42	201.60	6.92	229.81	7.80	243.92	8.24	272.24	9.10
	41	130.96	4.74	159.28	5.72	187.49	6.72	201.60	7.22	229.81	8.12	243.92	8.58	272.24	9.48
	46	130.96	4.84	159.28	5.83	187.49	6.82	201.60	7.33	229.81	8.25	243.92	8.70	272.24	9.63
	50	130.96	4.91	159.28	5.91	187.49	6.92	201.60	7.42	229.81	8.35	243.92	8.81	272.24	9.73
	54	130.96	4.99	159.28	6.00	187.49	7.01	201.60	7.52	229.81	8.45	243.92	8.93	272.24	9.86
	57	130.96	5.06	159.28	6.09	187.49	7.11	201.60	7.64	229.81	8.58	243.92	9.06	272.24	10.01
	61	130.96	5.15	159.28	6.19	187.49	7.24	201.60	7.77	229.81	8.74	243.92	9.24	272.24	10.23
	64	130.96	5.26	159.28	6.33	187.49	7.41	201.60	7.95	229.81	8.97	243.92	9.49	272.24	10.52
	68	130.96	5.38	159.28	6.48	187.49	7.60	201.60	8.16	229.81	9.25	243.92	9.81	272.24	10.93
	72	130.96	5.50	159.28	6.67	187.49	7.84	201.60	8.43	229.81	9.60	243.92	10.18	272.24	11.37
	75	130.96	5.64	159.28	6.89	187.49	8.16	201.60	8.79	229.81	10.04	243.92	10.67	272.24	11.97
	79	130.96	5.81	159.28	7.15	187.49	8.52	201.60	9.21	229.81	10.58	243.92	11.28	272.24	12.71
	82	130.96	6.04	159.28	7.49	187.49	8.98	201.60	9.72	229.81	11.20	243.92	11.97	272.24	13.54
	86	130.96	6.30	159.28	7.86	187.49	9.45	201.60	10.23	229.81	11.85	243.92	12.67	272.24	14.38
	90	130.96	6.65	159.28	8.29	187.49	9.99	201.60	10.83	229.81	12.61	243.92	13.52	272.24	15.42
	93	130.96	7.00	159.28	8.81	187.49	10.62	201.60	11.53	229.81	13.52	243.92	14.53	272.24	16.59
	95	130.96	7.29	159.28	9.15	187.49	11.05	201.60	12.01	229.81	14.08	243.92	15.11	272.24	17.23
	99	130.96	7.88	159.28	9.94	187.49	12.04	201.60	13.11	229.81	15.26	243.92	16.36	272.24	18.59
	102	130.96	8.72	159.28	10.91	187.49	13.14	201.60	14.26	229.81	16.56	243.92	17.71	272.24	19.98
	106	130.96	9.60	159.28	12.01	187.49	14.50	201.60	15.78	229.81	18.08	243.92	19.20	272.24	21.44
	111	130.96	11.15	159.28	13.95	187.49	16.83	201.60	18.29	229.81	20.48	243.92	21.54	272.24	23.64
	115	130.96	12.41	159.28	15.46	187.49	18.54	201.60	20.09	229.81	22.23	243.92	23.29	272.24	25.29
	118	130.96	14.24	158.63	17.44	187.07	20.65	201.60	22.26	221.88	24.08	231.52	24.71	250.22	25.35
	120	124.18	15.34	149.48	18.40	175.42	21.48	188.54	23.03	206.02	23.52	214.82	23.77	232.50	24.19
	122	116.74	14.58	140.43	17.48	164.87	20.41	177.23	21.88	193.64	22.34	201.91	22.59	218.51	22.98

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC336S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	109.20	2.61	132.68	3.38	156.16	4.09	168.00	4.55	191.48	5.03	203.32	5.28	226.80	5.75
	10	109.20	2.78	132.68	3.56	156.16	4.28	168.00	4.74	191.48	5.24	203.32	5.50	226.80	5.99
	14	109.20	2.96	132.68	3.74	156.16	4.48	168.00	4.93	191.48	5.47	203.32	5.73	226.80	6.24
	23	109.20	3.14	132.68	3.93	156.16	4.70	168.00	5.15	191.48	5.69	203.32	5.96	226.80	6.51
	27	109.20	3.34	132.68	4.15	156.16	4.92	168.00	5.36	191.48	5.93	203.32	6.21	226.80	6.78
	32	109.20	3.55	132.68	4.36	156.16	5.15	168.00	5.58	191.48	6.16	203.32	6.47	226.80	7.06
	37	109.20	3.78	132.68	4.59	156.16	5.38	168.00	5.81	191.48	6.42	203.32	6.74	226.80	7.35
	41	109.20	4.01	132.68	4.82	156.16	5.64	168.00	6.05	191.48	6.69	203.32	7.02	226.80	7.67
	46	109.20	4.09	132.68	4.91	156.16	5.72	168.00	6.12	191.48	6.80	203.32	7.12	226.80	7.80
	50	109.20	4.16	132.68	4.97	156.16	5.79	168.00	6.20	191.48	6.87	203.32	7.22	226.80	7.90
	54	109.20	4.20	132.68	5.04	156.16	5.88	168.00	6.30	191.48	6.98	203.32	7.32	226.80	8.02
	57	109.20	4.24	132.68	5.10	156.16	5.97	168.00	6.41	191.48	7.09	203.32	7.44	226.80	8.13
	61	109.20	4.32	132.68	5.18	156.16	6.06	168.00	6.50	191.48	7.22	203.32	7.57	226.80	8.28
	64	109.20	4.41	132.68	5.29	156.16	6.18	168.00	6.63	191.48	7.37	203.32	7.73	226.80	8.48
	68	109.20	4.50	132.68	5.42	156.16	6.33	168.00	6.78	191.48	7.58	203.32	7.99	226.80	8.82
	72	109.20	4.60	132.68	5.54	156.16	6.50	168.00	6.97	191.48	7.86	203.32	8.30	226.80	9.20
	75	109.20	4.68	132.68	5.70	156.16	6.71	168.00	7.22	191.48	8.17	203.32	8.65	226.80	9.62
	79	109.20	4.81	132.68	5.91	156.16	7.03	168.00	7.58	191.48	8.60	203.32	9.12	226.80	10.16
	82	109.20	4.94	132.68	6.13	156.16	7.34	168.00	7.95	191.48	9.08	203.32	9.65	226.80	10.83
	86	109.20	5.12	132.68	6.40	156.16	7.68	168.00	8.33	191.48	9.59	203.32	10.24	226.80	11.55
	90	109.20	5.38	132.68	6.71	156.16	8.04	168.00	8.73	191.48	10.14	203.32	10.88	226.80	12.38
	93	109.20	5.63	132.68	7.04	156.16	8.48	168.00	9.21	191.48	10.82	203.32	11.65	226.80	13.33
	95	109.20	5.80	132.68	7.27	156.16	8.74	168.00	9.47	191.48	11.22	203.32	12.09	226.80	13.82
	99	109.20	6.29	132.68	7.92	156.16	9.59	168.00	10.45	191.48	12.24	203.32	13.15	226.80	14.98
	102	109.20	6.90	132.68	8.72	156.16	10.55	168.00	11.47	191.48	13.37	203.32	14.32	226.80	16.23
	106	109.20	7.71	132.68	9.64	156.16	11.67	168.00	12.72	191.48	14.68	203.32	15.64	226.80	17.57
	111	109.20	9.07	132.68	11.40	156.16	13.79	168.00	15.02	191.48	16.87	203.32	17.79	226.80	19.59
	115	109.20	10.10	132.68	12.62	156.16	15.23	168.00	16.56	191.48	18.34	203.32	19.22	226.80	20.95
	118	109.20	11.40	132.68	14.18	156.16	16.88	168.00	18.20	191.48	19.93	203.32	20.75	226.80	22.32
	120	109.20	12.52	132.68	15.24	156.16	17.93	168.00	19.26	184.90	20.86	193.91	21.61	212.66	23.04
	122	109.20	13.39	132.68	16.31	156.16	19.18	168.00	20.60	184.90	22.32	184.22	21.18	202.00	22.57

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC336S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	277.30	26.55	270.50	28.07	267.00	28.65	263.60	29.42	255.70	31.20	247.80	32.86
	-17.8	-18.0	300.20	27.72	293.40	29.24	289.90	29.82	286.50	30.58	278.50	32.36	270.70	34.03
	-12.6	-13.0	334.60	29.47	327.70	30.99	324.20	31.57	320.80	32.34	312.90	34.12	301.50	35.49
	-7.1	-7.6	368.90	31.22	362.00	32.75	358.60	33.33	354.30	34.09	342.60	35.58	330.90	36.81
	-3.6	-4.0	391.80	32.40	383.50	33.92	379.60	34.35	374.00	34.97	362.30	36.46	350.60	37.68
	-1.8	-2.2	403.30	32.98	393.40	34.35	389.40	34.79	383.80	35.41	372.10	36.90	360.40	38.12
	2.0	1.0	424.30	34.00	413.00	35.23	409.10	35.67	403.50	36.28	391.70	37.77	377.40	39.00
	6.0	5.0	453.80	35.32	442.50	36.55	438.50	36.98	433.00	37.60	415.20	38.82	387.90	39.35
	10.0	9.0	473.40	36.19	462.20	37.42	458.20	37.86	448.60	38.47	424.10	39.17	392.90	39.35
	13.0	12.0	483.30	36.63	472.00	37.86	464.00	38.30	453.00	38.65	427.10	39.35	395.50	39.35
	17.0	15.0	509.30	37.95	486.50	38.65	477.30	38.82	466.30	39.17	434.80	39.35	403.00	39.00
	19.0	18.0	513.70	38.12	490.90	38.82	481.70	39.00	469.00	39.35	437.30	39.35	403.80	38.47
	23.0	21.0	522.50	38.47	499.80	39.17	487.90	39.35	474.10	39.35	442.40	39.11	405.50	37.49
	26.0	24.0	531.40	38.82	505.90	39.35	493.00	39.35	479.20	39.35	444.00	38.08	407.10	36.59
	30.0	28.0	540.20	39.17	511.00	39.35	498.10	39.29	482.50	38.59	445.60	37.15	408.70	35.79
	35.0	32.0	547.10	39.35	516.90	38.40	500.50	37.79	484.90	37.18	448.10	35.91	411.10	34.72
	39.0	36.0	550.50	38.66	518.50	37.46	502.10	36.90	486.50	36.34	449.70	35.19	412.70	33.43
	44.0	40.0	552.10	37.72	520.10	36.62	503.70	36.11	488.20	35.60	451.30	34.54	412.70	31.17
	47.0	43.0	553.00	37.28	520.90	36.23	504.50	35.74	489.00	35.25	452.10	33.95	412.70	30.12
	51.0	47.0	554.60	36.49	522.50	35.53	506.20	35.08	490.60	34.63	452.10	31.77	412.70	28.25
	54.0	50.0	556.20	35.78	524.20	34.90	507.80	34.49	491.40	33.25	452.10	29.83	412.70	26.60
	57.0	53.0	558.60	34.86	525.80	33.25	508.60	31.78	491.40	30.35	452.10	27.33	412.70	24.46
	60.0	56.0	560.20	34.18	525.80	31.36	508.60	30.02	491.40	28.70	452.10	25.90	412.70	23.25
120	-21.8	-22.0	268.70	28.36	262.40	29.70	259.10	30.03	256.00	30.78	248.80	32.13	241.50	33.91
	-17.8	-18.0	291.60	29.53	285.20	30.87	282.00	31.20	278.90	31.96	271.70	33.30	264.40	35.08
	-12.6	-13.0	325.90	31.28	319.60	32.62	316.40	32.95	313.30	33.71	305.20	35.06	294.80	36.55
	-7.1	-7.6	360.30	33.04	353.90	34.38	350.10	34.70	345.10	35.32	334.70	36.37	324.30	37.86
	-3.6	-4.0	383.10	34.20	374.80	35.41	369.70	35.58	364.70	36.19	354.30	37.25	343.90	38.74
	-1.8	-2.2	393.00	34.79	384.70	35.84	379.50	36.02	374.50	36.63	364.20	37.68	353.70	39.17
	2.0	1.0	412.70	35.67	404.30	36.72	399.20	36.90	394.20	37.51	383.80	38.56	359.40	39.35
	6.0	5.0	442.20	36.98	433.80	38.04	428.70	38.21	418.90	38.82	394.90	39.35	367.00	39.35
	10.0	9.0	461.80	37.86	447.60	38.65	438.50	38.82	427.70	39.17	399.90	39.35	372.20	38.91
	13.0	12.0	471.10	38.30	452.10	38.82	443.00	39.00	431.20	39.35	402.50	39.35	373.00	38.38
	17.0	15.0	484.30	38.82	464.70	39.35	452.20	39.35	438.80	39.35	408.40	38.49	375.40	36.92
	19.0	18.0	488.80	39.00	467.20	39.35	454.70	39.35	441.40	39.35	409.20	37.98	376.20	36.48
	23.0	21.0	497.20	39.35	472.20	39.35	459.70	39.19	444.70	38.49	410.80	37.04	377.80	35.66
	26.0	24.0	502.30	39.35	475.70	38.80	461.30	38.15	446.30	37.51	412.40	36.18	379.40	34.91
	30.0	28.0	507.30	39.07	477.30	37.80	463.00	37.20	447.90	36.62	414.00	35.40	381.10	34.15
	35.0	32.0	509.80	37.59	479.70	36.48	465.40	35.95	450.40	35.44	416.50	34.37	381.10	30.53
	39.0	36.0	511.40	36.72	481.30	35.70	467.00	35.22	452.00	34.75	417.30	32.13	381.10	28.41
	44.0	40.0	513.00	35.93	483.00	35.00	468.60	34.56	453.60	33.54	417.30	29.94	381.10	26.52
	47.0	43.0	513.80	35.57	483.80	34.68	469.40	34.03	453.60	32.38	417.30	28.93	381.10	25.66
	51.0	47.0	515.40	34.92	485.40	33.37	469.40	31.82	453.60	30.30	417.30	27.13	381.10	24.11
	54.0	50.0	517.10	34.26	485.40	31.28	469.40	29.84	453.60	28.44	417.30	25.53	381.10	22.74
	57.0	53.0	517.10	31.20	485.40	28.57	469.40	27.29	453.60	26.06	417.30	23.47	381.10	20.99
	60.0	56.0	517.10	29.44	485.40	27.02	469.40	25.83	453.60	24.69	417.30	22.30	381.10	19.99
110	-21.8	-22.0	260.10	29.88	254.20	31.08	251.30	31.66	248.50	32.16	241.80	33.50	226.50	34.24
	-17.8	-18.0	283.00	31.05	277.10	32.25	274.20	32.84	271.40	33.33	264.70	34.68	249.40	35.40
	-12.6	-13.0	317.30	32.80	311.50	34.00	308.60	34.59	305.70	35.08	297.20	36.28	283.70	37.16
	-7.1	-7.6	351.70	34.55	344.70	35.76	340.20	36.19	335.80	36.55	326.60	37.60	313.20	38.47
	-3.6	-4.0	371.70	35.58	364.40	36.63	359.90	37.07	355.40	37.42	346.30	38.47	331.90	39.35
	-1.8	-2.2	381.50	36.02	374.20	37.07	369.70	37.51	365.20	37.86	356.10	38.91	334.40	39.35
	2.0	1.0	401.20	36.90	393.90	37.95	389.30	38.39	384.90	38.74	363.50	39.35	339.60	39.35
	6.0	5.0	430.70	38.21	416.80	39.00	407.80	39.17	396.80	39.35	371.10	39.35	342.00	37.76
	10.0	9.0	441.80	38.82	425.00	39.35	413.10	39.35	401.80	39.35	374.40	38.37	343.60	36.81
	13.0	12.0	446.30	39.00	427.50	39.35	415.60	39.35	404.40	39.35	375.30	37.86	344.40	36.37
	17.0	15.0	456.60	39.35	435.20	39.24	421.50	38.55	408.50	37.89	377.70	36.47	346.90	35.15
	19.0	18.0	459.20	39.35	436.00	38.70	422.30	38.04	409.30	37.41	378.50	36.05	347.70	34.78
	23.0	21.0	464.30	38.96	437.60	37.69	423.90	37.08	410.90	36.51	380.10	35.26	349.30	33.72
	26.0	24.0	465.90	37.94	439.20	36.77	425.50	36.22	412.60	35.69	381.70	34.54	349.30	31.19
	30.0	28.0	467.50	37.01	440.80	35.94	427.20	35.43	414.20	34.94	382.50	32.76	349.30	28.90
	35.0	32.0	469.90	35.78	443.30	34.84	429.60	34.39	415.80	32.94	382.50	29.29	349.30	25.88
	39.0	36.0	471.60	35.06	444.90	33.84	430.40	32.20	415.80	30.62	382.50	27.27	349.30	24.12
	44.0	40.0	473.20	34.41	444.90	31.50	430.40	29.99	415.80	28.53	382.50	25.45	349.30	22.55
	47.0	43.0	474.00	33.44	444.90	30.41	430.40	28.97	415.80	27.57	382.50	24.62	349.30	21.84
	51.0	47.0	474.00	31.25	444.90	28.46	430.40	27.14	415.80	25.85	382.50	23.14	349.30	20.56
	54.0	50.0	474.00	29.31	444.90	26.74	430.40	25.53	415.80	24.33	382.50	21.82	349.30	19.43
	57.0	53.0	474.00	26.79	444.90	24.51	430.40	23.44	415.80	22.36	382.50	20.13	349.30	17.99
	60.0	56.0	474.00	25.35	444.90	23.24	430.40	22.25	415.80	21.25	382.50	19.18	349.30	17.18

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC336S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	251.40	31.40	246.10	32.60	243.50	33.04	240.90	33.74	225.80	34.09	210.70	34.38
	-17.8	-18.0	274.30	32.57	269.00	33.76	266.40	34.20	263.80	34.91	248.70	35.25	233.60	35.55
	-12.6	-13.0	308.70	34.33	303.40	35.52	300.70	35.96	298.20	36.67	283.00	37.01	267.90	37.31
	-7.1	-7.6	340.50	35.93	334.30	36.98	330.30	37.42	328.20	38.00	313.90	38.47	299.70	38.91
	-3.6	-4.0	360.10	36.81	353.90	37.86	350.00	38.30	347.90	38.88	333.00	39.35	308.60	38.64
	-1.8	-2.2	369.90	37.25	363.80	38.30	359.80	38.74	357.70	39.17	335.50	39.35	309.40	38.11
	2.0	1.0	389.60	38.12	380.60	39.17	372.20	39.35	363.20	39.35	338.90	38.75	311.00	37.13
	6.0	5.0	409.00	39.17	389.70	39.35	379.80	39.35	369.10	38.75	341.30	37.23	313.50	35.80
	10.0	9.0	414.40	39.35	394.80	39.06	383.20	38.40	370.70	37.72	342.90	36.32	315.10	35.01
	13.0	12.0	417.00	39.35	395.60	38.52	384.00	37.89	371.50	37.23	343.80	35.90	315.90	34.64
	17.0	15.0	422.80	38.28	398.00	37.05	386.40	36.49	374.00	35.91	346.20	34.74	317.50	31.91
	19.0	18.0	423.60	37.78	398.80	36.60	387.20	36.06	374.80	35.51	347.00	34.38	317.50	30.67
	23.0	21.0	425.20	36.85	400.50	35.76	388.80	35.27	376.40	34.76	347.80	32.22	317.50	28.35
	26.0	24.0	426.90	36.00	402.10	35.00	390.40	34.55	378.00	33.62	347.80	29.80	317.50	26.24
	30.0	28.0	428.50	35.23	403.70	34.32	391.30	32.78	378.00	31.11	347.80	27.62	317.50	24.34
	35.0	32.0	430.90	33.94	404.50	30.78	391.30	29.28	378.00	27.82	347.80	24.74	317.50	21.86
	39.0	36.0	430.90	31.54	404.50	28.62	391.30	27.24	378.00	25.90	347.80	23.07	317.50	20.40
	44.0	40.0	430.90	29.36	404.50	26.69	391.30	25.42	378.00	24.18	347.80	21.58	317.50	19.12
	47.0	43.0	430.90	28.37	404.50	25.80	391.30	24.58	378.00	23.39	347.80	20.89	317.50	18.53
	51.0	47.0	430.90	26.58	404.50	24.21	391.30	23.09	378.00	21.98	347.80	19.68	317.50	17.49
	54.0	50.0	430.90	24.99	404.50	22.80	391.30	21.75	378.00	20.74	347.80	18.59	317.50	16.57
	57.0	53.0	430.90	22.96	404.50	20.98	391.30	20.05	378.00	19.13	347.80	17.22	317.50	15.39
	60.0	56.0	430.90	21.79	404.50	19.96	391.30	19.09	378.00	18.23	347.80	16.45	317.50	14.73
90	-21.8	-22.0	242.90	33.19	233.90	33.65	227.90	33.65	222.00	34.09	208.30	34.38	194.70	33.67
	-17.8	-18.0	265.80	34.35	256.80	34.82	250.80	34.82	244.90	35.25	231.20	35.55	217.60	34.84
	-12.6	-13.0	299.50	36.11	291.20	36.57	285.20	36.57	279.30	37.01	265.60	37.31	252.00	36.60
	-7.1	-7.6	329.00	37.42	320.90	38.04	315.00	38.04	309.10	38.47	296.70	38.91	278.50	37.70
	-3.6	-4.0	348.60	38.30	340.60	38.91	334.60	38.91	326.20	39.35	304.90	38.30	280.20	36.75
	-1.8	-2.2	358.40	38.74	346.70	39.35	338.10	39.35	328.80	39.35	305.70	37.79	281.00	36.30
	2.0	1.0	368.80	39.35	351.80	39.35	343.20	39.03	332.10	38.30	307.30	36.83	282.60	35.46
	6.0	5.0	376.40	39.35	355.90	38.10	345.60	37.48	334.50	36.83	309.70	35.54	285.00	34.33
	10.0	9.0	379.70	38.36	357.50	37.12	347.30	36.55	336.20	35.96	311.30	34.77	285.80	32.13
	13.0	12.0	380.50	37.85	358.30	36.66	348.10	36.11	337.00	35.55	312.20	34.41	285.80	30.85
	17.0	15.0	383.00	36.45	360.80	35.41	350.50	34.93	339.40	34.43	313.00	31.12	285.80	27.35
	19.0	18.0	383.80	36.03	361.60	35.03	351.30	34.57	340.20	33.72	313.00	29.90	285.80	26.29
	23.0	21.0	385.40	35.24	363.20	34.32	352.10	32.86	340.20	31.15	313.00	27.64	285.80	24.32
	26.0	24.0	387.00	34.52	364.00	31.97	352.10	30.38	340.20	28.82	313.00	25.60	285.80	22.54
	30.0	28.0	387.80	32.71	364.00	29.61	352.10	28.15	340.20	26.72	313.00	23.75	285.80	20.94
	35.0	32.0	387.80	29.23	364.00	26.50	352.10	25.21	340.20	23.95	313.00	21.32	285.80	18.83
	39.0	36.0	387.80	27.20	364.00	24.69	352.10	23.50	340.20	22.34	313.00	19.91	285.80	17.62
	44.0	40.0	387.80	25.38	364.00	23.06	352.10	21.97	340.20	20.90	313.00	18.66	285.80	16.54
	47.0	43.0	387.80	24.55	364.00	22.32	352.10	21.27	340.20	20.24	313.00	18.08	285.80	16.04
	51.0	47.0	387.80	23.06	364.00	21.00	352.10	20.03	340.20	19.07	313.00	17.07	285.80	15.17
	54.0	50.0	387.80	21.74	364.00	19.82	352.10	18.92	340.20	18.04	313.00	16.16	285.80	14.40
	57.0	53.0	387.80	20.05	364.00	18.32	352.10	17.51	340.20	16.71	313.00	15.02	285.80	13.43
	60.0	56.0	387.80	19.10	364.00	17.48	352.10	16.72	340.20	15.97	313.00	14.38	285.80	12.88
80	-21.8	-22.0	224.30	34.24	213.60	34.53	208.30	34.38	203.10	33.64	191.00	33.21	178.90	32.76
	-17.8	-18.0	247.20	35.40	236.50	35.69	231.20	35.55	226.00	34.80	213.90	34.38	201.80	33.94
	-12.6	-13.0	280.80	37.16	270.90	37.45	265.60	37.31	260.40	36.56	248.20	36.14	236.10	35.69
	-7.1	-7.6	310.30	38.47	301.80	38.91	296.70	38.91	291.70	38.31	271.70	37.25	250.00	35.84
	-3.6	-4.0	328.20	39.35	313.90	39.09	304.90	38.38	295.10	37.72	273.40	36.34	251.60	35.04
	-1.8	-2.2	330.70	39.35	314.70	38.54	305.70	37.87	295.90	37.23	274.20	35.91	252.40	34.66
	2.0	1.0	335.80	38.80	316.30	37.53	307.30	36.91	297.50	36.32	275.80	35.10	254.00	33.38
	6.0	5.0	338.30	37.27	318.80	36.15	309.70	35.61	300.00	35.09	278.20	33.58	254.00	29.51
	10.0	9.0	339.90	36.36	320.40	35.33	311.30	34.83	301.60	34.35	278.20	30.94	254.00	27.20
	13.0	12.0	340.70	35.94	321.20	34.95	312.20	34.47	302.40	33.54	278.20	29.71	254.00	26.12
	17.0	15.0	343.10	34.77	323.60	32.97	313.00	31.33	302.40	29.72	278.20	26.34	254.00	23.17
	19.0	18.0	343.90	34.42	323.60	31.68	313.00	30.10	302.40	28.56	278.20	25.32	254.00	22.29
	23.0	21.0	344.70	32.39	323.60	29.28	313.00	27.82	302.40	26.41	278.20	23.43	254.00	20.64
	26.0	24.0	344.70	29.96	323.60	27.10	313.00	25.76	302.40	24.46	278.20	21.72	254.00	19.14
	30.0	28.0	344.70	27.76	323.60	25.13	313.00	23.91	302.40	22.71	278.20	20.18	254.00	17.80
	35.0	32.0	344.70	24.88	323.60	22.56	313.00	21.46	302.40	20.40	278.20	18.17	254.00	16.05
	39.0	36.0	344.70	23.20	323.60	21.06	313.00	20.04	302.40	19.07	278.20	16.99	254.00	15.04
	44.0	40.0	344.70	21.70	323.60	19.72	313.00	18.78	302.40	17.87	278.20	15.95	254.00	14.14
	47.0	43.0	344.70	21.01	323.60	19.11	313.00	18.20	302.40	17.33	278.20	15.48	254.00	13.73
	51.0	47.0	344.70	19.79	323.60	18.03	313.00	17.17	302.40	16.37	278.20	14.64	254.00	13.01
	54.0	50.0	344.70	18.71	323.60	17.07	313.00	16.27	302.40	15.52	278.20	13.90	254.00	12.38
	57.0	53.0	344.70	17.33	323.60	15.85	313.00	15.12	302.40	14.44	278.20	12.97	254.00	11.57
	60.0	56.0	344.70	16.55	323.60	15.16	313.00	14.47	302.40	13.84	278.20	12.45	254.00	11.12

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC336S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	202.70	34.38	193.50	33.73	188.80	33.73	184.20	33.50	173.60	32.75	163.00	32.40
	-17.8	-18.0	225.60	35.55	216.40	34.91	211.70	34.90	207.10	34.67	196.50	33.92	185.90	33.57
	-12.6	-13.0	259.90	37.31	250.70	36.67	246.10	36.66	241.50	36.42	229.50	35.67	215.80	34.78
	-7.1	-7.6	291.20	38.61	275.80	37.76	267.40	37.14	258.90	36.52	240.20	35.29	221.50	34.11
	-3.6	-4.0	293.60	37.99	277.50	36.81	269.10	36.23	260.60	35.66	241.90	34.53	222.30	31.44
	-1.8	-2.2	294.40	37.50	278.30	36.36	269.90	35.80	261.40	35.26	242.70	34.17	222.30	30.17
	2.0	1.0	296.00	36.56	279.90	35.51	271.50	35.00	263.00	34.50	243.50	31.59	222.30	27.78
	6.0	5.0	298.40	35.30	282.30	34.38	273.90	33.24	264.60	31.55	243.50	27.93	222.30	24.56
	10.0	9.0	300.00	34.55	283.10	32.31	273.90	30.63	264.60	29.07	243.50	25.75	222.30	22.65
	13.0	12.0	300.90	34.20	283.10	31.03	273.90	29.41	264.60	27.92	243.50	24.73	222.30	21.76
	17.0	15.0	301.70	30.40	283.10	27.51	273.90	26.09	264.60	24.76	243.50	21.96	222.30	19.33
	19.0	18.0	301.70	29.22	283.10	26.44	273.90	25.08	264.60	23.81	243.50	21.11	222.30	18.59
	23.0	21.0	301.70	27.02	283.10	24.45	273.90	23.21	264.60	22.04	243.50	19.55	222.30	17.23
	26.0	24.0	301.70	25.02	283.10	22.67	273.90	21.52	264.60	20.45	243.50	18.15	222.30	16.01
	30.0	28.0	301.70	23.23	283.10	21.06	273.90	20.00	264.60	19.00	243.50	16.89	222.30	14.90
	35.0	32.0	301.70	20.87	283.10	18.94	273.90	18.01	264.60	17.12	243.50	15.24	222.30	13.47
	39.0	36.0	301.70	19.51	283.10	17.72	273.90	16.85	264.60	16.03	243.50	14.29	222.30	12.64
	44.0	40.0	301.70	18.28	283.10	16.63	273.90	15.83	264.60	15.07	243.50	13.44	222.30	11.91
	47.0	43.0	301.70	17.73	283.10	16.13	273.90	15.36	264.60	14.62	243.50	13.06	222.30	11.58
	51.0	47.0	301.70	16.74	283.10	15.25	273.90	14.53	264.60	13.85	243.50	12.38	222.30	10.99
	54.0	50.0	301.70	15.88	283.10	14.48	273.90	13.81	264.60	13.15	243.50	11.79	222.30	10.48
	57.0	53.0	301.70	14.77	283.10	13.49	273.90	12.89	264.60	12.29	243.50	11.04	222.30	9.83
	60.0	56.0	301.70	14.15	283.10	12.94	273.90	12.37	264.60	11.81	243.50	10.61	222.30	9.46
60	-21.8	-22.0	181.20	33.53	173.20	32.95	169.30	32.83	165.30	32.84	156.20	32.11	147.10	29.53
	-17.8	-18.0	204.00	34.70	196.10	34.12	192.10	34.00	188.20	34.02	179.10	33.28	170.00	30.69
	-12.6	-13.0	238.40	36.45	228.90	35.87	223.90	35.75	218.80	35.20	207.00	34.51	190.50	31.50
	-7.1	-7.6	252.90	36.55	239.40	35.46	232.30	34.97	225.20	34.48	208.60	31.63	190.50	27.81
	-3.6	-4.0	254.50	35.69	241.00	34.69	234.00	34.24	226.80	32.86	208.60	29.11	190.50	25.61
	-1.8	-2.2	255.30	35.28	241.80	34.33	234.80	33.29	226.80	31.52	208.60	27.93	190.50	24.57
	2.0	1.0	257.00	34.53	242.60	32.25	234.80	30.65	226.80	29.03	208.60	25.72	190.50	22.63
	6.0	5.0	258.60	31.61	242.60	28.51	234.80	27.10	226.80	25.66	208.60	22.75	190.50	20.03
	10.0	9.0	258.60	29.12	242.60	26.28	234.80	24.99	226.80	23.66	208.60	20.99	190.50	18.47
	13.0	12.0	258.60	27.97	242.60	25.25	234.80	24.00	226.80	22.74	208.60	20.17	190.50	17.76
	17.0	15.0	258.60	24.81	242.60	22.41	234.80	21.30	226.80	20.19	208.60	17.93	190.50	15.79
	19.0	18.0	258.60	23.86	242.60	21.55	234.80	20.50	226.80	19.43	208.60	17.24	190.50	15.20
	23.0	21.0	258.60	22.09	242.60	19.97	234.80	18.99	226.80	18.00	208.60	16.00	190.50	14.11
	26.0	24.0	258.60	20.50	242.60	18.53	234.80	17.63	226.80	16.73	208.60	14.87	190.50	13.12
	30.0	28.0	258.60	19.06	242.60	17.24	234.80	16.41	226.80	15.58	208.60	13.86	190.50	12.24
	35.0	32.0	258.60	17.18	242.60	15.56	234.80	14.81	226.80	14.08	208.60	12.54	190.50	11.10
	39.0	36.0	258.60	16.09	242.60	14.60	234.80	13.90	226.80	13.22	208.60	11.78	190.50	10.44
	44.0	40.0	258.60	15.13	242.60	13.73	234.80	13.08	226.80	12.45	208.60	11.11	190.50	9.85
	47.0	43.0	258.60	14.68	242.60	13.34	234.80	12.71	226.80	12.10	208.60	10.81	190.50	9.59
	51.0	47.0	258.60	13.91	242.60	12.65	234.80	12.06	226.80	11.49	208.60	10.27	190.50	9.13
	54.0	50.0	258.60	13.23	242.60	12.04	234.80	11.48	226.80	10.95	208.60	9.80	190.50	8.73
	57.0	53.0	258.60	12.36	242.60	11.27	234.80	10.76	226.80	10.27	208.60	9.22	190.50	8.21
	60.0	56.0	258.60	11.88	242.60	10.84	234.80	10.36	226.80	9.89	208.60	8.89	190.50	7.93
50	-21.8	-22.0	159.60	32.54	153.00	32.54	149.70	31.81	146.40	30.00	138.90	28.09	131.30	26.21
	-17.8	-18.0	182.50	33.72	175.90	33.71	172.60	32.97	169.30	31.17	160.50	29.25	150.80	26.94
	-12.6	-13.0	211.50	34.91	200.60	34.42	195.60	33.73	189.00	31.96	173.90	28.32	158.80	24.95
	-7.1	-7.6	214.70	34.23	202.30	31.37	195.60	29.79	189.00	28.23	173.90	25.01	158.80	22.04
	-3.6	-4.0	215.50	31.92	202.30	28.88	195.60	27.42	189.00	25.99	173.90	23.02	158.80	20.29
	-1.8	-2.2	215.50	30.63	202.30	27.70	195.60	26.31	189.00	24.93	173.90	22.10	158.80	19.47
	2.0	1.0	215.50	28.21	202.30	25.51	195.60	24.23	189.00	22.96	173.90	20.35	158.80	17.94
	6.0	5.0	215.50	24.94	202.30	22.56	195.60	21.44	189.00	20.32	173.90	18.02	158.80	15.88
	10.0	9.0	215.50	23.01	202.30	20.82	195.60	19.77	189.00	18.75	173.90	16.63	158.80	14.66
	13.0	12.0	215.50	22.10	202.30	20.00	195.60	19.01	189.00	18.02	173.90	15.98	158.80	14.09
	17.0	15.0	215.50	19.65	202.30	17.78	195.60	16.90	189.00	16.03	173.90	14.23	158.80	12.55
	19.0	18.0	215.50	18.90	202.30	17.11	195.60	16.26	189.00	15.43	173.90	13.69	158.80	12.09
	23.0	21.0	215.50	17.52	202.30	15.87	195.60	15.09	189.00	14.32	173.90	12.72	158.80	11.24
	26.0	24.0	215.50	16.29	202.30	14.77	195.60	14.04	189.00	13.32	173.90	11.85	158.80	10.47
	30.0	28.0	215.50	15.18	202.30	13.77	195.60	13.09	189.00	12.43	173.90	11.06	158.80	9.78
	35.0	32.0	215.50	13.72	202.30	12.47	195.60	11.86	189.00	11.27	173.90	10.04	158.80	8.88
	39.0	36.0	215.50	12.90	202.30	11.72	195.60	11.16	189.00	10.60	173.90	9.45	158.80	8.37
	44.0	40.0	215.50	12.16	202.30	11.05	195.60	10.53	189.00	10.01	173.90	8.94	158.80	7.93
	47.0	43.0	215.50	11.82	202.30	10.75	195.60	10.24	189.00	9.74	173.90	8.70	158.80	7.72
	51.0	47.0	215.50	11.23	202.30	10.23	195.60	9.74	189.00	9.27	173.90	8.29	158.80	7.37
	54.0	50.0	215.50	10.72	202.30	9.76	195.60	9.31	189.00	8.86	173.90	7.93	158.80	7.06
	57.0	53.0	215.50	10.07	202.30	9.18	195.60	8.76	189.00	8.34	173.90	7.48	158.80	6.66
	60.0	56.0	215.50	9.70	202.30	8.86	195.60	8.45	189.00	8.06	173.90	7.23	158.80	6.44

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC360S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	304.18	7.65	369.64	10.39	435.21	13.04	468.00	14.66	527.80	17.13	588.87	18.40	623.90	20.06
	10	304.18	8.06	369.64	10.83	435.21	13.51	468.00	15.12	527.80	17.58	583.04	18.78	617.73	20.37
	14	304.18	8.48	369.64	11.28	435.21	14.00	468.00	15.59	527.80	18.04	577.26	19.16	611.61	20.68
	23	304.18	8.93	369.64	11.75	435.21	14.50	468.00	16.08	527.80	18.49	571.55	19.55	605.55	20.99
	27	304.18	9.39	369.64	12.24	435.21	15.02	468.00	16.58	527.80	18.97	565.89	19.95	599.55	21.30
	32	304.18	9.90	369.64	12.74	435.21	15.56	468.00	17.09	527.80	19.46	560.28	20.36	593.61	21.63
	37	304.18	10.42	369.64	13.28	435.21	16.13	468.00	17.61	527.80	19.96	554.74	20.77	587.74	21.96
	41	304.18	10.96	369.64	13.83	435.21	16.71	468.00	18.16	527.80	20.47	549.24	21.20	581.92	22.29
	46	304.18	11.18	369.64	14.08	435.21	16.98	468.00	18.44	524.24	20.72	545.28	21.50	576.57	22.65
	50	304.18	11.38	369.64	14.31	435.21	17.26	468.00	18.73	521.80	20.98	541.74	21.76	572.92	23.04
	54	304.18	11.70	369.64	14.66	435.21	17.63	468.00	19.14	519.36	21.36	538.10	22.16	569.28	23.60
	57	304.18	12.03	369.64	15.01	435.21	18.07	468.00	19.65	517.02	21.90	534.57	22.68	565.74	24.19
	61	304.18	12.39	369.64	15.50	435.21	18.67	468.00	20.29	514.58	22.47	530.92	23.28	562.10	24.93
	64	304.18	12.87	369.64	16.04	435.21	19.30	468.00	21.00	511.74	23.24	527.28	24.07	558.57	25.98
	68	304.18	13.35	369.64	16.64	435.21	20.11	467.22	21.96	508.10	24.17	523.74	25.15	554.92	27.32
	72	304.18	13.93	369.64	17.36	435.21	21.15	464.78	23.01	504.46	25.41	520.10	26.48	551.28	29.04
	75	304.18	14.53	369.64	18.26	435.21	22.45	462.44	24.38	500.92	26.88	516.57	28.14	547.74	31.12
	79	304.18	15.32	369.64	19.34	435.21	23.94	460.00	25.87	497.28	28.71	512.92	30.11	537.21	32.95
	82	304.18	16.23	369.64	20.61	435.21	25.70	457.56	27.73	493.74	30.68	504.17	31.79	524.01	34.70
	86	304.18	17.27	369.64	22.09	433.88	27.66	450.67	29.29	481.99	32.04	490.52	33.20	508.01	36.36
	90	304.18	18.49	369.64	23.91	423.77	28.85	439.11	30.36	463.53	33.03	471.28	34.30	489.11	37.01
	93	304.18	20.08	369.64	25.89	412.32	29.87	424.06	31.31	444.18	33.95	452.13	35.17	470.10	36.38
	95	304.18	21.00	369.64	26.85	406.54	30.46	414.89	31.68	434.56	34.33	442.51	35.15	460.70	35.84
	99	304.18	22.78	363.64	28.29	388.50	31.16	396.33	32.33	415.20	34.23	423.26	34.49	441.80	34.79
	102	304.18	24.59	351.42	29.32	370.46	31.79	377.88	32.61	395.96	33.42	404.11	33.44	422.80	33.76
	106	304.18	26.77	339.20	30.43	352.41	31.90	359.32	32.13	376.60	32.42	384.87	32.44	403.90	32.77
	111	291.96	29.04	309.88	30.68	325.39	31.15	331.49	30.98	347.62	31.02	356.10	31.04	375.60	31.37
	115	279.62	30.28	290.37	30.33	307.34	30.59	312.93	30.30	328.27	30.20	336.96	30.20	356.60	30.53
	118	259.30	30.18	270.74	29.80	289.30	30.20	294.38	29.80	309.02	29.51	314.41	29.13	331.40	29.17
	120	249.09	30.13	261.03	29.65	280.22	30.10	285.21	29.63	295.99	28.84	301.49	28.47	312.58	27.74
	122	234.13	28.62	245.43	28.17	263.43	28.59	268.10	28.15	278.23	27.40	283.41	27.05	293.74	26.36
120	5	280.82	7.07	341.36	9.56	401.79	11.91	432.00	13.38	492.53	15.92	522.64	17.55	608.80	19.67
	10	280.82	7.44	341.36	9.95	401.79	12.34	432.00	13.79	492.53	16.32	522.64	17.91	602.78	19.97
	14	280.82	7.83	341.36	10.36	401.79	12.78	432.00	14.22	492.53	16.74	522.64	18.27	596.81	20.28
	23	280.82	8.24	341.36	10.78	401.79	13.24	432.00	14.66	492.53	17.17	522.64	18.64	590.90	20.59
	27	280.82	8.68	341.36	11.24	401.79	13.72	432.00	15.12	492.53	17.60	522.64	19.02	585.05	20.90
	32	280.82	9.14	341.36	11.70	401.79	14.22	432.00	15.59	492.53	18.06	522.64	19.41	579.26	21.21
	37	280.82	9.62	341.36	12.19	401.79	14.74	432.00	16.08	492.53	18.51	522.64	19.80	573.52	21.54
	41	280.82	10.12	341.36	12.70	401.79	15.28	432.00	16.57	492.53	18.98	522.64	20.20	567.84	21.86
	46	280.82	10.33	341.36	12.91	401.79	15.51	432.00	16.80	492.53	19.35	521.20	20.55	564.18	22.18
	50	280.82	10.48	341.36	13.11	401.79	15.74	432.00	17.06	492.53	19.69	518.76	20.79	561.04	22.48
	54	280.82	10.73	341.36	13.37	401.79	16.06	432.00	17.40	492.53	20.10	516.31	21.14	557.40	22.92
	57	280.82	11.00	341.36	13.67	401.79	16.42	432.00	17.81	492.53	20.68	513.98	21.63	553.87	23.44
	61	280.82	11.30	341.36	14.08	401.79	16.92	432.00	18.39	490.09	21.19	511.53	22.18	550.22	24.09
	64	280.82	11.69	341.36	14.54	401.79	17.48	432.00	18.99	487.76	21.83	509.20	22.91	546.58	24.94
	68	280.82	12.08	341.36	15.04	401.79	18.16	432.00	19.79	485.31	22.68	506.76	23.86	543.04	26.08
	72	280.82	12.58	341.36	15.68	401.79	19.02	432.00	20.81	482.87	23.79	504.31	25.12	539.40	27.51
	75	280.82	13.14	341.36	16.46	401.79	20.11	432.00	22.13	480.53	25.20	501.48	26.62	535.87	29.31
	79	280.82	13.85	341.36	17.44	401.79	21.50	432.00	23.76	478.09	26.90	497.83	28.41	530.44	31.22
	82	280.82	14.68	341.36	18.60	401.79	23.09	432.00	25.65	475.76	28.88	494.30	30.40	517.13	32.63
	86	280.82	15.62	341.36	19.91	401.79	24.97	430.22	27.63	468.20	30.49	481.21	31.62	500.22	33.83
	90	280.82	16.70	341.36	21.51	401.79	27.06	420.67	28.93	452.58	31.42	462.96	32.50	481.51	34.96
	93	280.82	18.04	341.36	23.36	396.01	28.59	409.33	29.95	433.77	32.13	444.01	33.32	462.80	35.62
	95	280.82	18.85	341.36	24.32	390.23	29.06	403.56	30.50	424.26	32.49	434.49	33.68	453.49	35.41
	99	280.82	20.54	341.36	26.26	378.79	30.10	386.02	31.10	405.44	33.04	415.54	33.84	434.78	34.53
	102	280.82	22.27	341.36	28.44	363.94	30.85	368.59	31.56	386.52	32.77	396.60	33.14	416.07	33.52
	106	280.82	24.25	329.36	29.38	345.39	31.14	351.06	31.61	367.71	31.96	377.54	32.15	397.36	32.57
	111	280.82	27.71	308.07	30.37	317.77	30.62	324.74	30.77	339.39	30.64	349.08	30.79	369.44	31.23
	115	269.82	28.75	289.38	30.18	299.42	30.03	307.31	30.24	320.47	29.90	330.03	30.00	350.73	30.43
	118	258.93	29.82	270.68	29.87	281.08	29.62	289.78	29.91	301.66	29.28	307.69	28.97	325.42	29.07
	120	248.89	29.80	261.39	29.82	271.80	29.51	277.31	29.38	288.84	28.65	294.77	28.32	306.60	27.65
	122	234.03	28.32	245.68	28.33	255.54	28.04	260.73	27.91	271.51	27.22	277.11	26.90	288.19	26.27

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC360S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	257.36	6.48	312.86	8.70	368.36	10.75	396.00	12.09	451.50	14.40	479.14	15.92	534.64	18.52
	10	257.36	6.83	312.86	9.05	368.36	11.14	396.00	12.47	451.50	14.77	479.14	16.25	534.64	18.79
	14	257.36	7.18	312.86	9.43	368.36	11.55	396.00	12.86	451.50	15.15	479.14	16.57	534.64	19.08
	23	257.36	7.56	312.86	9.82	368.36	11.98	396.00	13.25	451.50	15.54	479.14	16.90	534.64	19.37
	27	257.36	7.95	312.86	10.23	368.36	12.41	396.00	13.66	451.50	15.94	479.14	17.25	534.64	19.66
	32	257.36	8.38	312.86	10.66	368.36	12.87	396.00	14.08	451.50	16.35	479.14	17.60	534.64	19.97
	37	257.36	8.81	312.86	11.10	368.36	13.34	396.00	14.52	451.50	16.78	479.14	17.96	534.64	20.27
	41	257.36	9.28	312.86	11.56	368.36	13.83	396.00	14.96	451.50	17.20	479.14	18.33	534.64	20.58
	46	257.36	9.47	312.86	11.76	368.36	14.04	396.00	15.20	451.50	17.48	479.14	18.64	534.64	20.98
	50	257.36	9.61	312.86	11.91	368.36	14.23	396.00	15.40	451.50	17.75	479.14	18.93	532.76	21.26
	54	257.36	9.79	312.86	12.12	368.36	14.50	396.00	15.70	451.50	18.10	479.14	19.33	530.42	21.61
	57	257.36	10.00	312.86	12.38	368.36	14.81	396.00	16.03	451.50	18.56	479.14	19.84	527.98	22.06
	61	257.36	10.25	312.86	12.69	368.36	15.22	396.00	16.51	451.50	19.12	479.14	20.44	525.53	22.66
	64	257.36	10.55	312.86	13.06	368.36	15.70	396.00	17.06	451.50	19.77	479.14	21.20	523.20	23.46
	68	257.36	10.85	312.86	13.49	368.36	16.27	396.00	17.69	451.50	20.62	477.37	22.03	520.76	24.45
	72	257.36	11.26	312.86	14.05	368.36	16.99	396.00	18.53	451.50	21.68	474.92	23.05	518.42	25.69
	75	257.36	11.78	312.86	14.72	368.36	17.91	396.00	19.59	450.83	23.02	472.59	24.39	515.98	27.30
	79	257.36	12.41	312.86	15.58	368.36	19.10	396.00	21.06	448.50	24.56	470.14	26.04	512.63	29.17
	82	257.36	13.18	312.86	16.62	368.36	20.59	396.00	22.81	446.06	26.36	467.70	27.94	503.10	30.67
	86	257.36	14.02	312.86	17.85	368.36	22.30	396.00	24.80	443.72	28.31	461.26	29.61	490.12	31.88
	90	257.36	14.99	312.86	19.26	368.36	24.20	396.00	26.91	433.94	29.65	449.37	30.76	472.06	32.68
	93	257.36	16.12	312.86	20.89	368.36	26.29	390.44	28.59	422.17	30.70	431.28	31.37	453.78	33.51
	95	257.36	16.80	312.86	21.78	368.36	27.33	384.89	29.07	413.39	30.97	422.18	31.66	444.69	33.90
	99	257.36	18.31	312.86	23.67	362.58	28.80	373.78	29.99	395.51	31.48	403.99	32.22	426.41	33.95
	102	257.36	20.00	312.86	25.64	351.02	29.66	359.57	30.62	377.84	31.84	385.90	32.27	408.13	33.15
	106	257.36	21.85	312.86	27.77	339.58	30.48	342.26	30.85	360.08	31.55	367.70	31.57	390.07	32.24
	111	257.36	24.92	298.19	29.20	312.36	30.27	316.29	30.37	333.52	30.50	340.52	30.37	362.70	31.00
	115	257.36	27.08	288.22	30.02	294.20	29.80	298.98	29.90	315.76	29.90	322.32	29.69	344.42	30.26
	118	251.02	28.53	271.04	30.05	276.04	29.45	281.67	29.63	294.18	29.04	300.53	28.77	319.44	28.97
	120	238.36	27.90	252.01	28.56	263.38	28.92	269.31	29.13	281.70	28.47	288.04	28.16	300.63	27.54
	122	224.03	26.50	236.83	27.13	247.56	27.47	253.06	27.68	264.80	27.05	270.71	26.76	282.54	26.17
100	5	234.00	5.90	284.36	7.80	334.82	9.65	360.00	10.81	410.36	12.92	435.64	14.30	486.00	16.67
	10	234.00	6.21	284.36	8.13	334.82	10.00	360.00	11.14	410.36	13.25	435.64	14.59	486.00	16.92
	14	234.00	6.54	284.36	8.47	334.82	10.35	360.00	11.49	410.36	13.59	435.64	14.88	486.00	17.18
	23	234.00	6.88	284.36	8.83	334.82	10.73	360.00	11.84	410.36	13.94	435.64	15.18	486.00	17.44
	27	234.00	7.24	284.36	9.21	334.82	11.12	360.00	12.20	410.36	14.29	435.64	15.49	486.00	17.69
	32	234.00	7.62	284.36	9.60	334.82	11.53	360.00	12.58	410.36	14.66	435.64	15.81	486.00	17.96
	37	234.00	8.02	284.36	9.99	334.82	11.95	360.00	12.97	410.36	15.04	435.64	16.14	486.00	18.24
	41	234.00	8.44	284.36	10.41	334.82	12.39	360.00	13.38	410.36	15.43	435.64	16.46	486.00	18.52
	46	234.00	8.62	284.36	10.60	334.82	12.58	360.00	13.57	410.36	15.65	435.64	16.69	486.00	18.76
	50	234.00	8.74	284.36	10.73	334.82	12.73	360.00	13.74	410.36	15.85	435.64	16.90	486.00	19.03
	54	234.00	8.85	284.36	10.88	334.82	12.96	360.00	14.00	410.36	16.14	435.64	17.23	486.00	19.44
	57	234.00	9.01	284.36	11.09	334.82	13.20	360.00	14.28	410.36	16.51	435.64	17.63	486.00	19.89
	61	234.00	9.20	284.36	11.34	334.82	13.55	360.00	14.70	410.36	16.96	435.64	18.11	486.00	20.47
	64	234.00	9.41	284.36	11.63	334.82	13.96	360.00	15.17	410.36	17.53	435.64	18.74	486.00	21.25
	68	234.00	9.62	284.36	11.97	334.82	14.44	360.00	15.71	410.36	18.21	435.64	19.52	486.00	22.27
	72	234.00	9.95	284.36	12.44	334.82	15.05	360.00	16.38	410.36	19.08	435.64	20.51	486.00	23.49
	75	234.00	10.40	284.36	13.03	334.82	15.80	360.00	17.24	410.36	20.20	435.64	21.75	486.00	24.94
	79	234.00	10.99	284.36	13.78	334.82	16.79	360.00	18.40	410.36	21.65	435.64	23.35	486.00	26.86
	82	234.00	11.68	284.36	14.69	334.82	18.12	360.00	20.05	410.36	23.51	435.64	25.29	480.33	28.51
	86	234.00	12.45	284.36	15.81	334.82	19.75	360.00	21.94	410.36	25.52	435.64	27.37	469.11	29.72
	90	234.00	13.29	284.36	17.12	334.82	21.48	360.00	23.89	410.36	27.67	425.20	28.62	457.89	30.82
	93	234.00	14.29	284.36	18.55	334.82	23.35	360.00	26.09	399.36	28.79	414.76	29.70	443.36	31.58
	95	234.00	14.85	284.36	19.32	334.82	24.45	360.00	27.20	393.80	29.23	409.53	30.19	434.70	31.84
	99	234.00	16.12	284.36	21.13	334.82	26.51	354.67	28.64	382.69	30.06	395.89	30.88	417.07	32.42
	102	234.00	17.72	284.36	23.04	334.82	28.50	343.89	29.35	368.59	30.62	379.03	31.32	399.54	32.55
	106	234.00	19.53	284.36	24.94	323.27	29.09	333.11	30.09	351.18	30.80	362.29	31.38	382.02	31.84
	111	234.00	22.31	284.36	27.88	305.93	29.87	307.60	29.90	325.01	30.08	337.12	30.57	355.63	30.72
	115	234.00	24.15	273.91	28.36	288.88	29.58	290.52	29.52	307.81	29.55	320.38	30.10	338.00	30.09
	118	234.00	25.96	261.07	28.79	267.73	28.85	273.56	29.32	286.80	28.79	300.03	29.44	313.48	28.88
	120	225.33	25.71	242.63	27.30	255.06	28.34	261.31	28.88	274.44	28.28	281.22	28.00	294.66	27.45
	122	211.74	24.42	228.10	25.94	239.77	26.93	245.59	27.44	257.97	26.86	264.42	26.60	276.89	26.08

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC360S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	210.64	5.32	255.97	7.01	301.29	8.63	324.00	9.64	369.32	11.49	392.03	12.71	437.36	14.81
	10	210.64	5.60	255.97	7.30	301.29	8.94	324.00	9.94	369.32	11.78	392.03	12.97	437.36	15.03
	14	210.64	5.89	255.97	7.61	301.29	9.26	324.00	10.25	369.32	12.10	392.03	13.23	437.36	15.25
	23	210.64	6.20	255.97	7.93	301.29	9.61	324.00	10.56	369.32	12.41	392.03	13.50	437.36	15.48
	27	210.64	6.52	255.97	8.25	301.29	9.95	324.00	10.89	369.32	12.73	392.03	13.78	437.36	15.72
	32	210.64	6.87	255.97	8.59	301.29	10.31	324.00	11.23	369.32	13.05	392.03	14.06	437.36	15.97
	37	210.64	7.23	255.97	8.95	301.29	10.69	324.00	11.57	369.32	13.39	392.03	14.35	437.36	16.21
	41	210.64	7.60	255.97	9.33	301.29	11.07	324.00	11.93	369.32	13.73	392.03	14.64	437.36	16.45
	46	210.64	7.77	255.97	9.51	301.29	11.24	324.00	12.11	369.32	13.93	392.03	14.83	437.36	16.65
	50	210.64	7.89	255.97	9.64	301.29	11.39	324.00	12.26	369.32	14.09	392.03	15.01	437.36	16.86
	54	210.64	8.00	255.97	9.77	301.29	11.55	324.00	12.45	369.32	14.31	392.03	15.25	437.36	17.15
	57	210.64	8.15	255.97	9.95	301.29	11.76	324.00	12.69	369.32	14.60	392.03	15.59	437.36	17.55
	61	210.64	8.33	255.97	10.17	301.29	12.05	324.00	13.01	369.32	14.99	392.03	15.99	437.36	18.01
	64	210.64	8.52	255.97	10.43	301.29	12.40	324.00	13.40	369.32	15.45	392.03	16.49	437.36	18.63
	68	210.64	8.71	255.97	10.72	301.29	12.81	324.00	13.88	369.32	16.03	392.03	17.15	437.36	19.46
	72	210.64	8.99	255.97	11.12	301.29	13.33	324.00	14.46	369.32	16.77	392.03	17.98	437.36	20.51
	75	210.64	9.38	255.97	11.61	301.29	13.95	324.00	15.15	369.32	17.68	392.03	18.99	437.36	21.71
	79	210.64	9.84	255.97	12.25	301.29	14.77	324.00	16.08	369.32	18.80	392.03	20.20	437.36	23.06
	82	210.64	10.43	255.97	13.00	301.29	15.77	324.00	17.25	369.32	20.17	392.03	21.67	437.36	24.80
	86	210.64	11.07	255.97	13.91	301.29	17.04	324.00	18.73	369.32	21.79	392.03	23.39	437.36	26.72
	90	210.64	11.80	255.97	14.96	301.29	18.45	324.00	20.31	369.32	23.56	392.03	25.25	432.13	28.22
	93	210.64	12.65	255.97	16.18	301.29	20.00	324.00	22.01	369.32	25.49	392.03	27.23	421.58	29.19
	95	210.64	13.16	255.97	16.85	301.29	20.86	324.00	23.00	369.32	26.48	392.03	28.22	416.36	29.62
	99	210.64	14.32	255.97	18.39	301.29	22.72	324.00	24.96	369.32	28.46	381.37	29.09	405.80	30.53
	102	210.64	15.76	255.97	20.09	301.29	24.59	324.00	26.93	357.43	29.16	370.70	29.97	389.24	31.00
	106	210.64	17.31	255.97	21.80	301.29	26.57	318.33	28.33	345.43	29.94	357.23	30.68	372.69	31.29
	111	210.64	19.81	255.97	24.69	295.07	29.04	301.11	29.50	320.14	30.09	332.73	30.67	347.91	30.52
	115	210.64	21.60	255.97	26.78	282.13	29.44	285.67	29.53	300.86	29.40	316.36	30.29	331.26	30.03
	118	210.64	23.54	239.24	26.65	260.10	28.76	263.43	28.78	278.57	28.52	292.29	29.24	307.50	28.93
	120	199.56	23.10	221.41	25.31	240.77	27.29	250.76	28.30	265.87	27.97	273.37	27.81	288.79	27.52
	122	187.68	21.94	208.14	24.05	226.32	25.92	235.67	26.89	249.92	26.57	256.99	26.42	271.44	26.15
80	5	187.18	4.55	227.47	5.98	267.86	7.31	288.00	8.18	328.29	9.72	348.53	10.74	388.82	12.50
	10	187.18	4.82	227.47	6.25	267.86	7.62	288.00	8.48	328.29	10.04	348.53	11.02	388.82	12.75
	14	187.18	5.10	227.47	6.54	267.86	7.94	288.00	8.79	328.29	10.35	348.53	11.30	388.82	13.01
	23	187.18	5.39	227.47	6.86	267.86	8.27	288.00	9.10	328.29	10.67	348.53	11.59	388.82	13.27
	27	187.18	5.70	227.47	7.18	267.86	8.61	288.00	9.43	328.29	10.99	348.53	11.88	388.82	13.53
	32	187.18	6.03	227.47	7.52	267.86	8.97	288.00	9.77	328.29	11.34	348.53	12.19	388.82	13.81
	37	187.18	6.39	227.47	7.88	267.86	9.35	288.00	10.13	328.29	11.69	348.53	12.50	388.82	14.09
	41	187.18	6.77	227.47	8.26	267.86	9.74	288.00	10.50	328.29	12.05	348.53	12.82	388.82	14.38
	46	187.18	6.92	227.47	8.41	267.86	9.91	288.00	10.66	328.29	12.22	348.53	13.00	388.82	14.56
	50	187.18	7.04	227.47	8.54	267.86	10.04	288.00	10.80	328.29	12.35	348.53	13.14	388.82	14.72
	54	187.18	7.17	227.47	8.67	267.86	10.17	288.00	10.93	328.29	12.53	348.53	13.31	388.82	14.92
	57	187.18	7.28	227.47	8.81	267.86	10.35	288.00	11.12	328.29	12.74	348.53	13.57	388.82	15.23
	61	187.18	7.44	227.47	9.00	267.86	10.58	288.00	11.37	328.29	13.05	348.53	13.92	388.82	15.64
	64	187.18	7.61	227.47	9.23	267.86	10.86	288.00	11.69	328.29	13.44	348.53	14.34	388.82	16.16
	68	187.18	7.78	227.47	9.47	267.86	11.21	288.00	12.09	328.29	13.92	348.53	14.85	388.82	16.79
	72	187.18	8.00	227.47	9.81	267.86	11.65	288.00	12.59	328.29	14.55	348.53	15.56	388.82	17.66
	75	187.18	8.32	227.47	10.22	267.86	12.18	288.00	13.17	328.29	15.31	348.53	16.43	388.82	18.75
	79	187.18	8.70	227.47	10.73	267.86	12.85	288.00	13.93	328.29	16.25	348.53	17.42	388.82	19.88
	82	187.18	9.14	227.47	11.35	267.86	13.64	288.00	14.82	328.29	17.26	348.53	18.51	388.82	21.08
	86	187.18	9.67	227.47	12.07	267.86	14.57	288.00	15.85	328.29	18.46	348.53	19.83	388.82	22.67
	90	187.18	10.27	227.47	12.90	267.86	15.66	288.00	17.08	328.29	19.89	348.53	21.36	388.82	24.41
	93	187.18	11.00	227.47	13.89	267.86	16.88	288.00	18.42	328.29	21.44	348.53	22.99	388.82	26.17
	95	187.18	11.45	227.47	14.44	267.86	17.56	288.00	19.17	328.29	22.26	348.53	23.86	388.82	27.06
	99	187.18	12.49	227.47	15.74	267.86	19.09	288.00	20.80	328.29	24.02	348.53	25.64	383.71	28.35
	102	187.18	13.73	227.47	17.18	267.86	20.77	288.00	22.62	328.29	25.89	348.53	27.53	373.60	29.09
	106	187.18	15.00	227.47	18.69	267.86	22.59	288.00	24.61	328.29	27.94	342.87	28.90	363.38	29.93
	111	187.18	17.30	227.47	21.46	267.86	25.82	288.00	28.08	312.51	29.47	326.09	30.30	341.66	30.53
	115	187.18	19.03	227.47	23.59	267.86	28.34	277.67	29.25	299.16	29.93	308.87	30.10	324.94	30.02
	118	187.18	21.17	217.38	24.53	245.51	27.66	259.32	29.18	276.10	29.08	284.54	29.06	301.63	29.00
	120	172.78	20.32	199.78	23.29	226.69	26.24	240.20	27.72	257.08	27.64	265.62	27.62	282.81	27.57
	122	162.50	19.30	187.79	22.13	213.09	24.93	225.74	26.33	241.66	26.25	249.67	26.25	265.90	26.19

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC360S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	163.82	4.02	199.07	5.23	234.32	6.38	252.00	7.11	287.36	8.41	304.93	9.26	340.18	10.72
	10	163.82	4.25	199.07	5.48	234.32	6.64	252.00	7.37	287.36	8.67	304.93	9.50	340.18	10.95
	14	163.82	4.50	199.07	5.73	234.32	6.92	252.00	7.63	287.36	8.93	304.93	9.75	340.18	11.17
	23	163.82	4.76	199.07	6.01	234.32	7.21	252.00	7.91	287.36	9.21	304.93	9.99	340.18	11.39
	27	163.82	5.04	199.07	6.29	234.32	7.51	252.00	8.20	287.36	9.50	304.93	10.25	340.18	11.62
	32	163.82	5.33	199.07	6.59	234.32	7.82	252.00	8.50	287.36	9.79	304.93	10.51	340.18	11.86
	37	163.82	5.64	199.07	6.90	234.32	8.15	252.00	8.81	287.36	10.10	304.93	10.79	340.18	12.11
	41	163.82	5.96	199.07	7.22	234.32	8.49	252.00	9.13	287.36	10.41	304.93	11.06	340.18	12.35
	46	163.82	6.09	199.07	7.36	234.32	8.64	252.00	9.28	287.36	10.58	304.93	11.22	340.18	12.52
	50	163.82	6.20	199.07	7.48	234.32	8.76	252.00	9.39	287.36	10.69	304.93	11.35	340.18	12.65
	54	163.82	6.31	199.07	7.58	234.32	8.87	252.00	9.51	287.36	10.83	304.93	11.48	340.18	12.80
	57	163.82	6.41	199.07	7.71	234.32	9.00	252.00	9.66	287.36	10.99	304.93	11.67	340.18	13.02
	61	163.82	6.53	199.07	7.86	234.32	9.18	252.00	9.85	287.36	11.24	304.93	11.94	340.18	13.35
	64	163.82	6.69	199.07	8.04	234.32	9.41	252.00	10.09	287.36	11.55	304.93	12.28	340.18	13.78
	68	163.82	6.82	199.07	8.26	234.32	9.69	252.00	10.42	287.36	11.94	304.93	12.71	340.18	14.29
	72	163.82	6.99	199.07	8.51	234.32	10.05	252.00	10.82	287.36	12.43	304.93	13.26	340.18	14.95
	75	163.82	7.22	199.07	8.85	234.32	10.49	252.00	11.32	287.36	13.06	304.93	13.95	340.18	15.84
	79	163.82	7.49	199.07	9.24	234.32	11.01	252.00	11.90	287.36	13.83	304.93	14.81	340.18	16.85
	82	163.82	7.85	199.07	9.73	234.32	11.66	252.00	12.64	287.36	14.67	304.93	15.73	340.18	17.88
	86	163.82	8.24	199.07	10.28	234.32	12.34	252.00	13.37	287.36	15.57	304.93	16.68	340.18	19.00
	90	163.82	8.73	199.07	10.90	234.32	13.15	252.00	14.29	287.36	16.66	304.93	17.89	340.18	20.48
	93	163.82	9.30	199.07	11.68	234.32	14.10	252.00	15.32	287.36	17.92	304.93	19.26	340.18	22.03
	95	163.82	9.68	199.07	12.14	234.32	14.65	252.00	15.93	287.36	18.63	304.93	20.01	340.18	22.82
	99	163.82	10.54	199.07	13.21	234.32	15.91	252.00	17.27	287.36	20.10	304.93	21.54	340.18	24.44
	102	163.82	11.63	199.07	14.44	234.32	17.34	252.00	18.82	287.36	21.76	304.93	23.22	340.18	26.12
	106	163.82	12.71	199.07	15.79	234.32	18.98	252.00	20.63	287.36	23.57	304.93	25.01	340.18	27.83
	111	163.82	14.68	199.07	18.24	234.32	21.89	252.00	23.73	287.36	26.60	304.93	28.03	324.29	28.81
	115	163.82	16.37	199.07	20.23	234.32	24.18	252.00	26.19	281.02	28.22	291.98	28.86	311.43	29.53
	118	163.82	18.53	194.44	22.26	226.03	26.05	242.10	27.96	260.76	28.29	270.03	28.41	288.07	28.60
	120	150.18	18.79	179.54	21.96	209.11	25.13	224.00	26.74	241.93	26.90	251.11	26.99	269.36	27.18
	122	141.18	17.85	168.83	20.86	196.58	23.87	210.61	25.40	227.37	25.56	236.01	25.63	253.19	25.82
60	5	140.36	3.34	170.68	4.35	200.89	5.30	216.00	5.90	246.21	6.65	261.32	7.03	291.64	7.77
	10	140.36	3.55	170.68	4.59	200.89	5.54	216.00	6.14	246.21	6.93	261.32	7.32	291.64	8.09
	14	140.36	3.78	170.68	4.83	200.89	5.81	216.00	6.40	246.21	7.22	261.32	7.63	291.64	8.42
	23	140.36	4.03	170.68	5.08	200.89	6.09	216.00	6.67	246.21	7.52	261.32	7.95	291.64	8.78
	27	140.36	4.28	170.68	5.34	200.89	6.38	216.00	6.94	246.21	7.83	261.32	8.28	291.64	9.15
	32	140.36	4.56	170.68	5.62	200.89	6.68	216.00	7.23	246.21	8.15	261.32	8.62	291.64	9.54
	37	140.36	4.85	170.68	5.92	200.89	6.99	216.00	7.53	246.21	8.50	261.32	8.98	291.64	9.94
	41	140.36	5.16	170.68	6.23	200.89	7.31	216.00	7.85	246.21	8.85	261.32	9.36	291.64	10.36
	46	140.36	5.27	170.68	6.35	200.89	7.43	216.00	7.97	246.21	9.00	261.32	9.49	291.64	10.52
	50	140.36	5.35	170.68	6.43	200.89	7.52	216.00	8.07	246.21	9.10	261.32	9.61	291.64	10.63
	54	140.36	5.43	170.68	6.53	200.89	7.62	216.00	8.18	246.21	9.21	261.32	9.74	291.64	10.77
	57	140.36	5.51	170.68	6.63	200.89	7.74	216.00	8.31	246.21	9.35	261.32	9.88	291.64	10.94
	61	140.36	5.60	170.68	6.74	200.89	7.88	216.00	8.45	246.21	9.53	261.32	10.08	291.64	11.17
	64	140.36	5.73	170.68	6.89	200.89	8.06	216.00	8.65	246.21	9.78	261.32	10.35	291.64	11.49
	68	140.36	5.86	170.68	7.05	200.89	8.27	216.00	8.88	246.21	10.08	261.32	10.70	291.64	11.94
	72	140.36	5.99	170.68	7.26	200.89	8.54	216.00	9.17	246.21	10.46	261.32	11.10	291.64	12.42
	75	140.36	6.15	170.68	7.51	200.89	8.88	216.00	9.57	246.21	10.94	261.32	11.64	291.64	13.08
	79	140.36	6.33	170.68	7.79	200.89	9.28	216.00	10.02	246.21	11.53	261.32	12.31	291.64	13.88
	82	140.36	6.59	170.68	8.17	200.89	9.78	216.00	10.59	246.21	12.22	261.32	13.06	291.64	14.79
	86	140.36	6.88	170.68	8.57	200.89	10.29	216.00	11.15	246.21	12.92	261.32	13.83	291.64	15.71
	90	140.36	7.25	170.68	9.04	200.89	10.88	216.00	11.80	246.21	13.76	261.32	14.76	291.64	16.85
	93	140.36	7.65	170.68	9.60	200.89	11.58	216.00	12.56	246.21	14.75	261.32	15.86	291.64	18.13
	95	140.36	7.96	170.68	9.98	200.89	12.04	216.00	13.09	246.21	15.36	261.32	16.50	291.64	18.84
	99	140.36	8.60	170.68	10.84	200.89	13.12	216.00	14.28	246.21	16.65	261.32	17.86	291.64	20.32
	102	140.36	9.52	170.68	11.90	200.89	14.32	216.00	15.53	246.21	18.06	261.32	19.33	291.64	21.83
	106	140.36	10.48	170.68	13.10	200.89	15.80	216.00	17.19	246.21	19.72	261.32	20.95	291.64	23.41
	111	140.36	12.16	170.68	15.21	200.89	18.34	216.00	19.92	246.21	22.33	261.32	23.50	291.64	25.80
	115	140.36	13.53	170.68	16.85	200.89	20.19	216.00	21.88	246.21	24.23	261.32	25.39	291.64	27.59
	118	140.36	15.52	169.93	18.99	200.47	22.48	216.00	24.23	237.58	26.24	247.82	26.93	267.12	27.64
	120	133.08	16.71	160.18	20.03	187.92	23.36	201.94	25.05	220.32	25.60	229.72	25.87	248.30	26.32
	122	125.04	15.88	150.53	19.03	176.57	22.19	189.83	23.80	207.14	24.32	216.01	24.58	233.31	25.00

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC360S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	117.00	2.84	142.18	3.67	167.36	4.44	180.00	4.94	205.18	5.48	217.82	5.75	243.00	6.29
	10	117.00	3.02	142.18	3.87	167.36	4.65	180.00	5.15	205.18	5.71	217.82	5.99	243.00	6.55
	14	117.00	3.22	142.18	4.07	167.36	4.86	180.00	5.36	205.18	5.96	217.82	6.24	243.00	6.83
	23	117.00	3.42	142.18	4.28	167.36	5.10	180.00	5.59	205.18	6.20	217.82	6.49	243.00	7.12
	27	117.00	3.63	142.18	4.51	167.36	5.34	180.00	5.82	205.18	6.46	217.82	6.77	243.00	7.41
	32	117.00	3.86	142.18	4.74	167.36	5.59	180.00	6.06	205.18	6.72	217.82	7.05	243.00	7.72
	37	117.00	4.11	142.18	4.99	167.36	5.85	180.00	6.31	205.18	7.00	217.82	7.34	243.00	8.04
	41	117.00	4.37	142.18	5.25	167.36	6.13	180.00	6.58	205.18	7.29	217.82	7.65	243.00	8.38
	46	117.00	4.46	142.18	5.34	167.36	6.22	180.00	6.66	205.18	7.40	217.82	7.77	243.00	8.52
	50	117.00	4.52	142.18	5.41	167.36	6.30	180.00	6.74	205.18	7.49	217.82	7.88	243.00	8.63
	54	117.00	4.57	142.18	5.49	167.36	6.40	180.00	6.85	205.18	7.60	217.82	7.98	243.00	8.75
	57	117.00	4.62	142.18	5.55	167.36	6.50	180.00	6.97	205.18	7.72	217.82	8.11	243.00	8.88
	61	117.00	4.70	142.18	5.64	167.36	6.60	180.00	7.07	205.18	7.86	217.82	8.25	243.00	9.04
	64	117.00	4.80	142.18	5.76	167.36	6.72	180.00	7.21	205.18	8.03	217.82	8.43	243.00	9.26
	68	117.00	4.90	142.18	5.89	167.36	6.89	180.00	7.38	205.18	8.26	217.82	8.72	243.00	9.64
	72	117.00	5.01	142.18	6.03	167.36	7.07	180.00	7.59	205.18	8.56	217.82	9.06	243.00	10.04
	75	117.00	5.10	142.18	6.20	167.36	7.30	180.00	7.86	205.18	8.91	217.82	9.44	243.00	10.51
	79	117.00	5.24	142.18	6.43	167.36	7.65	180.00	8.26	205.18	9.38	217.82	9.95	243.00	11.10
	82	117.00	5.39	142.18	6.68	167.36	7.99	180.00	8.66	205.18	9.90	217.82	10.53	243.00	11.83
	86	117.00	5.59	142.18	6.97	167.36	8.37	180.00	9.07	205.18	10.46	217.82	11.17	243.00	12.62
	90	117.00	5.87	142.18	7.32	167.36	8.76	180.00	9.50	205.18	11.07	217.82	11.88	243.00	13.53
	93	117.00	6.14	142.18	7.68	167.36	9.24	180.00	10.03	205.18	11.81	217.82	12.72	243.00	14.57
	95	117.00	6.34	142.18	7.93	167.36	9.53	180.00	10.32	205.18	12.24	217.82	13.20	243.00	15.12
	99	117.00	6.87	142.18	8.63	167.36	10.45	180.00	11.38	205.18	13.36	217.82	14.36	243.00	16.37
	102	117.00	7.54	142.18	9.51	167.36	11.50	180.00	12.50	205.18	14.59	217.82	15.63	243.00	17.74
	106	117.00	8.41	142.18	10.51	167.36	12.72	180.00	13.85	205.18	16.01	217.82	17.07	243.00	19.20
	111	117.00	9.90	142.18	12.43	167.36	15.03	180.00	16.36	205.18	18.40	217.82	19.41	243.00	21.39
	115	117.00	11.03	142.18	13.76	167.36	16.59	180.00	18.03	205.18	19.99	217.82	20.96	243.00	22.86
	118	117.00	12.44	142.18	15.46	167.36	18.38	180.00	19.81	205.18	21.72	217.82	22.62	243.00	24.35
	120	117.00	13.65	142.18	16.59	167.36	19.51	180.00	20.96	198.10	22.72	207.61	23.55	227.36	25.12
	122	117.00	14.59	142.18	17.75	167.36	20.87	180.00	22.42	198.10	24.31	197.22	23.09	216.00	24.61

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC360S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	297.40	25.14	290.00	27.11	286.30	27.80	282.70	28.67	274.10	30.90	265.70	32.87
	-17.8	-18.0	321.70	26.51	314.30	28.49	310.60	29.18	307.00	30.04	298.40	32.27	290.00	34.25
	-12.6	-13.0	358.10	28.58	350.80	30.54	347.00	31.23	343.40	32.10	334.90	34.34	326.50	36.31
	-7.1	-7.6	394.60	30.63	387.20	32.61	383.50	33.30	379.90	34.16	371.30	36.40	362.90	38.38
	-3.6	-4.0	418.90	32.01	411.50	33.99	407.80	34.67	404.20	35.54	395.60	37.78	383.80	39.50
	-1.8	-2.2	431.00	32.70	423.70	34.67	419.90	35.36	416.30	36.23	407.80	38.47	392.90	39.94
	2.0	1.0	455.30	34.07	448.00	36.05	444.20	36.74	440.60	37.60	427.80	39.59	408.20	40.82
	6.0	5.0	491.80	36.14	484.40	38.12	479.40	38.80	471.80	39.42	448.90	40.64	416.40	41.17
	10.0	9.0	516.10	37.51	504.20	39.24	497.50	39.68	485.90	40.29	456.20	40.99	419.90	41.17
	13.0	12.0	528.20	38.20	513.30	39.68	502.50	40.12	489.50	40.47	458.40	41.17	421.60	41.17
	17.0	15.0	552.20	39.77	525.40	40.47	513.50	40.64	500.50	40.99	463.80	41.17	426.90	41.17
	19.0	18.0	555.90	39.94	529.10	40.64	517.10	40.82	502.30	41.17	465.50	41.17	428.60	41.17
	23.0	21.0	563.10	40.29	536.40	40.99	521.70	41.17	505.90	41.17	469.00	41.17	432.20	41.17
	26.0	24.0	570.40	40.64	540.90	41.17	525.20	41.17	509.40	41.17	472.50	41.17	435.70	41.17
	30.0	28.0	577.70	40.99	544.40	41.17	528.80	41.17	512.90	41.17	476.00	41.17	438.20	40.04
	35.0	32.0	582.30	41.17	549.80	41.17	534.00	41.17	518.10	41.17	480.40	40.21	440.60	38.51
	39.0	36.0	585.70	41.17	553.30	41.17	537.50	41.17	521.60	40.81	482.00	39.17	442.20	36.95
	44.0	40.0	589.20	41.17	556.70	41.17	540.00	40.47	523.30	39.74	483.60	38.24	442.20	34.44
	47.0	43.0	591.10	41.17	558.50	40.64	540.80	39.94	524.10	39.25	484.40	37.52	442.20	33.28
	51.0	47.0	594.60	41.00	560.10	39.63	542.50	38.99	525.70	38.36	484.40	35.10	442.20	31.21
	54.0	50.0	596.20	39.98	561.80	38.73	544.10	38.15	526.50	36.75	484.40	32.95	442.20	29.38
	57.0	53.0	598.60	38.66	563.40	36.73	544.90	35.11	526.50	33.53	484.40	30.18	442.20	27.00
	60.0	56.0	600.20	37.76	563.40	34.64	544.90	33.15	526.50	31.70	484.40	28.60	442.20	25.67
120	-21.8	-22.0	288.10	27.55	281.30	29.10	277.90	29.53	274.60	30.39	266.80	32.18	259.00	34.17
	-17.8	-18.0	312.40	28.93	305.60	30.48	302.20	30.90	298.90	31.76	291.10	33.56	283.30	35.55
	-12.6	-13.0	348.80	30.98	342.10	32.53	338.60	32.96	335.30	33.82	327.50	35.63	319.70	37.62
	-7.1	-7.6	385.30	33.05	378.50	34.60	375.10	35.02	371.80	35.89	364.00	37.69	354.60	39.68
	-3.6	-4.0	409.60	34.42	402.80	35.98	399.40	36.40	396.10	37.26	387.10	39.07	372.70	40.56
	-1.8	-2.2	421.70	35.11	415.00	36.66	411.50	37.09	408.20	37.95	396.10	39.50	381.60	40.99
	2.0	1.0	446.00	36.49	439.30	38.04	435.80	38.47	429.50	39.33	414.20	40.38	385.80	41.17
	6.0	5.0	482.50	38.55	470.60	39.86	463.60	40.03	451.90	40.64	422.90	41.17	391.10	41.17
	10.0	9.0	501.70	39.68	482.90	40.47	471.90	40.64	459.20	40.99	426.40	41.17	394.70	41.17
	13.0	12.0	510.20	40.12	486.60	40.64	475.50	40.82	461.80	41.17	428.20	41.17	396.40	41.17
	17.0	15.0	521.10	40.64	496.80	41.17	482.40	41.17	467.10	41.17	433.50	41.17	401.60	41.17
	19.0	18.0	524.70	40.82	498.50	41.17	484.10	41.17	468.90	41.17	435.30	41.17	403.40	41.07
	23.0	21.0	531.60	41.17	502.00	41.17	487.60	41.17	472.40	41.17	438.80	41.17	405.00	39.89
	26.0	24.0	535.10	41.17	505.60	41.17	491.10	41.17	475.90	41.17	442.20	40.59	406.60	38.82
	30.0	28.0	538.60	41.17	509.10	41.17	494.70	41.17	479.40	41.17	443.80	39.48	408.30	37.76
	35.0	32.0	543.90	41.17	514.30	41.02	499.00	40.26	482.80	39.54	446.30	38.01	408.30	33.75
	39.0	36.0	547.40	41.17	515.90	39.91	500.60	39.21	484.40	38.55	447.10	35.51	408.30	31.41
	44.0	40.0	550.00	40.22	517.60	38.90	502.20	38.26	486.00	37.07	447.10	33.08	408.30	29.31
	47.0	43.0	550.80	39.70	518.40	38.44	503.00	37.60	486.00	35.79	447.10	31.97	408.30	28.36
	51.0	47.0	552.40	38.76	520.00	36.88	503.00	35.15	486.00	33.49	447.10	29.98	408.30	26.65
	54.0	50.0	554.10	37.86	520.00	34.55	503.00	32.96	486.00	31.43	447.10	28.21	408.30	25.13
	57.0	53.0	554.10	34.47	520.00	31.55	503.00	30.13	486.00	28.79	447.10	25.92	408.30	23.18
	60.0	56.0	554.10	32.52	520.00	29.84	503.00	28.52	486.00	27.28	447.10	24.63	408.30	22.07
110	-21.8	-22.0	278.90	29.53	272.60	31.07	269.50	31.76	266.50	32.11	259.30	33.91	242.90	35.04
	-17.8	-18.0	303.20	30.90	296.90	32.45	293.80	33.14	290.80	33.49	283.60	35.29	267.20	36.41
	-12.6	-13.0	339.70	32.96	333.40	34.51	330.20	35.20	327.20	35.55	320.00	37.35	303.70	38.48
	-7.1	-7.6	376.10	35.02	369.80	36.58	366.70	37.26	363.70	37.62	356.30	39.42	336.30	40.29
	-3.6	-4.0	400.40	36.40	394.10	37.95	391.00	38.64	388.00	38.99	374.40	40.29	353.50	41.17
	-1.8	-2.2	412.60	37.09	406.30	38.64	402.60	39.33	397.30	39.68	383.40	40.73	355.30	41.17
	2.0	1.0	436.90	38.47	427.00	39.77	420.70	40.21	415.40	40.56	389.20	41.17	358.90	41.17
	6.0	5.0	466.90	40.03	447.60	40.82	436.80	40.99	424.90	41.17	394.50	41.17	364.10	41.17
	10.0	9.0	476.50	40.64	454.30	41.17	440.50	41.17	428.40	41.17	397.90	41.17	367.60	41.17
	13.0	12.0	480.10	40.82	456.00	41.17	442.20	41.17	430.10	41.17	399.80	41.17	369.30	40.93
	17.0	15.0	488.10	41.17	461.30	41.17	447.50	41.17	435.40	41.17	405.00	41.05	371.80	39.19
	19.0	18.0	489.90	41.17	463.10	41.17	449.20	41.17	437.10	41.17	405.80	40.45	372.60	38.66
	23.0	21.0	493.50	41.17	466.60	41.17	452.70	41.17	440.60	41.07	407.40	39.32	374.20	37.29
	26.0	24.0	497.00	41.17	470.10	41.17	456.20	40.66	442.30	39.90	409.00	38.29	374.20	34.49
	30.0	28.0	500.40	41.17	472.60	40.26	457.90	39.53	443.90	38.84	409.80	36.23	374.20	31.96
	35.0	32.0	503.80	40.02	475.10	38.68	460.30	38.04	445.50	36.41	409.80	32.38	374.20	28.62
	39.0	36.0	505.50	38.98	476.70	37.41	461.10	35.59	445.50	33.84	409.80	30.14	374.20	26.67
	44.0	40.0	507.10	38.05	476.70	34.81	461.10	33.14	445.50	31.53	409.80	28.13	374.20	24.93
	47.0	43.0	507.90	36.95	476.70	33.61	461.10	32.01	445.50	30.47	409.80	27.21	374.20	24.14
	51.0	47.0	507.90	34.53	476.70	31.46	461.10	29.99	445.50	28.57	409.80	25.57	374.20	22.72
	54.0	50.0	507.90	32.37	476.70	29.55	461.10	28.19	445.50	26.88	409.80	24.11	374.20	21.47
	57.0	53.0	507.90	29.58	476.70	27.08	461.10	25.88	445.50	24.70	409.80	22.24	374.20	19.88
	60.0	56.0	507.90	27.98	476.70	25.67	461.10	24.56	445.50	23.47	409.80	21.18	374.20	18.97

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC360S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	269.60	31.25	263.90	32.80	261.10	33.49	258.40	34.41	242.20	34.79	226.00	35.48
	-17.8	-18.0	293.90	32.62	288.20	34.17	285.40	34.86	282.70	35.78	266.50	36.16	250.30	36.85
	-12.6	-13.0	330.40	34.69	324.70	36.24	321.90	36.93	319.10	37.85	302.90	38.23	286.70	38.92
	-7.1	-7.6	366.80	36.75	361.10	38.30	358.30	38.99	355.00	39.82	336.30	40.29	317.50	40.73
	-3.6	-4.0	391.10	38.13	383.40	39.68	378.70	40.12	373.10	40.70	353.70	41.17	326.60	41.17
	-1.8	-2.2	403.30	38.82	392.50	40.12	387.70	40.56	382.20	40.99	355.50	41.17	328.30	41.17
	2.0	1.0	421.90	39.94	407.80	40.99	398.50	41.17	386.10	41.17	359.00	41.17	331.80	41.17
	6.0	5.0	439.00	40.99	414.50	41.17	403.80	41.17	391.40	41.17	364.20	41.17	336.20	40.16
	10.0	9.0	442.80	41.17	418.00	41.17	407.40	41.17	394.90	41.17	367.70	40.87	337.80	39.02
	13.0	12.0	444.60	41.17	419.70	41.17	409.10	41.17	396.60	41.17	368.60	40.26	338.60	38.49
	17.0	15.0	449.80	41.17	425.00	41.17	414.30	41.07	401.00	40.28	371.00	38.60	340.20	35.32
	19.0	18.0	451.60	41.17	426.70	41.17	415.10	40.46	401.80	39.71	371.80	38.09	340.20	33.94
	23.0	21.0	455.10	41.17	429.40	40.05	416.70	39.32	403.40	38.63	372.60	35.64	340.20	31.37
	26.0	24.0	457.70	40.35	431.00	38.96	418.30	38.29	405.00	37.19	372.60	32.96	340.20	29.04
	30.0	28.0	459.30	39.25	432.60	37.97	419.20	36.24	405.00	34.42	372.60	30.55	340.20	26.93
	35.0	32.0	461.70	37.52	433.40	34.04	419.20	32.37	405.00	30.76	372.60	27.35	340.20	24.17
	39.0	36.0	461.70	34.86	433.40	31.64	419.20	30.11	405.00	28.63	372.60	25.51	340.20	22.56
	44.0	40.0	461.70	32.45	433.40	29.50	419.20	28.09	405.00	26.73	372.60	23.85	340.20	21.14
	47.0	43.0	461.70	31.35	433.40	28.52	419.20	27.16	405.00	25.85	372.60	23.09	340.20	20.48
	51.0	47.0	461.70	29.37	433.40	26.76	419.20	25.50	405.00	24.28	372.60	21.74	340.20	19.32
	54.0	50.0	461.70	27.61	433.40	25.20	419.20	24.03	405.00	22.91	372.60	20.55	340.20	18.30
	57.0	53.0	461.70	25.35	433.40	23.18	419.20	22.14	405.00	21.12	372.60	19.02	340.20	16.99
	60.0	56.0	461.70	24.06	433.40	22.05	419.20	21.07	405.00	20.12	372.60	18.16	340.20	16.26
90	-21.8	-22.0	260.50	33.49	250.90	34.35	244.40	34.60	238.10	35.04	223.40	35.48	208.90	36.16
	-17.8	-18.0	284.80	34.86	275.20	35.73	268.70	35.98	262.40	36.41	247.70	36.85	233.20	37.54
	-12.6	-13.0	321.20	36.93	311.60	37.79	305.20	38.04	298.90	38.48	284.20	38.92	269.60	39.61
	-7.1	-7.6	357.70	38.99	346.00	39.86	338.40	39.86	331.80	40.29	315.10	40.73	296.00	41.17
	-3.6	-4.0	377.10	40.12	364.10	40.73	356.40	40.73	347.40	41.17	323.50	41.17	299.60	41.17
	-1.8	-2.2	386.10	40.56	369.40	41.17	359.20	41.17	349.10	41.17	325.20	41.17	301.40	40.90
	2.0	1.0	394.90	41.17	372.90	41.17	362.70	41.17	352.60	41.17	328.70	41.17	303.00	39.69
	6.0	5.0	400.10	41.17	378.10	41.17	367.90	41.17	357.90	41.17	332.10	39.78	305.40	38.07
	10.0	9.0	403.60	41.17	381.60	41.17	371.50	41.17	360.50	40.37	333.70	38.67	306.20	35.57
	13.0	12.0	405.40	41.17	383.40	41.17	373.30	40.56	361.30	39.79	334.60	38.16	306.20	34.15
	17.0	15.0	410.70	41.03	386.80	39.55	375.70	38.86	363.70	38.18	335.40	34.43	306.20	30.27
	19.0	18.0	411.50	40.42	387.60	39.01	376.50	38.35	364.50	37.32	335.40	33.08	306.20	29.10
	23.0	21.0	413.10	39.29	389.20	37.99	377.30	36.34	364.50	34.47	335.40	30.58	306.20	26.92
	26.0	24.0	414.70	38.26	390.00	35.36	377.30	33.60	364.50	31.89	335.40	28.32	306.20	24.94
	30.0	28.0	415.50	36.16	390.00	32.75	377.30	31.13	364.50	29.55	335.40	26.27	306.20	23.17
	35.0	32.0	415.50	32.32	390.00	29.30	377.30	27.88	364.50	26.49	335.40	23.57	306.20	20.83
	39.0	36.0	415.50	30.06	390.00	27.29	377.30	25.98	364.50	24.70	335.40	22.01	306.20	19.48
	44.0	40.0	415.50	28.05	390.00	25.49	377.30	24.29	364.50	23.10	335.40	20.62	306.20	18.28
	47.0	43.0	415.50	27.13	390.00	24.67	377.30	23.51	364.50	22.37	335.40	19.98	306.20	17.73
	51.0	47.0	415.50	25.48	390.00	23.21	377.30	22.13	364.50	21.07	335.40	18.85	306.20	16.76
	54.0	50.0	415.50	24.01	390.00	21.90	377.30	20.91	364.50	19.93	335.40	17.85	306.20	15.91
	57.0	53.0	415.50	22.14	390.00	20.24	377.30	19.34	364.50	18.45	335.40	16.58	306.20	14.83
	60.0	56.0	415.50	21.09	390.00	19.30	377.30	18.46	364.50	17.63	335.40	15.87	306.20	14.22
80	-21.8	-22.0	240.50	35.04	229.10	35.48	223.40	35.48	217.90	35.73	204.80	36.16	191.90	36.85
	-17.8	-18.0	264.80	36.41	253.40	36.85	247.70	36.85	242.20	37.10	229.10	37.54	216.20	38.23
	-12.6	-13.0	301.30	38.48	289.90	38.92	284.20	38.92	278.60	39.17	265.60	39.61	252.50	40.29
	-7.1	-7.6	334.10	40.29	320.80	40.73	315.10	40.73	308.60	40.73	289.70	41.17	268.10	40.23
	-3.6	-4.0	350.50	41.17	331.30	41.17	323.50	41.17	313.90	41.17	293.30	40.92	269.70	39.07
	-1.8	-2.2	352.20	41.17	333.00	41.17	325.20	41.17	315.60	41.17	294.10	40.30	270.50	38.53
	2.0	1.0	355.70	41.17	336.50	41.17	328.70	41.17	319.10	40.90	295.70	39.15	272.10	36.95
	6.0	5.0	361.00	41.17	341.90	40.65	332.10	39.89	321.60	39.13	298.10	37.16	272.10	32.66
	10.0	9.0	364.50	40.95	343.50	39.48	333.70	38.77	323.20	38.08	298.10	34.23	272.10	30.10
	13.0	12.0	365.30	40.34	344.30	38.93	334.60	38.25	324.00	37.12	298.10	32.86	272.10	28.91
	17.0	15.0	367.70	38.67	346.70	36.49	335.40	34.68	324.00	32.88	298.10	29.14	272.10	25.64
	19.0	18.0	368.50	38.16	346.70	35.05	335.40	33.32	324.00	31.60	298.10	28.01	272.10	24.66
	23.0	21.0	369.30	35.84	346.70	32.40	335.40	30.79	324.00	29.21	298.10	25.92	272.10	22.83
	26.0	24.0	369.30	33.14	346.70	29.99	335.40	28.51	324.00	27.06	298.10	24.02	272.10	21.18
	30.0	28.0	369.30	30.71	346.70	27.80	335.40	26.45	324.00	25.11	298.10	22.31	272.10	19.69
	35.0	32.0	369.30	27.51	346.70	24.94	335.40	23.73	324.00	22.56	298.10	20.08	272.10	17.74
	39.0	36.0	369.30	25.65	346.70	23.29	335.40	22.17	324.00	21.08	298.10	18.78	272.10	16.63
	44.0	40.0	369.30	23.98	346.70	21.80	335.40	20.76	324.00	19.75	298.10	17.63	272.10	15.62
	47.0	43.0	369.30	23.22	346.70	21.12	335.40	20.12	324.00	19.15	298.10	17.10	272.10	15.17
	51.0	47.0	369.30	21.86	346.70	19.92	335.40	18.98	324.00	18.08	298.10	16.17	272.10	14.37
	54.0	50.0	369.30	20.66	346.70	18.85	335.40	17.98	324.00	17.14	298.10	15.35	272.10	13.67
	57.0	53.0	369.30	19.14	346.70	17.50	335.40	16.70	324.00	15.94	298.10	14.32	272.10	12.77
	60.0	56.0	369.30	18.27	346.70	16.73	335.40	15.98	324.00	15.27	298.10	13.73	272.10	12.27

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC360S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	217.40	35.73	207.50	36.16	202.60	36.16	197.60	36.85	186.20	36.85	174.80	35.48
	-17.8	-18.0	241.70	37.10	231.80	37.54	226.90	37.54	221.90	38.23	210.50	38.23	199.10	36.86
	-12.6	-13.0	278.20	39.17	268.30	39.61	263.30	39.61	258.20	40.29	245.90	40.29	231.70	38.92
	-7.1	-7.6	307.10	40.73	293.20	41.17	285.00	41.17	276.90	41.17	257.50	39.44	237.40	37.77
	-3.6	-4.0	311.40	41.17	296.80	41.17	288.60	40.77	279.50	39.99	259.20	38.35	238.20	34.81
	-1.8	-2.2	313.10	41.17	298.50	40.98	289.40	40.16	280.30	39.41	260.00	37.84	238.20	33.40
	2.0	1.0	316.60	41.17	300.10	39.77	291.00	39.02	281.90	38.32	260.80	34.97	238.20	30.75
	6.0	5.0	319.90	39.46	302.50	38.13	293.40	36.78	283.50	34.92	260.80	30.92	238.20	27.19
	10.0	9.0	321.50	38.38	303.30	35.77	293.40	33.89	283.50	32.18	260.80	28.50	238.20	25.07
	13.0	12.0	322.40	37.88	303.30	34.35	293.40	32.54	283.50	30.90	260.80	27.37	238.20	24.09
	17.0	15.0	323.20	33.66	303.30	30.45	293.40	28.86	283.50	27.41	260.80	24.29	238.20	21.39
	19.0	18.0	323.20	32.34	303.30	29.26	293.40	27.75	283.50	26.35	260.80	23.36	238.20	20.58
	23.0	21.0	323.20	29.90	303.30	27.06	293.40	25.67	283.50	24.39	260.80	21.63	238.20	19.07
	26.0	24.0	323.20	27.69	303.30	25.08	293.40	23.80	283.50	22.62	260.80	20.08	238.20	17.71
	30.0	28.0	323.20	25.70	303.30	23.30	293.40	22.11	283.50	21.02	260.80	18.68	238.20	16.49
	35.0	32.0	323.20	23.08	303.30	20.94	293.40	19.90	283.50	18.93	260.80	16.85	238.20	14.90
	39.0	36.0	323.20	21.57	303.30	19.60	293.40	18.62	283.50	17.72	260.80	15.80	238.20	13.98
	44.0	40.0	323.20	20.22	303.30	18.38	293.40	17.49	283.50	16.65	260.80	14.85	238.20	13.17
	47.0	43.0	323.20	19.60	303.30	17.83	293.40	16.97	283.50	16.16	260.80	14.43	238.20	12.80
	51.0	47.0	323.20	18.51	303.30	16.85	293.40	16.05	283.50	15.30	260.80	13.67	238.20	12.15
	54.0	50.0	323.20	17.54	303.30	15.99	293.40	15.25	283.50	14.53	260.80	13.02	238.20	11.58
	57.0	53.0	323.20	16.32	303.30	14.90	293.40	14.23	283.50	13.57	260.80	12.19	238.20	10.86
	60.0	56.0	323.20	15.62	303.30	14.29	293.40	13.65	283.50	13.04	260.80	11.71	238.20	10.45
60	-21.8	-22.0	194.30	36.85	185.80	36.85	181.60	36.89	177.40	36.12	167.60	35.67	157.90	32.89
	-17.8	-18.0	218.60	38.23	210.10	38.23	205.90	38.27	201.70	37.50	191.90	37.05	182.20	34.26
	-12.6	-13.0	253.90	40.29	245.30	40.29	240.60	40.33	235.00	39.56	221.90	38.33	204.10	34.88
	-7.1	-7.6	270.40	41.17	256.80	39.77	249.00	39.01	241.40	38.33	223.50	35.00	204.10	30.80
	-3.6	-4.0	272.90	40.00	258.40	38.65	250.70	37.96	243.00	36.40	223.50	32.21	204.10	28.35
	-1.8	-2.2	273.70	39.42	259.20	38.13	251.50	36.86	243.00	34.92	223.50	30.91	204.10	27.21
	2.0	1.0	275.40	38.34	260.00	35.74	251.50	33.93	243.00	32.16	223.50	28.46	204.10	25.06
	6.0	5.0	277.00	34.98	260.00	31.60	251.50	30.00	243.00	28.42	223.50	25.17	204.10	22.17
	10.0	9.0	277.00	32.22	260.00	29.12	251.50	27.66	243.00	26.21	223.50	23.22	204.10	20.45
	13.0	12.0	277.00	30.95	260.00	27.98	251.50	26.56	243.00	25.18	223.50	22.31	204.10	19.66
	17.0	15.0	277.00	27.45	260.00	24.83	251.50	23.58	243.00	22.36	223.50	19.83	204.10	17.48
	19.0	18.0	277.00	26.40	260.00	23.88	251.50	22.69	243.00	21.51	223.50	19.07	204.10	16.82
	23.0	21.0	277.00	24.44	260.00	22.12	251.50	21.02	243.00	19.93	223.50	17.69	204.10	15.61
	26.0	24.0	277.00	22.67	260.00	20.52	251.50	19.50	243.00	18.51	223.50	16.44	204.10	14.52
	30.0	28.0	277.00	21.07	260.00	19.09	251.50	18.16	243.00	17.24	223.50	15.32	204.10	13.54
	35.0	32.0	277.00	18.99	260.00	17.22	251.50	16.38	243.00	15.57	223.50	13.86	204.10	12.27
	39.0	36.0	277.00	17.78	260.00	16.15	251.50	15.37	243.00	14.61	223.50	13.02	204.10	11.54
	44.0	40.0	277.00	16.71	260.00	15.19	251.50	14.46	243.00	13.76	223.50	12.28	204.10	10.89
	47.0	43.0	277.00	16.22	260.00	14.75	251.50	14.05	243.00	13.37	223.50	11.94	204.10	10.60
	51.0	47.0	277.00	15.36	260.00	13.98	251.50	13.32	243.00	12.69	223.50	11.35	204.10	10.09
	54.0	50.0	277.00	14.61	260.00	13.31	251.50	12.69	243.00	12.09	223.50	10.82	204.10	9.64
	57.0	53.0	277.00	13.65	260.00	12.45	251.50	11.89	243.00	11.33	223.50	10.17	204.10	9.06
	60.0	56.0	277.00	13.11	260.00	11.97	251.50	11.44	243.00	10.91	223.50	9.81	204.10	8.76
50	-21.8	-22.0	171.20	36.54	164.20	35.56	160.60	35.40	157.10	33.46	149.00	31.34	140.90	28.65
	-17.8	-18.0	195.50	37.92	188.50	36.94	184.90	36.77	181.40	34.84	172.90	32.71	162.10	30.03
	-12.6	-13.0	226.90	39.15	215.00	38.22	209.60	37.32	202.50	35.43	186.30	31.37	170.10	27.68
	-7.1	-7.6	230.10	37.97	216.70	34.73	209.60	32.96	202.50	31.29	186.30	27.71	170.10	24.45
	-3.6	-4.0	230.90	35.37	216.70	31.97	209.60	30.34	202.50	28.81	186.30	25.51	170.10	22.50
	-1.8	-2.2	230.90	33.93	216.70	30.67	209.60	29.11	202.50	27.64	186.30	24.48	170.10	21.60
	2.0	1.0	230.90	31.24	216.70	28.24	209.60	26.81	202.50	25.46	186.30	22.55	170.10	19.90
	6.0	5.0	230.90	27.63	216.70	24.97	209.60	23.72	202.50	22.53	186.30	19.95	170.10	17.61
	10.0	9.0	230.90	25.48	216.70	23.04	209.60	21.88	202.50	20.78	186.30	18.42	170.10	16.26
	13.0	12.0	230.90	24.48	216.70	22.14	209.60	21.03	202.50	19.97	186.30	17.70	170.10	15.63
	17.0	15.0	230.90	21.75	216.70	19.68	209.60	18.69	202.50	17.76	186.30	15.76	170.10	13.92
	19.0	18.0	230.90	20.92	216.70	18.94	209.60	17.99	202.50	17.10	186.30	15.16	170.10	13.40
	23.0	21.0	230.90	19.40	216.70	17.56	209.60	16.69	202.50	15.86	186.30	14.08	170.10	12.46
	26.0	24.0	230.90	18.02	216.70	16.33	209.60	15.52	202.50	14.75	186.30	13.11	170.10	11.60
	30.0	28.0	230.90	16.79	216.70	15.23	209.60	14.47	202.50	13.76	186.30	12.24	170.10	10.84
	35.0	32.0	230.90	15.18	216.70	13.78	209.60	13.10	202.50	12.47	186.30	11.10	170.10	9.84
	39.0	36.0	230.90	14.26	216.70	12.95	209.60	12.33	202.50	11.73	186.30	10.45	170.10	9.27
	44.0	40.0	230.90	13.44	216.70	12.21	209.60	11.63	202.50	11.07	186.30	9.88	170.10	8.77
	47.0	43.0	230.90	13.06	216.70	11.88	209.60	11.31	202.50	10.77	186.30	9.62	170.10	8.54
	51.0	47.0	230.90	12.41	216.70	11.30	209.60	10.76	202.50	10.25	186.30	9.17	170.10	8.15
	54.0	50.0	230.90	11.84	216.70	10.78	209.60	10.28	202.50	9.80	186.30	8.76	170.10	7.80
	57.0	53.0	230.90	11.11	216.70	10.14	209.60	9.67	202.50	9.22	186.30	8.27	170.10	7.36
	60.0	56.0	230.90	10.70	216.70	9.78	209.60	9.32	202.50	8.90	186.30	7.98	170.10	7.12

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC384S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	324.40	7.94	394.40	10.78	464.20	13.44	499.20	15.10	561.80	17.72	620.12	18.82	655.72	20.54
	10	324.40	8.36	394.40	11.22	464.20	13.92	499.20	15.56	561.80	18.18	613.98	19.20	649.23	20.86
	14	324.40	8.80	394.40	11.68	464.20	14.42	499.20	16.04	561.80	18.64	607.90	19.60	642.80	21.18
	23	324.40	9.26	394.40	12.16	464.20	14.94	499.20	16.54	561.80	19.12	601.89	20.00	636.43	21.50
	27	324.40	9.74	394.40	12.66	464.20	15.48	499.20	17.06	561.80	19.60	595.93	20.40	630.13	21.82
	32	324.40	10.26	394.40	13.18	464.20	16.04	499.20	17.58	561.80	20.10	590.03	20.82	623.89	22.16
	37	324.40	10.80	394.40	13.72	464.20	16.62	499.20	18.12	561.80	20.62	584.18	21.24	617.72	22.50
	41	324.40	11.36	394.40	14.30	464.20	17.22	499.20	18.68	561.80	21.14	578.40	21.68	611.60	22.84
	46	324.40	11.58	394.40	14.52	464.20	17.48	499.20	18.96	556.00	21.32	572.60	21.94	606.00	23.24
	50	324.40	11.78	394.40	14.78	464.20	17.78	499.20	19.28	552.20	21.54	568.80	22.20	602.00	23.66
	54	324.40	12.10	394.40	15.10	464.20	18.14	499.20	19.70	548.20	21.88	565.00	22.64	598.20	24.26
	57	324.40	12.42	394.40	15.46	464.20	18.62	499.20	20.24	544.40	22.38	561.00	23.16	594.40	24.88
	61	324.40	12.80	394.40	15.98	464.20	19.24	499.20	20.88	540.60	22.92	557.20	23.80	590.60	25.64
	64	324.40	13.28	394.40	16.50	464.20	19.88	499.20	21.66	536.80	23.70	553.40	24.62	586.80	26.78
	68	324.40	13.76	394.40	17.14	464.20	20.76	499.20	22.74	533.00	24.68	549.60	25.80	582.80	28.16
	72	324.40	14.36	394.40	17.88	464.20	21.84	495.80	23.82	529.00	26.02	545.80	27.18	579.00	30.02
	75	324.40	14.96	394.40	18.86	464.20	23.24	492.00	25.22	525.20	27.52	541.80	28.96	575.20	32.18
	79	324.40	15.84	394.40	20.00	464.20	24.80	488.20	26.70	521.40	29.48	538.00	30.98	571.40	34.78
	82	324.40	16.72	394.40	21.34	464.20	26.70	484.20	28.64	517.60	31.46	534.20	33.18	567.60	37.60
	86	324.40	17.90	394.40	22.90	463.80	28.88	480.40	30.52	513.80	33.64	530.40	35.68	556.60	40.04
	90	324.40	19.12	394.40	24.88	460.00	30.70	476.60	32.40	508.60	36.06	513.80	37.30	535.40	40.38
	93	324.40	20.90	394.40	26.84	454.60	32.48	460.60	33.58	488.40	37.12	493.80	38.20	514.00	39.12
	95	324.40	21.80	394.40	27.80	445.00	32.92	451.00	34.02	478.20	37.52	483.80	38.00	503.40	38.50
	99	324.40	23.56	394.40	29.98	425.60	33.72	431.80	34.72	458.20	37.12	463.80	36.96	482.00	37.30
	102	324.40	25.36	394.40	32.62	406.40	34.36	412.40	34.92	438.00	36.10	443.80	35.94	460.80	36.12
	106	324.40	27.72	372.80	33.00	387.00	34.28	393.20	34.12	417.80	35.14	423.60	34.96	439.40	34.98
	111	324.40	31.78	340.60	33.02	358.20	33.24	364.20	32.98	387.60	33.82	393.60	33.60	407.40	33.34
	115	305.00	32.44	319.00	32.30	338.80	32.68	345.00	32.36	367.40	33.08	373.60	32.84	386.20	32.36
	118	285.60	32.48	297.40	31.74	309.60	31.02	315.80	30.66	328.20	30.18	334.60	29.94	347.20	29.48
	120	265.80	31.00	277.80	30.26	290.00	29.56	296.00	29.22	308.60	28.74	315.00	28.50	327.60	28.04
	122	249.80	29.46	261.20	28.74	272.60	28.08	278.20	27.76	290.00	27.30	296.20	27.08	308.00	26.64
120	5	299.60	7.34	364.00	9.86	428.60	12.22	460.80	13.74	525.40	16.42	557.60	18.16	642.42	20.22
	10	299.60	7.72	364.00	10.28	428.60	12.66	460.80	14.16	525.40	16.84	557.60	18.54	636.06	20.52
	14	299.60	8.12	364.00	10.70	428.60	13.12	460.80	14.60	525.40	17.28	557.60	18.92	629.77	20.84
	23	299.60	8.54	364.00	11.14	428.60	13.60	460.80	15.06	525.40	17.72	557.60	19.30	623.53	21.16
	27	299.60	8.98	364.00	11.60	428.60	14.10	460.80	15.52	525.40	18.18	557.60	19.70	617.36	21.48
	32	299.60	9.46	364.00	12.08	428.60	14.62	460.80	16.00	525.40	18.64	557.60	20.10	611.24	21.80
	37	299.60	9.96	364.00	12.58	428.60	15.16	460.80	16.50	525.40	19.12	557.60	20.52	605.19	22.14
	41	299.60	10.48	364.00	13.10	428.60	15.72	460.80	17.02	525.40	19.62	557.60	20.94	599.20	22.48
	46	299.60	10.66	364.00	13.30	428.60	15.96	460.80	17.28	525.40	20.00	556.80	21.34	593.40	22.76
	50	299.60	10.84	364.00	13.50	428.60	16.18	460.80	17.54	525.40	20.36	553.00	21.54	589.60	23.06
	54	299.60	11.08	364.00	13.78	428.60	16.50	460.80	17.90	525.40	20.80	549.20	21.88	585.80	23.52
	57	299.60	11.34	364.00	14.08	428.60	16.90	460.80	18.32	525.40	21.42	545.40	22.34	582.00	24.06
	61	299.60	11.66	364.00	14.50	428.60	17.42	460.80	18.92	523.20	21.98	541.40	22.86	578.00	24.76
	64	299.60	12.06	364.00	14.96	428.60	17.98	460.80	19.56	519.40	22.60	537.60	23.58	574.20	25.64
	68	299.60	12.46	364.00	15.50	428.60	18.70	460.80	20.40	515.40	23.44	533.80	24.52	570.40	26.86
	72	299.60	12.98	364.00	16.16	428.60	19.64	460.80	21.48	511.60	24.58	530.00	25.78	566.60	28.34
	75	299.60	13.54	364.00	17.00	428.60	20.78	460.80	22.92	507.80	26.00	526.20	27.30	562.80	30.24
	79	299.60	14.30	364.00	18.00	428.60	22.28	460.80	24.64	504.00	27.72	522.20	29.18	558.80	32.34
	82	299.60	15.14	364.00	19.24	428.60	23.94	460.80	26.66	500.20	29.68	518.40	31.20	555.00	34.70
	86	299.60	16.16	364.00	20.64	428.60	25.96	459.60	28.80	496.20	31.70	514.60	33.34	548.40	37.00
	90	299.60	17.28	364.00	22.36	428.60	28.10	455.80	30.76	492.40	33.80	507.40	35.34	527.40	38.22
	93	299.60	18.74	364.00	24.24	428.60	30.26	451.20	32.58	476.80	35.02	487.20	36.32	506.40	38.70
	95	299.60	19.58	364.00	25.22	428.60	31.38	441.80	32.92	467.00	35.46	477.20	36.74	495.80	38.18
	99	299.60	21.28	364.00	27.18	418.80	32.88	422.60	33.56	447.60	36.12	457.20	36.74	474.80	37.00
	102	299.60	23.04	364.00	29.44	399.20	33.34	403.60	34.00	428.20	35.66	437.00	35.76	453.80	35.86
	106	299.60	25.10	364.00	31.92	379.60	33.62	384.60	33.84	408.80	34.78	417.00	34.80	432.80	34.76
	111	299.60	28.58	336.00	32.44	350.20	32.84	356.00	32.78	379.60	33.60	386.80	33.48	401.20	33.18
	115	299.60	31.28	317.40	32.22	330.60	32.26	336.80	32.24	360.20	32.98	366.80	32.72	380.20	32.24
	118	275.60	30.76	288.20	30.66	301.20	30.60	307.80	30.58	321.00	30.08	327.80	29.84	341.20	29.36
	120	255.80	29.28	268.60	29.20	281.60	29.14	288.20	29.12	301.40	28.64	308.20	28.40	321.60	27.92
	122	240.40	27.82	252.40	27.74	264.80	27.68	271.00	27.66	283.40	27.20	289.80	26.98	302.40	26.52

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC384S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	274.60	6.68	333.60	8.94	392.80	11.08	422.40	12.44	481.60	14.88	511.20	16.48	570.20	19.24
	10	274.60	7.04	333.60	9.32	392.80	11.48	422.40	12.82	481.60	15.26	511.20	16.82	570.20	19.54
	14	274.60	7.42	333.60	9.70	392.80	11.90	422.40	13.22	481.60	15.66	511.20	17.16	570.20	19.84
	23	274.60	7.80	333.60	10.10	392.80	12.34	422.40	13.62	481.60	16.06	511.20	17.50	570.20	20.14
	27	274.60	8.20	333.60	10.52	392.80	12.78	422.40	14.04	481.60	16.48	511.20	17.86	570.20	20.44
	32	274.60	8.64	333.60	10.96	392.80	13.24	422.40	14.48	481.60	16.90	511.20	18.22	570.20	20.76
	37	274.60	9.10	333.60	11.42	392.80	13.72	422.40	14.92	481.60	17.34	511.20	18.60	570.20	21.08
	41	274.60	9.58	333.60	11.90	392.80	14.22	422.40	15.38	481.60	17.78	511.20	18.98	570.20	21.40
	46	274.60	9.76	333.60	12.10	392.80	14.44	422.40	15.60	481.60	18.06	511.20	19.32	570.20	21.82
	50	274.60	9.90	333.60	12.26	392.80	14.62	422.40	15.82	481.60	18.34	511.20	19.62	569.00	22.16
	54	274.60	10.08	333.60	12.48	392.80	14.90	422.40	16.12	481.60	18.72	511.20	20.04	565.20	22.50
	57	274.60	10.30	333.60	12.74	392.80	15.22	422.40	16.48	481.60	19.20	511.20	20.58	561.40	22.92
	61	274.60	10.56	333.60	13.06	392.80	15.66	422.40	17.00	481.60	19.78	511.20	21.22	557.60	23.50
	64	274.60	10.86	333.60	13.46	392.80	16.16	422.40	17.56	481.60	20.48	511.20	22.02	553.60	24.30
	68	274.60	11.18	333.60	13.90	392.80	16.76	422.40	18.24	481.60	21.38	510.00	22.96	549.80	25.28
	72	274.60	11.60	333.60	14.48	392.80	17.52	422.40	19.12	481.60	22.50	506.20	23.98	546.00	26.52
	75	274.60	12.14	333.60	15.18	392.80	18.48	422.40	20.24	481.60	23.98	502.20	25.34	542.20	28.12
	79	274.60	12.80	333.60	16.08	392.80	19.74	422.40	21.82	478.40	25.60	498.40	27.02	538.40	30.00
	82	274.60	13.58	333.60	17.18	392.80	21.36	422.40	23.68	474.60	27.42	494.60	28.90	534.40	32.04
	86	274.60	14.48	333.60	18.50	392.80	23.16	422.40	25.78	470.80	29.36	490.80	30.90	530.60	34.16
	90	274.60	15.52	333.60	20.00	392.80	25.14	422.40	27.96	467.00	31.36	487.00	32.90	511.40	35.04
	93	274.60	16.74	333.60	21.70	392.80	27.32	422.40	30.28	463.20	33.28	473.40	34.08	491.80	35.96
	95	274.60	17.46	333.60	22.62	392.80	28.38	421.20	31.24	454.00	33.62	463.80	34.44	482.00	36.38
	99	274.60	19.02	333.60	24.58	392.80	30.50	413.00	32.68	435.60	34.28	445.00	35.12	462.40	36.20
	102	274.60	20.76	333.60	26.56	392.80	32.80	394.40	33.04	417.20	34.72	426.20	35.12	442.80	35.20
	106	274.60	22.62	333.60	28.70	375.40	33.22	375.60	33.24	399.00	34.32	407.20	34.32	423.20	34.24
	111	274.60	25.68	333.60	32.14	349.40	33.30	347.40	32.56	371.40	33.34	379.00	33.22	393.80	32.90
	115	274.60	27.84	317.80	32.44	332.20	33.10	328.80	32.08	353.00	32.88	360.00	32.62	374.20	32.14
	118	264.40	28.88	279.00	29.60	292.80	30.18	299.80	30.48	313.80	29.98	321.00	29.74	335.20	29.26
	120	245.80	27.58	259.40	28.14	273.20	28.72	280.20	29.02	294.40	28.54	301.40	28.30	315.60	27.82
	122	231.00	26.20	243.80	26.74	256.80	27.28	263.40	27.56	276.80	27.12	283.40	26.88	296.60	26.42
100	5	249.60	6.02	303.40	8.04	357.20	9.92	384.00	11.10	437.80	13.36	464.60	14.82	518.40	17.34
	10	249.60	6.34	303.40	8.38	357.20	10.28	384.00	11.44	437.80	13.70	464.60	15.12	518.40	17.60
	14	249.60	6.68	303.40	8.72	357.20	10.66	384.00	11.80	437.80	14.06	464.60	15.42	518.40	17.86
	23	249.60	7.04	303.40	9.08	357.20	11.04	384.00	12.16	437.80	14.42	464.60	15.74	518.40	18.14
	27	249.60	7.42	303.40	9.46	357.20	11.44	384.00	12.54	437.80	14.78	464.60	16.06	518.40	18.42
	32	249.60	7.82	303.40	9.86	357.20	11.86	384.00	12.92	437.80	15.16	464.60	16.38	518.40	18.70
	37	249.60	8.24	303.40	10.28	357.20	12.28	384.00	13.32	437.80	15.54	464.60	16.72	518.40	18.98
	41	249.60	8.68	303.40	10.70	357.20	12.72	384.00	13.74	437.80	15.94	464.60	17.06	518.40	19.26
	46	249.60	8.86	303.40	10.88	357.20	12.92	384.00	13.94	437.80	16.16	464.60	17.28	518.40	19.52
	50	249.60	8.98	303.40	11.02	357.20	13.08	384.00	14.10	437.80	16.38	464.60	17.52	518.40	19.80
	54	249.60	9.10	303.40	11.18	357.20	13.30	384.00	14.38	437.80	16.68	464.60	17.86	518.40	20.24
	57	249.60	9.26	303.40	11.40	357.20	13.56	384.00	14.66	437.80	17.08	464.60	18.28	518.40	20.70
	61	249.60	9.46	303.40	11.66	357.20	13.94	384.00	15.10	437.80	17.54	464.60	18.78	518.40	21.32
	64	249.60	9.68	303.40	11.98	357.20	14.36	384.00	15.60	437.80	18.14	464.60	19.44	518.40	22.14
	68	249.60	9.90	303.40	12.34	357.20	14.88	384.00	16.18	437.80	18.86	464.60	20.28	518.40	23.26
	72	249.60	10.26	303.40	12.82	357.20	15.50	384.00	16.88	437.80	19.78	464.60	21.32	518.40	24.54
	75	249.60	10.74	303.40	13.44	357.20	16.30	384.00	17.80	437.80	20.96	464.60	22.64	518.40	26.02
	79	249.60	11.34	303.40	14.22	357.20	17.34	384.00	19.04	437.80	22.52	464.60	24.34	518.40	28.04
	82	249.60	12.06	303.40	15.18	357.20	18.76	384.00	20.80	437.80	24.50	464.60	26.36	518.40	30.22
	86	249.60	12.86	303.40	16.38	357.20	20.50	384.00	22.78	437.80	26.56	464.60	28.52	518.40	32.52
	90	249.60	13.78	303.40	17.78	357.20	22.32	384.00	24.82	437.80	28.82	464.60	30.84	499.60	33.18
	93	249.60	14.86	303.40	19.28	357.20	24.28	384.00	27.16	437.80	31.06	464.60	33.02	480.80	33.76
	95	249.60	15.44	303.40	20.08	357.20	25.46	384.00	28.28	437.80	32.12	455.40	33.24	471.40	34.06
	99	249.60	16.80	303.40	22.00	357.20	27.50	384.00	30.30	421.00	32.62	436.80	33.68	452.60	34.72
	102	249.60	18.48	303.40	23.90	357.20	29.48	384.00	32.32	404.40	33.14	418.20	34.14	434.00	34.74
	106	249.60	20.30	303.40	25.80	357.20	31.54	365.80	32.50	387.60	33.56	399.60	34.06	415.20	33.86
	111	249.60	23.02	303.40	28.74	340.40	32.74	338.60	32.28	362.60	33.02	371.80	33.04	387.00	32.68
	115	249.60	24.82	303.40	30.72	323.80	32.68	320.60	31.92	345.80	32.78	353.20	32.52	368.20	32.02
	118	249.60	26.62	269.80	28.54	284.40	29.76	291.80	30.38	306.80	29.88	314.20	29.64	329.20	29.14
	120	235.80	25.86	250.20	27.06	264.80	28.30	272.20	28.92	287.20	28.42	294.60	28.18	309.80	27.70
	122	221.60	24.56	235.20	25.70	249.00	26.88	255.80	27.48	270.00	27.00	277.00	26.78	291.20	26.32

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC384S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	224.60	5.44	273.00	7.20	321.40	8.84	345.60	9.90	394.00	11.88	418.20	13.16	466.60	15.40
	10	224.60	5.72	273.00	7.50	321.40	9.16	345.60	10.20	394.00	12.18	418.20	13.42	466.60	15.64
	14	224.60	6.02	273.00	7.82	321.40	9.50	345.60	10.52	394.00	12.50	418.20	13.70	466.60	15.88
	23	224.60	6.34	273.00	8.14	321.40	9.84	345.60	10.84	394.00	12.82	418.20	13.98	466.60	16.12
	27	224.60	6.68	273.00	8.48	321.40	10.20	345.60	11.18	394.00	13.14	418.20	14.26	466.60	16.36
	32	224.60	7.04	273.00	8.84	321.40	10.58	345.60	11.52	394.00	13.48	418.20	14.56	466.60	16.60
	37	224.60	7.42	273.00	9.20	321.40	10.96	345.60	11.88	394.00	13.82	418.20	14.86	466.60	16.86
	41	224.60	7.82	273.00	9.58	321.40	11.36	345.60	12.24	394.00	14.18	418.20	15.16	466.60	17.12
	46	224.60	7.98	273.00	9.76	321.40	11.54	345.60	12.42	394.00	14.38	418.20	15.36	466.60	17.32
	50	224.60	8.10	273.00	9.88	321.40	11.68	345.60	12.58	394.00	14.54	418.20	15.54	466.60	17.54
	54	224.60	8.22	273.00	10.02	321.40	11.86	345.60	12.78	394.00	14.78	418.20	15.80	466.60	17.84
	57	224.60	8.36	273.00	10.20	321.40	12.08	345.60	13.02	394.00	15.08	418.20	16.14	466.60	18.26
	61	224.60	8.54	273.00	10.44	321.40	12.38	345.60	13.36	394.00	15.48	418.20	16.56	466.60	18.76
	64	224.60	8.74	273.00	10.70	321.40	12.74	345.60	13.76	394.00	15.98	418.20	17.10	466.60	19.40
	68	224.60	8.94	273.00	11.02	321.40	13.16	345.60	14.26	394.00	16.58	418.20	17.78	466.60	20.28
	72	224.60	9.24	273.00	11.44	321.40	13.70	345.60	14.86	394.00	17.36	418.20	18.66	466.60	21.42
	75	224.60	9.64	273.00	11.96	321.40	14.36	345.60	15.60	394.00	18.32	418.20	19.74	466.60	22.68
	79	224.60	10.14	273.00	12.60	321.40	15.20	345.60	16.56	394.00	19.48	418.20	20.98	466.60	24.06
	82	224.60	10.74	273.00	13.40	321.40	16.26	345.60	17.78	394.00	20.92	418.20	22.54	466.60	25.88
	86	224.60	11.42	273.00	14.36	321.40	17.60	345.60	19.36	394.00	22.62	418.20	24.32	466.60	27.86
	90	224.60	12.18	273.00	15.48	321.40	19.08	345.60	21.00	394.00	24.46	418.20	26.24	466.60	29.90
	93	224.60	13.12	273.00	16.76	321.40	20.70	345.60	22.76	394.00	26.44	418.20	28.28	466.60	31.94
	95	224.60	13.64	273.00	17.44	321.40	21.58	345.60	23.80	394.00	27.46	418.20	29.28	466.60	32.98
	99	224.60	14.86	273.00	19.04	321.40	23.50	345.60	25.80	394.00	29.46	418.20	31.34	447.60	33.32
	102	224.60	16.32	273.00	20.76	321.40	25.40	345.60	27.80	394.00	31.60	409.20	32.62	428.60	33.76
	106	224.60	17.86	273.00	22.50	321.40	27.42	345.60	29.96	384.60	32.94	391.20	33.08	409.60	33.88
	111	224.60	20.42	273.00	25.42	321.40	30.82	337.80	32.68	356.80	33.00	364.20	32.86	381.20	32.76
	115	224.60	22.18	273.00	27.58	309.80	31.66	322.20	32.92	338.20	32.60	346.20	32.44	362.20	32.12
	118	224.60	24.18	250.20	26.80	272.00	28.94	283.00	30.02	299.00	29.70	307.00	29.54	323.20	29.24
	120	208.80	23.20	230.60	25.34	252.40	27.48	263.40	28.56	279.40	28.24	287.60	28.10	303.80	27.80
	122	196.20	22.04	216.80	24.08	237.20	26.10	247.60	27.14	262.60	26.82	270.40	26.70	285.60	26.42
80	5	199.60	4.68	242.60	6.14	285.60	7.52	307.20	8.38	350.20	10.04	371.80	11.12	414.80	12.98
	10	199.60	4.96	242.60	6.42	285.60	7.84	307.20	8.68	350.20	10.36	371.80	11.40	414.80	13.24
	14	199.60	5.24	242.60	6.72	285.60	8.16	307.20	9.00	350.20	10.68	371.80	11.70	414.80	13.52
	23	199.60	5.54	242.60	7.04	285.60	8.50	307.20	9.32	350.20	11.00	371.80	12.00	414.80	13.80
	27	199.60	5.86	242.60	7.38	285.60	8.86	307.20	9.66	350.20	11.34	371.80	12.30	414.80	14.08
	32	199.60	6.20	242.60	7.72	285.60	9.22	307.20	10.02	350.20	11.70	371.80	12.62	414.80	14.36
	37	199.60	6.56	242.60	8.08	285.60	9.60	307.20	10.38	350.20	12.06	371.80	12.94	414.80	14.66
	41	199.60	6.94	242.60	8.46	285.60	10.00	307.20	10.76	350.20	12.44	371.80	13.28	414.80	14.96
	46	199.60	7.10	242.60	8.64	285.60	10.16	307.20	10.92	350.20	12.62	371.80	13.46	414.80	15.14
	50	199.60	7.22	242.60	8.76	285.60	10.28	307.20	11.06	350.20	12.74	371.80	13.60	414.80	15.30
	54	199.60	7.34	242.60	8.88	285.60	10.42	307.20	11.20	350.20	12.92	371.80	13.78	414.80	15.52
	57	199.60	7.46	242.60	9.02	285.60	10.60	307.20	11.38	350.20	13.14	371.80	14.04	414.80	15.84
	61	199.60	7.62	242.60	9.22	285.60	10.84	307.20	11.66	350.20	13.48	371.80	14.40	414.80	16.28
	64	199.60	7.80	242.60	9.46	285.60	11.14	307.20	11.98	350.20	13.88	371.80	14.84	414.80	16.82
	68	199.60	7.98	242.60	9.72	285.60	11.50	307.20	12.40	350.20	14.38	371.80	15.40	414.80	17.48
	72	199.60	8.22	242.60	10.08	285.60	11.96	307.20	12.92	350.20	15.04	371.80	16.12	414.80	18.42
	75	199.60	8.54	242.60	10.50	285.60	12.50	307.20	13.52	350.20	15.84	371.80	17.04	414.80	19.56
	79	199.60	8.94	242.60	11.04	285.60	13.20	307.20	14.32	350.20	16.82	371.80	18.10	414.80	20.74
	82	199.60	9.42	242.60	11.68	285.60	14.04	307.20	15.24	350.20	17.86	371.80	19.22	414.80	21.98
	86	199.60	9.96	242.60	12.44	285.60	15.00	307.20	16.32	350.20	19.14	371.80	20.60	414.80	23.68
	90	199.60	10.60	242.60	13.30	285.60	16.14	307.20	17.60	350.20	20.60	371.80	22.18	414.80	25.46
	93	199.60	11.38	242.60	14.34	285.60	17.40	307.20	18.98	350.20	22.22	371.80	23.88	414.80	27.28
	95	199.60	11.84	242.60	14.90	285.60	18.10	307.20	19.76	350.20	23.06	371.80	24.76	414.80	28.20
	99	199.60	12.92	242.60	16.24	285.60	19.68	307.20	21.44	350.20	24.86	371.80	26.60	414.80	30.04
	102	199.60	14.18	242.60	17.70	285.60	21.40	307.20	23.30	350.20	26.80	371.80	28.54	414.80	31.92
	106	199.60	15.44	242.60	19.24	285.60	23.28	307.20	25.36	350.20	28.88	371.80	30.60	405.00	33.06
	111	199.60	17.82	242.60	22.10	285.60	26.60	307.20	28.94	350.20	32.58	360.80	33.02	375.80	32.88
	115	199.60	19.56	242.60	24.28	285.60	29.18	307.20	31.70	330.20	32.38	339.00	32.34	356.20	32.22
	118	199.60	21.76	230.00	25.00	259.40	28.10	274.00	29.64	291.20	29.52	300.00	29.46	317.20	29.34
	120	182.00	20.56	210.80	23.60	239.80	26.66	254.40	28.18	271.80	28.06	280.40	28.00	297.80	27.90
	122	171.00	19.54	198.20	22.42	225.40	25.32	239.20	26.78	255.40	26.66	263.60	26.60	280.00	26.50

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC384S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	174.80	4.10	212.40	5.36	250.00	6.54	268.80	7.28	306.40	8.68	325.20	9.58	362.80	11.14
	10	174.80	4.34	212.40	5.62	250.00	6.82	268.80	7.54	306.40	8.94	325.20	9.82	362.80	11.36
	14	174.80	4.60	212.40	5.88	250.00	7.10	268.80	7.82	306.40	9.22	325.20	10.08	362.80	11.60
	23	174.80	4.86	212.40	6.16	250.00	7.40	268.80	8.10	306.40	9.50	325.20	10.34	362.80	11.84
	27	174.80	5.14	212.40	6.44	250.00	7.70	268.80	8.40	306.40	9.80	325.20	10.60	362.80	12.08
	32	174.80	5.44	212.40	6.74	250.00	8.02	268.80	8.70	306.40	10.10	325.20	10.88	362.80	12.32
	37	174.80	5.76	212.40	7.06	250.00	8.36	268.80	9.02	306.40	10.42	325.20	11.16	362.80	12.58
	41	174.80	6.10	212.40	7.40	250.00	8.70	268.80	9.34	306.40	10.74	325.20	11.44	362.80	12.84
	46	174.80	6.24	212.40	7.54	250.00	8.86	268.80	9.50	306.40	10.90	325.20	11.60	362.80	13.00
	50	174.80	6.34	212.40	7.66	250.00	8.96	268.80	9.62	306.40	11.02	325.20	11.72	362.80	13.14
	54	174.80	6.44	212.40	7.76	250.00	9.08	268.80	9.74	306.40	11.16	325.20	11.86	362.80	13.30
	57	174.80	6.54	212.40	7.88	250.00	9.22	268.80	9.88	306.40	11.34	325.20	12.06	362.80	13.54
	61	174.80	6.68	212.40	8.04	250.00	9.40	268.80	10.08	306.40	11.58	325.20	12.34	362.80	13.88
	64	174.80	6.84	212.40	8.22	250.00	9.64	268.80	10.34	306.40	11.92	325.20	12.72	362.80	14.32
	68	174.80	6.98	212.40	8.46	250.00	9.94	268.80	10.68	306.40	12.32	325.20	13.16	362.80	14.86
	72	174.80	7.18	212.40	8.72	250.00	10.30	268.80	11.10	306.40	12.84	325.20	13.74	362.80	15.56
	75	174.80	7.42	212.40	9.08	250.00	10.76	268.80	11.62	306.40	13.50	325.20	14.48	362.80	16.52
	79	174.80	7.72	212.40	9.50	250.00	11.30	268.80	12.22	306.40	14.30	325.20	15.38	362.80	17.58
	82	174.80	8.08	212.40	10.02	250.00	11.98	268.80	12.98	306.40	15.18	325.20	16.32	362.80	18.64
	86	174.80	8.50	212.40	10.58	250.00	12.68	268.80	13.74	306.40	16.10	325.20	17.32	362.80	19.82
	90	174.80	9.02	212.40	11.24	250.00	13.54	268.80	14.70	306.40	17.26	325.20	18.58	362.80	21.38
	93	174.80	9.62	212.40	12.04	250.00	14.52	268.80	15.76	306.40	18.56	325.20	20.02	362.80	22.98
	95	174.80	10.00	212.40	12.52	250.00	15.10	268.80	16.40	306.40	19.30	325.20	20.78	362.80	23.82
	99	174.80	10.90	212.40	13.62	250.00	16.38	268.80	17.76	306.40	20.80	325.20	22.36	362.80	25.48
	102	174.80	11.98	212.40	14.88	250.00	17.84	268.80	19.36	306.40	22.52	325.20	24.08	362.80	27.16
	106	174.80	13.10	212.40	16.26	250.00	19.54	268.80	21.22	306.40	24.36	325.20	25.90	362.80	28.84
	111	174.80	15.14	212.40	18.78	250.00	22.52	268.80	24.42	306.40	27.44	325.20	28.94	362.80	31.82
	115	174.80	16.84	212.40	20.80	250.00	24.86	268.80	26.92	305.60	29.90	321.00	31.10	342.40	31.86
	118	174.80	19.00	207.20	22.82	240.60	26.66	257.60	28.60	276.00	28.80	285.20	28.86	303.60	28.98
	120	159.60	19.18	191.00	22.40	222.60	25.64	238.40	27.26	256.60	27.36	265.80	27.42	284.00	27.54
	122	150.00	18.22	179.60	21.28	209.20	24.36	224.00	25.90	241.20	26.00	249.80	26.04	267.00	26.16
60	5	149.80	3.42	182.00	4.46	214.20	5.42	230.40	6.04	262.60	6.86	278.80	7.26	311.00	8.06
	10	149.80	3.64	182.00	4.70	214.20	5.68	230.40	6.30	262.60	7.14	278.80	7.56	311.00	8.40
	14	149.80	3.88	182.00	4.94	214.20	5.94	230.40	6.56	262.60	7.44	278.80	7.88	311.00	8.76
	23	149.80	4.12	182.00	5.20	214.20	6.22	230.40	6.84	262.60	7.74	278.80	8.20	311.00	9.12
	27	149.80	4.38	182.00	5.48	214.20	6.52	230.40	7.12	262.60	8.06	278.80	8.54	311.00	9.50
	32	149.80	4.66	182.00	5.76	214.20	6.82	230.40	7.42	262.60	8.40	278.80	8.90	311.00	9.90
	37	149.80	4.96	182.00	6.06	214.20	7.14	230.40	7.72	262.60	8.76	278.80	9.28	311.00	10.32
	41	149.80	5.28	182.00	6.38	214.20	7.48	230.40	8.04	262.60	9.12	278.80	9.66	311.00	10.74
	46	149.80	5.38	182.00	6.50	214.20	7.60	230.40	8.16	262.60	9.26	278.80	9.80	311.00	10.92
	50	149.80	5.46	182.00	6.58	214.20	7.70	230.40	8.26	262.60	9.36	278.80	9.92	311.00	11.02
	54	149.80	5.54	182.00	6.68	214.20	7.80	230.40	8.38	262.60	9.48	278.80	10.04	311.00	11.16
	57	149.80	5.62	182.00	6.78	214.20	7.92	230.40	8.50	262.60	9.64	278.80	10.20	311.00	11.34
	61	149.80	5.72	182.00	6.90	214.20	8.06	230.40	8.64	262.60	9.82	278.80	10.40	311.00	11.58
	64	149.80	5.86	182.00	7.04	214.20	8.24	230.40	8.86	262.60	10.06	278.80	10.68	311.00	11.94
	68	149.80	6.00	182.00	7.22	214.20	8.46	230.40	9.10	262.60	10.40	278.80	11.06	311.00	12.40
	72	149.80	6.12	182.00	7.42	214.20	8.74	230.40	9.40	262.60	10.78	278.80	11.48	311.00	12.90
	75	149.80	6.30	182.00	7.70	214.20	9.10	230.40	9.82	262.60	11.30	278.80	12.06	311.00	13.58
	79	149.80	6.52	182.00	8.02	214.20	9.54	230.40	10.30	262.60	11.92	278.80	12.76	311.00	14.46
	82	149.80	6.80	182.00	8.40	214.20	10.04	230.40	10.88	262.60	12.64	278.80	13.54	311.00	15.40
	86	149.80	7.10	182.00	8.84	214.20	10.58	230.40	11.46	262.60	13.38	278.80	14.36	311.00	16.38
	90	149.80	7.50	182.00	9.32	214.20	11.20	230.40	12.14	262.60	14.24	278.80	15.32	311.00	17.58
	93	149.80	7.90	182.00	9.90	214.20	11.92	230.40	12.92	262.60	15.28	278.80	16.48	311.00	18.92
	95	149.80	8.22	182.00	10.28	214.20	12.40	230.40	13.46	262.60	15.90	278.80	17.14	311.00	19.66
	99	149.80	8.90	182.00	11.18	214.20	13.52	230.40	14.70	262.60	17.24	278.80	18.54	311.00	21.18
	102	149.80	9.84	182.00	12.26	214.20	14.74	230.40	15.98	262.60	18.70	278.80	20.06	311.00	22.74
	106	149.80	10.80	182.00	13.50	214.20	16.28	230.40	17.70	262.60	20.38	278.80	21.70	311.00	24.30
	111	149.80	12.56	182.00	15.68	214.20	18.88	230.40	20.50	262.60	23.04	278.80	24.28	311.00	26.68
	115	149.80	13.94	182.00	17.34	214.20	20.76	230.40	22.48	262.60	24.96	278.80	26.16	311.00	28.46
	118	149.80	15.92	181.20	19.48	213.80	23.06	230.40	24.86	252.40	26.96	262.60	27.62	282.00	28.16
	120	142.00	17.10	171.00	20.48	200.20	23.90	215.20	25.62	234.00	26.10	243.40	26.32	262.40	26.74
	122	133.40	16.24	160.80	19.46	188.20	22.70	202.20	24.34	220.00	24.80	228.80	25.00	246.60	25.40

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC384S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	124.80	2.90	151.60	3.76	178.60	4.56	192.00	5.06	218.80	5.64	232.40	5.92	259.20	6.50
	10	124.80	3.08	151.60	3.96	178.60	4.78	192.00	5.28	218.80	5.88	232.40	6.16	259.20	6.78
	14	124.80	3.28	151.60	4.16	178.60	5.00	192.00	5.50	218.80	6.12	232.40	6.42	259.20	7.06
	23	124.80	3.48	151.60	4.38	178.60	5.24	192.00	5.72	218.80	6.38	232.40	6.68	259.20	7.36
	27	124.80	3.70	151.60	4.60	178.60	5.48	192.00	5.96	218.80	6.64	232.40	6.96	259.20	7.66
	32	124.80	3.94	151.60	4.84	178.60	5.74	192.00	6.20	218.80	6.92	232.40	7.26	259.20	7.98
	37	124.80	4.20	151.60	5.10	178.60	6.00	192.00	6.46	218.80	7.20	232.40	7.56	259.20	8.32
	41	124.80	4.46	151.60	5.36	178.60	6.28	192.00	6.72	218.80	7.50	232.40	7.88	259.20	8.66
	46	124.80	4.56	151.60	5.46	178.60	6.36	192.00	6.82	218.80	7.62	232.40	8.02	259.20	8.82
	50	124.80	4.60	151.60	5.52	178.60	6.44	192.00	6.90	218.80	7.72	232.40	8.12	259.20	8.92
	54	124.80	4.66	151.60	5.60	178.60	6.54	192.00	7.02	218.80	7.82	232.40	8.24	259.20	9.04
	57	124.80	4.72	151.60	5.68	178.60	6.64	192.00	7.12	218.80	7.94	232.40	8.36	259.20	9.18
	61	124.80	4.80	151.60	5.76	178.60	6.74	192.00	7.24	218.80	8.08	232.40	8.50	259.20	9.36
	64	124.80	4.90	151.60	5.88	178.60	6.88	192.00	7.38	218.80	8.26	232.40	8.70	259.20	9.58
	68	124.80	5.00	151.60	6.02	178.60	7.04	192.00	7.56	218.80	8.52	232.40	9.00	259.20	10.00
	72	124.80	5.12	151.60	6.18	178.60	7.24	192.00	7.78	218.80	8.82	232.40	9.36	259.20	10.42
	75	124.80	5.22	151.60	6.36	178.60	7.48	192.00	8.06	218.80	9.18	232.40	9.76	259.20	10.90
	79	124.80	5.40	151.60	6.60	178.60	7.84	192.00	8.48	218.80	9.68	232.40	10.30	259.20	11.54
	82	124.80	5.56	151.60	6.88	178.60	8.22	192.00	8.90	218.80	10.24	232.40	10.92	259.20	12.30
	86	124.80	5.78	151.60	7.18	178.60	8.60	192.00	9.32	218.80	10.82	232.40	11.58	259.20	13.14
	90	124.80	6.06	151.60	7.52	178.60	9.02	192.00	9.76	218.80	11.46	232.40	12.32	259.20	14.12
	93	124.80	6.34	151.60	7.92	178.60	9.52	192.00	10.32	218.80	12.24	232.40	13.22	259.20	15.22
	95	124.80	6.54	151.60	8.16	178.60	9.80	192.00	10.62	218.80	12.68	232.40	13.72	259.20	15.80
	99	124.80	7.10	151.60	8.90	178.60	10.78	192.00	11.74	218.80	13.84	232.40	14.92	259.20	17.08
	102	124.80	7.80	151.60	9.82	178.60	11.84	192.00	12.88	218.80	15.10	232.40	16.22	259.20	18.50
	106	124.80	8.68	151.60	10.84	178.60	13.10	192.00	14.28	218.80	16.58	232.40	17.72	259.20	19.96
	111	124.80	10.22	151.60	12.82	178.60	15.48	192.00	16.86	218.80	19.00	232.40	20.06	259.20	22.14
	115	124.80	11.38	151.60	14.18	178.60	17.08	192.00	18.56	218.80	20.60	232.40	21.62	259.20	23.60
	118	124.80	12.82	151.60	15.88	178.60	18.86	192.00	20.32	218.80	22.32	232.40	23.26	259.20	25.08
	120	124.80	14.00	151.60	17.00	178.60	19.98	192.00	21.48	211.20	23.32	221.00	24.18	240.80	25.82
	122	124.80	14.98	151.60	18.20	178.60	21.38	192.00	22.98	211.20	24.96	210.00	23.70	228.80	25.30

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC384S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	326.60	30.68	318.60	32.08	314.80	32.78	310.80	34.18	301.80	35.60	292.80	37.70
	-17.8	-18.0	353.20	32.08	345.40	33.48	341.60	34.18	337.60	35.60	328.60	37.00	319.60	39.10
	-12.6	-13.0	393.40	34.18	385.60	35.60	381.60	36.30	377.80	37.70	368.80	39.10	359.80	41.20
	-7.1	-7.6	433.60	36.30	425.80	37.70	421.80	38.40	418.00	39.80	409.00	41.20	400.00	43.32
	-3.6	-4.0	460.40	37.70	452.60	39.10	448.60	39.80	444.80	41.20	435.80	42.62	426.80	44.72
	-1.8	-2.2	473.80	38.40	466.00	39.80	462.00	40.50	458.20	41.92	449.20	43.32	437.20	45.42
	2.0	1.0	500.60	39.80	492.80	41.20	488.80	41.92	484.80	43.32	476.00	44.72	440.60	45.42
	6.0	5.0	540.80	41.92	533.00	43.32	529.00	44.02	523.60	45.42	485.60	45.42	445.80	45.42
	10.0	9.0	567.60	43.32	559.80	44.72	545.00	45.42	527.00	45.42	489.00	45.42	449.20	45.42
	13.0	12.0	581.00	44.02	564.60	45.42	546.80	45.42	528.80	45.42	490.80	45.42	451.00	45.42
	17.0	15.0	604.00	45.42	569.80	45.42	551.80	45.42	534.00	45.42	496.00	45.42	456.20	45.42
	19.0	18.0	605.60	45.42	571.60	45.42	553.60	45.42	535.60	45.42	497.60	45.42	458.00	45.42
	23.0	21.0	609.20	45.42	575.00	45.42	557.00	45.42	539.20	45.42	501.20	45.42	461.40	45.42
	26.0	24.0	612.60	45.42	578.40	45.42	560.60	45.42	542.60	45.42	504.60	45.42	464.80	45.42
	30.0	28.0	616.00	45.42	582.00	45.42	564.00	45.42	546.00	45.42	508.00	45.42	468.20	45.42
	35.0	32.0	621.20	45.42	587.00	45.42	569.20	45.42	551.20	45.42	513.20	45.42	471.80	43.14
	39.0	36.0	624.60	45.42	590.60	45.42	572.60	45.42	554.60	45.42	516.60	45.36	471.80	40.12
	44.0	40.0	628.20	45.42	594.00	45.42	576.00	45.42	558.20	45.42	516.60	42.20	471.80	37.40
	47.0	43.0	629.80	45.42	595.80	45.42	577.80	45.42	559.80	45.42	516.60	40.76	471.80	36.16
	51.0	47.0	633.40	45.42	599.20	45.42	581.20	44.74	561.60	42.64	516.60	38.16	471.80	33.94
	54.0	50.0	636.80	45.42	601.00	43.90	581.20	41.88	561.60	39.96	516.60	35.84	471.80	31.96
	57.0	53.0	640.20	43.64	601.00	39.96	581.20	38.20	561.60	36.48	516.60	32.86	471.80	29.42
	60.0	56.0	640.20	41.08	601.00	37.70	581.20	36.08	561.60	34.52	516.60	31.18	471.80	27.98
120	-21.8	-22.0	316.60	32.78	309.40	34.18	305.80	34.90	302.20	35.60	293.80	37.00	285.60	39.10
	-17.8	-18.0	343.40	34.18	336.20	35.60	332.60	36.30	329.00	37.00	320.60	38.40	312.40	40.50
	-12.6	-13.0	383.60	36.30	376.40	37.70	372.80	38.40	369.20	39.10	360.80	40.50	352.60	42.62
	-7.1	-7.6	423.80	38.40	416.60	39.80	413.00	40.50	409.20	41.20	401.00	42.62	392.60	44.72
	-3.6	-4.0	450.60	39.80	443.40	41.20	439.60	41.92	436.00	42.62	427.80	44.02	406.00	45.42
	-1.8	-2.2	464.00	40.50	456.80	41.92	453.00	42.62	449.40	43.32	441.20	44.72	407.80	45.42
	2.0	1.0	490.80	41.92	483.60	43.32	479.80	44.02	476.20	44.72	447.60	45.42	411.20	45.42
	6.0	5.0	531.00	44.02	520.20	45.42	503.80	45.42	489.00	45.42	452.80	45.42	416.40	45.42
	10.0	9.0	554.60	45.42	523.60	45.42	507.20	45.42	492.40	45.42	456.20	45.42	420.00	45.42
	13.0	12.0	556.40	45.42	525.40	45.42	508.80	45.42	494.20	45.42	458.00	45.42	421.60	45.42
	17.0	15.0	561.60	45.42	530.40	45.42	514.00	45.42	499.40	45.42	463.00	45.42	426.80	45.42
	19.0	18.0	563.40	45.42	532.20	45.42	515.80	45.42	501.20	45.42	464.80	45.42	428.60	45.42
	23.0	21.0	566.80	45.42	535.60	45.42	519.20	45.42	504.60	45.42	468.20	45.42	432.00	45.42
	26.0	24.0	570.20	45.42	539.20	45.42	522.80	45.42	508.00	45.42	471.80	45.42	435.40	44.18
	30.0	28.0	573.80	45.42	542.60	45.42	526.20	45.42	511.40	45.42	475.20	45.42	435.40	40.92
	35.0	32.0	578.80	45.42	547.80	45.42	531.40	45.42	516.60	45.42	477.00	41.42	435.40	36.60
	39.0	36.0	582.40	45.42	551.20	45.42	534.80	45.42	518.40	43.26	477.00	38.52	435.40	34.10
	44.0	40.0	585.80	45.42	554.60	44.44	536.60	42.32	518.40	40.26	477.00	35.92	435.40	31.84
	47.0	43.0	587.60	45.42	554.60	42.88	536.60	40.86	518.40	38.88	477.00	34.72	435.40	30.82
	51.0	47.0	591.00	44.00	554.60	40.06	536.60	38.22	518.40	36.40	477.00	32.58	435.40	28.98
	54.0	50.0	591.00	41.18	554.60	37.56	536.60	35.86	518.40	34.20	477.00	30.68	435.40	27.36
	57.0	53.0	591.00	37.52	554.60	34.32	536.60	32.82	518.40	31.36	477.00	28.26	435.40	25.28
	60.0	56.0	591.00	35.44	554.60	32.48	536.60	31.10	518.40	29.74	477.00	26.88	435.40	24.10
110	-21.8	-22.0	306.80	34.18	300.20	35.60	296.80	36.30	293.60	37.00	286.00	38.40	268.40	39.80
	-17.8	-18.0	333.60	35.60	327.00	37.00	323.60	37.70	320.20	38.40	312.60	39.80	295.20	41.20
	-12.6	-13.0	373.80	37.70	367.20	39.10	363.80	39.80	360.40	40.50	352.80	41.92	335.40	43.32
	-7.1	-7.6	414.00	39.80	407.20	41.20	404.00	41.92	400.60	42.62	393.00	44.02	375.00	45.42
	-3.6	-4.0	440.80	41.20	434.00	42.62	430.80	43.32	427.40	44.02	409.60	45.42	378.40	45.42
	-1.8	-2.2	454.20	41.92	447.40	43.32	444.20	44.02	440.80	44.72	411.20	45.42	380.20	45.42
	2.0	1.0	481.00	43.32	474.20	44.72	462.40	45.42	447.60	45.42	414.80	45.42	383.60	45.42
	6.0	5.0	510.60	45.42	482.60	45.42	467.60	45.42	452.80	45.42	420.00	45.42	388.80	45.42
	10.0	9.0	514.00	45.42	486.00	45.42	471.20	45.42	456.20	45.42	423.40	45.42	392.20	45.42
	13.0	12.0	515.80	45.42	487.80	45.42	472.80	45.42	458.00	45.42	425.00	45.42	394.00	45.42
	17.0	15.0	521.00	45.42	493.00	45.42	478.00	45.42	463.20	45.42	430.20	45.42	399.20	45.40
	19.0	18.0	522.80	45.42	494.60	45.42	479.80	45.42	464.80	45.42	432.00	45.42	399.20	43.62
	23.0	21.0	526.20	45.42	498.00	45.42	483.20	45.42	468.20	45.42	435.40	45.42	399.20	40.30
	26.0	24.0	529.60	45.42	501.60	45.42	486.60	45.42	471.80	45.42	437.20	42.38	399.20	37.30
	30.0	28.0	533.00	45.42	505.00	45.42	490.20	45.42	475.20	44.22	437.20	39.24	399.20	34.58
	35.0	32.0	538.20	45.42	508.40	43.70	491.80	41.58	475.20	39.48	437.20	35.10	399.20	31.00
	39.0	36.0	541.80	44.74	508.40	40.58	491.80	38.64	475.20	36.72	437.20	32.70	399.20	28.92
	44.0	40.0	541.80	41.58	508.40	37.78	491.80	36.00	475.20	34.24	437.20	30.54	399.20	27.06
	47.0	43.0	541.80	40.14	508.40	36.50	491.80	34.78	475.20	33.10	437.20	29.56	399.20	26.22
	51.0	47.0	541.80	37.54	508.40	34.20	491.80	32.60	475.20	31.06	437.20	27.80	399.20	24.72
	54.0	50.0	541.80	35.20	508.40	32.14	491.80	30.68	475.20	29.26	437.20	26.24	399.20	23.38
	57.0	53.0	541.80	32.20	508.40	29.50	491.80	28.18	475.20	26.94	437.20	24.24	399.20	21.68
	60.0	56.0	541.80	30.50	508.40	28.02	491.80	26.78	475.20	25.62	437.20	23.12	399.20	20.72

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC384S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	297.00	36.30	291.00	37.70	287.80	38.40	284.80	39.06	267.60	39.10	250.40	40.50
	-17.8	-18.0	323.80	37.70	317.80	39.10	314.60	39.80	311.60	40.48	294.40	40.50	277.00	41.92
	-12.6	-13.0	364.00	39.80	357.80	41.20	354.80	41.92	351.80	42.58	334.60	42.62	317.20	44.02
	-7.1	-7.6	404.20	41.92	398.00	43.32	395.00	44.02	392.00	44.68	374.80	44.72	345.60	45.42
	-3.6	-4.0	430.80	43.32	424.80	44.72	419.40	45.42	407.80	45.42	378.40	45.42	349.00	45.42
	-1.8	-2.2	444.20	44.02	434.60	45.42	421.20	45.42	409.60	45.42	380.20	45.42	350.80	45.42
	2.0	1.0	463.20	45.42	438.00	45.42	424.60	45.42	413.00	45.42	383.60	45.42	354.20	45.42
	6.0	5.0	468.20	45.42	443.20	45.42	429.80	45.42	418.20	45.42	388.80	45.42	359.40	45.42
	10.0	9.0	471.80	45.42	446.60	45.42	433.20	45.42	421.60	45.42	392.20	45.42	362.80	44.90
	13.0	12.0	473.40	45.42	448.40	45.42	435.00	45.42	423.40	45.42	394.00	45.42	362.80	43.12
	17.0	15.0	478.60	45.42	453.60	45.42	440.20	45.42	428.60	45.42	397.40	43.44	362.80	38.20
	19.0	18.0	480.40	45.42	455.40	45.42	442.00	45.42	430.20	45.42	397.40	41.72	362.80	36.70
	23.0	21.0	483.80	45.42	458.80	45.42	445.40	45.42	432.00	43.54	397.40	38.54	362.80	33.94
	26.0	24.0	487.20	45.42	462.20	44.64	447.20	42.40	432.00	40.26	397.40	35.68	362.80	31.44
	30.0	28.0	490.80	45.42	462.20	41.30	447.20	39.24	432.00	37.28	397.40	33.08	362.80	29.18
	35.0	32.0	492.40	40.72	462.20	36.90	447.20	35.08	432.00	33.36	397.40	29.66	362.80	26.22
	39.0	36.0	492.40	37.84	462.20	34.34	447.20	32.66	432.00	31.06	397.40	27.66	362.80	24.50
	44.0	40.0	492.40	35.26	462.20	32.04	447.20	30.50	432.00	29.02	397.40	25.90	362.80	22.96
	47.0	43.0	492.40	34.06	462.20	30.98	447.20	29.50	432.00	28.08	397.40	25.08	362.80	22.26
	51.0	47.0	492.40	31.92	462.20	29.10	447.20	27.72	432.00	26.40	397.40	23.64	362.80	21.02
	54.0	50.0	492.40	30.04	462.20	27.42	447.20	26.14	432.00	24.92	397.40	22.36	362.80	19.92
	57.0	53.0	492.40	27.60	462.20	25.28	447.20	24.14	432.00	23.04	397.40	20.74	362.80	18.54
	60.0	56.0	492.40	26.22	462.20	24.06	447.20	23.00	432.00	21.96	397.40	19.82	362.80	17.76
90	-21.8	-22.0	287.20	38.40	276.80	39.10	270.00	39.10	263.20	39.80	247.80	40.50	232.20	40.50
	-17.8	-18.0	314.00	39.80	303.60	40.50	296.80	40.50	290.00	41.20	274.60	41.92	259.00	41.92
	-12.6	-13.0	354.00	41.92	343.80	42.62	337.00	42.62	330.20	43.32	314.60	44.02	299.20	44.02
	-7.1	-7.6	394.20	44.02	384.00	44.72	377.20	44.72	366.40	45.42	340.40	45.42	316.20	45.42
	-3.6	-4.0	415.60	45.42	393.60	45.42	381.60	45.42	369.80	45.42	343.80	45.42	319.60	45.42
	-1.8	-2.2	417.40	45.42	395.20	45.42	383.40	45.42	371.60	45.42	345.60	45.42	321.40	45.42
	2.0	1.0	420.80	45.42	398.80	45.42	386.80	45.42	375.00	45.42	349.00	45.42	324.80	45.42
	6.0	5.0	426.00	45.42	404.00	45.42	392.00	45.42	380.20	45.42	354.20	45.42	326.60	41.62
	10.0	9.0	429.40	45.42	407.40	45.42	395.40	45.42	383.60	45.42	357.80	43.68	326.60	38.36
	13.0	12.0	431.20	45.42	409.20	45.42	397.20	45.42	385.40	45.42	357.80	41.94	326.60	36.82
	17.0	15.0	436.40	45.42	414.20	45.42	402.40	44.30	388.80	42.00	357.80	37.16	326.60	32.66
	19.0	18.0	438.00	45.42	416.00	44.80	402.40	42.56	388.80	40.36	357.80	35.72	326.60	31.40
	23.0	21.0	441.60	45.42	416.00	41.38	402.40	39.32	388.80	37.30	357.80	33.04	326.60	29.06
	26.0	24.0	443.20	42.32	416.00	38.28	402.40	36.38	388.80	34.52	357.80	30.60	326.60	26.96
	30.0	28.0	443.20	39.18	416.00	35.46	402.40	33.72	388.80	32.00	357.80	28.40	326.60	25.06
	35.0	32.0	443.20	35.04	416.00	31.76	402.40	30.22	388.80	28.70	357.80	25.52	326.60	22.56
	39.0	36.0	443.20	32.64	416.00	29.60	402.40	28.18	388.80	26.80	357.80	23.86	326.60	21.12
	44.0	40.0	443.20	30.48	416.00	27.68	402.40	26.38	388.80	25.08	357.80	22.38	326.60	19.84
	47.0	43.0	443.20	29.48	416.00	26.80	402.40	25.54	388.80	24.30	357.80	21.70	326.60	19.26
	51.0	47.0	443.20	27.72	416.00	25.24	402.40	24.06	388.80	22.92	357.80	20.50	326.60	18.22
	54.0	50.0	443.20	26.14	416.00	23.84	402.40	22.76	388.80	21.68	357.80	19.44	326.60	17.32
	57.0	53.0	443.20	24.14	416.00	22.08	402.40	21.10	388.80	20.12	357.80	18.10	326.60	16.18
	60.0	56.0	443.20	23.02	416.00	21.08	402.40	20.16	388.80	19.24	357.80	17.34	326.60	15.54
80	-21.8	-22.0	265.80	39.80	253.80	39.80	247.80	40.50	241.60	40.50	227.80	41.20	214.00	41.20
	-17.8	-18.0	292.60	41.20	280.60	41.20	274.60	41.92	268.40	41.92	254.60	42.62	240.80	42.62
	-12.6	-13.0	332.80	43.32	320.80	43.32	314.60	44.02	308.60	44.02	294.80	44.72	281.00	44.72
	-7.1	-7.6	369.80	45.42	350.80	45.42	340.40	45.42	331.80	45.42	309.40	45.42	286.80	45.42
	-3.6	-4.0	373.20	45.42	354.20	45.42	343.80	45.42	335.20	45.42	312.80	45.42	290.40	45.06
	-1.8	-2.2	375.00	45.42	356.00	45.42	345.60	45.42	337.00	45.42	314.60	45.42	290.40	43.24
	2.0	1.0	378.40	45.42	359.40	45.42	349.00	45.42	340.40	45.42	318.00	45.32	290.40	39.80
	6.0	5.0	383.60	45.42	364.60	45.42	354.20	45.42	345.60	45.26	318.00	40.06	290.40	35.18
	10.0	9.0	387.00	45.42	368.00	45.42	357.80	44.00	345.60	41.70	318.00	36.92	290.40	32.44
	13.0	12.0	388.80	45.42	369.80	44.52	357.80	42.24	345.60	40.04	318.00	35.46	290.40	31.16
	17.0	15.0	394.00	43.68	369.80	39.44	357.80	37.44	345.60	35.48	318.00	31.44	290.40	27.66
	19.0	18.0	394.00	41.96	369.80	37.90	357.80	35.98	345.60	34.12	318.00	30.24	290.40	26.60
	23.0	21.0	394.00	38.76	369.80	35.04	357.80	33.28	345.60	31.56	318.00	28.00	290.40	24.64
	26.0	24.0	394.00	35.88	369.80	32.44	357.80	30.82	345.60	29.24	318.00	25.96	290.40	22.88
	30.0	28.0	394.00	33.26	369.80	30.10	357.80	28.62	345.60	27.16	318.00	24.14	290.40	21.30
	35.0	32.0	394.00	29.82	369.80	27.04	357.80	25.72	345.60	24.44	318.00	21.74	290.40	19.22
	39.0	36.0	394.00	27.82	369.80	25.26	357.80	24.04	345.60	22.84	318.00	20.36	290.40	18.02
	44.0	40.0	394.00	26.04	369.80	23.66	357.80	22.54	345.60	21.44	318.00	19.14	290.40	16.96
	47.0	43.0	394.00	25.22	369.80	22.94	357.80	21.86	345.60	20.80	318.00	18.58	290.40	16.48
	51.0	47.0	394.00	23.76	369.80	21.66	357.80	20.66	345.60	19.66	318.00	17.60	290.40	15.64
	54.0	50.0	394.00	22.50	369.80	20.52	357.80	19.58	345.60	18.66	318.00	16.72	290.40	14.88
	57.0	53.0	394.00	20.86	369.80	19.08	357.80	18.24	345.60	17.40	318.00	15.62	290.40	13.94
	60.0	56.0	394.00	19.94	369.80	18.26	357.80	17.46	345.60	16.68	318.00	15.02	290.40	13.42

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC384S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	241.20	40.50	230.60	41.20	225.40	41.20	220.00	41.20	208.00	41.92	195.80	41.92
	-17.8	-18.0	268.00	41.92	257.40	42.62	252.20	42.62	246.80	42.62	234.80	43.32	222.60	43.32
	-12.6	-13.0	308.20	44.02	297.60	44.72	292.40	44.72	287.00	44.72	271.20	45.42	252.20	45.42
	-7.1	-7.6	329.20	45.42	311.40	45.42	304.40	45.42	295.40	45.42	276.40	45.42	254.00	40.62
	-3.6	-4.0	332.60	45.42	315.00	45.42	307.80	45.42	299.00	45.42	278.20	42.66	254.00	37.40
	-1.8	-2.2	334.40	45.42	316.60	45.42	309.60	45.42	300.60	45.42	278.20	40.92	254.00	35.88
	2.0	1.0	337.80	45.42	320.20	45.42	313.00	44.88	302.40	42.52	278.20	37.68	254.00	33.04
	6.0	5.0	343.00	45.42	323.60	41.84	313.00	39.66	302.40	37.58	278.20	33.32	254.00	29.22
	10.0	9.0	344.80	42.66	323.60	38.56	313.00	36.56	302.40	34.64	278.20	30.72	254.00	26.96
	13.0	12.0	344.80	40.96	323.60	37.02	313.00	35.10	302.40	33.28	278.20	29.50	254.00	25.90
	17.0	15.0	344.80	36.30	323.60	32.84	313.00	31.14	302.40	29.54	278.20	26.20	254.00	23.02
	19.0	18.0	344.80	34.90	323.60	31.56	313.00	29.94	302.40	28.40	278.20	25.20	254.00	22.16
	23.0	21.0	344.80	32.28	323.60	29.22	313.00	27.72	302.40	26.30	278.20	23.36	254.00	20.56
	26.0	24.0	344.80	29.92	323.60	27.10	313.00	25.72	302.40	24.42	278.20	21.70	254.00	19.10
	30.0	28.0	344.80	27.78	323.60	25.18	313.00	23.92	302.40	22.72	278.20	20.20	254.00	17.82
	35.0	32.0	344.80	25.00	323.60	22.68	313.00	21.56	302.40	20.50	278.20	18.26	254.00	16.12
	39.0	36.0	344.80	23.38	323.60	21.24	313.00	20.20	302.40	19.22	278.20	17.14	254.00	15.16
	44.0	40.0	344.80	21.94	323.60	19.94	313.00	19.00	302.40	18.08	278.20	16.14	254.00	14.30
	47.0	43.0	344.80	21.28	323.60	19.36	313.00	18.44	302.40	17.56	278.20	15.68	254.00	13.90
	51.0	47.0	344.80	20.12	323.60	18.32	313.00	17.46	302.40	16.64	278.20	14.88	254.00	13.22
	54.0	50.0	344.80	19.10	323.60	17.42	313.00	16.62	302.40	15.84	278.20	14.18	254.00	12.62
	57.0	53.0	344.80	17.80	323.60	16.26	313.00	15.54	302.40	14.84	278.20	13.30	254.00	11.86
	60.0	56.0	344.80	17.06	323.60	15.62	313.00	14.92	302.40	14.26	278.20	12.80	254.00	11.44
60	-21.8	-22.0	216.60	41.92	207.60	41.92	203.00	41.92	198.40	41.92	188.00	41.56	177.80	38.50
	-17.8	-18.0	243.40	43.32	234.40	43.32	229.80	43.32	225.20	43.32	214.80	42.98	204.60	39.90
	-12.6	-13.0	283.40	45.42	270.40	45.42	263.00	45.42	255.80	45.42	238.40	42.58	217.80	37.38
	-7.1	-7.6	288.60	45.42	275.60	45.42	268.20	44.84	259.20	42.56	238.40	37.60	217.80	33.02
	-3.6	-4.0	292.00	45.42	277.40	43.58	268.20	41.28	259.20	39.18	238.40	34.62	217.80	30.40
	-1.8	-2.2	293.80	45.42	277.40	41.80	268.20	39.62	259.20	37.58	238.40	33.22	217.80	29.16
	2.0	1.0	295.40	42.56	277.40	38.50	268.20	36.48	259.20	34.60	238.40	30.60	217.80	26.86
	6.0	5.0	295.40	37.62	277.40	34.04	268.20	32.26	259.20	30.60	238.40	27.06	217.80	23.78
	10.0	9.0	295.40	34.68	277.40	31.38	268.20	29.74	259.20	28.24	238.40	24.98	217.80	21.94
	13.0	12.0	295.40	33.32	277.40	30.14	268.20	28.58	259.20	27.12	238.40	24.00	217.80	21.10
	17.0	15.0	295.40	29.58	277.40	26.78	268.20	25.40	259.20	24.10	238.40	21.36	217.80	18.78
	19.0	18.0	295.40	28.44	277.40	25.76	268.20	24.44	259.20	23.20	238.40	20.56	217.80	18.08
	23.0	21.0	295.40	26.36	277.40	23.86	268.20	22.66	259.20	21.52	238.40	19.08	217.80	16.80
	26.0	24.0	295.40	24.46	277.40	22.16	268.20	21.04	259.20	20.00	238.40	17.76	217.80	15.64
	30.0	28.0	295.40	22.76	277.40	20.64	268.20	19.60	259.20	18.64	238.40	16.56	217.80	14.60
	35.0	32.0	295.40	20.56	277.40	18.66	268.20	17.74	259.20	16.86	238.40	15.02	217.80	13.26
	39.0	36.0	295.40	19.28	277.40	17.50	268.20	16.66	259.20	15.84	238.40	14.12	217.80	12.50
	44.0	40.0	295.40	18.14	277.40	16.48	268.20	15.70	259.20	14.94	238.40	13.34	217.80	11.82
	47.0	43.0	295.40	17.62	277.40	16.02	268.20	15.26	259.20	14.52	238.40	12.98	217.80	11.50
	51.0	47.0	295.40	16.72	277.40	15.20	268.20	14.50	259.20	13.80	238.40	12.36	217.80	10.96
	54.0	50.0	295.40	15.92	277.40	14.50	268.20	13.82	259.20	13.18	238.40	11.82	217.80	10.50
	57.0	53.0	295.40	14.90	277.40	13.60	268.20	12.98	259.20	12.38	238.40	11.12	217.80	9.90
	60.0	56.0	295.40	14.34	277.40	13.08	268.20	12.52	259.20	11.92	238.40	10.74	217.80	9.56
50	-21.8	-22.0	192.00	42.62	184.40	41.16	180.60	39.00	176.80	39.20	168.20	34.48	159.60	32.20
	-17.8	-18.0	218.80	44.02	211.20	42.56	207.40	40.40	203.60	40.62	195.00	35.88	181.40	33.62
	-12.6	-13.0	244.60	45.42	231.20	42.20	223.60	40.10	216.00	38.04	198.80	33.68	181.40	29.70
	-7.1	-7.6	246.20	41.32	231.20	37.26	223.60	35.42	216.00	33.60	198.80	29.76	181.40	26.22
	-3.6	-4.0	246.20	38.04	231.20	34.30	223.60	32.62	216.00	30.92	198.80	27.40	181.40	24.14
	-1.8	-2.2	246.20	36.50	231.20	32.92	223.60	31.30	216.00	29.68	198.80	26.28	181.40	23.18
	2.0	1.0	246.20	33.60	231.20	30.32	223.60	28.82	216.00	27.34	198.80	24.22	181.40	21.34
	6.0	5.0	246.20	29.74	231.20	26.82	223.60	25.50	216.00	24.20	198.80	21.44	181.40	18.90
	10.0	9.0	246.20	27.42	231.20	24.76	223.60	23.54	216.00	22.34	198.80	19.80	181.40	17.46
	13.0	12.0	246.20	26.36	231.20	23.80	223.60	22.62	216.00	21.46	198.80	19.04	181.40	16.80
	17.0	15.0	246.20	23.44	231.20	21.18	223.60	20.14	216.00	19.12	198.80	16.96	181.40	14.98
	19.0	18.0	246.20	22.56	231.20	20.38	223.60	19.38	216.00	18.40	198.80	16.34	181.40	14.42
	23.0	21.0	246.20	20.92	231.20	18.92	223.60	18.00	216.00	17.10	198.80	15.18	181.40	13.42
	26.0	24.0	246.20	19.46	231.20	17.60	223.60	16.76	216.00	15.92	198.80	14.16	181.40	12.50
	30.0	28.0	246.20	18.14	231.20	16.44	223.60	15.64	216.00	14.86	198.80	13.22	181.40	11.70
	35.0	32.0	246.20	16.44	231.20	14.90	223.60	14.20	216.00	13.50	198.80	12.02	181.40	10.64
	39.0	36.0	246.20	15.44	231.20	14.02	223.60	13.36	216.00	12.70	198.80	11.34	181.40	10.04
	44.0	40.0	246.20	14.58	231.20	13.26	223.60	12.64	216.00	12.02	198.80	10.74	181.40	9.52
	47.0	43.0	246.20	14.18	231.20	12.90	223.60	12.30	216.00	11.70	198.80	10.46	181.40	9.28
	51.0	47.0	246.20	13.48	231.20	12.28	223.60	11.72	216.00	11.16	198.80	9.98	181.40	8.86
	54.0	50.0	246.20	12.88	231.20	11.74	223.60	11.22	216.00	10.68	198.80	9.56	181.40	8.50
	57.0	53.0	246.20	12.12	231.20	11.06	223.60	10.58	216.00	10.06	198.80	9.04	181.40	8.04
	60.0	56.0	246.20	11.70	231.20	10.70	223.60	10.22	216.00	9.74	198.80	8.74	181.40	7.78

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC408S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	344.70	8.69	419.00	11.78	493.20	14.72	530.40	16.54	595.90	19.36	657.86	20.57	695.71	22.47
	10	344.70	9.15	419.00	12.27	493.20	15.25	530.40	17.05	595.90	19.86	651.35	20.99	688.82	22.82
	14	344.70	9.63	419.00	12.78	493.20	15.80	530.40	17.58	595.90	20.37	644.90	21.42	682.00	23.17
	23	344.70	10.14	419.00	13.31	493.20	16.37	530.40	18.13	595.90	20.89	638.51	21.86	675.25	23.52
	27	344.70	10.67	419.00	13.86	493.20	16.96	530.40	18.70	595.90	21.42	632.19	22.30	668.57	23.87
	32	344.70	11.24	419.00	14.43	493.20	17.57	530.40	19.27	595.90	21.97	625.93	22.76	661.95	24.24
	37	344.70	11.83	419.00	15.03	493.20	18.21	530.40	19.86	595.90	22.54	619.73	23.22	655.39	24.61
	41	344.70	12.45	419.00	15.66	493.20	18.87	530.40	20.47	595.90	23.11	613.60	23.70	648.90	24.98
	46	344.70	12.69	419.00	15.92	493.20	19.16	530.40	20.78	589.80	23.31	607.40	23.99	642.90	25.41
	50	344.70	12.91	419.00	16.19	493.20	19.48	530.40	21.12	585.70	23.55	603.40	24.28	638.70	25.88
	54	344.70	13.26	419.00	16.55	493.20	19.88	530.40	21.58	581.50	23.92	599.30	24.76	634.60	26.53
	57	344.70	13.61	419.00	16.95	493.20	20.40	530.40	22.18	577.50	24.47	595.20	25.33	630.60	27.21
	61	344.70	14.03	419.00	17.51	493.20	21.08	530.40	22.88	573.40	25.06	591.10	26.03	626.50	28.04
	64	344.70	14.55	419.00	18.09	493.20	21.78	530.40	23.73	569.40	25.91	587.00	26.93	622.50	29.29
	68	344.70	15.08	419.00	18.78	493.20	22.74	529.70	24.87	565.30	26.99	583.00	28.21	618.30	30.80
	72	344.70	15.73	419.00	19.60	493.20	23.94	525.80	26.03	561.10	28.44	578.90	29.71	614.20	32.83
	75	344.70	16.39	419.00	20.67	493.20	25.47	521.80	27.57	557.10	30.09	574.80	31.66	610.20	35.20
	79	344.70	17.35	419.00	21.91	493.20	27.18	517.70	29.19	553.00	32.23	570.70	33.88	599.90	37.54
	82	344.70	18.33	419.00	23.39	493.20	29.26	513.50	31.31	549.00	34.40	562.00	35.90	587.20	39.84
	86	344.70	19.61	419.00	25.09	491.80	31.56	505.40	33.02	537.60	36.14	548.90	37.81	570.90	41.97
	90	344.70	20.95	419.00	27.26	480.80	32.92	493.10	34.30	523.70	37.96	529.40	39.31	549.50	42.37
	93	344.70	22.90	419.00	29.41	467.80	34.14	474.70	35.38	502.30	39.04	508.20	40.22	527.90	41.08
	95	344.70	23.89	419.00	30.46	457.80	34.59	464.80	35.85	491.60	39.44	497.60	39.98	517.20	40.45
	99	344.70	25.81	413.60	32.28	437.80	35.44	444.80	36.58	470.30	38.95	476.30	38.81	495.70	39.22
	102	344.70	27.79	402.60	33.92	417.90	36.12	424.70	36.78	449.00	37.80	455.10	37.65	474.30	38.01
	106	344.70	30.37	380.80	34.37	397.90	36.02	404.70	35.91	427.60	36.71	433.80	36.54	452.80	36.85
	111	333.70	33.37	348.30	34.46	368.00	34.88	374.60	34.65	395.60	35.18	402.00	34.98	420.60	35.19
	115	312.90	33.97	326.60	33.73	348.00	34.26	354.60	33.96	374.20	34.30	380.80	34.07	399.20	34.19
	118	292.20	33.86	304.80	33.16	323.10	33.19	329.60	32.83	343.40	32.40	350.10	32.15	368.90	32.30
	120	276.80	33.07	289.50	32.33	308.10	32.39	314.60	32.02	327.90	31.49	334.70	31.23	348.10	30.72
	122	260.20	31.42	272.20	30.71	289.60	30.77	295.70	30.42	308.20	29.91	314.70	29.67	327.20	29.19
120	5	318.30	8.03	386.80	10.80	455.40	13.42	489.60	15.07	558.20	18.01	592.40	19.91	681.55	22.12
	10	318.30	8.45	386.80	11.25	455.40	13.90	489.60	15.53	558.20	18.47	592.40	20.32	674.81	22.45
	14	318.30	8.89	386.80	11.71	455.40	14.40	489.60	16.01	558.20	18.95	592.40	20.74	668.12	22.80
	23	318.30	9.35	386.80	12.19	455.40	14.92	489.60	16.51	558.20	19.43	592.40	21.16	661.51	23.15
	27	318.30	9.84	386.80	12.70	455.40	15.46	489.60	17.02	558.20	19.93	592.40	21.59	654.96	23.50
	32	318.30	10.36	386.80	13.23	455.40	16.03	489.60	17.55	558.20	20.44	592.40	22.03	648.48	23.85
	37	318.30	10.91	386.80	13.78	455.40	16.62	489.60	18.10	558.20	20.96	592.40	22.48	642.06	24.22
	41	318.30	11.48	386.80	14.35	455.40	17.23	489.60	18.66	558.20	21.50	592.40	22.94	635.70	24.59
	46	318.30	11.69	386.80	14.58	455.40	17.49	489.60	18.93	558.20	21.92	590.70	23.34	629.50	24.89
	50	318.30	11.87	386.80	14.80	455.40	17.74	489.60	19.22	558.20	22.31	586.60	23.56	625.50	25.22
	54	318.30	12.14	386.80	15.10	455.40	18.09	489.60	19.61	558.20	22.79	582.50	23.92	621.40	25.73
	57	318.30	12.43	386.80	15.43	455.40	18.52	489.60	20.08	558.20	23.47	578.50	24.43	617.40	26.32
	61	318.30	12.78	386.80	15.89	455.40	19.09	489.60	20.74	554.90	24.03	574.30	24.99	613.20	27.08
	64	318.30	13.21	386.80	16.40	455.40	19.71	489.60	21.43	550.90	24.71	570.30	25.78	609.10	28.04
	68	318.30	13.65	386.80	16.98	455.40	20.50	489.60	22.36	546.70	25.63	566.20	26.80	605.10	29.37
	72	318.30	14.22	386.80	17.71	455.40	21.52	489.60	23.54	542.60	26.87	562.10	28.19	601.00	30.99
	75	318.30	14.83	386.80	18.62	455.40	22.77	489.60	25.11	538.60	28.42	558.10	29.85	597.00	33.07
	79	318.30	15.67	386.80	19.73	455.40	24.41	489.60	27.00	534.50	30.30	553.90	31.90	591.20	35.24
	82	318.30	16.59	386.80	21.09	455.40	26.24	489.60	29.21	530.50	32.45	549.90	34.11	578.40	37.09
	86	318.30	17.71	386.80	22.61	455.40	28.45	487.40	31.48	521.70	34.26	537.30	35.71	564.20	38.91
	90	318.30	18.93	386.80	24.50	455.40	30.80	476.90	33.03	508.80	35.72	522.40	37.20	542.80	40.22
	93	318.30	20.54	386.80	26.57	450.20	32.66	464.40	34.24	490.10	36.78	501.10	38.18	521.40	40.77
	95	318.30	21.45	386.80	27.64	445.00	33.35	454.50	34.60	479.70	37.21	490.50	38.60	510.60	40.23
	99	318.30	23.32	386.80	29.79	429.80	34.43	434.70	35.27	459.10	37.85	469.30	38.55	489.20	39.00
	102	318.30	25.24	386.80	32.27	409.70	34.93	415.00	35.73	438.40	37.28	448.00	37.44	467.80	37.81
	106	318.30	27.50	376.00	33.70	389.50	35.24	395.30	35.56	417.80	36.27	426.70	36.35	446.40	36.67
	111	318.30	31.32	345.90	34.12	359.30	34.40	365.60	34.39	386.80	34.88	394.80	34.82	414.30	35.04
	115	308.40	32.89	325.90	33.77	339.20	33.77	345.80	33.77	366.10	34.10	373.60	33.92	392.90	34.06
	118	286.60	32.76	300.50	32.77	314.20	32.72	321.10	32.70	335.60	32.26	342.90	32.03	362.50	32.18
	120	271.80	32.09	285.40	32.00	299.20	31.93	306.20	31.91	320.30	31.38	327.50	31.12	341.70	30.60
	122	255.50	30.49	268.20	30.40	281.30	30.33	287.90	30.31	301.10	29.81	307.90	29.56	321.20	29.07

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC408S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	291.70	7.33	354.50	9.81	417.40	12.12	448.80	13.62	511.70	16.31	543.10	18.06	605.90	21.09
	10	291.70	7.72	354.50	10.22	417.40	12.56	448.80	14.04	511.70	16.73	543.10	18.43	605.90	21.41
	14	291.70	8.13	354.50	10.64	417.40	13.02	448.80	14.48	511.70	17.16	543.10	18.80	605.90	21.74
	23	291.70	8.55	354.50	11.08	417.40	13.50	448.80	14.92	511.70	17.60	543.10	19.18	605.90	22.07
	27	291.70	8.99	354.50	11.54	417.40	13.99	448.80	15.38	511.70	18.06	543.10	19.57	605.90	22.40
	32	291.70	9.47	354.50	12.02	417.40	14.50	448.80	15.86	511.70	18.52	543.10	19.97	605.90	22.75
	37	291.70	9.97	354.50	12.52	417.40	15.03	448.80	16.35	511.70	19.00	543.10	20.38	605.90	23.10
	41	291.70	10.50	354.50	13.04	417.40	15.58	448.80	16.85	511.70	19.48	543.10	20.80	605.90	23.45
	46	291.70	10.70	354.50	13.26	417.40	15.82	448.80	17.10	511.70	19.79	543.10	21.17	605.90	23.92
	50	291.70	10.85	354.50	13.43	417.40	16.02	448.80	17.33	511.70	20.10	543.10	21.50	603.60	24.24
	54	291.70	11.05	354.50	13.67	417.40	16.33	448.80	17.67	511.70	20.51	543.10	21.96	599.60	24.60
	57	291.70	11.29	354.50	13.96	417.40	16.68	448.80	18.06	511.70	21.04	543.10	22.55	595.50	25.06
	61	291.70	11.57	354.50	14.31	417.40	17.16	448.80	18.62	511.70	21.68	543.10	23.25	591.40	25.69
	64	291.70	11.90	354.50	14.74	417.40	17.71	448.80	19.24	511.70	22.44	543.10	24.13	587.30	26.57
	68	291.70	12.25	354.50	15.23	417.40	18.36	448.80	19.98	511.70	23.43	540.90	25.10	583.20	27.64
	72	291.70	12.72	354.50	15.87	417.40	19.20	448.80	20.95	511.70	24.66	536.80	26.22	579.20	28.99
	75	291.70	13.31	354.50	16.64	417.40	20.25	448.80	22.18	511.10	26.24	532.70	27.70	575.10	30.75
	79	291.70	14.03	354.50	17.62	417.40	21.64	448.80	23.91	507.40	27.99	528.60	29.53	571.00	32.81
	82	291.70	14.89	354.50	18.83	417.40	23.40	448.80	25.95	503.30	29.97	524.50	31.59	561.50	34.60
	86	291.70	15.87	354.50	20.27	417.40	25.38	448.80	28.25	499.30	32.09	516.80	33.47	549.00	36.16
	90	291.70	17.00	354.50	21.91	417.40	27.55	448.80	30.64	488.60	33.67	504.20	34.85	528.90	37.09
	93	291.70	18.34	354.50	23.78	417.40	29.94	443.80	32.69	476.10	34.94	486.70	35.79	508.50	38.07
	95	291.70	19.13	354.50	24.79	417.40	31.10	438.20	33.29	466.30	35.26	476.50	36.14	498.30	38.51
	99	291.70	20.84	354.50	26.93	412.20	32.87	424.10	34.25	446.50	35.88	456.40	36.80	477.90	38.31
	102	291.70	22.75	354.50	29.10	401.80	34.19	404.80	34.62	426.80	36.26	436.30	36.72	457.50	37.23
	106	291.70	24.79	354.50	31.45	382.80	34.51	385.40	34.84	407.20	35.73	416.00	35.77	437.20	36.18
	111	291.70	28.14	341.30	33.51	354.30	34.35	356.30	34.09	377.60	34.52	385.90	34.45	406.60	34.74
	115	291.70	30.50	324.70	33.76	335.30	33.92	337.00	33.55	357.90	33.88	365.60	33.69	386.20	33.89
	118	280.90	31.65	296.50	32.44	305.20	32.25	312.50	32.56	327.70	32.10	335.40	31.88	356.10	32.06
	120	261.10	30.22	275.60	30.83	290.30	31.47	297.70	31.80	312.80	31.27	320.30	31.01	335.40	30.48
	122	245.40	28.71	259.00	29.29	272.90	29.89	279.80	30.21	294.10	29.71	301.10	29.46	315.20	28.95
100	5	265.20	6.63	322.30	8.80	379.50	10.86	408.00	12.16	465.10	14.64	493.70	16.23	550.80	19.00
	10	265.20	6.98	322.30	9.17	379.50	11.25	408.00	12.53	465.10	15.01	493.70	16.56	550.80	19.29
	14	265.20	7.35	322.30	9.55	379.50	11.66	408.00	12.92	465.10	15.40	493.70	16.89	550.80	19.58
	23	265.20	7.74	322.30	9.95	379.50	12.08	408.00	13.32	465.10	15.79	493.70	17.24	550.80	19.88
	27	265.20	8.15	322.30	10.37	379.50	12.52	408.00	13.73	465.10	16.19	493.70	17.59	550.80	20.18
	32	265.20	8.58	322.30	10.81	379.50	12.98	408.00	14.15	465.10	16.61	493.70	17.95	550.80	20.49
	37	265.20	9.04	322.30	11.26	379.50	13.45	408.00	14.59	465.10	17.03	493.70	18.32	550.80	20.80
	41	265.20	9.52	322.30	11.73	379.50	13.94	408.00	15.05	465.10	17.47	493.70	18.69	550.80	21.11
	46	265.20	9.71	322.30	11.93	379.50	14.15	408.00	15.27	465.10	17.71	493.70	18.94	550.80	21.39
	50	265.20	9.84	322.30	12.08	379.50	14.33	408.00	15.45	465.10	17.95	493.70	19.20	550.80	21.70
	54	265.20	9.97	322.30	12.25	379.50	14.58	408.00	15.76	465.10	18.28	493.70	19.57	550.80	22.18
	57	265.20	10.15	322.30	12.49	379.50	14.86	408.00	16.07	465.10	18.71	493.70	20.03	550.80	22.69
	61	265.20	10.37	322.30	12.78	379.50	15.27	408.00	16.55	465.10	19.22	493.70	20.58	550.80	23.36
	64	265.20	10.61	322.30	13.12	379.50	15.74	408.00	17.10	465.10	19.88	493.70	21.31	550.80	24.27
	68	265.20	10.85	322.30	13.52	379.50	16.30	408.00	17.73	465.10	20.67	493.70	22.22	550.80	25.48
	72	265.20	11.25	322.30	14.05	379.50	16.99	408.00	18.50	465.10	21.68	493.70	23.37	550.80	26.89
	75	265.20	11.77	322.30	14.73	379.50	17.86	408.00	19.50	465.10	22.97	493.70	24.81	550.80	28.52
	79	265.20	12.43	322.30	15.58	379.50	19.00	408.00	20.86	465.10	24.68	493.70	26.67	550.80	30.73
	82	265.20	13.21	322.30	16.63	379.50	20.56	408.00	22.80	465.10	26.84	493.70	28.88	545.70	32.72
	86	265.20	14.09	322.30	17.95	379.50	22.47	408.00	24.97	465.10	29.11	493.70	31.25	535.60	34.35
	90	265.20	15.09	322.30	19.48	379.50	24.46	408.00	27.20	465.10	31.58	484.30	32.94	516.10	35.04
	93	265.20	16.28	322.30	21.13	379.50	26.61	408.00	29.77	455.20	33.08	474.90	34.38	496.50	35.65
	95	265.20	16.92	322.30	22.01	379.50	27.90	408.00	30.99	450.20	33.72	465.60	34.64	486.80	35.97
	99	265.20	18.40	322.30	24.11	379.50	30.14	403.20	32.68	431.80	34.14	446.90	35.14	467.20	36.67
	102	265.20	20.25	322.30	26.20	379.50	32.31	393.50	33.77	413.60	34.58	428.10	35.67	447.80	36.68
	106	265.20	22.24	322.30	28.27	369.10	33.32	374.70	33.96	395.20	34.89	409.40	35.63	428.30	35.72
	111	265.20	25.22	322.30	31.49	345.10	33.77	346.60	33.72	367.70	34.08	381.40	34.60	399.00	34.43
	115	265.20	27.20	312.90	32.37	326.40	33.44	327.90	33.30	349.40	33.63	362.70	34.07	379.40	33.70
	118	265.20	29.17	286.70	31.27	296.40	31.78	303.90	32.41	319.90	31.94	333.80	32.48	349.80	31.94
	120	250.50	28.34	265.80	29.66	281.40	31.01	289.20	31.69	305.10	31.15	313.10	30.88	329.10	30.36
	122	235.40	26.92	249.90	28.17	264.60	29.46	271.80	30.11	286.80	29.59	294.40	29.34	309.30	28.84

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1. Capacity table

VPC/VRC408S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	238.70	5.98	290.10	7.89	341.50	9.69	367.20	10.84	418.60	13.01	444.30	14.42	495.70	16.88
	10	238.70	6.29	290.10	8.22	341.50	10.04	367.20	11.17	418.60	13.34	444.30	14.71	495.70	17.14
	14	238.70	6.62	290.10	8.57	341.50	10.41	367.20	11.52	418.60	13.69	444.30	15.01	495.70	17.40
	23	238.70	6.97	290.10	8.92	341.50	10.79	367.20	11.87	418.60	14.04	444.30	15.32	495.70	17.66
	27	238.70	7.34	290.10	9.29	341.50	11.18	367.20	12.24	418.60	14.40	444.30	15.63	495.70	17.93
	32	238.70	7.73	290.10	9.68	341.50	11.59	367.20	12.62	418.60	14.77	444.30	15.95	495.70	18.20
	37	238.70	8.14	290.10	10.08	341.50	12.01	367.20	13.01	418.60	15.15	444.30	16.28	495.70	18.48
	41	238.70	8.57	290.10	10.50	341.50	12.45	367.20	13.41	418.60	15.54	444.30	16.61	495.70	18.76
	46	238.70	8.75	290.10	10.69	341.50	12.64	367.20	13.61	418.60	15.76	444.30	16.83	495.70	18.98
	50	238.70	8.88	290.10	10.83	341.50	12.80	367.20	13.78	418.60	15.94	444.30	17.03	495.70	19.22
	54	238.70	9.00	290.10	10.98	341.50	12.99	367.20	14.00	418.60	16.20	444.30	17.31	495.70	19.55
	57	238.70	9.16	290.10	11.18	341.50	13.23	367.20	14.26	418.60	16.53	444.30	17.69	495.70	20.01
	61	238.70	9.36	290.10	11.44	341.50	13.56	367.20	14.64	418.60	16.97	444.30	18.15	495.70	20.55
	64	238.70	9.58	290.10	11.73	341.50	13.96	367.20	15.08	418.60	17.51	444.30	18.74	495.70	21.26
	68	238.70	9.80	290.10	12.08	341.50	14.43	367.20	15.63	418.60	18.17	444.30	19.49	495.70	22.23
	72	238.70	10.13	290.10	12.54	341.50	15.02	367.20	16.29	418.60	19.02	444.30	20.45	495.70	23.47
	75	238.70	10.57	290.10	13.10	341.50	15.73	367.20	17.09	418.60	20.08	444.30	21.63	495.70	24.85
	79	238.70	11.11	290.10	13.81	341.50	16.66	367.20	18.15	418.60	21.35	444.30	23.00	495.70	26.37
	82	238.70	11.77	290.10	14.68	341.50	17.82	367.20	19.49	418.60	22.93	444.30	24.70	495.70	28.36
	86	238.70	12.51	290.10	15.74	341.50	19.29	367.20	21.21	418.60	24.79	444.30	26.65	495.70	30.53
	90	238.70	13.35	290.10	16.96	341.50	20.91	367.20	23.01	418.60	26.80	444.30	28.76	491.00	32.35
	93	238.70	14.37	290.10	18.36	341.50	22.68	367.20	24.95	418.60	28.98	444.30	30.99	481.50	33.69
	95	238.70	14.95	290.10	19.11	341.50	23.65	367.20	26.08	418.60	30.09	444.30	32.09	476.80	34.33
	99	238.70	16.28	290.10	20.87	341.50	25.75	367.20	28.27	418.60	32.29	434.70	33.36	457.80	34.75
	102	238.70	17.89	290.10	22.75	341.50	27.83	367.20	30.47	407.90	33.46	420.60	34.23	438.80	35.27
	106	238.70	19.58	290.10	24.65	341.50	30.05	362.10	32.23	392.40	34.24	402.00	34.72	419.80	35.45
	111	238.70	22.37	290.10	27.86	335.90	33.05	342.70	33.72	362.40	34.13	374.10	34.46	391.40	34.34
	115	238.70	24.31	290.10	30.22	319.00	33.29	324.60	33.66	342.40	33.53	355.40	33.98	372.40	33.70
	118	238.70	26.50	265.90	29.37	289.00	31.71	294.80	32.04	312.10	31.78	326.20	32.37	343.40	32.04
	120	221.90	25.43	245.00	27.77	268.10	30.11	279.80	31.29	296.90	30.95	305.50	30.79	322.80	30.47
	122	208.60	24.16	230.30	26.39	252.00	28.60	263.00	29.73	279.10	29.40	287.20	29.25	303.40	28.95
80	5	212.10	5.13	257.80	6.72	303.50	8.23	326.40	9.19	372.10	11.00	395.00	12.19	440.70	14.23
	10	212.10	5.43	257.80	7.03	303.50	8.58	326.40	9.52	372.10	11.35	395.00	12.50	440.70	14.52
	14	212.10	5.74	257.80	7.36	303.50	8.93	326.40	9.87	372.10	11.70	395.00	12.82	440.70	14.82
	23	212.10	6.07	257.80	7.71	303.50	9.30	326.40	10.22	372.10	12.06	395.00	13.15	440.70	15.12
	27	212.10	6.42	257.80	8.08	303.50	9.69	326.40	10.59	372.10	12.43	395.00	13.48	440.70	15.43
	32	212.10	6.79	257.80	8.46	303.50	10.09	326.40	10.98	372.10	12.82	395.00	13.83	440.70	15.74
	37	212.10	7.19	257.80	8.86	303.50	10.51	326.40	11.38	372.10	13.22	395.00	14.18	440.70	16.06
	41	212.10	7.61	257.80	9.28	303.50	10.95	326.40	11.79	372.10	13.63	395.00	14.55	440.70	16.39
	46	212.10	7.78	257.80	9.46	303.50	11.13	326.40	11.97	372.10	13.82	395.00	14.75	440.70	16.59
	50	212.10	7.91	257.80	9.59	303.50	11.27	326.40	12.12	372.10	13.96	395.00	14.90	440.70	16.77
	54	212.10	8.04	257.80	9.73	303.50	11.42	326.40	12.27	372.10	14.16	395.00	15.10	440.70	17.00
	57	212.10	8.17	257.80	9.89	303.50	11.62	326.40	12.48	372.10	14.40	395.00	15.39	440.70	17.36
	61	212.10	8.35	257.80	10.10	303.50	11.88	326.40	12.77	372.10	14.77	395.00	15.78	440.70	17.84
	64	212.10	8.54	257.80	10.36	303.50	12.20	326.40	13.13	372.10	15.21	395.00	16.27	440.70	18.43
	68	212.10	8.74	257.80	10.65	303.50	12.60	326.40	13.59	372.10	15.76	395.00	16.87	440.70	19.16
	72	212.10	9.01	257.80	11.04	303.50	13.11	326.40	14.16	372.10	16.48	395.00	17.67	440.70	20.19
	75	212.10	9.36	257.80	11.51	303.50	13.70	326.40	14.82	372.10	17.36	395.00	18.68	440.70	21.44
	79	212.10	9.80	257.80	12.10	303.50	14.47	326.40	15.69	372.10	18.43	395.00	19.83	440.70	22.73
	82	212.10	10.32	257.80	12.80	303.50	15.38	326.40	16.70	372.10	19.58	395.00	21.06	440.70	24.09
	86	212.10	10.92	257.80	13.63	303.50	16.44	326.40	17.88	372.10	20.97	395.00	22.57	440.70	25.94
	90	212.10	11.62	257.80	14.58	303.50	17.69	326.40	19.29	372.10	22.58	395.00	24.31	440.70	27.91
	93	212.10	12.47	257.80	15.71	303.50	19.07	326.40	20.80	372.10	24.35	395.00	26.17	440.70	29.90
	95	212.10	12.98	257.80	16.33	303.50	19.84	326.40	21.65	372.10	25.27	395.00	27.14	440.70	30.90
	99	212.10	14.15	257.80	17.79	303.50	21.56	326.40	23.49	372.10	27.25	395.00	29.15	436.10	32.46
	102	212.10	15.53	257.80	19.40	303.50	23.45	326.40	25.53	372.10	29.36	395.00	31.27	427.00	33.55
	106	212.10	16.92	257.80	21.09	303.50	25.51	326.40	27.79	372.10	31.65	389.90	32.96	412.90	34.33
	111	212.10	19.53	257.80	24.21	303.50	29.14	326.40	31.71	357.90	33.92	369.30	34.46	384.60	34.32
	115	212.10	21.43	257.80	26.61	303.50	31.98	317.10	33.43	338.40	33.84	348.30	33.91	365.70	33.74
	118	212.10	23.85	244.40	27.39	275.60	30.80	291.10	32.48	309.40	32.34	318.70	32.28	337.10	32.15
	120	193.40	22.53	224.00	25.86	254.80	29.21	270.30	30.89	288.70	30.75	297.90	30.69	316.40	30.57
	122	181.80	21.41	210.60	24.57	239.50	27.75	254.10	29.35	271.30	29.21	280.00	29.16	297.50	29.04

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC408S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	185.70	4.50	225.60	5.87	265.60	7.16	285.60	7.98	325.60	9.51	345.60	10.50	385.50	12.21
	10	185.70	4.76	225.60	6.15	265.60	7.46	285.60	8.27	325.60	9.80	345.60	10.77	385.50	12.46
	14	185.70	5.04	225.60	6.44	265.60	7.77	285.60	8.57	325.60	10.10	345.60	11.05	385.50	12.72
	23	185.70	5.33	225.60	6.75	265.60	8.10	285.60	8.88	325.60	10.41	345.60	11.33	385.50	12.98
	27	185.70	5.64	225.60	7.06	265.60	8.43	285.60	9.21	325.60	10.74	345.60	11.62	385.50	13.24
	32	185.70	5.97	225.60	7.39	265.60	8.78	285.60	9.54	325.60	11.07	345.60	11.92	385.50	13.51
	37	185.70	6.32	225.60	7.74	265.60	9.15	285.60	9.89	325.60	11.42	345.60	12.23	385.50	13.79
	41	185.70	6.69	225.60	8.11	265.60	9.53	285.60	10.24	325.60	11.77	345.60	12.54	385.50	14.07
	46	185.70	6.83	225.60	8.26	265.60	9.70	285.60	10.41	325.60	11.95	345.60	12.71	385.50	14.25
	50	185.70	6.95	225.60	8.39	265.60	9.82	285.60	10.54	325.60	12.08	345.60	12.85	385.50	14.40
	54	185.70	7.06	225.60	8.50	265.60	9.95	285.60	10.67	325.60	12.23	345.60	13.00	385.50	14.57
	57	185.70	7.17	225.60	8.64	265.60	10.10	285.60	10.83	325.60	12.42	345.60	13.22	385.50	14.83
	61	185.70	7.32	225.60	8.81	265.60	10.30	285.60	11.05	325.60	12.69	345.60	13.53	385.50	15.21
	64	185.70	7.49	225.60	9.01	265.60	10.56	285.60	11.33	325.60	13.06	345.60	13.93	385.50	15.70
	68	185.70	7.65	225.60	9.27	265.60	10.89	285.60	11.70	325.60	13.50	345.60	14.42	385.50	16.29
	72	185.70	7.86	225.60	9.56	265.60	11.29	285.60	12.16	325.60	14.07	345.60	15.05	385.50	17.06
	75	185.70	8.13	225.60	9.95	265.60	11.79	285.60	12.73	325.60	14.79	345.60	15.86	385.50	18.10
	79	185.70	8.45	225.60	10.41	265.60	12.39	285.60	13.39	325.60	15.67	345.60	16.85	385.50	19.26
	82	185.70	8.86	225.60	10.98	265.60	13.13	285.60	14.23	325.60	16.64	345.60	17.88	385.50	20.43
	86	185.70	9.32	225.60	11.60	265.60	13.90	285.60	15.06	325.60	17.65	345.60	18.98	385.50	21.72
	90	185.70	9.88	225.60	12.32	265.60	14.84	285.60	16.11	325.60	18.91	345.60	20.36	385.50	23.43
	93	185.70	10.54	225.60	13.20	265.60	15.91	285.60	17.28	325.60	20.34	345.60	21.93	385.50	25.19
	95	185.70	10.96	225.60	13.72	265.60	16.54	285.60	17.97	325.60	21.15	345.60	22.77	385.50	26.10
	99	185.70	11.94	225.60	14.92	265.60	17.95	285.60	19.47	325.60	22.80	345.60	24.50	385.50	27.92
	102	185.70	13.13	225.60	16.30	265.60	19.55	285.60	21.21	325.60	24.67	345.60	26.39	385.50	29.76
	106	185.70	14.35	225.60	17.82	265.60	21.41	285.60	23.26	325.60	26.70	345.60	28.38	385.50	31.61
	111	185.70	16.59	225.60	20.58	265.60	24.68	285.60	26.75	325.60	30.07	345.60	31.72	371.20	33.18
	115	185.70	18.45	225.60	22.79	265.60	27.24	285.60	29.50	319.50	32.07	332.20	32.92	351.50	33.35
	118	185.70	20.83	220.10	25.00	255.60	29.22	273.70	31.35	293.30	31.56	303.10	31.63	322.50	31.76
	120	169.60	21.02	203.00	24.55	236.50	28.09	253.30	29.87	272.60	29.98	282.40	30.05	301.80	30.18
	122	159.40	19.97	190.90	23.32	222.30	26.69	238.10	28.38	256.20	28.49	265.40	28.54	283.70	28.67
60	5	159.10	3.74	193.40	4.89	227.60	5.94	244.80	6.62	279.00	7.51	296.20	7.96	330.50	8.82
	10	159.10	3.98	193.40	5.15	227.60	6.22	244.80	6.90	279.00	7.82	296.20	8.29	330.50	9.19
	14	159.10	4.24	193.40	5.42	227.60	6.51	244.80	7.19	279.00	8.15	296.20	8.64	330.50	9.58
	23	159.10	4.51	193.40	5.70	227.60	6.82	244.80	7.49	279.00	8.48	296.20	9.00	330.50	9.98
	27	159.10	4.80	193.40	6.00	227.60	7.15	244.80	7.80	279.00	8.83	296.20	9.37	330.50	10.40
	32	159.10	5.11	193.40	6.31	227.60	7.48	244.80	8.13	279.00	9.20	296.20	9.76	330.50	10.84
	37	159.10	5.44	193.40	6.64	227.60	7.83	244.80	8.46	279.00	9.59	296.20	10.17	330.50	11.30
	41	159.10	5.79	193.40	6.99	227.60	8.20	244.80	8.81	279.00	9.99	296.20	10.59	330.50	11.77
	46	159.10	5.90	193.40	7.12	227.60	8.33	244.80	8.94	279.00	10.15	296.20	10.74	330.50	11.96
	50	159.10	5.99	193.40	7.21	227.60	8.44	244.80	9.05	279.00	10.26	296.20	10.87	330.50	12.08
	54	159.10	6.08	193.40	7.32	227.60	8.55	244.80	9.18	279.00	10.39	296.20	11.01	330.50	12.23
	57	159.10	6.16	193.40	7.43	227.60	8.68	244.80	9.32	279.00	10.56	296.20	11.18	330.50	12.43
	61	159.10	6.27	193.40	7.56	227.60	8.83	244.80	9.47	279.00	10.76	296.20	11.40	330.50	12.69
	64	159.10	6.42	193.40	7.72	227.60	9.03	244.80	9.70	279.00	11.03	296.20	11.71	330.50	13.08
	68	159.10	6.57	193.40	7.91	227.60	9.27	244.80	9.97	279.00	11.39	296.20	12.12	330.50	13.59
	72	159.10	6.71	193.40	8.14	227.60	9.58	244.80	10.30	279.00	11.82	296.20	12.58	330.50	14.14
	75	159.10	6.91	193.40	8.44	227.60	9.98	244.80	10.76	279.00	12.38	296.20	13.21	330.50	14.89
	79	159.10	7.14	193.40	8.78	227.60	10.45	244.80	11.28	279.00	13.06	296.20	13.98	330.50	15.84
	82	159.10	7.45	193.40	9.21	227.60	11.01	244.80	11.92	279.00	13.85	296.20	14.84	330.50	16.88
	86	159.10	7.78	193.40	9.68	227.60	11.60	244.80	12.56	279.00	14.66	296.20	15.73	330.50	17.95
	90	159.10	8.21	193.40	10.21	227.60	12.27	244.80	13.30	279.00	15.61	296.20	16.79	330.50	19.27
	93	159.10	8.66	193.40	10.85	227.60	13.06	244.80	14.16	279.00	16.75	296.20	18.06	330.50	20.74
	95	159.10	9.01	193.40	11.27	227.60	13.59	244.80	14.76	279.00	17.43	296.20	18.78	330.50	21.54
	99	159.10	9.75	193.40	12.25	227.60	14.81	244.80	16.11	279.00	18.89	296.20	20.32	330.50	23.21
	102	159.10	10.78	193.40	13.44	227.60	16.15	244.80	17.51	279.00	20.49	296.20	21.98	330.50	24.91
	106	159.10	11.84	193.40	14.79	227.60	17.84	244.80	19.40	279.00	22.34	296.20	23.78	330.50	26.63
	111	159.10	13.76	193.40	17.18	227.60	20.69	244.80	22.47	279.00	25.25	296.20	26.60	330.50	29.23
	115	159.10	15.28	193.40	19.00	227.60	22.75	244.80	24.64	279.00	27.35	296.20	28.67	330.50	31.18
	118	159.10	17.45	192.60	21.35	227.20	25.27	244.80	27.24	268.20	29.54	279.10	30.27	299.60	30.86
	120	150.90	18.74	181.60	22.45	212.80	26.19	228.60	28.08	248.60	28.60	258.70	28.85	278.80	29.31
	122	141.80	17.80	170.70	21.33	200.00	24.88	214.80	26.68	233.70	27.17	243.20	27.41	262.00	27.84

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC408S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	132.60	3.18	161.10	4.12	189.70	4.99	204.00	5.54	232.50	6.18	246.90	6.49	275.40	7.12
	10	132.60	3.38	161.10	4.34	189.70	5.23	204.00	5.78	232.50	6.44	246.90	6.76	275.40	7.42
	14	132.60	3.60	161.10	4.56	189.70	5.47	204.00	6.02	232.50	6.71	246.90	7.04	275.40	7.73
	23	132.60	3.82	161.10	4.80	189.70	5.73	204.00	6.27	232.50	6.99	246.90	7.33	275.40	8.06
	27	132.60	4.06	161.10	5.05	189.70	6.00	204.00	6.53	232.50	7.28	246.90	7.64	275.40	8.39
	32	132.60	4.32	161.10	5.31	189.70	6.28	204.00	6.80	232.50	7.58	246.90	7.96	275.40	8.74
	37	132.60	4.60	161.10	5.59	189.70	6.57	204.00	7.08	232.50	7.89	246.90	8.29	275.40	9.11
	41	132.60	4.89	161.10	5.88	189.70	6.88	204.00	7.37	232.50	8.22	246.90	8.64	275.40	9.49
	46	132.60	4.99	161.10	5.98	189.70	6.97	204.00	7.47	232.50	8.35	246.90	8.78	275.40	9.66
	50	132.60	5.05	161.10	6.05	189.70	7.06	204.00	7.56	232.50	8.45	246.90	8.90	275.40	9.78
	54	132.60	5.11	161.10	6.14	189.70	7.17	204.00	7.69	232.50	8.57	246.90	9.02	275.40	9.91
	57	132.60	5.17	161.10	6.22	189.70	7.28	204.00	7.81	232.50	8.70	246.90	9.16	275.40	10.06
	61	132.60	5.26	161.10	6.32	189.70	7.39	204.00	7.93	232.50	8.86	246.90	9.32	275.40	10.25
	64	132.60	5.37	161.10	6.45	189.70	7.54	204.00	8.09	232.50	9.05	246.90	9.53	275.40	10.50
	68	132.60	5.48	161.10	6.60	189.70	7.72	204.00	8.28	232.50	9.33	246.90	9.86	275.40	10.95
	72	132.60	5.61	161.10	6.77	189.70	7.93	204.00	8.52	232.50	9.67	246.90	10.25	275.40	11.42
	75	132.60	5.72	161.10	6.97	189.70	8.20	204.00	8.83	232.50	10.06	246.90	10.69	275.40	11.95
	79	132.60	5.91	161.10	7.24	189.70	8.60	204.00	9.29	232.50	10.61	246.90	11.28	275.40	12.64
	82	132.60	6.09	161.10	7.54	189.70	9.01	204.00	9.75	232.50	11.22	246.90	11.96	275.40	13.48
	86	132.60	6.33	161.10	7.87	189.70	9.43	204.00	10.22	232.50	11.86	246.90	12.69	275.40	14.40
	90	132.60	6.64	161.10	8.25	189.70	9.88	204.00	10.70	232.50	12.56	246.90	13.51	275.40	15.47
	93	132.60	6.95	161.10	8.68	189.70	10.43	204.00	11.31	232.50	13.41	246.90	14.49	275.40	16.68
	95	132.60	7.17	161.10	8.95	189.70	10.74	204.00	11.63	232.50	13.90	246.90	15.04	275.40	17.31
	99	132.60	7.78	161.10	9.76	189.70	11.81	204.00	12.86	232.50	15.17	246.90	16.35	275.40	18.72
	102	132.60	8.55	161.10	10.76	189.70	12.98	204.00	14.11	232.50	16.55	246.90	17.78	275.40	20.27
	106	132.60	9.51	161.10	11.88	189.70	14.36	204.00	15.65	232.50	18.17	246.90	19.41	275.40	21.87
	111	132.60	11.21	161.10	14.05	189.70	16.97	204.00	18.47	232.50	20.82	246.90	21.98	275.40	24.26
	115	132.60	12.47	161.10	15.54	189.70	18.72	204.00	20.34	232.50	22.58	246.90	23.69	275.40	25.86
	118	132.60	14.05	161.10	17.41	189.70	20.67	204.00	22.27	232.50	24.46	246.90	25.49	275.40	27.48
	120	132.60	15.34	161.10	18.63	189.70	21.90	204.00	23.53	224.40	25.55	234.80	26.50	255.90	28.29
	122	132.60	16.41	161.10	19.94	189.70	23.43	204.00	25.18	224.40	27.34	223.10	25.97	243.10	27.72

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC408S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	340.50	31.19	332.10	32.79	327.90	33.51	323.70	34.96	314.20	36.42	304.60	38.59
	-17.8	-18.0	368.80	32.64	360.50	34.24	356.40	34.96	352.20	36.42	342.60	37.86	333.10	40.04
	-12.6	-13.0	411.50	34.81	403.20	36.42	399.00	37.14	394.90	38.59	385.30	40.04	375.80	42.21
	-7.1	-7.6	454.20	36.99	445.90	38.59	441.70	39.31	437.60	40.76	428.00	42.21	418.50	44.39
	-3.6	-4.0	482.70	38.44	474.40	40.04	470.20	40.76	466.10	42.21	456.50	43.66	447.00	45.83
	-1.8	-2.2	496.90	39.16	488.60	40.76	484.40	41.48	480.30	42.94	470.70	44.39	459.70	46.56
	2.0	1.0	525.40	40.61	517.10	42.21	512.90	42.94	508.70	44.39	499.20	45.83	468.20	46.93
	6.0	5.0	568.10	42.79	559.80	44.39	555.60	45.11	550.70	46.56	515.90	46.93	473.70	46.93
	10.0	9.0	596.60	44.24	588.20	45.83	578.60	46.56	560.00	46.93	519.60	46.93	477.30	46.93
	13.0	12.0	610.80	44.96	598.20	46.56	580.90	46.93	561.80	46.93	521.50	46.93	479.20	46.93
	17.0	15.0	642.60	46.78	605.40	46.93	586.30	46.93	567.30	46.93	527.00	46.93	484.70	46.93
	19.0	18.0	643.50	46.93	607.30	46.93	588.20	46.93	569.10	46.93	528.70	46.93	486.60	46.93
	23.0	21.0	647.20	46.93	610.90	46.93	591.90	46.93	572.90	46.93	532.50	46.93	490.20	46.93
	26.0	24.0	650.90	46.93	614.60	46.93	595.60	46.93	576.50	46.93	536.10	46.93	493.90	46.93
	30.0	28.0	654.50	46.93	618.30	46.93	599.20	46.93	580.20	46.93	539.80	46.93	497.50	46.93
	35.0	32.0	660.00	46.93	623.70	46.93	604.80	46.93	585.70	46.93	545.30	46.93	501.30	44.54
	39.0	36.0	663.70	46.93	627.50	46.93	608.40	46.93	589.30	46.93	548.90	46.81	501.30	41.41
	44.0	40.0	667.40	46.93	631.10	46.93	612.00	46.93	593.10	46.93	548.90	43.55	501.30	38.60
	47.0	43.0	669.20	46.93	633.00	46.93	613.90	46.93	594.80	46.93	548.90	42.06	501.30	37.32
	51.0	47.0	672.90	46.93	636.60	46.93	617.60	46.17	596.70	43.99	548.90	39.37	501.30	35.02
	54.0	50.0	676.60	46.93	638.50	45.29	617.60	43.21	596.70	41.22	548.90	36.98	501.30	32.97
	57.0	53.0	680.20	45.01	638.50	41.22	617.60	39.40	596.70	37.63	548.90	33.89	501.30	30.34
	60.0	56.0	680.20	42.37	638.50	38.88	617.60	37.21	596.70	35.59	548.90	32.15	501.30	28.86
120	-21.8	-22.0	329.90	33.51	322.30	34.96	318.40	35.69	314.60	36.42	305.70	37.86	296.90	40.04
	-17.8	-18.0	358.40	34.96	350.70	36.42	346.90	37.14	343.00	37.86	334.20	39.31	325.40	41.48
	-12.6	-13.0	401.10	37.14	393.40	38.59	389.60	39.31	385.70	40.04	376.90	41.48	368.10	43.66
	-7.1	-7.6	443.80	39.31	436.10	40.76	432.30	41.48	428.30	42.21	419.60	43.66	410.70	45.83
	-3.6	-4.0	472.30	40.76	464.60	42.21	460.60	42.94	456.80	43.66	448.00	45.11	431.40	46.93
	-1.8	-2.2	486.50	41.48	478.80	42.94	474.90	43.66	471.00	44.39	462.30	45.83	433.30	46.93
	2.0	1.0	515.00	42.94	507.30	44.39	503.30	45.11	499.50	45.83	475.50	46.93	436.90	46.93
	6.0	5.0	557.70	45.11	548.20	46.56	535.20	46.93	519.60	46.93	481.10	46.93	442.40	46.93
	10.0	9.0	584.50	46.56	556.30	46.93	538.90	46.93	523.20	46.93	484.70	46.93	446.20	46.93
	13.0	12.0	591.20	46.93	558.20	46.93	540.70	46.93	525.10	46.93	486.60	46.93	448.00	46.93
	17.0	15.0	596.70	46.93	563.60	46.93	546.20	46.93	530.60	46.93	492.00	46.93	453.50	46.93
	19.0	18.0	598.60	46.93	565.50	46.93	548.00	46.93	532.50	46.93	493.90	46.93	455.40	46.93
	23.0	21.0	602.20	46.93	569.10	46.93	551.70	46.93	536.10	46.93	497.50	46.93	459.00	46.93
	26.0	24.0	605.90	46.93	572.90	46.93	555.40	46.93	539.80	46.93	501.30	46.93	462.60	45.65
	30.0	28.0	609.60	46.93	576.50	46.93	559.10	46.93	543.40	46.93	504.90	46.93	462.60	42.27
	35.0	32.0	615.00	46.93	582.00	46.93	564.60	46.93	548.90	46.93	506.80	42.79	462.60	37.80
	39.0	36.0	618.80	46.93	585.70	46.93	568.20	46.93	550.80	44.67	506.80	39.78	462.60	35.20
	44.0	40.0	622.40	46.93	589.30	45.87	570.10	43.68	550.80	41.56	506.80	37.08	462.60	32.86
	47.0	43.0	624.30	46.93	589.30	44.26	570.10	42.17	550.80	40.13	506.80	35.84	462.60	31.80
	51.0	47.0	627.90	45.40	589.30	41.35	570.10	39.44	550.80	37.56	506.80	33.62	462.60	29.89
	54.0	50.0	627.90	42.49	589.30	38.76	570.10	37.00	550.80	35.27	506.80	31.65	462.60	28.21
	57.0	53.0	627.90	38.70	589.30	35.40	570.10	33.85	550.80	32.32	506.80	29.13	462.60	26.05
	60.0	56.0	627.90	36.54	589.30	33.50	570.10	32.07	550.80	30.64	506.80	27.69	462.60	24.82
110	-21.8	-22.0	319.50	34.96	312.50	36.42	308.90	37.14	305.40	37.86	297.30	39.31	278.70	40.76
	-17.8	-18.0	348.00	36.42	340.90	37.86	337.40	38.59	333.80	39.31	325.70	40.76	307.20	42.21
	-12.6	-13.0	390.70	38.59	383.60	40.04	380.10	40.76	376.50	41.48	368.40	42.94	349.90	44.39
	-7.1	-7.6	433.40	40.76	426.20	42.21	422.70	42.94	419.20	43.66	411.10	45.11	392.30	46.56
	-3.6	-4.0	461.80	42.21	454.70	43.66	451.20	44.39	447.60	45.11	434.50	46.56	401.10	46.93
	-1.8	-2.2	476.10	42.94	468.90	44.39	465.40	45.11	461.90	45.83	436.90	46.93	403.00	46.93
	2.0	1.0	504.50	44.39	497.40	45.83	489.60	46.56	475.50	46.93	440.70	46.93	406.60	46.93
	6.0	5.0	541.90	46.56	512.70	46.93	496.90	46.93	481.10	46.93	446.20	46.93	412.10	46.93
	10.0	9.0	546.20	46.93	516.40	46.93	500.60	46.93	484.70	46.93	449.80	46.93	415.80	46.93
	13.0	12.0	548.00	46.93	518.20	46.93	502.40	46.93	486.60	46.93	451.60	46.93	417.60	46.93
	17.0	15.0	553.60	46.93	523.80	46.93	507.90	46.93	492.10	46.93	457.10	46.93	423.20	46.92
	19.0	18.0	555.40	46.93	525.50	46.93	509.80	46.93	493.90	46.93	459.00	46.93	424.10	45.13
	23.0	21.0	559.10	46.93	529.20	46.93	513.40	46.93	497.50	46.93	462.60	46.93	424.10	41.69
	26.0	24.0	562.70	46.93	532.90	46.93	517.00	46.93	501.30	46.93	464.50	43.80	424.10	38.57
	30.0	28.0	566.40	46.93	536.60	46.93	520.80	46.93	504.90	45.69	464.50	40.55	424.10	35.75
	35.0	32.0	571.90	46.93	540.20	45.13	522.60	42.94	504.90	40.78	464.50	36.26	424.10	32.03
	39.0	36.0	575.60	46.17	540.20	41.90	522.60	39.89	504.90	37.91	464.50	33.77	424.10	29.87
	44.0	40.0	575.60	42.91	540.20	39.00	522.60	37.15	504.90	35.34	464.50	31.53	424.10	27.94
	47.0	43.0	575.60	41.42	540.20	37.67	522.60	35.89	504.90	34.16	464.50	30.51	424.10	27.06
	51.0	47.0	575.60	38.73	540.20	35.28	522.60	33.63	504.90	32.04	464.50	28.68	424.10	25.49
	54.0	50.0	575.60	36.31	540.20	33.15	522.60	31.63	504.90	30.17	464.50	27.06	424.10	24.10
	57.0	53.0	575.60	33.21	540.20	30.41	522.60	29.05	504.90	27.76	464.50	24.99	424.10	22.33
	60.0	56.0	575.60	31.44	540.20	28.86	522.60	27.59	504.90	26.39	464.50	23.82	424.10	21.33

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC408S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	309.10	37.14	302.70	38.59	299.40	39.31	296.20	40.00	277.80	40.04	259.50	41.48
	-17.8	-18.0	337.50	38.59	331.10	40.04	327.80	40.76	324.60	41.46	306.30	41.48	287.90	42.94
	-12.6	-13.0	380.20	40.76	373.70	42.21	370.50	42.94	367.30	43.63	349.00	43.66	330.60	45.11
	-7.1	-7.6	422.90	42.94	416.40	44.39	413.20	45.11	410.00	45.80	391.70	45.83	367.20	46.93
	-3.6	-4.0	451.30	44.39	444.90	45.83	440.50	46.56	433.00	46.91	402.10	46.93	370.80	46.93
	-1.8	-2.2	465.50	45.11	457.30	46.56	447.50	46.93	435.20	46.93	403.90	46.93	372.70	46.93
	2.0	1.0	490.10	46.56	465.40	46.93	451.20	46.93	438.80	46.93	407.60	46.93	376.40	46.93
	6.0	5.0	497.50	46.93	470.90	46.93	456.70	46.93	444.30	46.93	413.10	46.93	381.90	46.93
	10.0	9.0	501.30	46.93	474.60	46.93	460.30	46.93	448.00	46.93	416.70	46.93	385.50	46.43
	13.0	12.0	503.00	46.93	476.40	46.93	462.20	46.93	449.80	46.93	418.60	46.93	385.50	44.58
	17.0	15.0	508.50	46.93	482.00	46.93	467.70	46.93	455.40	46.93	422.30	44.90	385.50	39.49
	19.0	18.0	510.40	46.93	483.80	46.93	469.60	46.93	457.10	46.93	422.30	43.13	385.50	37.94
	23.0	21.0	514.10	46.93	487.50	46.93	473.20	46.93	459.00	45.00	422.30	39.84	385.50	35.08
	26.0	24.0	517.70	46.93	491.10	46.12	475.10	43.82	459.00	41.60	422.30	36.86	385.50	32.49
	30.0	28.0	521.40	46.93	491.10	42.67	475.10	40.55	459.00	38.52	422.30	34.17	385.50	30.15
	35.0	32.0	523.20	42.05	491.10	38.11	475.10	36.24	459.00	34.45	422.30	30.63	385.50	27.07
	39.0	36.0	523.20	39.06	491.10	35.45	475.10	33.73	459.00	32.07	422.30	28.56	385.50	25.29
	44.0	40.0	523.20	36.39	491.10	33.07	475.10	31.48	459.00	29.95	422.30	26.73	385.50	23.70
	47.0	43.0	523.20	35.15	491.10	31.97	475.10	30.45	459.00	28.98	422.30	25.88	385.50	22.97
	51.0	47.0	523.20	32.94	491.10	30.02	475.10	28.60	459.00	27.24	422.30	24.38	385.50	21.68
	54.0	50.0	523.20	30.98	491.10	28.28	475.10	26.97	459.00	25.70	422.30	23.06	385.50	20.54
	57.0	53.0	523.20	28.45	491.10	26.05	475.10	24.88	459.00	23.74	422.30	21.37	385.50	19.10
	60.0	56.0	523.20	27.02	491.10	24.79	475.10	23.69	459.00	22.62	422.30	20.42	385.50	18.29
90	-21.8	-22.0	298.60	39.31	287.70	40.04	280.40	40.04	273.20	40.76	256.80	41.48	240.20	41.48
	-17.8	-18.0	327.10	40.76	316.10	41.48	308.90	41.48	301.70	42.21	285.20	42.94	268.70	42.94
	-12.6	-13.0	369.70	42.94	358.80	43.66	351.60	43.66	344.40	44.39	327.80	45.11	311.40	45.11
	-7.1	-7.6	412.40	45.11	401.50	45.83	394.30	45.83	385.10	46.56	361.70	46.93	336.00	46.93
	-3.6	-4.0	438.10	46.56	418.20	46.93	405.50	46.93	392.90	46.93	365.30	46.93	339.60	46.93
	-1.8	-2.2	443.40	46.93	419.90	46.93	407.40	46.93	394.80	46.93	367.20	46.93	341.50	46.93
	2.0	1.0	447.10	46.93	423.70	46.93	411.00	46.93	398.40	46.93	370.80	46.93	345.10	46.93
	6.0	5.0	452.60	46.93	429.20	46.93	416.50	46.93	403.90	46.93	376.40	46.93	347.00	43.11
	10.0	9.0	456.20	46.93	432.90	46.93	420.20	46.93	407.60	46.93	380.10	45.19	347.00	39.73
	13.0	12.0	458.10	46.93	434.70	46.93	422.00	46.93	409.50	46.93	380.10	43.38	347.00	38.14
	17.0	15.0	463.60	46.93	440.10	46.93	427.60	45.80	413.10	43.43	380.10	38.44	347.00	33.82
	19.0	18.0	465.40	46.93	442.00	46.32	427.60	44.00	413.10	41.73	380.10	36.94	347.00	32.51
	23.0	21.0	469.10	46.93	442.00	42.77	427.60	40.64	413.10	38.55	380.10	34.16	347.00	30.08
	26.0	24.0	470.90	43.72	442.00	39.56	427.60	37.60	413.10	35.68	380.10	31.63	347.00	27.89
	30.0	28.0	470.90	40.47	442.00	36.64	427.60	34.84	413.10	33.07	380.10	29.36	347.00	25.91
	35.0	32.0	470.90	36.19	442.00	32.80	427.60	31.21	413.10	29.65	380.10	26.37	347.00	23.32
	39.0	36.0	470.90	33.69	442.00	30.57	427.60	29.10	413.10	27.67	380.10	24.64	347.00	21.82
	44.0	40.0	470.90	31.45	442.00	28.57	427.60	27.23	413.10	25.89	380.10	23.11	347.00	20.49
	47.0	43.0	470.90	30.42	442.00	27.66	427.60	26.36	413.10	25.08	380.10	22.40	347.00	19.88
	51.0	47.0	470.90	28.59	442.00	26.04	427.60	24.82	413.10	23.64	380.10	21.15	347.00	18.80
	54.0	50.0	470.90	26.96	442.00	24.59	427.60	23.47	413.10	22.36	380.10	20.05	347.00	17.86
	57.0	53.0	470.90	24.88	442.00	22.75	427.60	21.74	413.10	20.74	380.10	18.66	347.00	16.66
	60.0	56.0	470.90	23.71	442.00	21.71	427.60	20.77	413.10	19.82	380.10	17.87	347.00	15.99
80	-21.8	-22.0	276.00	40.76	263.20	40.76	256.80	41.48	250.30	41.48	235.60	42.21	220.90	42.21
	-17.8	-18.0	304.40	42.21	291.60	42.21	285.20	42.94	278.70	42.94	264.00	43.66	249.40	43.66
	-12.6	-13.0	347.10	44.39	334.30	44.39	327.80	45.11	321.40	45.11	306.70	45.83	292.10	45.83
	-7.1	-7.6	388.20	46.56	371.90	46.56	361.70	46.93	352.50	46.93	328.70	46.93	304.80	46.93
	-3.6	-4.0	396.60	46.93	376.40	46.93	365.30	46.93	356.20	46.93	332.30	46.93	308.50	46.63
	-1.8	-2.2	398.40	46.93	378.20	46.93	367.20	46.93	358.00	46.93	334.20	46.93	308.50	44.74
	2.0	1.0	402.10	46.93	381.90	46.93	370.80	46.93	361.70	46.93	337.90	46.88	308.50	41.19
	6.0	5.0	407.60	46.93	387.40	46.93	376.40	46.93	367.20	46.82	337.90	41.43	308.50	36.41
	10.0	9.0	411.20	46.93	391.00	46.93	380.10	45.51	367.20	43.13	337.90	38.18	308.50	33.56
	13.0	12.0	413.10	46.93	392.90	46.05	380.10	43.69	367.20	41.41	337.90	36.66	308.50	32.24
	17.0	15.0	418.60	45.16	392.90	40.79	380.10	38.71	367.20	36.70	337.90	32.51	308.50	28.61
	19.0	18.0	418.60	43.38	392.90	39.19	380.10	37.20	367.20	35.28	337.90	31.26	308.50	27.52
	23.0	21.0	418.60	40.07	392.90	36.23	380.10	34.40	367.20	32.63	337.90	28.94	308.50	25.48
	26.0	24.0	418.60	37.08	392.90	33.54	380.10	31.86	367.20	30.23	337.90	26.83	308.50	23.66
	30.0	28.0	418.60	34.37	392.90	31.11	380.10	29.57	367.20	28.07	337.90	24.94	308.50	22.01
	35.0	32.0	418.60	30.80	392.90	27.93	380.10	26.57	367.20	25.24	337.90	22.45	308.50	19.86
	39.0	36.0	418.60	28.73	392.90	26.09	380.10	24.82	367.20	23.59	337.90	21.02	308.50	18.61
	44.0	40.0	418.60	26.88	392.90	24.43	380.10	23.27	367.20	22.14	337.90	19.75	308.50	17.51
	47.0	43.0	418.60	26.03	392.90	23.68	380.10	22.56	367.20	21.47	337.90	19.17	308.50	17.01
	51.0	47.0	418.60	24.52	392.90	22.35	380.10	21.31	367.20	20.29	337.90	18.15	308.50	16.13
	54.0	50.0	418.60	23.20	392.90	21.17	380.10	20.19	367.20	19.25	337.90	17.24	308.50	15.35
	57.0	53.0	418.60	21.50	392.90	19.67	380.10	18.79	367.20	17.93	337.90	16.10	308.50	14.37
	60.0	56.0	418.60	20.54	392.90	18.82	380.10	17.99	367.20	17.19	337.90	15.46	308.50	13.82

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC408S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	249.80	41.48	238.60	42.21	233.00	42.21	227.30	42.21	214.50	42.94	201.60	42.41
	-17.8	-18.0	278.30	42.94	267.00	43.66	261.40	43.66	255.80	43.66	243.00	44.39	230.10	43.85
	-12.6	-13.0	321.00	45.11	309.70	45.83	304.10	45.83	298.50	45.83	283.80	46.56	267.50	46.02
	-7.1	-7.6	349.80	46.93	330.90	46.93	323.40	46.93	313.90	46.93	293.70	46.93	269.90	42.12
	-3.6	-4.0	353.40	46.93	334.70	46.93	327.00	46.93	317.70	46.93	295.60	44.13	269.90	38.77
	-1.8	-2.2	355.30	46.93	336.40	46.93	328.90	46.93	319.40	46.93	295.60	42.34	269.90	37.20
	2.0	1.0	358.90	46.93	340.20	46.93	332.60	46.49	321.30	44.04	295.60	38.98	269.90	34.25
	6.0	5.0	364.40	46.93	343.80	43.28	332.60	41.08	321.30	38.93	295.60	34.47	269.90	30.29
	10.0	9.0	366.30	44.12	343.80	39.88	332.60	37.86	321.30	35.88	295.60	31.78	269.90	27.94
	13.0	12.0	366.30	42.36	343.80	38.29	332.60	36.35	321.30	34.46	295.60	30.52	269.90	26.84
	17.0	15.0	366.30	37.54	343.80	33.96	332.60	32.24	321.30	30.58	295.60	27.10	269.90	23.85
	19.0	18.0	366.30	36.08	343.80	32.64	332.60	31.00	321.30	29.40	295.60	26.06	269.90	22.95
	23.0	21.0	366.30	33.37	343.80	30.21	332.60	28.69	321.30	27.22	295.60	24.15	269.90	21.28
	26.0	24.0	366.30	30.92	343.80	28.01	332.60	26.61	321.30	25.26	295.60	22.43	269.90	19.77
	30.0	28.0	366.30	28.71	343.80	26.02	332.60	24.74	321.30	23.49	295.60	20.88	269.90	18.43
	35.0	32.0	366.30	25.82	343.80	23.43	332.60	22.28	321.30	21.18	295.60	18.86	269.90	16.67
	39.0	36.0	366.30	24.14	343.80	21.93	332.60	20.86	321.30	19.85	295.60	17.69	269.90	15.66
	44.0	40.0	366.30	22.64	343.80	20.59	332.60	19.61	321.30	18.66	295.60	16.65	269.90	14.76
	47.0	43.0	366.30	21.96	343.80	19.98	332.60	19.03	321.30	18.12	295.60	16.18	269.90	14.35
	51.0	47.0	366.30	20.75	343.80	18.90	332.60	18.01	321.30	17.16	295.60	15.35	269.90	13.64
	54.0	50.0	366.30	19.69	343.80	17.96	332.60	17.13	321.30	16.33	295.60	14.62	269.90	13.01
	57.0	53.0	366.30	18.34	343.80	16.76	332.60	16.00	321.30	15.28	295.60	13.71	269.90	12.22
	60.0	56.0	366.30	17.58	343.80	16.09	332.60	15.36	321.30	14.68	295.60	13.19	269.90	11.78
60	-21.8	-22.0	223.70	42.94	214.10	42.94	209.20	42.94	204.40	42.94	193.30	41.74	182.40	38.68
	-17.8	-18.0	252.10	44.39	242.50	44.39	237.70	44.39	232.80	44.39	221.80	43.20	210.90	40.13
	-12.6	-13.0	294.70	46.56	283.10	46.56	276.90	46.56	270.70	46.56	253.30	44.12	231.40	38.77
	-7.1	-7.6	306.60	46.93	291.90	46.93	285.00	46.48	275.40	44.06	253.30	38.96	231.40	34.24
	-3.6	-4.0	310.30	46.93	294.70	45.09	285.00	42.79	275.40	40.56	253.30	35.87	231.40	31.52
	-1.8	-2.2	312.10	46.93	294.70	43.25	285.00	41.06	275.40	38.91	253.30	34.42	231.40	30.24
	2.0	1.0	313.90	44.08	294.70	39.83	285.00	37.80	275.40	35.82	253.30	31.70	231.40	27.85
	6.0	5.0	313.90	38.96	294.70	35.21	285.00	33.42	275.40	31.68	253.30	28.04	231.40	24.65
	10.0	9.0	313.90	35.91	294.70	32.46	285.00	30.82	275.40	29.22	253.30	25.87	231.40	22.75
	13.0	12.0	313.90	34.50	294.70	31.18	285.00	29.61	275.40	28.07	253.30	24.86	231.40	21.87
	17.0	15.0	313.90	30.62	294.70	27.69	285.00	26.30	275.40	24.94	253.30	22.11	231.40	19.46
	19.0	18.0	313.90	29.44	294.70	26.63	285.00	25.30	275.40	24.00	253.30	21.28	231.40	18.73
	23.0	21.0	313.90	27.27	294.70	24.67	285.00	23.45	275.40	22.25	253.30	19.74	231.40	17.40
	26.0	24.0	313.90	25.30	294.70	22.91	285.00	21.78	275.40	20.68	253.30	18.36	231.40	16.19
	30.0	28.0	313.90	23.54	294.70	21.33	285.00	20.28	275.40	19.27	253.30	17.12	231.40	15.11
	35.0	32.0	313.90	21.24	294.70	19.27	285.00	18.33	275.40	17.42	253.30	15.51	231.40	13.71
	39.0	36.0	313.90	19.91	294.70	18.07	285.00	17.21	275.40	16.36	253.30	14.58	231.40	12.91
	44.0	40.0	313.90	18.72	294.70	17.01	285.00	16.21	275.40	15.42	253.30	13.76	231.40	12.20
	47.0	43.0	313.90	18.18	294.70	16.53	285.00	15.75	275.40	14.99	253.30	13.39	231.40	11.87
	51.0	47.0	313.90	17.24	294.70	15.68	285.00	14.95	275.40	14.24	253.30	12.74	231.40	11.31
	54.0	50.0	313.90	16.40	294.70	14.95	285.00	14.25	275.40	13.59	253.30	12.17	231.40	10.82
	57.0	53.0	313.90	15.34	294.70	14.01	285.00	13.37	275.40	12.76	253.30	11.45	231.40	10.19
	60.0	56.0	313.90	14.75	294.70	13.47	285.00	12.88	275.40	12.29	253.30	11.05	231.40	9.84
50	-21.8	-22.0	197.50	43.66	189.50	41.38	185.40	39.15	181.40	39.41	172.20	34.59	163.10	32.28
	-17.8	-18.0	226.00	45.11	217.90	42.83	213.90	40.60	209.90	40.86	200.70	36.03	189.00	33.74
	-12.6	-13.0	259.80	46.93	245.60	43.77	237.60	41.57	229.50	39.46	211.20	34.92	192.80	30.78
	-7.1	-7.6	261.60	42.85	245.60	38.65	237.60	36.71	229.50	34.85	211.20	30.84	192.80	27.18
	-3.6	-4.0	261.60	39.45	245.60	35.58	237.60	33.80	229.50	32.08	211.20	28.40	192.80	25.02
	-1.8	-2.2	261.60	37.85	245.60	34.14	237.60	32.43	229.50	30.78	211.20	27.24	192.80	24.02
	2.0	1.0	261.60	34.84	245.60	31.44	237.60	29.87	229.50	28.35	211.20	25.10	192.80	22.12
	6.0	5.0	261.60	30.83	245.60	27.81	237.60	26.42	229.50	25.09	211.20	22.22	192.80	19.59
	10.0	9.0	261.60	28.43	245.60	25.67	237.60	24.39	229.50	23.16	211.20	20.51	192.80	18.09
	13.0	12.0	261.60	27.32	245.60	24.67	237.60	23.43	229.50	22.25	211.20	19.72	192.80	17.40
	17.0	15.0	261.60	24.28	245.60	21.94	237.60	20.85	229.50	19.81	211.20	17.56	192.80	15.50
	19.0	18.0	261.60	23.37	245.60	21.12	237.60	20.07	229.50	19.07	211.20	16.92	192.80	14.93
	23.0	21.0	261.60	21.67	245.60	19.60	237.60	18.63	229.50	17.71	211.20	15.71	192.80	13.88
	26.0	24.0	261.60	20.14	245.60	18.23	237.60	17.34	229.50	16.48	211.20	14.64	192.80	12.93
	30.0	28.0	261.60	18.77	245.60	17.01	237.60	16.18	229.50	15.38	211.20	13.67	192.80	12.09
	35.0	32.0	261.60	16.99	245.60	15.41	237.60	14.67	229.50	13.96	211.20	12.42	192.80	10.99
	39.0	36.0	261.60	15.96	245.60	14.49	237.60	13.80	229.50	13.13	211.20	11.71	192.80	10.37
	44.0	40.0	261.60	15.06	245.60	13.69	237.60	13.04	229.50	12.41	211.20	11.08	192.80	9.82
	47.0	43.0	261.60	14.64	245.60	13.32	237.60	12.69	229.50	12.08	211.20	10.79	192.80	9.57
	51.0	47.0	261.60	13.91	245.60	12.68	237.60	12.08	229.50	11.51	211.20	10.29	192.80	9.13
	54.0	50.0	261.60	13.28	245.60	12.11	237.60	11.56	229.50	11.01	211.20	9.85	192.80	8.75
	57.0	53.0	261.60	12.48	245.60	11.40	237.60	10.89	229.50	10.37	211.20	9.30	192.80	8.27
	60.0	56.0	261.60	12.04	245.60	11.01	237.60	10.51	229.50	10.02	211.20	9.00	192.80	8.01

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC432S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	365.00	8.27	443.60	11.27	522.30	14.14	561.60	15.91	636.50	18.64	714.90	20.19	758.22	21.93
	10	365.00	8.70	443.60	11.73	522.30	14.64	561.60	16.40	636.50	19.13	707.82	20.60	750.70	22.27
	14	365.00	9.16	443.60	12.22	522.30	15.17	561.60	16.90	636.50	19.62	700.81	21.02	743.28	22.61
	23	365.00	9.63	443.60	12.72	522.30	15.71	561.60	17.43	636.50	20.12	693.87	21.44	735.92	22.95
	27	365.00	10.13	443.60	13.25	522.30	16.28	561.60	17.97	636.50	20.64	687.00	21.88	728.63	23.29
	32	365.00	10.67	443.60	13.79	522.30	16.86	561.60	18.53	636.50	21.17	680.20	22.33	721.42	23.64
	37	365.00	11.24	443.60	14.36	522.30	17.47	561.60	19.10	636.50	21.71	673.47	22.78	714.27	24.01
	41	365.00	11.82	443.60	14.97	522.30	18.11	561.60	19.70	636.50	22.27	666.80	23.24	707.20	24.38
	46	365.00	12.05	443.60	15.22	522.30	18.40	561.60	20.00	633.60	22.60	663.30	23.61	700.80	24.76
	50	365.00	12.27	443.60	15.49	522.30	18.71	561.60	20.32	631.70	22.93	659.00	23.88	696.40	25.15
	54	365.00	12.63	443.60	15.87	522.30	19.11	561.60	20.77	629.70	23.38	654.70	24.30	692.10	25.75
	57	365.00	13.01	443.60	16.25	522.30	19.59	561.60	21.30	627.80	24.01	650.30	24.88	687.80	26.38
	61	365.00	13.38	443.60	16.79	522.30	20.24	561.60	22.00	625.90	24.68	646.00	25.50	683.50	27.18
	64	365.00	13.94	443.60	17.37	522.30	20.92	561.60	22.75	623.00	25.53	641.70	26.35	679.20	28.27
	68	365.00	14.46	443.60	18.03	522.30	21.78	561.60	23.81	618.70	26.52	637.40	27.50	674.80	29.72
	72	365.00	15.10	443.60	18.80	522.30	22.86	559.90	24.99	614.30	27.85	633.10	28.95	670.50	31.53
	75	365.00	15.76	443.60	19.73	522.30	24.22	558.00	26.47	610.00	29.44	628.70	30.70	666.20	33.75
	79	365.00	16.56	443.60	20.90	522.30	25.80	556.10	28.15	605.70	31.36	624.40	32.81	661.90	36.29
	82	365.00	17.56	443.60	22.23	522.30	27.65	554.10	30.16	601.40	33.55	620.10	35.13	657.60	39.12
	86	365.00	18.63	443.60	23.81	522.10	29.84	552.20	32.42	597.10	35.84	615.80	37.66	644.10	41.54
	90	365.00	19.98	443.60	25.70	520.20	32.07	550.30	34.70	582.70	37.61	593.90	39.07	619.70	42.47
	93	365.00	21.57	443.60	27.90	517.50	34.24	535.30	36.05	559.00	38.70	570.50	40.18	595.20	42.12
	95	365.00	22.60	443.60	28.98	512.70	35.10	523.50	36.43	547.10	39.18	558.70	40.36	583.10	41.49
	99	365.00	24.62	443.60	31.25	489.80	35.84	499.90	37.20	523.50	39.46	535.30	40.04	558.60	40.25
	102	365.00	26.62	443.60	33.87	467.00	36.58	476.40	37.62	499.80	38.83	511.90	38.95	534.00	39.04
	106	365.00	28.90	432.80	35.68	444.10	36.90	452.80	37.36	476.10	37.77	488.20	37.90	509.50	37.87
	111	365.00	33.21	394.50	36.01	410.10	36.34	417.30	36.09	440.60	36.33	453.00	36.48	472.90	36.21
	115	355.30	35.38	368.90	35.81	387.20	35.72	393.70	35.32	416.90	35.52	429.60	35.66	448.30	35.24
	118	329.40	35.50	343.30	35.15	359.40	34.67	365.10	34.11	383.70	33.73	389.90	33.17	402.40	32.12
	120	311.30	34.78	326.30	34.31	343.00	33.90	348.20	33.27	360.50	32.13	366.70	31.59	379.40	30.54
	122	292.50	33.05	306.80	32.59	322.50	32.20	327.30	31.60	338.80	30.53	344.70	30.02	356.60	29.02
120	5	337.00	7.65	409.60	10.35	482.10	12.89	518.40	14.51	591.10	17.19	627.20	18.92	738.06	21.43
	10	337.00	8.04	409.60	10.78	482.10	13.35	518.40	14.96	591.10	17.62	627.20	19.31	730.75	21.76
	14	337.00	8.46	409.60	11.23	482.10	13.84	518.40	15.42	591.10	18.08	627.20	19.70	723.51	22.10
	23	337.00	8.91	409.60	11.69	482.10	14.34	518.40	15.91	591.10	18.54	627.20	20.09	716.35	22.44
	27	337.00	9.37	409.60	12.18	482.10	14.87	518.40	16.40	591.10	19.01	627.20	20.51	709.26	22.78
	32	337.00	9.87	409.60	12.68	482.10	15.41	518.40	16.90	591.10	19.50	627.20	20.93	702.23	23.12
	37	337.00	10.38	409.60	13.21	482.10	15.98	518.40	17.43	591.10	20.00	627.20	21.36	695.29	23.47
	41	337.00	10.92	409.60	13.75	482.10	16.56	518.40	17.97	591.10	20.51	627.20	21.79	688.40	23.82
	46	337.00	11.15	409.60	13.97	482.10	16.82	518.40	18.24	591.10	20.90	626.80	22.21	685.50	24.24
	50	337.00	11.34	409.60	14.19	482.10	17.07	518.40	18.51	591.10	21.26	624.90	22.51	682.00	24.57
	54	337.00	11.60	409.60	14.49	482.10	17.41	518.40	18.89	591.10	21.70	623.00	22.94	677.70	25.02
	57	337.00	11.91	409.60	14.82	482.10	17.81	518.40	19.32	591.10	22.31	621.10	23.51	673.40	25.59
	61	337.00	12.23	409.60	15.25	482.10	18.35	518.40	19.94	590.00	22.95	619.10	24.17	669.00	26.28
	64	337.00	12.67	409.60	15.76	482.10	18.95	518.40	20.58	588.10	23.68	617.20	24.99	664.70	27.20
	68	337.00	13.09	409.60	16.31	482.10	19.67	518.40	21.42	586.10	24.64	615.30	26.06	660.40	28.41
	72	337.00	13.63	409.60	16.98	482.10	20.58	518.40	22.50	584.20	25.87	613.40	27.45	656.10	29.95
	75	337.00	14.25	409.60	17.82	482.10	21.73	518.40	23.88	582.30	27.44	610.50	29.11	651.80	31.88
	79	337.00	14.97	409.60	18.86	482.10	23.18	518.40	25.60	580.40	29.32	606.10	31.03	647.40	34.13
	82	337.00	15.89	409.60	20.06	482.10	24.87	518.40	27.59	578.50	31.52	601.80	33.22	643.10	36.57
	86	337.00	16.86	409.60	21.48	482.10	26.84	517.80	29.82	576.50	33.89	597.50	35.51	630.20	38.56
	90	337.00	18.04	409.60	23.14	482.10	29.11	515.90	32.08	567.80	35.84	582.50	37.11	606.50	39.79
	93	337.00	19.39	409.60	25.14	482.10	31.43	513.60	34.33	546.60	36.83	559.40	38.10	582.80	40.63
	95	337.00	20.29	409.60	26.19	482.10	32.63	508.90	35.16	534.90	37.27	547.80	38.55	571.10	40.61
	99	337.00	22.14	409.60	28.33	477.20	34.68	486.90	35.86	511.80	37.98	524.80	38.99	547.40	39.74
	102	337.00	24.06	409.60	30.66	460.60	35.79	465.20	36.44	488.70	38.01	501.70	38.54	523.70	38.61
	106	337.00	26.19	409.60	33.34	436.80	36.11	443.30	36.66	465.60	37.27	478.70	37.50	500.00	37.52
	111	337.00	29.99	388.80	35.22	401.30	35.72	410.60	35.95	430.80	35.92	444.00	36.16	464.60	36.01
	115	337.00	32.90	365.90	35.29	377.70	35.05	388.80	35.44	407.70	35.21	420.80	35.40	440.90	35.14
	118	325.00	34.48	337.90	34.39	349.20	33.92	361.90	34.51	374.70	33.44	381.50	32.96	395.00	32.00
	120	305.90	33.54	321.30	33.66	332.40	33.11	338.50	32.86	351.50	31.84	358.30	31.38	372.00	30.44
	122	287.60	31.87	302.00	31.97	312.60	31.46	318.30	31.21	330.50	30.24	336.90	29.81	349.80	28.92

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC432S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	308.90	7.00	375.40	9.41	442.00	11.70	475.20	13.14	541.80	15.56	575.00	17.18	641.50	19.90
	10	308.90	7.38	375.40	9.80	442.00	12.12	475.20	13.55	541.80	15.95	575.00	17.53	641.50	20.21
	14	308.90	7.77	375.40	10.21	442.00	12.57	475.20	13.97	541.80	16.37	575.00	17.88	641.50	20.52
	23	308.90	8.18	375.40	10.63	442.00	13.03	475.20	14.39	541.80	16.79	575.00	18.23	641.50	20.83
	27	308.90	8.60	375.40	11.08	442.00	13.49	475.20	14.84	541.80	17.22	575.00	18.61	641.50	21.14
	32	308.90	9.06	375.40	11.54	442.00	13.98	475.20	15.30	541.80	17.67	575.00	18.99	641.50	21.46
	37	308.90	9.53	375.40	12.03	442.00	14.48	475.20	15.76	541.80	18.13	575.00	19.38	641.50	21.78
	41	308.90	10.03	375.40	12.53	442.00	15.01	475.20	16.25	541.80	18.59	575.00	19.77	641.50	22.12
	46	308.90	10.24	375.40	12.75	442.00	15.24	475.20	16.50	541.80	18.89	575.00	20.10	641.50	22.53
	50	308.90	10.41	375.40	12.93	442.00	15.45	475.20	16.73	541.80	19.17	575.00	20.41	640.90	22.90
	54	308.90	10.60	375.40	13.16	442.00	15.73	475.20	17.04	541.80	19.56	575.00	20.84	639.00	23.33
	57	308.90	10.83	375.40	13.43	442.00	16.07	475.20	17.40	541.80	20.04	575.00	21.37	637.10	23.86
	61	308.90	11.10	375.40	13.77	442.00	16.51	475.20	17.92	541.80	20.63	575.00	22.01	635.20	24.55
	64	308.90	11.43	375.40	14.17	442.00	17.02	475.20	18.50	541.80	21.32	575.00	22.81	633.20	25.43
	68	308.90	11.75	375.40	14.61	442.00	17.64	475.20	19.18	541.80	22.21	574.40	23.78	631.30	26.56
	72	308.90	12.18	375.40	15.22	442.00	18.40	475.20	20.06	541.80	23.33	572.50	24.91	629.40	27.96
	75	308.90	12.75	375.40	15.93	442.00	19.38	475.20	21.18	541.80	24.79	570.50	26.39	627.50	29.74
	79	308.90	13.42	375.40	16.86	442.00	20.61	475.20	22.71	540.20	26.50	568.60	28.23	623.80	31.80
	82	308.90	14.25	375.40	17.95	442.00	22.20	475.20	24.56	538.30	28.51	566.70	30.35	619.40	34.02
	86	308.90	15.16	375.40	19.25	442.00	24.00	475.20	26.67	536.40	30.70	564.80	32.65	615.10	36.34
	90	308.90	16.18	375.40	20.74	442.00	26.03	475.20	28.94	534.50	33.02	562.90	35.05	592.70	37.24
	93	308.90	17.35	375.40	22.47	442.00	28.26	475.20	31.38	532.60	35.36	543.70	36.04	569.90	38.14
	95	308.90	18.07	375.40	23.43	442.00	29.41	474.60	32.54	522.00	35.71	532.70	36.42	558.60	38.59
	99	308.90	19.71	375.40	25.49	442.00	31.75	470.50	34.54	500.60	36.40	510.70	37.12	535.80	38.86
	102	308.90	21.52	375.40	27.66	442.00	34.22	455.00	35.54	479.40	36.96	488.90	37.42	513.00	38.12
	106	308.90	23.57	375.40	30.01	433.30	35.83	433.20	35.82	458.10	36.94	467.00	36.90	490.40	37.14
	111	308.90	27.00	375.40	33.79	400.30	35.91	400.50	35.48	426.30	36.03	434.10	35.75	456.30	35.79
	115	308.90	29.40	366.90	35.36	378.50	35.63	378.80	35.00	404.90	35.56	412.20	35.15	433.50	35.03
	118	303.80	31.36	332.70	33.76	345.60	33.97	351.90	34.10	365.70	33.17	372.90	32.73	387.60	31.91
	120	292.50	31.27	309.50	32.09	321.80	32.30	328.50	32.45	342.60	31.57	349.90	31.15	364.40	30.35
	122	274.90	29.70	290.90	30.49	302.40	30.68	308.70	30.82	322.00	30.00	328.90	29.60	342.50	28.83
100	5	280.80	6.37	341.30	8.48	401.80	10.50	432.00	11.75	492.50	13.96	522.70	15.43	583.20	17.91
	10	280.80	6.71	341.30	8.83	401.80	10.88	432.00	12.12	492.50	14.31	522.70	15.74	583.20	18.18
	14	280.80	7.06	341.30	9.20	401.80	11.27	432.00	12.50	492.50	14.69	522.70	16.05	583.20	18.45
	23	280.80	7.44	341.30	9.58	401.80	11.68	432.00	12.88	492.50	15.07	522.70	16.37	583.20	18.73
	27	280.80	7.83	341.30	9.99	401.80	12.10	432.00	13.27	492.50	15.45	522.70	16.71	583.20	19.01
	32	280.80	8.25	341.30	10.41	401.80	12.55	432.00	13.68	492.50	15.84	522.70	17.05	583.20	19.29
	37	280.80	8.68	341.30	10.84	401.80	13.00	432.00	14.10	492.50	16.25	522.70	17.40	583.20	19.59
	41	280.80	9.14	341.30	11.29	401.80	13.46	432.00	14.55	492.50	16.67	522.70	17.75	583.20	19.89
	46	280.80	9.35	341.30	11.50	401.80	13.68	432.00	14.75	492.50	16.92	522.70	18.00	583.20	20.16
	50	280.80	9.49	341.30	11.65	401.80	13.84	432.00	14.93	492.50	17.13	522.70	18.22	583.20	20.44
	54	280.80	9.61	341.30	11.81	401.80	14.07	432.00	15.21	492.50	17.44	522.70	18.57	583.20	20.88
	57	280.80	9.77	341.30	12.04	401.80	14.34	432.00	15.51	492.50	17.84	522.70	19.00	583.20	21.35
	61	280.80	9.97	341.30	12.31	401.80	14.71	432.00	15.95	492.50	18.31	522.70	19.51	583.20	21.98
	64	280.80	10.20	341.30	12.63	401.80	15.14	432.00	16.44	492.50	18.91	522.70	20.16	583.20	22.79
	68	280.80	10.43	341.30	12.97	401.80	15.66	432.00	17.03	492.50	19.63	522.70	21.00	583.20	23.87
	72	280.80	10.75	341.30	13.47	401.80	16.29	432.00	17.74	492.50	20.55	522.70	22.04	583.20	25.15
	75	280.80	11.25	341.30	14.10	401.80	17.11	432.00	18.66	492.50	21.74	522.70	23.36	583.20	26.71
	79	280.80	11.89	341.30	14.91	401.80	18.15	432.00	19.88	492.50	23.26	522.70	25.05	583.20	28.76
	82	280.80	12.65	341.30	15.89	401.80	19.54	432.00	21.58	492.50	25.25	522.70	27.14	583.20	31.05
	86	280.80	13.47	341.30	17.05	401.80	21.25	432.00	23.59	492.50	27.40	522.70	29.38	583.20	33.50
	90	280.80	14.35	341.30	18.43	401.80	23.10	432.00	25.69	492.50	29.71	522.70	31.80	573.80	35.19
	93	280.80	15.37	341.30	19.94	401.80	25.10	432.00	28.00	492.50	32.17	522.70	34.23	558.00	36.26
	95	280.80	15.96	341.30	20.76	401.80	26.25	432.00	29.24	492.50	33.34	518.10	34.98	547.10	36.53
	99	280.80	17.32	341.30	22.68	401.80	28.55	432.00	31.55	484.10	34.85	502.40	35.92	525.10	37.16
	102	280.80	19.00	341.30	24.79	401.80	30.76	432.00	33.78	469.60	35.81	480.50	36.33	503.20	37.43
	106	280.80	21.01	341.30	26.94	401.80	33.01	422.90	35.13	448.60	36.14	458.60	36.41	481.20	36.79
	111	280.80	24.15	341.30	30.21	393.40	35.53	390.50	34.94	417.10	35.69	425.70	35.50	448.10	35.58
	115	280.80	26.21	341.30	32.40	374.10	35.62	368.90	34.56	396.30	35.29	403.80	34.92	426.10	34.93
	118	280.80	28.23	319.70	32.21	335.00	33.16	341.90	33.67	357.00	32.88	364.50	32.52	380.00	31.81
	120	273.90	28.41	297.70	30.51	311.40	31.51	318.50	32.04	333.60	31.27	341.30	30.93	357.10	30.25
	122	257.40	26.98	279.80	28.99	292.70	29.94	299.30	30.44	313.60	29.70	320.90	29.39	335.60	28.74

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC432S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	252.70	5.76	307.10	7.62	361.50	9.38	388.80	10.49	443.20	12.44	470.50	13.72	524.90	15.90
	10	252.70	6.06	307.10	7.93	361.50	9.72	388.80	10.82	443.20	12.75	470.50	13.99	524.90	16.14
	14	252.70	6.37	307.10	8.27	361.50	10.07	388.80	11.16	443.20	13.09	470.50	14.27	524.90	16.38
	23	252.70	6.71	307.10	8.61	361.50	10.44	388.80	11.50	443.20	13.43	470.50	14.57	524.90	16.62
	27	252.70	7.06	307.10	8.96	361.50	10.82	388.80	11.85	443.20	13.77	470.50	14.87	524.90	16.88
	32	252.70	7.44	307.10	9.34	361.50	11.21	388.80	12.22	443.20	14.12	470.50	15.18	524.90	17.14
	37	252.70	7.83	307.10	9.72	361.50	11.62	388.80	12.60	443.20	14.47	470.50	15.49	524.90	17.41
	41	252.70	8.25	307.10	10.13	361.50	12.04	388.80	12.98	443.20	14.85	470.50	15.80	524.90	17.68
	46	252.70	8.43	307.10	10.34	361.50	12.23	388.80	13.17	443.20	15.07	470.50	16.00	524.90	17.90
	50	252.70	8.57	307.10	10.48	361.50	12.38	388.80	13.35	443.20	15.23	470.50	16.19	524.90	18.11
	54	252.70	8.71	307.10	10.63	361.50	12.57	388.80	13.55	443.20	15.47	470.50	16.46	524.90	18.42
	57	252.70	8.86	307.10	10.82	361.50	12.80	388.80	13.81	443.20	15.78	470.50	16.81	524.90	18.85
	61	252.70	9.05	307.10	11.06	361.50	13.11	388.80	14.14	443.20	16.20	470.50	17.24	524.90	19.34
	64	252.70	9.25	307.10	11.33	361.50	13.47	388.80	14.56	443.20	16.69	470.50	17.77	524.90	20.00
	68	252.70	9.45	307.10	11.63	361.50	13.90	388.80	15.07	443.20	17.31	470.50	18.47	524.90	20.86
	72	252.70	9.74	307.10	12.06	361.50	14.45	388.80	15.69	443.20	18.10	470.50	19.35	524.90	21.97
	75	252.70	10.16	307.10	12.60	361.50	15.14	388.80	16.44	443.20	19.06	470.50	20.43	524.90	23.26
	79	252.70	10.67	307.10	13.28	361.50	16.00	388.80	17.42	443.20	20.26	470.50	21.71	524.90	24.71
	82	252.70	11.31	307.10	14.08	361.50	17.07	388.80	18.67	443.20	21.72	470.50	23.29	524.90	26.58
	86	252.70	11.99	307.10	15.04	361.50	18.42	388.80	20.24	443.20	23.45	470.50	25.14	524.90	28.65
	90	252.70	12.75	307.10	16.16	361.50	19.92	388.80	21.94	443.20	25.37	470.50	27.14	524.90	30.81
	93	252.70	13.64	307.10	17.46	361.50	21.59	388.80	23.76	443.20	27.44	470.50	29.30	524.90	33.03
	95	252.70	14.18	307.10	18.18	361.50	22.51	388.80	24.82	443.20	28.53	470.50	30.38	524.90	34.13
	99	252.70	15.43	307.10	19.82	361.50	24.53	388.80	26.98	443.20	30.69	470.50	32.59	515.40	35.52
	102	252.70	16.98	307.10	21.70	361.50	26.60	388.80	29.12	443.20	32.94	466.00	34.45	493.90	35.98
	106	252.70	18.71	307.10	23.59	361.50	28.73	388.80	31.40	438.50	34.91	451.40	35.50	472.40	36.34
	111	252.70	21.47	307.10	26.75	361.50	32.35	384.90	34.80	409.80	35.56	420.90	35.71	440.20	35.54
	115	252.70	23.45	307.10	29.03	354.50	33.99	369.10	35.40	385.70	34.92	400.70	35.38	418.50	34.98
	118	252.70	25.57	290.70	29.46	316.20	31.79	327.70	32.85	345.30	32.41	354.30	32.21	372.60	31.86
	120	242.40	25.54	269.90	28.07	292.40	30.14	304.10	31.20	322.10	30.80	331.20	30.63	349.70	30.30
	122	227.90	24.26	253.80	26.68	274.80	28.63	285.80	29.65	302.70	29.25	311.40	29.11	328.80	28.79
80	5	224.60	4.94	272.90	6.51	321.40	7.96	345.60	8.89	393.90	10.52	418.30	11.58	466.60	13.43
	10	224.60	5.24	272.90	6.81	321.40	8.30	345.60	9.22	393.90	10.86	418.30	11.88	466.60	13.70
	14	224.60	5.54	272.90	7.12	321.40	8.64	345.60	9.56	393.90	11.20	418.30	12.19	466.60	13.98
	23	224.60	5.85	272.90	7.46	321.40	9.01	345.60	9.90	393.90	11.54	418.30	12.50	466.60	14.26
	27	224.60	6.19	272.90	7.81	321.40	9.39	345.60	10.25	393.90	11.89	418.30	12.81	466.60	14.54
	32	224.60	6.56	272.90	8.18	321.40	9.77	345.60	10.63	393.90	12.27	418.30	13.15	466.60	14.84
	37	224.60	6.94	272.90	8.56	321.40	10.18	345.60	11.01	393.90	12.65	418.30	13.49	466.60	15.15
	41	224.60	7.35	272.90	8.97	321.40	10.60	345.60	11.42	393.90	13.04	418.30	13.84	466.60	15.46
	46	224.60	7.53	272.90	9.16	321.40	10.78	345.60	11.60	393.90	13.23	418.30	14.03	466.60	15.65
	50	224.60	7.67	272.90	9.30	321.40	10.92	345.60	11.75	393.90	13.37	418.30	14.18	466.60	15.81
	54	224.60	7.81	272.90	9.44	321.40	11.07	345.60	11.90	393.90	13.56	418.30	14.37	466.60	16.04
	57	224.60	7.93	272.90	9.59	321.40	11.26	345.60	12.09	393.90	13.79	418.30	14.64	466.60	16.36
	61	224.60	8.11	272.90	9.81	321.40	11.52	345.60	12.39	393.90	14.12	418.30	15.02	466.60	16.80
	64	224.60	8.30	272.90	10.05	321.40	11.83	345.60	12.71	393.90	14.54	418.30	15.46	466.60	17.35
	68	224.60	8.47	272.90	10.30	321.40	12.19	345.60	13.14	393.90	15.05	418.30	16.02	466.60	18.02
	72	224.60	8.69	272.90	10.66	321.40	12.66	345.60	13.68	393.90	15.72	418.30	16.76	466.60	18.93
	75	224.60	9.03	272.90	11.09	321.40	13.23	345.60	14.30	393.90	16.52	418.30	17.68	466.60	20.08
	79	224.60	9.43	272.90	11.64	321.40	13.94	345.60	15.12	393.90	17.53	418.30	18.75	466.60	21.31
	82	224.60	9.91	272.90	12.30	321.40	14.80	345.60	16.08	393.90	18.61	418.30	19.93	466.60	22.59
	86	224.60	10.46	272.90	13.08	321.40	15.78	345.60	17.18	393.90	19.91	418.30	21.34	466.60	24.30
	90	224.60	11.10	272.90	13.95	321.40	16.95	345.60	18.50	393.90	21.44	418.30	22.97	466.60	26.15
	93	224.60	11.87	272.90	15.03	321.40	18.28	345.60	19.95	393.90	23.11	418.30	24.74	466.60	28.06
	95	224.60	12.36	272.90	15.61	321.40	19.01	345.60	20.76	393.90	24.01	418.30	25.68	466.60	29.04
	99	224.60	13.50	272.90	17.04	321.40	20.68	345.60	22.54	393.90	25.91	418.30	27.62	466.60	31.04
	102	224.60	14.87	272.90	18.61	321.40	22.50	345.60	24.51	393.90	27.96	418.30	29.69	466.60	33.12
	106	224.60	16.26	272.90	20.24	321.40	24.48	345.60	26.66	393.90	30.18	418.30	31.92	461.70	34.87
	111	224.60	18.75	272.90	23.27	321.40	28.00	345.60	30.43	393.90	34.11	412.80	35.25	434.10	35.80
	115	224.60	20.66	272.90	25.58	321.40	30.71	345.60	33.35	378.30	34.89	389.90	34.99	411.10	35.03
	118	224.60	22.96	262.20	26.84	296.50	30.31	313.20	32.00	333.80	31.92	344.20	31.91	365.20	31.91
	120	209.00	22.34	241.40	25.58	273.50	28.77	289.60	30.35	310.50	30.31	321.00	30.32	342.30	30.33
	122	196.50	21.23	226.90	24.31	257.10	27.32	272.20	28.83	291.90	28.79	301.80	28.80	321.80	28.81

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC432S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	196.60	4.37	239.00	5.70	281.20	6.95	302.40	7.74	344.80	9.10	365.80	9.99	408.20	11.53
	10	196.60	4.63	239.00	5.97	281.20	7.25	302.40	8.01	344.80	9.37	365.80	10.25	408.20	11.76
	14	196.60	4.90	239.00	6.24	281.20	7.55	302.40	8.31	344.80	9.67	365.80	10.52	408.20	12.00
	23	196.60	5.19	239.00	6.54	281.20	7.86	302.40	8.61	344.80	9.97	365.80	10.79	408.20	12.24
	27	196.60	5.49	239.00	6.84	281.20	8.19	302.40	8.92	344.80	10.28	365.80	11.06	408.20	12.48
	32	196.60	5.80	239.00	7.17	281.20	8.53	302.40	9.25	344.80	10.59	365.80	11.34	408.20	12.74
	37	196.60	6.14	239.00	7.51	281.20	8.88	302.40	9.59	344.80	10.93	365.80	11.64	408.20	13.01
	41	196.60	6.49	239.00	7.86	281.20	9.25	302.40	9.93	344.80	11.27	365.80	11.94	408.20	13.28
	46	196.60	6.64	239.00	8.01	281.20	9.41	302.40	10.11	344.80	11.45	365.80	12.12	408.20	13.46
	50	196.60	6.75	239.00	8.15	281.20	9.54	302.40	10.23	344.80	11.57	365.80	12.26	408.20	13.61
	54	196.60	6.88	239.00	8.26	281.20	9.66	302.40	10.37	344.80	11.72	365.80	12.41	408.20	13.77
	57	196.60	6.99	239.00	8.40	281.20	9.81	302.40	10.52	344.80	11.91	365.80	12.61	408.20	14.01
	61	196.60	7.12	239.00	8.56	281.20	10.00	302.40	10.72	344.80	12.17	365.80	12.89	408.20	14.36
	64	196.60	7.30	239.00	8.77	281.20	10.26	302.40	10.99	344.80	12.50	365.80	13.26	408.20	14.80
	68	196.60	7.43	239.00	8.99	281.20	10.55	302.40	11.34	344.80	12.92	365.80	13.72	408.20	15.35
	72	196.60	7.61	239.00	9.26	281.20	10.93	302.40	11.77	344.80	13.44	365.80	14.31	408.20	16.04
	75	196.60	7.85	239.00	9.62	281.20	11.40	302.40	12.31	344.80	14.11	365.80	15.04	408.20	16.98
	79	196.60	8.14	239.00	10.03	281.20	11.95	302.40	12.93	344.80	14.93	365.80	15.95	408.20	18.07
	82	196.60	8.50	239.00	10.55	281.20	12.65	302.40	13.71	344.80	15.83	365.80	16.94	408.20	19.16
	86	196.60	8.91	239.00	11.13	281.20	13.38	302.40	14.51	344.80	16.79	365.80	17.96	408.20	20.37
	90	196.60	9.45	239.00	11.80	281.20	14.25	302.40	15.49	344.80	17.97	365.80	19.25	408.20	21.93
	93	196.60	10.05	239.00	12.64	281.20	15.28	302.40	16.60	344.80	19.32	365.80	20.73	408.20	23.59
	95	196.60	10.46	239.00	13.14	281.20	15.89	302.40	17.28	344.80	20.09	365.80	21.53	408.20	24.45
	99	196.60	11.39	239.00	14.31	281.20	17.25	302.40	18.72	344.80	21.68	365.80	23.20	408.20	26.22
	102	196.60	12.59	239.00	15.66	281.20	18.80	302.40	20.42	344.80	23.50	365.80	25.02	408.20	28.08
	106	196.60	13.77	239.00	17.11	281.20	20.59	302.40	22.37	344.80	25.46	365.80	26.99	408.20	29.98
	111	196.60	15.89	239.00	19.77	281.20	23.74	302.40	25.75	344.80	28.78	365.80	30.29	408.20	33.25
	115	196.60	17.76	239.00	21.96	281.20	26.25	302.40	28.42	344.40	31.47	362.90	32.75	393.40	34.37
	118	196.60	20.14	233.60	24.23	271.70	28.37	291.00	30.46	314.40	30.96	326.00	31.13	348.60	31.41
	120	180.60	20.51	215.70	23.98	251.30	27.46	269.20	29.23	291.50	29.46	302.90	29.57	325.60	29.85
	122	169.80	19.49	202.80	22.78	236.20	26.08	253.00	27.77	274.00	28.00	284.70	28.08	306.10	28.36
60	5	168.50	3.65	204.80	4.73	241.10	5.77	259.20	6.42	295.50	7.21	313.60	7.59	349.90	8.39
	10	168.50	3.88	204.80	4.99	241.10	6.04	259.20	6.69	295.50	7.51	313.60	7.90	349.90	8.74
	14	168.50	4.14	204.80	5.25	241.10	6.33	259.20	6.96	295.50	7.82	313.60	8.24	349.90	9.10
	23	168.50	4.40	204.80	5.52	241.10	6.63	259.20	7.26	295.50	8.15	313.60	8.58	349.90	9.48
	27	168.50	4.67	204.80	5.82	241.10	6.94	259.20	7.56	295.50	8.49	313.60	8.93	349.90	9.87
	32	168.50	4.97	204.80	6.12	241.10	7.27	259.20	7.87	295.50	8.84	313.60	9.31	349.90	10.29
	37	168.50	5.28	204.80	6.45	241.10	7.61	259.20	8.20	295.50	9.22	313.60	9.70	349.90	10.72
	41	168.50	5.62	204.80	6.79	241.10	7.96	259.20	8.54	295.50	9.60	313.60	10.11	349.90	11.17
	46	168.50	5.75	204.80	6.93	241.10	8.10	259.20	8.68	295.50	9.75	313.60	10.26	349.90	11.34
	50	168.50	5.83	204.80	7.01	241.10	8.19	259.20	8.79	295.50	9.86	313.60	10.40	349.90	11.45
	54	168.50	5.91	204.80	7.12	241.10	8.30	259.20	8.91	295.50	9.98	313.60	10.52	349.90	11.60
	57	168.50	6.01	204.80	7.23	241.10	8.44	259.20	9.05	295.50	10.14	313.60	10.68	349.90	11.79
	61	168.50	6.10	204.80	7.35	241.10	8.59	259.20	9.20	295.50	10.33	313.60	10.90	349.90	12.03
	64	168.50	6.25	204.80	7.50	241.10	8.78	259.20	9.43	295.50	10.59	313.60	11.18	349.90	12.37
	68	168.50	6.40	204.80	7.69	241.10	9.01	259.20	9.67	295.50	10.92	313.60	11.55	349.90	12.84
	72	168.50	6.52	204.80	7.89	241.10	9.29	259.20	9.98	295.50	11.31	313.60	11.98	349.90	13.35
	75	168.50	6.69	204.80	8.17	241.10	9.65	259.20	10.41	295.50	11.83	313.60	12.57	349.90	14.05
	79	168.50	6.88	204.80	8.47	241.10	10.09	259.20	10.89	295.50	12.46	313.60	13.28	349.90	14.91
	82	168.50	7.14	204.80	8.86	241.10	10.60	259.20	11.50	295.50	13.20	313.60	14.07	349.90	15.86
	86	168.50	7.45	204.80	9.30	241.10	11.15	259.20	12.11	295.50	13.95	313.60	14.90	349.90	16.85
	90	168.50	7.85	204.80	9.80	241.10	11.80	259.20	12.81	295.50	14.84	313.60	15.88	349.90	18.05
	93	168.50	8.27	204.80	10.39	241.10	12.56	259.20	13.62	295.50	15.90	313.60	17.06	349.90	19.42
	95	168.50	8.61	204.80	10.80	241.10	13.04	259.20	14.19	295.50	16.55	313.60	17.75	349.90	20.19
	99	168.50	9.29	204.80	11.73	241.10	14.22	259.20	15.47	295.50	17.96	313.60	19.21	349.90	21.79
	102	168.50	10.30	204.80	12.89	241.10	15.53	259.20	16.85	295.50	19.49	313.60	20.81	349.90	23.45
	106	168.50	11.34	204.80	14.19	241.10	17.12	259.20	18.63	295.50	21.29	313.60	22.59	349.90	25.19
	111	168.50	13.16	204.80	16.48	241.10	19.88	259.20	21.59	295.50	24.16	313.60	25.42	349.90	27.88
	115	168.50	14.65	204.80	18.27	241.10	21.90	259.20	23.74	295.50	26.26	313.60	27.50	349.90	29.87
	118	168.50	16.86	203.80	20.64	240.50	24.45	259.20	26.35	285.80	28.50	298.50	29.27	322.80	30.22
	120	159.60	18.21	192.30	21.82	225.50	25.45	242.60	27.29	265.20	27.99	276.70	28.30	299.80	28.83
	122	149.90	17.30	180.80	20.73	211.90	24.17	228.10	25.93	249.40	26.60	260.20	26.88	281.70	27.38

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC432S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	140.40	3.09	170.60	4.00	200.90	4.84	216.00	5.39	246.20	5.94	261.40	6.22	291.60	6.81
	10	140.40	3.28	170.60	4.22	200.90	5.07	216.00	5.62	246.20	6.20	261.40	6.48	291.60	7.09
	14	140.40	3.50	170.60	4.44	200.90	5.30	216.00	5.85	246.20	6.46	261.40	6.75	291.60	7.39
	23	140.40	3.72	170.60	4.67	200.90	5.56	216.00	6.08	246.20	6.73	261.40	7.02	291.60	7.70
	27	140.40	3.95	170.60	4.90	200.90	5.82	216.00	6.34	246.20	7.00	261.40	7.32	291.60	8.01
	32	140.40	4.21	170.60	5.16	200.90	6.09	216.00	6.60	246.20	7.30	261.40	7.63	291.60	8.35
	37	140.40	4.48	170.60	5.43	200.90	6.38	216.00	6.87	246.20	7.60	261.40	7.94	291.60	8.70
	41	140.40	4.77	170.60	5.72	200.90	6.68	216.00	7.16	246.20	7.91	261.40	8.28	291.60	9.05
	46	140.40	4.88	170.60	5.83	200.90	6.78	216.00	7.27	246.20	8.03	261.40	8.43	291.60	9.21
	50	140.40	4.92	170.60	5.90	200.90	6.86	216.00	7.35	246.20	8.14	261.40	8.54	291.60	9.32
	54	140.40	4.99	170.60	5.98	200.90	6.97	216.00	7.47	246.20	8.25	261.40	8.66	291.60	9.44
	57	140.40	5.04	170.60	6.06	200.90	7.08	216.00	7.58	246.20	8.37	261.40	8.78	291.60	9.59
	61	140.40	5.12	170.60	6.14	200.90	7.19	216.00	7.70	246.20	8.52	261.40	8.93	291.60	9.76
	64	140.40	5.23	170.60	6.28	200.90	7.32	216.00	7.85	246.20	8.71	261.40	9.13	291.60	9.99
	68	140.40	5.34	170.60	6.41	200.90	7.50	216.00	8.04	246.20	8.96	261.40	9.44	291.60	10.40
	72	140.40	5.46	170.60	6.57	200.90	7.70	216.00	8.27	246.20	9.27	261.40	9.80	291.60	10.81
	75	140.40	5.55	170.60	6.74	200.90	7.94	216.00	8.55	246.20	9.65	261.40	10.20	291.60	11.31
	79	140.40	5.70	170.60	6.98	200.90	8.30	216.00	8.98	246.20	10.14	261.40	10.75	291.60	11.95
	82	140.40	5.84	170.60	7.24	200.90	8.67	216.00	9.41	246.20	10.70	261.40	11.36	291.60	12.71
	86	140.40	6.05	170.60	7.55	200.90	9.08	216.00	9.84	246.20	11.29	261.40	12.03	291.60	13.55
	90	140.40	6.35	170.60	7.92	200.90	9.51	216.00	10.30	246.20	11.95	261.40	12.78	291.60	14.50
	93	140.40	6.63	170.60	8.32	200.90	10.02	216.00	10.88	246.20	12.74	261.40	13.67	291.60	15.59
	95	140.40	6.85	170.60	8.58	200.90	10.34	216.00	11.21	246.20	13.18	261.40	14.18	291.60	16.20
	99	140.40	7.43	170.60	9.33	200.90	11.31	216.00	12.33	246.20	14.40	261.40	15.44	291.60	17.54
	102	140.40	8.14	170.60	10.29	200.90	12.46	216.00	13.56	246.20	15.73	261.40	16.81	291.60	19.03
	106	140.40	9.10	170.60	11.38	200.90	13.77	216.00	15.00	246.20	17.27	261.40	18.40	291.60	20.64
	111	140.40	10.69	170.60	13.45	200.90	16.28	216.00	17.73	246.20	19.90	261.40	20.97	291.60	23.09
	115	140.40	11.93	170.60	14.91	200.90	17.98	216.00	19.54	246.20	21.64	261.40	22.69	291.60	24.72
	118	140.40	13.47	170.60	16.78	200.90	19.97	216.00	21.54	246.20	23.58	261.40	24.55	291.60	26.40
	120	140.40	14.84	170.60	18.06	200.90	21.23	216.00	22.82	237.80	24.70	249.50	25.59	274.00	27.27
	122	140.40	15.87	170.60	19.32	200.90	22.71	216.00	24.41	237.80	26.44	237.00	25.09	260.40	26.73

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC432S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	371.10	36.24	362.10	38.44	357.80	39.29	353.40	40.49	343.10	42.68	333.00	45.23
	-17.8	-18.0	400.60	37.94	391.70	40.14	387.40	40.99	383.00	42.20	372.70	44.38	362.60	46.93
	-12.6	-13.0	444.90	40.49	436.20	42.68	431.60	43.53	427.30	44.73	417.20	46.93	407.10	49.48
	-7.1	-7.6	489.40	43.03	480.50	45.23	476.10	46.08	471.80	47.28	461.50	49.48	451.40	52.04
	-3.6	-4.0	519.00	44.73	510.10	46.93	505.70	47.78	501.40	48.98	491.10	51.19	474.20	53.24
	-1.8	-2.2	533.70	45.58	525.00	47.78	520.40	48.63	516.10	49.84	506.00	52.04	481.40	53.59
	2.0	1.0	563.30	47.28	554.60	49.48	550.00	50.34	545.60	51.54	527.00	53.24	486.70	53.59
	6.0	5.0	607.80	49.84	598.90	52.04	591.90	52.89	578.80	53.59	537.40	53.59	495.10	53.59
	10.0	9.0	637.40	51.54	619.50	53.24	603.70	53.59	584.30	53.59	542.90	53.59	500.60	53.59
	13.0	12.0	652.10	52.39	623.90	53.59	606.40	53.59	587.00	53.59	545.60	53.59	503.30	53.59
	17.0	15.0	670.00	53.59	632.10	53.59	614.70	53.59	595.40	53.59	554.00	53.59	511.70	53.59
	19.0	18.0	672.80	53.59	635.00	53.59	617.40	53.59	598.00	53.59	556.60	53.59	514.40	53.59
	23.0	21.0	678.20	53.59	640.50	53.59	622.90	53.59	603.60	53.59	562.20	53.59	519.90	53.59
	26.0	24.0	683.70	53.59	645.80	53.59	628.50	53.59	609.10	53.59	567.70	53.59	525.40	53.59
	30.0	28.0	689.20	53.59	651.40	53.59	634.00	53.59	614.60	53.59	573.20	53.59	528.90	51.33
	35.0	32.0	697.60	53.59	659.70	53.59	642.20	53.59	622.80	53.59	579.60	51.67	530.70	47.13
	39.0	36.0	702.90	53.59	665.30	53.59	647.70	53.59	628.30	52.87	581.30	49.56	530.70	43.82
	44.0	40.0	708.50	53.59	670.60	53.59	651.20	52.19	630.10	50.73	581.30	46.12	530.70	40.86
	47.0	43.0	711.30	53.59	673.50	52.53	652.10	51.13	630.90	49.75	581.30	44.54	530.70	39.50
	51.0	47.0	716.90	53.25	675.20	50.51	653.80	48.89	631.80	46.58	581.30	41.70	530.70	37.07
	54.0	50.0	718.60	51.21	676.10	47.95	653.80	45.78	631.80	43.66	581.30	39.16	530.70	34.92
	57.0	53.0	720.30	47.68	676.10	43.66	653.80	41.74	631.80	39.86	581.30	35.91	530.70	32.13
	60.0	56.0	720.30	44.90	676.10	41.19	653.80	39.42	631.80	37.70	581.30	34.07	530.70	30.57
120	-21.8	-22.0	359.90	38.79	351.70	40.49	347.70	41.35	343.70	42.20	334.30	44.38	325.00	46.43
	-17.8	-18.0	389.50	40.49	381.30	42.20	377.30	43.03	373.30	43.88	363.90	46.08	354.60	48.13
	-12.6	-13.0	433.80	43.03	425.80	44.73	421.60	45.58	417.60	46.43	408.20	48.63	398.90	50.69
	-7.1	-7.6	478.30	45.58	470.10	47.28	466.10	48.13	462.00	48.98	452.70	51.19	440.10	53.24
	-3.6	-4.0	507.90	47.28	499.70	48.98	495.60	49.84	491.60	50.69	479.90	52.89	450.60	53.59
	-1.8	-2.2	522.60	48.13	514.60	49.84	510.30	50.69	506.30	51.54	488.40	53.24	453.30	53.59
	2.0	1.0	552.20	49.84	544.20	51.54	539.90	52.39	529.90	53.24	495.40	53.59	458.80	53.59
	6.0	5.0	596.70	52.39	576.50	53.59	558.90	53.59	542.10	53.59	503.60	53.59	467.20	53.59
	10.0	9.0	614.50	53.59	582.00	53.59	564.40	53.59	547.60	53.59	509.10	53.59	472.80	53.59
	13.0	12.0	617.40	53.59	584.90	53.59	567.00	53.59	550.30	53.59	512.00	53.59	475.40	53.59
	17.0	15.0	625.60	53.59	593.00	53.59	575.40	53.59	558.50	53.59	520.10	53.59	483.60	53.59
	19.0	18.0	628.30	53.59	595.70	53.59	578.10	53.59	561.40	53.59	523.00	53.59	486.50	53.39
	23.0	21.0	633.80	53.59	601.20	53.59	583.60	53.59	566.90	53.59	528.50	53.59	488.20	51.03
	26.0	24.0	639.30	53.59	606.80	53.59	589.20	53.59	572.40	53.59	533.90	52.43	489.90	48.27
	30.0	28.0	644.90	53.59	612.30	53.59	594.70	53.59	577.90	53.59	535.60	50.21	489.90	44.70
	35.0	32.0	653.00	53.59	620.50	53.29	601.10	51.77	582.30	50.33	536.50	45.27	489.90	39.98
	39.0	36.0	658.60	53.59	622.20	51.07	602.80	49.67	583.20	47.27	536.50	42.10	489.90	37.25
	44.0	40.0	662.30	51.69	623.90	48.56	603.70	46.22	583.20	43.99	536.50	39.24	489.90	34.78
	47.0	43.0	663.20	50.65	623.90	46.86	603.70	44.63	583.20	42.48	536.50	37.94	489.90	33.67
	51.0	47.0	664.90	48.06	623.90	43.79	603.70	41.75	583.20	39.78	536.50	35.61	489.90	31.67
	54.0	50.0	664.90	44.99	623.90	41.04	603.70	39.17	583.20	37.36	536.50	33.54	489.90	29.90
	57.0	53.0	664.90	41.00	623.90	37.50	603.70	35.85	583.20	34.26	536.50	30.87	489.90	27.62
	60.0	56.0	664.90	38.72	623.90	35.50	603.70	33.97	583.20	32.49	536.50	29.36	489.90	26.33
110	-21.8	-22.0	348.80	40.99	341.30	42.68	337.60	43.53	334.00	43.88	325.40	46.08	305.60	47.28
	-17.8	-18.0	378.40	42.68	370.90	44.38	367.20	45.23	363.50	45.58	354.90	47.78	335.20	48.98
	-12.6	-13.0	422.90	45.23	415.40	46.93	411.50	47.78	407.80	48.13	399.20	50.34	379.70	51.54
	-7.1	-7.6	467.20	47.78	459.60	49.48	456.00	50.34	452.30	50.69	443.30	52.89	416.10	53.59
	-3.6	-4.0	496.80	49.48	489.20	51.19	485.60	52.04	481.90	52.39	455.40	53.59	421.60	53.59
	-1.8	-2.2	511.70	50.34	504.10	52.04	499.30	52.89	491.00	53.24	458.00	53.59	424.50	53.59
	2.0	1.0	541.30	52.04	526.50	53.24	512.20	53.59	498.20	53.59	463.60	53.59	430.00	53.59
	6.0	5.0	567.50	53.59	536.50	53.59	520.40	53.59	506.40	53.59	472.00	53.59	438.20	53.59
	10.0	9.0	573.00	53.59	542.00	53.59	526.00	53.59	511.90	53.59	477.30	53.59	443.70	53.59
	13.0	12.0	575.70	53.59	544.70	53.59	528.60	53.59	514.60	53.59	480.10	53.59	446.40	53.11
	17.0	15.0	583.90	53.59	552.90	53.59	537.00	53.59	523.00	53.59	488.30	53.35	449.00	49.62
	19.0	18.0	586.80	53.59	555.70	53.59	539.70	53.59	525.60	53.59	489.20	52.15	449.00	47.67
	23.0	21.0	592.30	53.59	561.20	53.59	545.20	53.59	531.10	53.39	490.90	49.89	449.00	44.03
	26.0	24.0	597.80	53.59	566.80	53.59	550.70	52.57	532.90	51.05	491.80	46.31	449.00	40.75
	30.0	28.0	603.10	53.59	570.30	51.77	552.50	50.31	534.60	48.33	491.80	42.88	449.00	37.79
	35.0	32.0	607.70	51.29	572.00	47.75	553.30	45.41	534.60	43.14	491.80	38.35	449.00	33.88
	39.0	36.0	609.50	48.87	572.00	44.35	553.30	42.20	534.60	40.12	491.80	35.73	449.00	31.60
	44.0	40.0	609.50	45.43	572.00	41.29	553.30	39.32	534.60	37.42	491.80	33.37	449.00	29.57
	47.0	43.0	609.50	43.85	572.00	39.89	553.30	37.99	534.60	36.17	491.80	32.30	449.00	28.65
	51.0	47.0	609.50	41.01	572.00	37.38	553.30	35.62	534.60	33.95	491.80	30.38	449.00	27.00
	54.0	50.0	609.50	38.46	572.00	35.13	553.30	33.50	534.60	31.97	491.80	28.68	449.00	25.55
	57.0	53.0	609.50	35.18	572.00	32.25	553.30	30.79	534.60	29.43	491.80	26.50	449.00	23.70
	60.0	56.0	609.50	33.31	572.00	30.61	553.30	29.25	534.60	27.99	491.80	25.26	449.00	22.64

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC432S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	337.70	43.03	330.90	44.73	327.50	45.58	324.20	46.59	304.80	46.43	285.40	47.63
	-17.8	-18.0	367.30	44.73	360.50	46.43	357.10	47.28	353.80	48.30	334.40	48.13	314.90	49.34
	-12.6	-13.0	411.80	47.28	404.90	48.98	401.60	49.84	398.10	50.85	378.70	50.69	359.20	51.89
	-7.1	-7.6	456.10	49.84	449.20	51.54	445.90	52.39	441.40	53.22	417.00	53.24	386.40	53.59
	-3.6	-4.0	485.60	51.54	474.80	53.24	466.50	53.59	453.10	53.59	422.40	53.59	391.90	53.59
	-1.8	-2.2	500.50	52.39	481.70	53.59	469.20	53.59	456.00	53.59	425.30	53.59	394.60	53.59
	2.0	1.0	514.80	53.59	487.20	53.59	474.70	53.59	461.30	53.59	430.80	53.59	400.10	53.59
	6.0	5.0	523.10	53.59	495.40	53.59	483.10	53.59	469.70	53.59	439.00	53.59	406.50	51.57
	10.0	9.0	528.50	53.59	500.90	53.59	488.60	53.59	475.20	53.59	444.50	52.99	408.20	49.03
	13.0	12.0	531.30	53.59	503.60	53.59	491.30	53.59	477.90	53.59	445.40	51.77	408.20	47.08
	17.0	15.0	539.50	53.59	512.00	53.59	499.50	53.39	484.30	51.81	447.10	47.46	408.20	41.72
	19.0	18.0	542.40	53.59	514.70	53.59	500.40	52.17	485.10	50.67	447.10	45.58	408.20	40.09
	23.0	21.0	547.90	53.59	518.40	51.35	502.10	49.89	486.00	47.57	447.10	42.11	408.20	37.07
	26.0	24.0	551.40	51.95	520.10	48.78	503.00	46.32	486.00	43.99	447.10	38.98	408.20	34.34
	30.0	28.0	553.20	49.75	520.10	45.13	503.00	42.88	486.00	40.74	447.10	36.14	408.20	31.87
	35.0	32.0	554.00	44.48	520.10	40.33	503.00	38.34	486.00	36.44	447.10	32.39	408.20	28.63
	39.0	36.0	554.00	41.34	520.10	37.51	503.00	35.69	486.00	33.93	447.10	30.23	408.20	26.75
	44.0	40.0	554.00	38.51	520.10	35.00	503.00	33.33	486.00	31.71	447.10	28.29	408.20	25.08
	47.0	43.0	554.00	37.21	520.10	33.85	503.00	32.23	486.00	30.68	447.10	27.40	408.20	24.31
	51.0	47.0	554.00	34.88	520.10	31.79	503.00	30.28	486.00	28.84	447.10	25.82	408.20	22.95
	54.0	50.0	554.00	32.82	520.10	29.97	503.00	28.57	486.00	27.24	447.10	24.44	408.20	21.76
	57.0	53.0	554.00	30.16	520.10	27.62	503.00	26.37	486.00	25.16	447.10	22.65	408.20	20.25
	60.0	56.0	554.00	28.65	520.10	26.29	503.00	25.12	486.00	24.00	447.10	21.65	408.20	19.40
90	-21.8	-22.0	326.80	45.58	315.20	46.43	307.40	46.93	299.80	47.28	282.30	47.63	264.90	48.13
	-17.8	-18.0	356.40	47.28	344.80	48.13	337.00	48.63	329.40	48.98	311.90	49.34	294.50	49.84
	-12.6	-13.0	400.60	49.84	389.10	50.69	381.50	51.19	373.90	51.54	356.30	51.89	338.80	52.39
	-7.1	-7.6	445.10	52.39	429.40	53.24	419.40	53.24	409.20	53.59	382.40	53.59	356.50	53.59
	-3.6	-4.0	462.20	53.59	438.00	53.59	425.20	53.59	414.70	53.59	387.90	53.59	362.00	53.59
	-1.8	-2.2	464.90	53.59	440.60	53.59	428.10	53.59	417.40	53.59	390.60	53.59	364.90	53.05
	2.0	1.0	470.40	53.59	446.20	53.59	433.60	53.59	422.90	53.59	396.10	53.59	366.60	50.63
	6.0	5.0	478.60	53.59	454.40	53.59	441.80	53.59	431.30	53.59	400.70	50.81	367.50	45.49
	10.0	9.0	484.10	53.59	459.90	53.59	447.30	53.59	434.80	51.99	402.50	47.72	367.50	41.92
	13.0	12.0	487.00	53.59	462.80	53.59	450.20	52.37	435.70	50.83	402.50	45.83	367.50	40.25
	17.0	15.0	495.20	53.31	467.10	50.35	452.80	48.41	437.40	45.90	402.50	40.60	367.50	35.69
	19.0	18.0	496.00	52.09	468.00	48.96	452.80	46.52	437.40	44.10	402.50	39.02	367.50	34.32
	23.0	21.0	497.80	49.83	468.00	45.21	452.80	42.96	437.40	40.75	402.50	36.10	367.50	31.77
	26.0	24.0	498.60	46.22	468.00	41.82	452.80	39.75	437.40	37.72	402.50	33.44	367.50	29.46
	30.0	28.0	498.60	42.79	468.00	38.75	452.80	36.84	437.40	34.96	402.50	31.04	367.50	27.39
	35.0	32.0	498.60	38.28	468.00	34.70	452.80	33.03	437.40	31.37	402.50	27.88	367.50	24.66
	39.0	36.0	498.60	35.64	468.00	32.34	452.80	30.79	437.40	29.28	402.50	26.07	367.50	23.08
	44.0	40.0	498.60	33.28	468.00	30.24	452.80	28.83	437.40	27.40	402.50	24.45	367.50	21.68
	47.0	43.0	498.60	32.20	468.00	29.28	452.80	27.91	437.40	26.55	402.50	23.71	367.50	21.05
	51.0	47.0	498.60	30.28	468.00	27.58	452.80	26.29	437.40	25.04	402.50	22.39	367.50	19.91
	54.0	50.0	498.60	28.55	468.00	26.04	452.80	24.88	437.40	23.70	402.50	21.24	367.50	18.94
	57.0	53.0	498.60	26.37	468.00	24.12	452.80	23.05	437.40	21.98	402.50	19.77	367.50	17.69
	60.0	56.0	498.60	25.15	468.00	23.02	452.80	22.02	437.40	21.02	402.50	18.95	367.50	16.99
80	-21.8	-22.0	302.70	47.28	289.10	47.28	282.30	47.63	275.60	48.13	259.90	48.48	244.40	48.98
	-17.8	-18.0	332.30	48.98	318.70	48.98	311.90	49.34	305.20	49.84	289.50	50.19	274.00	50.69
	-12.6	-13.0	376.80	51.54	363.20	51.54	356.30	51.89	349.50	52.39	334.00	52.74	318.10	53.24
	-7.1	-7.6	412.30	53.59	391.40	53.59	382.40	53.59	372.50	53.59	349.70	53.59	324.80	51.71
	-3.6	-4.0	417.80	53.59	396.90	53.59	387.90	53.59	378.00	53.59	355.20	53.09	326.60	49.21
	-1.8	-2.2	420.50	53.59	399.60	53.59	390.60	53.59	380.70	53.59	356.10	51.85	326.60	47.22
	2.0	1.0	426.00	53.59	405.10	53.59	396.10	53.59	386.20	53.05	357.80	49.50	326.60	43.48
	6.0	5.0	434.20	53.59	413.50	52.55	400.70	51.03	388.80	49.43	357.80	43.75	326.60	38.43
	10.0	9.0	439.70	53.15	415.20	50.21	402.50	48.08	388.80	45.55	357.80	40.32	326.60	35.44
	13.0	12.0	440.60	51.93	416.10	48.66	402.50	46.16	388.80	43.74	357.80	38.71	326.60	34.04
	17.0	15.0	443.20	47.72	416.10	43.10	402.50	40.92	388.80	38.76	357.80	34.34	326.60	30.21
	19.0	18.0	443.20	45.84	416.10	41.41	402.50	39.33	388.80	37.26	357.80	33.02	326.60	29.06
	23.0	21.0	443.20	42.34	416.10	38.30	402.50	36.36	388.80	34.46	357.80	30.58	326.60	26.92
	26.0	24.0	443.20	39.18	416.10	35.46	402.50	33.69	388.80	31.94	357.80	28.36	326.60	25.00
	30.0	28.0	443.20	36.33	416.10	32.89	402.50	31.27	388.80	29.66	357.80	26.35	326.60	23.27
	35.0	32.0	443.20	32.57	416.10	29.54	402.50	28.10	388.80	26.70	357.80	23.75	326.60	20.99
	39.0	36.0	443.20	30.39	416.10	27.61	402.50	26.28	388.80	24.96	357.80	22.24	326.60	19.69
	44.0	40.0	443.20	28.44	416.10	25.87	402.50	24.63	388.80	23.42	357.80	20.91	326.60	18.52
	47.0	43.0	443.20	27.55	416.10	25.07	402.50	23.89	388.80	22.72	357.80	20.29	326.60	18.00
	51.0	47.0	443.20	25.96	416.10	23.67	402.50	22.57	388.80	21.47	357.80	19.22	326.60	17.08
	54.0	50.0	443.20	24.57	416.10	22.42	402.50	21.41	388.80	20.39	357.80	18.26	326.60	16.26
	57.0	53.0	443.20	22.79	416.10	20.86	402.50	19.92	388.80	19.00	357.80	17.07	326.60	15.23
	60.0	56.0	443.20	21.79	416.10	19.95	402.50	19.09	388.80	18.22	357.80	16.39	326.60	14.65

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC432S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	275.00	48.13	263.10	48.48	257.30	48.48	251.20	48.98	237.60	49.34	223.90	45.72
	-17.8	-18.0	304.60	49.84	292.70	50.19	286.90	50.19	280.80	50.69	267.20	51.04	253.50	47.42
	-12.6	-13.0	349.10	52.39	337.20	52.74	331.20	52.74	324.90	53.24	307.60	53.59	284.90	49.97
	-7.1	-7.6	368.80	53.59	352.30	53.59	344.00	53.59	334.90	53.59	312.00	50.13	285.80	44.39
	-3.6	-4.0	374.30	53.59	357.90	53.59	349.50	52.79	338.50	51.23	312.90	46.57	285.80	40.86
	-1.8	-2.2	377.00	53.59	360.50	53.21	350.40	51.57	339.30	50.07	312.90	44.68	285.80	39.20
	2.0	1.0	382.50	53.59	362.30	50.79	352.10	49.02	340.20	46.44	312.90	41.14	285.80	36.10
	6.0	5.0	386.90	50.17	364.00	45.72	352.10	43.31	340.20	41.05	312.90	36.38	285.80	31.93
	10.0	9.0	387.80	46.63	364.00	42.14	352.10	39.92	340.20	37.84	312.90	33.54	285.80	29.46
	13.0	12.0	387.80	44.78	364.00	40.47	352.10	38.33	340.20	36.34	312.90	32.21	285.80	28.31
	17.0	15.0	387.80	39.69	364.00	35.90	352.10	34.01	340.20	32.27	312.90	28.60	285.80	25.15
	19.0	18.0	387.80	38.15	364.00	34.50	352.10	32.71	340.20	31.02	312.90	27.52	285.80	24.22
	23.0	21.0	387.80	35.28	364.00	31.93	352.10	30.28	340.20	28.73	312.90	25.50	285.80	22.46
	26.0	24.0	387.80	32.70	364.00	29.61	352.10	28.10	340.20	26.67	312.90	23.69	285.80	20.87
	30.0	28.0	387.80	30.37	364.00	27.53	352.10	26.12	340.20	24.82	312.90	22.06	285.80	19.47
	35.0	32.0	387.80	27.32	364.00	24.78	352.10	23.54	340.20	22.39	312.90	19.93	285.80	17.62
	39.0	36.0	387.80	25.55	364.00	23.22	352.10	22.06	340.20	20.99	312.90	18.71	285.80	16.56
	44.0	40.0	387.80	23.99	364.00	21.79	352.10	20.74	340.20	19.74	312.90	17.61	285.80	15.63
	47.0	43.0	387.80	23.26	364.00	21.16	352.10	20.14	340.20	19.18	312.90	17.12	285.80	15.19
	51.0	47.0	387.80	22.00	364.00	20.02	352.10	19.07	340.20	18.18	312.90	16.24	285.80	14.45
	54.0	50.0	387.80	20.87	364.00	19.03	352.10	18.15	340.20	17.30	312.90	15.49	285.80	13.79
	57.0	53.0	387.80	19.46	364.00	17.77	352.10	16.97	340.20	16.20	312.90	14.53	285.80	12.97
	60.0	56.0	387.80	18.65	364.00	17.07	352.10	16.30	340.20	15.59	312.90	13.98	285.80	12.50
60	-21.8	-22.0	247.30	49.34	237.20	49.34	232.10	48.54	227.00	47.00	215.20	45.04	203.70	41.83
	-17.8	-18.0	276.90	51.04	266.80	51.04	261.70	50.24	256.60	48.70	244.80	46.75	233.30	43.53
	-12.6	-13.0	318.90	53.59	306.60	53.59	299.10	52.79	289.90	51.25	268.20	46.49	244.90	40.87
	-7.1	-7.6	327.10	53.59	311.20	50.79	301.70	48.98	291.60	46.48	268.20	41.06	244.90	36.09
	-3.6	-4.0	330.60	51.25	312.10	47.63	301.70	45.10	291.60	42.79	268.20	37.79	244.90	33.22
	-1.8	-2.2	331.50	50.09	312.10	45.70	301.70	43.27	291.60	41.05	268.20	36.27	244.90	31.88
	2.0	1.0	332.30	46.50	312.10	42.07	301.70	39.84	291.60	37.80	268.20	33.40	244.90	29.37
	6.0	5.0	332.30	41.11	312.10	37.20	301.70	35.23	291.60	33.42	268.20	29.55	244.90	25.99
	10.0	9.0	332.30	37.88	312.10	34.29	301.70	32.49	291.60	30.84	268.20	27.27	244.90	23.99
	13.0	12.0	332.30	36.40	312.10	32.95	301.70	31.21	291.60	29.62	268.20	26.20	244.90	23.07
	17.0	15.0	332.30	32.31	312.10	29.27	301.70	27.74	291.60	26.33	268.20	23.32	244.90	20.53
	19.0	18.0	332.30	31.08	312.10	28.16	301.70	26.70	291.60	25.34	268.20	22.44	244.90	19.76
	23.0	21.0	332.30	28.80	312.10	26.09	301.70	24.75	291.60	23.50	268.20	20.82	244.90	18.36
	26.0	24.0	332.30	26.73	312.10	24.22	301.70	22.98	291.60	21.84	268.20	19.38	244.90	17.10
	30.0	28.0	332.30	24.86	312.10	22.56	301.70	21.42	291.60	20.36	268.20	18.08	244.90	15.96
	35.0	32.0	332.30	22.46	312.10	20.39	301.70	19.37	291.60	18.41	268.20	16.39	244.90	14.49
	39.0	36.0	332.30	21.06	312.10	19.13	301.70	18.19	291.60	17.30	268.20	15.42	244.90	13.65
	44.0	40.0	332.30	19.81	312.10	18.02	301.70	17.15	291.60	16.31	268.20	14.57	244.90	12.91
	47.0	43.0	332.30	19.25	312.10	17.51	301.70	16.67	291.60	15.86	268.20	14.17	244.90	12.57
	51.0	47.0	332.30	18.26	312.10	16.62	301.70	15.83	291.60	15.08	268.20	13.50	244.90	11.98
	54.0	50.0	332.30	17.40	312.10	15.85	301.70	15.11	291.60	14.39	268.20	12.89	244.90	11.47
	57.0	53.0	332.30	16.29	312.10	14.86	301.70	14.19	291.60	13.51	268.20	12.14	244.90	10.81
	60.0	56.0	332.30	15.67	312.10	14.30	301.70	13.68	291.60	13.02	268.20	11.73	244.90	10.46
50	-21.8	-22.0	219.60	48.19	211.20	44.62	206.90	43.78	202.60	42.60	192.90	38.84	183.20	35.02
	-17.8	-18.0	249.20	49.89	240.80	46.32	236.50	45.48	232.20	44.31	221.70	40.54	204.10	36.73
	-12.6	-13.0	276.30	50.43	260.00	46.08	251.60	43.79	243.00	41.58	223.60	36.80	204.10	32.45
	-7.1	-7.6	277.10	45.14	260.00	40.71	251.60	38.67	243.00	36.72	223.60	32.52	204.10	28.65
	-3.6	-4.0	277.10	41.56	260.00	37.47	251.60	35.61	243.00	33.80	223.60	29.94	204.10	26.37
	-1.8	-2.2	277.10	39.87	260.00	35.96	251.60	34.17	243.00	32.44	223.60	28.72	204.10	25.33
	2.0	1.0	277.10	36.70	260.00	33.12	251.60	31.47	243.00	29.89	223.60	26.47	204.10	23.33
	6.0	5.0	277.10	32.49	260.00	29.29	251.60	27.85	243.00	26.46	223.60	23.42	204.10	20.65
	10.0	9.0	277.10	29.95	260.00	27.04	251.60	25.71	243.00	24.41	223.60	21.64	204.10	19.09
	13.0	12.0	277.10	28.80	260.00	26.00	251.60	24.71	243.00	23.47	223.60	20.80	204.10	18.36
	17.0	15.0	277.10	25.60	260.00	23.13	251.60	21.99	243.00	20.90	223.60	18.54	204.10	16.37
	19.0	18.0	277.10	24.64	260.00	22.27	251.60	21.17	243.00	20.12	223.60	17.85	204.10	15.75
	23.0	21.0	277.10	22.86	260.00	20.66	251.60	19.66	243.00	18.69	223.60	16.59	204.10	14.67
	26.0	24.0	277.10	21.25	260.00	19.22	251.60	18.30	243.00	17.40	223.60	15.46	204.10	13.67
	30.0	28.0	277.10	19.81	260.00	17.96	251.60	17.08	243.00	16.25	223.60	14.45	204.10	12.79
	35.0	32.0	277.10	17.96	260.00	16.27	251.60	15.50	243.00	14.75	223.60	13.13	204.10	11.64
	39.0	36.0	277.10	16.88	260.00	15.31	251.60	14.60	243.00	13.89	223.60	12.39	204.10	10.98
	44.0	40.0	277.10	15.93	260.00	14.47	251.60	13.80	243.00	13.13	223.60	11.73	204.10	10.40
	47.0	43.0	277.10	15.49	260.00	14.09	251.60	13.43	243.00	12.79	223.60	11.43	204.10	10.14
	51.0	47.0	277.10	14.74	260.00	13.42	251.60	12.80	243.00	12.20	223.60	10.91	204.10	9.69
	54.0	50.0	277.10	14.08	260.00	12.83	251.60	12.25	243.00	11.68	223.60	10.44	204.10	9.29
	57.0	53.0	277.10	13.24	260.00	12.09	251.60	11.55	243.00	11.01	223.60	9.88	204.10	8.78
	60.0	56.0	277.10	12.77	260.00	11.69	251.60	11.15	243.00	10.65	223.60	9.55	204.10	8.51

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC456S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	5	385.30	8.97	468.30	12.21	551.30	15.31	592.80	17.22	672.10	20.24	748.78	21.69	792.74	23.55
	10	385.30	9.44	468.30	12.71	551.30	15.86	592.80	17.75	672.10	20.77	741.37	22.13	784.89	23.91
	14	385.30	9.94	468.30	13.24	551.30	16.43	592.80	18.30	672.10	21.30	734.02	22.58	777.12	24.28
	23	385.30	10.46	468.30	13.79	551.30	17.02	592.80	18.87	672.10	21.84	726.76	23.04	769.43	24.65
	27	385.30	11.01	468.30	14.36	551.30	17.64	592.80	19.46	672.10	22.40	719.56	23.51	761.81	25.02
	32	385.30	11.59	468.30	14.95	551.30	18.27	592.80	20.06	672.10	22.97	712.43	23.99	754.26	25.40
	37	385.30	12.20	468.30	15.57	551.30	18.93	592.80	20.68	672.10	23.56	705.38	24.48	746.80	25.79
	41	385.30	12.83	468.30	16.23	551.30	19.62	592.80	21.32	672.10	24.16	698.40	24.98	739.40	26.18
	46	385.30	13.08	468.30	16.50	551.30	19.93	592.80	21.65	667.80	24.47	693.10	25.31	732.70	26.59
	50	385.30	13.32	468.30	16.79	551.30	20.26	592.80	22.00	664.50	24.76	688.50	25.60	728.00	27.02
	54	385.30	13.71	468.30	17.19	551.30	20.69	592.80	22.48	661.10	25.18	684.00	26.05	723.50	27.67
	57	385.30	14.11	468.30	17.61	551.30	21.22	592.80	23.06	657.70	25.80	679.40	26.67	718.90	28.35
	61	385.30	14.52	468.30	18.19	551.30	21.92	592.80	23.82	654.40	26.46	674.80	27.34	714.40	29.21
	64	385.30	15.12	468.30	18.82	551.30	22.65	592.80	24.63	650.50	27.33	670.30	28.25	709.90	30.39
	68	385.30	15.68	468.30	19.52	551.30	23.59	592.80	25.77	646.00	28.40	665.70	29.49	705.20	31.94
	72	385.30	16.37	468.30	20.36	551.30	24.76	591.10	27.07	641.40	29.84	661.20	31.05	700.70	33.90
	75	385.30	17.07	468.30	21.38	551.30	26.24	589.20	28.71	636.80	31.53	656.60	32.93	696.10	36.30
	79	385.30	17.97	468.30	22.65	551.30	27.97	586.70	30.50	632.30	33.62	652.00	35.22	691.60	39.04
	82	385.30	19.02	468.30	24.10	551.30	29.98	583.20	32.61	627.70	35.96	647.50	37.70	687.10	42.09
	86	385.30	20.22	468.30	25.81	551.10	32.39	579.90	34.97	623.20	38.40	642.90	40.41	676.10	44.97
	90	385.30	21.66	468.30	27.90	549.20	34.80	576.60	37.29	613.30	40.73	626.40	42.48	653.80	46.31
	93	385.30	23.43	468.30	30.27	546.50	37.15	563.60	39.00	590.80	42.14	601.80	43.69	627.70	45.72
	95	385.30	24.54	468.30	31.43	541.50	38.10	553.40	39.63	578.30	42.66	589.20	43.89	614.80	45.00
	99	385.30	26.71	468.30	33.87	517.60	38.96	528.60	40.47	553.40	42.98	564.20	43.36	588.60	43.63
	102	385.30	28.85	468.30	36.73	493.60	39.76	503.70	40.92	528.50	42.14	539.10	42.11	562.50	42.28
	106	385.30	31.33	457.50	38.79	469.60	40.11	478.80	40.59	503.50	41.00	513.80	40.93	536.40	40.98
	111	385.30	36.00	417.00	39.14	433.70	39.38	441.40	39.11	466.10	39.44	476.20	39.32	497.30	39.13
	115	375.60	38.44	389.90	38.79	409.60	38.72	416.50	38.28	441.20	38.57	451.10	38.39	471.20	38.03
	118	347.70	38.60	362.80	38.08	380.60	37.65	386.70	37.02	402.90	36.27	409.60	35.71	423.00	34.66
	120	328.60	37.69	345.00	37.21	359.50	36.31	365.30	35.67	378.50	34.54	385.30	34.01	398.90	32.97
	122	308.80	35.81	324.40	35.35	338.00	34.49	343.40	33.88	355.70	32.82	362.20	32.32	375.00	31.33
120	5	355.70	8.30	432.30	11.21	508.90	13.96	547.20	15.70	623.90	18.63	662.10	20.52	774.29	23.11
	10	355.70	8.73	432.30	11.68	508.90	14.46	547.20	16.19	623.90	19.10	662.10	20.94	766.63	23.46
	14	355.70	9.19	432.30	12.16	508.90	14.99	547.20	16.69	623.90	19.60	662.10	21.37	759.04	23.82
	23	355.70	9.67	432.30	12.66	508.90	15.53	547.20	17.21	623.90	20.10	662.10	21.80	751.52	24.19
	27	355.70	10.17	432.30	13.19	508.90	16.10	547.20	17.74	623.90	20.61	662.10	22.25	744.08	24.56
	32	355.70	10.71	432.30	13.74	508.90	16.69	547.20	18.29	623.90	21.14	662.10	22.70	736.72	24.93
	37	355.70	11.27	432.30	14.31	508.90	17.30	547.20	18.86	623.90	21.68	662.10	23.17	729.42	25.31
	41	355.70	11.86	432.30	14.90	508.90	17.93	547.20	19.45	623.90	22.24	662.10	23.64	722.20	25.69
	46	355.70	12.09	432.30	15.14	508.90	18.21	547.20	19.74	623.90	22.65	661.70	24.10	717.20	26.06
	50	355.70	12.30	432.30	15.38	508.90	18.48	547.20	20.04	623.90	23.05	659.80	24.44	713.00	26.39
	54	355.70	12.59	432.30	15.70	508.90	18.85	547.20	20.44	623.90	23.53	657.90	24.91	708.50	26.88
	57	355.70	12.91	432.30	16.06	508.90	19.28	547.20	20.91	623.90	24.20	654.90	25.49	704.00	27.49
	61	355.70	13.27	432.30	16.53	508.90	19.87	547.20	21.59	622.80	24.90	651.50	26.13	699.30	28.24
	64	355.70	13.74	432.30	17.07	508.90	20.51	547.20	22.28	620.90	25.70	648.20	26.96	694.80	29.22
	68	355.70	14.20	432.30	17.66	508.90	21.30	547.20	23.20	618.80	26.75	644.80	28.05	690.20	30.54
	72	355.70	14.78	432.30	18.40	508.90	22.29	547.20	24.37	615.40	28.02	641.50	29.48	685.70	32.19
	75	355.70	15.44	432.30	19.31	508.90	23.54	547.20	25.88	612.10	29.65	637.60	31.22	681.20	34.28
	79	355.70	16.24	432.30	20.43	508.90	25.13	547.20	27.75	608.70	31.60	633.00	33.29	676.50	36.70
	82	355.70	17.23	432.30	21.75	508.90	26.96	547.20	29.91	605.40	33.89	628.50	35.63	672.00	39.32
	86	355.70	18.29	432.30	23.30	508.90	29.12	546.60	32.36	602.00	36.33	623.90	38.09	662.40	41.76
	90	355.70	19.57	432.30	25.11	508.90	31.57	544.70	34.81	595.20	38.60	613.20	40.20	639.90	43.31
	93	355.70	21.06	432.30	27.28	508.90	34.09	542.40	37.26	577.60	40.08	591.40	41.51	614.70	44.22
	95	355.70	22.03	432.30	28.41	508.90	35.37	537.20	38.15	565.40	40.56	579.20	42.01	602.20	44.24
	99	355.70	24.03	432.30	30.72	504.00	37.66	514.00	38.92	541.10	41.34	555.00	42.52	576.90	43.07
	102	355.70	26.10	432.30	33.25	486.70	38.89	490.60	39.49	516.80	41.41	530.70	41.87	551.70	41.81
	106	355.70	28.41	432.30	36.14	461.80	39.24	467.00	39.67	492.50	40.47	506.50	40.79	526.50	40.60
	111	355.70	32.52	410.90	38.27	424.40	38.76	431.80	38.71	455.90	39.03	470.10	39.35	488.70	38.91
	115	355.70	35.65	386.80	38.33	399.60	38.01	408.20	38.08	431.60	38.26	445.80	38.55	463.50	37.92
	118	342.80	37.45	357.50	37.36	369.80	36.86	379.70	37.03	393.50	35.98	400.80	35.50	415.30	34.54
	120	322.30	36.27	336.20	36.04	348.50	35.51	355.10	35.26	369.20	34.26	376.50	33.79	391.20	32.86
	122	303.00	34.46	316.00	34.23	327.70	33.74	333.90	33.49	347.10	32.54	354.00	32.10	367.80	31.22

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC456S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
110	5	326.10	7.60	396.20	10.19	466.50	12.66	501.60	14.23	571.90	16.87	607.00	18.62	677.10	21.61
	10	326.10	8.01	396.20	10.62	466.50	13.12	501.60	14.67	571.90	17.30	607.00	19.00	677.10	21.94
	14	326.10	8.43	396.20	11.06	466.50	13.60	501.60	15.12	571.90	17.75	607.00	19.38	677.10	22.28
	23	326.10	8.87	396.20	11.52	466.50	14.10	501.60	15.58	571.90	18.20	607.00	19.77	677.10	22.62
	27	326.10	9.33	396.20	12.00	466.50	14.60	501.60	16.06	571.90	18.67	607.00	20.18	677.10	22.96
	32	326.10	9.83	396.20	12.50	466.50	15.13	501.60	16.56	571.90	19.15	607.00	20.59	677.10	23.31
	37	326.10	10.34	396.20	13.03	466.50	15.68	501.60	17.06	571.90	19.65	607.00	21.01	677.10	23.66
	41	326.10	10.88	396.20	13.57	466.50	16.25	501.60	17.59	571.90	20.15	607.00	21.44	677.10	24.02
	46	326.10	11.11	396.20	13.81	466.50	16.50	501.60	17.85	571.90	20.48	607.00	21.81	677.10	24.47
	50	326.10	11.28	396.20	14.00	466.50	16.72	501.60	18.10	571.90	20.78	607.00	22.14	676.50	24.88
	54	326.10	11.49	396.20	14.25	466.50	17.03	501.60	18.44	571.90	21.20	607.00	22.61	674.60	25.36
	57	326.10	11.74	396.20	14.55	466.50	17.39	501.60	18.83	571.90	21.72	607.00	23.19	672.70	25.95
	61	326.10	12.03	396.20	14.91	466.50	17.87	501.60	19.40	571.90	22.37	607.00	23.89	669.60	26.64
	64	326.10	12.39	396.20	15.35	466.50	18.43	501.60	20.02	571.90	23.12	607.00	24.76	666.20	27.54
	68	326.10	12.74	396.20	15.83	466.50	19.10	501.60	20.77	571.90	24.10	606.40	25.82	662.80	28.69
	72	326.10	13.21	396.20	16.49	466.50	19.93	501.60	21.73	571.90	25.31	604.50	27.06	659.50	30.14
	75	326.10	13.82	396.20	17.26	466.50	20.99	501.60	22.94	571.90	26.90	602.50	28.69	656.20	31.98
	79	326.10	14.55	396.20	18.27	466.50	22.33	501.60	24.61	570.30	28.78	599.40	30.62	651.90	34.17
	82	326.10	15.45	396.20	19.46	466.50	24.06	501.60	26.62	568.40	30.98	596.00	32.84	647.30	36.55
	86	326.10	16.43	396.20	20.87	466.50	26.03	501.60	28.92	566.00	33.33	592.70	35.22	642.70	39.03
	90	326.10	17.55	396.20	22.50	466.50	28.24	501.60	31.39	562.70	35.76	589.30	37.70	622.80	40.29
	93	326.10	18.84	396.20	24.39	466.50	30.65	501.60	34.05	559.30	38.15	574.60	39.23	598.90	41.28
	95	326.10	19.63	396.20	25.42	466.50	31.92	501.00	35.29	551.00	38.79	563.10	39.64	587.00	41.76
	99	326.10	21.40	396.20	27.66	466.50	34.42	496.90	37.49	528.30	39.52	540.10	40.43	563.10	42.16
	102	326.10	23.37	396.20	30.00	466.50	37.10	480.90	38.61	505.40	40.07	517.20	40.81	539.20	41.17
	106	326.10	25.58	396.20	32.54	457.80	38.92	458.20	38.94	482.50	39.97	494.30	40.15	515.40	40.10
	111	326.10	29.27	396.20	36.61	423.30	39.02	424.10	38.57	448.20	38.85	459.90	38.94	479.60	38.63
	115	326.10	31.86	387.20	38.30	400.50	38.66	401.50	38.09	425.30	38.27	436.90	38.31	455.70	37.81
	118	321.00	34.01	348.50	36.19	362.30	36.47	369.30	36.63	384.20	35.70	391.90	35.27	407.60	34.44
	120	308.00	33.75	324.00	34.41	337.50	34.69	344.70	34.86	359.90	33.98	367.70	33.56	383.30	32.75
	122	289.50	32.06	304.50	32.69	317.20	32.95	324.00	33.11	338.30	32.29	345.70	31.88	360.30	31.11
100	5	296.40	6.90	360.30	9.19	424.10	11.36	456.00	12.71	519.90	15.14	551.70	16.73	615.60	19.45
	10	296.40	7.27	360.30	9.57	424.10	11.77	456.00	13.11	519.90	15.52	551.70	17.07	615.60	19.74
	14	296.40	7.65	360.30	9.97	424.10	12.20	456.00	13.52	519.90	15.93	551.70	17.41	615.60	20.04
	23	296.40	8.06	360.30	10.38	424.10	12.64	456.00	13.93	519.90	16.34	551.70	17.76	615.60	20.35
	27	296.40	8.49	360.30	10.82	424.10	13.10	456.00	14.36	519.90	16.75	551.70	18.13	615.60	20.66
	32	296.40	8.94	360.30	11.27	424.10	13.58	456.00	14.80	519.90	17.18	551.70	18.50	615.60	20.97
	37	296.40	9.41	360.30	11.74	424.10	14.07	456.00	15.26	519.90	17.62	551.70	18.88	615.60	21.29
	41	296.40	9.91	360.30	12.23	424.10	14.57	456.00	15.74	519.90	18.07	551.70	19.26	615.60	21.61
	46	296.40	10.13	360.30	12.45	424.10	14.80	456.00	15.96	519.90	18.34	551.70	19.52	615.60	21.90
	50	296.40	10.28	360.30	12.62	424.10	14.98	456.00	16.15	519.90	18.57	551.70	19.77	615.60	22.20
	54	296.40	10.41	360.30	12.79	424.10	15.23	456.00	16.46	519.90	18.91	551.70	20.15	615.60	22.68
	57	296.40	10.59	360.30	13.04	424.10	15.52	456.00	16.78	519.90	19.34	551.70	20.61	615.60	23.20
	61	296.40	10.81	360.30	13.33	424.10	15.92	456.00	17.26	519.90	19.85	551.70	21.17	615.60	23.87
	64	296.40	11.06	360.30	13.68	424.10	16.39	456.00	17.79	519.90	20.50	551.70	21.88	615.60	24.76
	68	296.40	11.30	360.30	14.05	424.10	16.95	456.00	18.44	519.90	21.29	551.70	22.79	615.60	25.95
	72	296.40	11.66	360.30	14.59	424.10	17.64	456.00	19.21	519.90	22.30	551.70	23.93	615.60	27.34
	75	296.40	12.21	360.30	15.29	424.10	18.53	456.00	20.21	519.90	23.58	551.70	25.36	615.60	29.04
	79	296.40	12.90	360.30	16.16	424.10	19.66	456.00	21.54	519.90	25.25	551.70	27.20	615.60	31.26
	82	296.40	13.71	360.30	17.22	424.10	21.17	456.00	23.39	519.90	27.41	551.70	29.47	615.60	33.74
	86	296.40	14.61	360.30	18.49	424.10	23.04	456.00	25.58	519.90	29.74	551.70	31.90	615.60	36.40
	90	296.40	15.57	360.30	19.99	424.10	25.06	456.00	27.86	519.90	32.25	551.70	34.53	606.20	38.28
	93	296.40	16.69	360.30	21.64	424.10	27.23	456.00	30.35	519.90	34.92	551.70	37.15	586.20	39.16
	95	296.40	17.33	360.30	22.53	424.10	28.48	456.00	31.75	519.90	36.17	547.10	37.99	574.80	39.47
	99	296.40	18.81	360.30	24.62	424.10	30.97	456.00	34.21	511.50	37.86	531.00	39.06	551.70	40.16
	102	296.40	20.64	360.30	26.91	424.10	33.35	456.00	36.61	496.50	38.96	508.20	39.54	528.80	40.48
	106	296.40	22.83	360.30	29.22	424.10	35.76	446.90	38.14	474.60	39.35	485.30	39.67	505.70	39.71
	111	296.40	26.19	360.30	32.73	415.70	38.57	413.40	38.01	441.90	38.87	451.00	38.67	471.10	38.41
	115	296.40	28.39	360.30	35.09	393.10	38.32	391.00	37.64	420.10	38.47	428.10	38.08	448.00	37.70
	118	296.40	30.56	335.30	34.52	351.30	35.65	358.90	36.22	375.00	35.42	383.10	35.05	399.70	34.33
	120	289.50	30.82	311.70	32.77	326.60	33.88	334.30	34.46	350.60	33.69	358.80	33.33	375.70	32.64
	122	272.10	29.27	293.00	31.13	307.00	32.19	314.20	32.74	329.60	32.00	337.30	31.67	353.10	31.01

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC456S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	5	266.70	6.24	324.20	8.26	381.60	10.13	410.40	11.35	467.80	13.49	496.60	14.88	554.10	17.27
	10	266.70	6.56	324.20	8.60	381.60	10.50	410.40	11.70	467.80	13.83	496.60	15.18	554.10	17.53
	14	266.70	6.90	324.20	8.96	381.60	10.88	410.40	12.07	467.80	14.19	496.60	15.49	554.10	17.79
	23	266.70	7.27	324.20	9.33	381.60	11.28	410.40	12.44	467.80	14.56	496.60	15.81	554.10	18.06
	27	266.70	7.65	324.20	9.71	381.60	11.69	410.40	12.82	467.80	14.93	496.60	16.13	554.10	18.34
	32	266.70	8.06	324.20	10.12	381.60	12.12	410.40	13.22	467.80	15.31	496.60	16.46	554.10	18.62
	37	266.70	8.49	324.20	10.53	381.60	12.56	410.40	13.63	467.80	15.69	496.60	16.80	554.10	18.91
	41	266.70	8.94	324.20	10.97	381.60	13.02	410.40	14.04	467.80	16.10	496.60	17.14	554.10	19.20
	46	266.70	9.14	324.20	11.19	381.60	13.23	410.40	14.25	467.80	16.33	496.60	17.36	554.10	19.44
	50	266.70	9.29	324.20	11.34	381.60	13.40	410.40	14.43	467.80	16.51	496.60	17.56	554.10	19.67
	54	266.70	9.43	324.20	11.50	381.60	13.60	410.40	14.65	467.80	16.77	496.60	17.85	554.10	20.01
	57	266.70	9.59	324.20	11.71	381.60	13.85	410.40	14.93	467.80	17.11	496.60	18.23	554.10	20.47
	61	266.70	9.80	324.20	11.97	381.60	14.18	410.40	15.30	467.80	17.56	496.60	18.70	554.10	21.01
	64	266.70	10.02	324.20	12.26	381.60	14.58	410.40	15.75	467.80	18.09	496.60	19.28	554.10	21.73
	68	266.70	10.23	324.20	12.60	381.60	15.04	410.40	16.30	467.80	18.76	496.60	20.04	554.10	22.67
	72	266.70	10.55	324.20	13.06	381.60	15.65	410.40	16.98	467.80	19.62	496.60	20.99	554.10	23.88
	75	266.70	11.01	324.20	13.65	381.60	16.38	410.40	17.79	467.80	20.67	496.60	22.17	554.10	25.28
	79	266.70	11.57	324.20	14.38	381.60	17.32	410.40	18.86	467.80	21.96	496.60	23.56	554.10	26.85
	82	266.70	12.25	324.20	15.25	381.60	18.48	410.40	20.20	467.80	23.54	496.60	25.27	554.10	28.87
	86	266.70	12.99	324.20	16.30	381.60	19.95	410.40	21.92	467.80	25.44	496.60	27.28	554.10	31.11
	90	266.70	13.82	324.20	17.51	381.60	21.58	410.40	23.76	467.80	27.51	496.60	29.45	554.10	33.46
	93	266.70	14.80	324.20	18.93	381.60	23.39	410.40	25.74	467.80	29.75	496.60	31.79	554.10	35.86
	95	266.70	15.39	324.20	19.70	381.60	24.38	410.40	26.87	467.80	30.95	496.60	32.96	554.10	37.05
	99	266.70	16.74	324.20	21.49	381.60	26.59	410.40	29.22	467.80	33.27	496.60	35.34	544.60	38.63
	102	266.70	18.42	324.20	23.51	381.60	28.81	410.40	31.54	467.80	35.72	492.10	37.40	521.40	39.09
	106	266.70	20.28	324.20	25.56	381.60	31.13	410.40	34.01	463.10	37.90	476.60	38.55	498.20	39.40
	111	266.70	23.27	324.20	28.97	381.60	35.04	406.50	37.74	433.70	38.68	443.40	38.61	463.50	38.43
	115	266.70	25.40	324.20	31.45	373.80	36.79	390.40	38.48	408.90	38.05	421.30	38.17	440.20	37.76
	118	266.70	27.70	305.80	31.75	332.20	34.24	344.50	35.39	363.20	34.95	372.70	34.74	392.00	34.39
	120	255.30	27.56	283.20	30.21	307.40	32.47	319.80	33.62	338.80	33.21	348.50	33.04	368.00	32.70
	122	240.00	26.18	266.30	28.71	288.90	30.84	300.60	31.95	318.40	31.54	327.60	31.40	346.00	31.07
80	5	237.10	5.35	288.10	7.04	339.20	8.62	364.80	9.62	415.80	11.41	441.50	12.57	492.50	14.58
	10	237.10	5.67	288.10	7.37	339.20	8.98	364.80	9.97	415.80	11.77	441.50	12.89	492.50	14.87
	14	237.10	6.00	288.10	7.71	339.20	9.35	364.80	10.34	415.80	12.14	441.50	13.22	492.50	15.18
	23	237.10	6.34	288.10	8.08	339.20	9.74	364.80	10.71	415.80	12.51	441.50	13.56	492.50	15.49
	27	237.10	6.71	288.10	8.46	339.20	10.15	364.80	11.09	415.80	12.89	441.50	13.90	492.50	15.80
	32	237.10	7.11	288.10	8.86	339.20	10.57	364.80	11.50	415.80	13.30	441.50	14.26	492.50	16.12
	37	237.10	7.52	288.10	9.27	339.20	11.01	364.80	11.91	415.80	13.71	441.50	14.63	492.50	16.45
	41	237.10	7.96	288.10	9.71	339.20	11.47	364.80	12.35	415.80	14.13	441.50	15.01	492.50	16.79
	46	237.10	8.15	288.10	9.92	339.20	11.67	364.80	12.55	415.80	14.34	441.50	15.22	492.50	17.00
	50	237.10	8.30	288.10	10.06	339.20	11.81	364.80	12.71	415.80	14.49	441.50	15.38	492.50	17.18
	54	237.10	8.45	288.10	10.21	339.20	11.98	364.80	12.87	415.80	14.69	441.50	15.59	492.50	17.42
	57	237.10	8.59	288.10	10.38	339.20	12.18	364.80	13.08	415.80	14.94	441.50	15.88	492.50	17.77
	61	237.10	8.78	288.10	10.61	339.20	12.46	364.80	13.39	415.80	15.31	441.50	16.29	492.50	18.25
	64	237.10	8.98	288.10	10.87	339.20	12.79	364.80	13.75	415.80	15.76	441.50	16.77	492.50	18.84
	68	237.10	9.17	288.10	11.15	339.20	13.19	364.80	14.21	415.80	16.31	441.50	17.38	492.50	19.57
	72	237.10	9.42	288.10	11.54	339.20	13.70	364.80	14.80	415.80	17.04	441.50	18.18	492.50	20.57
	75	237.10	9.78	288.10	12.01	339.20	14.31	364.80	15.47	415.80	17.91	441.50	19.18	492.50	21.82
	79	237.10	10.22	288.10	12.61	339.20	15.09	364.80	16.36	415.80	19.01	441.50	20.35	492.50	23.15
	82	237.10	10.74	288.10	13.32	339.20	16.02	364.80	17.40	415.80	20.18	441.50	21.62	492.50	24.55
	86	237.10	11.34	288.10	14.17	339.20	17.09	364.80	18.59	415.80	21.59	441.50	23.15	492.50	26.40
	90	237.10	12.03	288.10	15.12	339.20	18.36	364.80	20.03	415.80	23.25	441.50	24.92	492.50	28.41
	93	237.10	12.88	288.10	16.28	339.20	19.79	364.80	21.60	415.80	25.06	441.50	26.85	492.50	30.49
	95	237.10	13.41	288.10	16.92	339.20	20.58	364.80	22.47	415.80	26.03	441.50	27.86	492.50	31.55
	99	237.10	14.64	288.10	18.45	339.20	22.39	364.80	24.41	415.80	28.10	441.50	29.97	492.50	33.71
	102	237.10	16.12	288.10	20.16	339.20	24.36	364.80	26.53	415.80	30.31	441.50	32.20	492.50	35.95
	106	237.10	17.61	288.10	21.92	339.20	26.50	364.80	28.87	415.80	32.72	441.50	34.61	487.60	37.90
	111	237.10	20.32	288.10	25.21	339.20	30.31	364.80	32.95	415.80	36.96	436.00	38.26	457.70	38.71
	115	237.10	22.38	288.10	27.71	339.20	33.27	364.80	36.13	398.50	37.69	410.40	37.79	432.50	37.82
	118	237.10	24.90	276.30	29.02	312.30	32.73	329.90	34.53	351.40	34.46	362.30	34.45	384.30	34.44
	120	220.10	24.12	254.20	27.60	288.20	31.05	305.20	32.76	327.00	32.73	338.00	32.73	360.20	32.75
	122	206.90	22.92	239.00	26.22	270.90	29.49	286.90	31.12	307.40	31.09	317.80	31.09	338.60	31.11

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC456S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	5	207.50	4.73	252.20	6.17	296.80	7.52	319.20	8.37	363.90	9.86	386.20	10.84	430.90	12.53
	10	207.50	5.01	252.20	6.46	296.80	7.84	319.20	8.67	363.90	10.16	386.20	11.12	430.90	12.78
	14	207.50	5.30	252.20	6.76	296.80	8.16	319.20	8.99	363.90	10.48	386.20	11.41	430.90	13.04
	23	207.50	5.61	252.20	7.08	296.80	8.50	319.20	9.31	363.90	10.80	386.20	11.70	430.90	13.30
	27	207.50	5.93	252.20	7.41	296.80	8.85	319.20	9.65	363.90	11.14	386.20	12.00	430.90	13.57
	32	207.50	6.27	252.20	7.76	296.80	9.22	319.20	10.00	363.90	11.48	386.20	12.31	430.90	13.85
	37	207.50	6.64	252.20	8.13	296.80	9.60	319.20	10.37	363.90	11.84	386.20	12.63	430.90	14.14
	41	207.50	7.02	252.20	8.51	296.80	10.00	319.20	10.74	363.90	12.21	386.20	12.95	430.90	14.43
	46	207.50	7.18	252.20	8.67	296.80	10.18	319.20	10.93	363.90	12.41	386.20	13.14	430.90	14.62
	50	207.50	7.31	252.20	8.82	296.80	10.31	319.20	11.06	363.90	12.54	386.20	13.29	430.90	14.78
	54	207.50	7.44	252.20	8.94	296.80	10.45	319.20	11.21	363.90	12.70	386.20	13.45	430.90	14.95
	57	207.50	7.56	252.20	9.08	296.80	10.61	319.20	11.37	363.90	12.90	386.20	13.67	430.90	15.22
	61	207.50	7.71	252.20	9.26	296.80	10.82	319.20	11.59	363.90	13.18	386.20	13.98	430.90	15.59
	64	207.50	7.89	252.20	9.48	296.80	11.09	319.20	11.89	363.90	13.55	386.20	14.39	430.90	16.08
	68	207.50	8.04	252.20	9.73	296.80	11.41	319.20	12.27	363.90	14.00	386.20	14.88	430.90	16.67
	72	207.50	8.24	252.20	10.02	296.80	11.82	319.20	12.73	363.90	14.57	386.20	15.52	430.90	17.43
	75	207.50	8.50	252.20	10.41	296.80	12.33	319.20	13.31	363.90	15.30	386.20	16.33	430.90	18.46
	79	207.50	8.82	252.20	10.86	296.80	12.93	319.20	13.99	363.90	16.19	386.20	17.32	430.90	19.64
	82	207.50	9.21	252.20	11.43	296.80	13.69	319.20	14.83	363.90	17.17	386.20	18.38	430.90	20.83
	86	207.50	9.67	252.20	12.06	296.80	14.48	319.20	15.70	363.90	18.21	386.20	19.50	430.90	22.14
	90	207.50	10.24	252.20	12.79	296.80	15.43	319.20	16.77	363.90	19.49	386.20	20.90	430.90	23.84
	93	207.50	10.90	252.20	13.70	296.80	16.55	319.20	17.98	363.90	20.96	386.20	22.50	430.90	25.64
	95	207.50	11.35	252.20	14.24	296.80	17.20	319.20	18.70	363.90	21.79	386.20	23.37	430.90	26.58
	99	207.50	12.36	252.20	15.50	296.80	18.68	319.20	20.27	363.90	23.51	386.20	25.17	430.90	28.50
	102	207.50	13.65	252.20	16.96	296.80	20.36	319.20	22.10	363.90	25.48	386.20	27.15	430.90	30.50
	106	207.50	14.92	252.20	18.54	296.80	22.29	319.20	24.21	363.90	27.60	386.20	29.28	430.90	32.55
	111	207.50	17.23	252.20	21.42	296.80	25.70	319.20	27.87	363.90	31.19	386.20	32.84	430.90	36.08
	115	207.50	19.24	252.20	23.78	296.80	28.41	319.20	30.76	363.40	34.07	382.70	35.45	414.40	37.17
	118	207.50	21.81	246.50	26.22	286.60	30.68	307.00	32.93	331.40	33.44	343.30	33.63	366.90	33.92
	120	190.50	22.19	227.60	25.92	265.10	29.67	284.00	31.57	307.30	31.82	319.10	31.95	342.80	32.24
	122	179.10	21.08	214.00	24.62	249.20	28.18	266.90	29.99	288.90	30.24	299.90	30.34	322.30	30.63
60	5	177.90	3.94	216.20	5.12	254.50	6.25	273.60	6.95	311.90	7.81	331.00	8.24	369.30	9.10
	10	177.90	4.19	216.20	5.40	254.50	6.54	273.60	7.24	311.90	8.13	331.00	8.58	369.30	9.48
	14	177.90	4.47	216.20	5.68	254.50	6.85	273.60	7.54	311.90	8.47	331.00	8.94	369.30	9.88
	23	177.90	4.75	216.20	5.98	254.50	7.17	273.60	7.86	311.90	8.82	331.00	9.31	369.30	10.29
	27	177.90	5.05	216.20	6.30	254.50	7.51	273.60	8.18	311.90	9.19	331.00	9.69	369.30	10.72
	32	177.90	5.37	216.20	6.63	254.50	7.86	273.60	8.52	311.90	9.57	331.00	10.10	369.30	11.17
	37	177.90	5.71	216.20	6.98	254.50	8.23	273.60	8.87	311.90	9.98	331.00	10.52	369.30	11.64
	41	177.90	6.08	216.20	7.35	254.50	8.61	273.60	9.24	311.90	10.39	331.00	10.96	369.30	12.12
	46	177.90	6.22	216.20	7.49	254.50	8.75	273.60	9.39	311.90	10.56	331.00	11.13	369.30	12.31
	50	177.90	6.31	216.20	7.58	254.50	8.86	273.60	9.50	311.90	10.68	331.00	11.27	369.30	12.43
	54	177.90	6.40	216.20	7.70	254.50	8.98	273.60	9.64	311.90	10.81	331.00	11.40	369.30	12.59
	57	177.90	6.50	216.20	7.82	254.50	9.12	273.60	9.78	311.90	10.98	331.00	11.58	369.30	12.79
	61	177.90	6.60	216.20	7.95	254.50	9.28	273.60	9.95	311.90	11.19	331.00	11.81	369.30	13.06
	64	177.90	6.76	216.20	8.12	254.50	9.49	273.60	10.19	311.90	11.47	331.00	12.12	369.30	13.44
	68	177.90	6.92	216.20	8.32	254.50	9.74	273.60	10.46	311.90	11.83	331.00	12.53	369.30	13.94
	72	177.90	7.05	216.20	8.54	254.50	10.04	273.60	10.79	311.90	12.26	331.00	13.00	369.30	14.50
	75	177.90	7.24	216.20	8.84	254.50	10.44	273.60	11.26	311.90	12.83	331.00	13.63	369.30	15.26
	79	177.90	7.45	216.20	9.17	254.50	10.92	273.60	11.79	311.90	13.51	331.00	14.40	369.30	16.20
	82	177.90	7.74	216.20	9.59	254.50	11.47	273.60	12.44	311.90	14.31	331.00	15.27	369.30	17.24
	86	177.90	8.08	216.20	10.07	254.50	12.08	273.60	13.10	311.90	15.13	331.00	16.17	369.30	18.31
	90	177.90	8.52	216.20	10.62	254.50	12.77	273.60	13.86	311.90	16.10	331.00	17.24	369.30	19.62
	93	177.90	8.97	216.20	11.26	254.50	13.59	273.60	14.75	311.90	17.25	331.00	18.53	369.30	21.12
	95	177.90	9.34	216.20	11.70	254.50	14.12	273.60	15.36	311.90	17.95	331.00	19.27	369.30	21.94
	99	177.90	10.08	216.20	12.71	254.50	15.40	273.60	16.75	311.90	19.48	331.00	20.86	369.30	23.68
	102	177.90	11.18	216.20	13.97	254.50	16.81	273.60	18.24	311.90	21.14	331.00	22.59	369.30	25.48
	106	177.90	12.29	216.20	15.37	254.50	18.54	273.60	20.17	311.90	23.08	331.00	24.51	369.30	27.36
	111	177.90	14.28	216.20	17.85	254.50	21.52	273.60	23.38	311.90	26.18	331.00	27.56	369.30	30.25
	115	177.90	15.89	216.20	19.79	254.50	23.71	273.60	25.69	311.90	28.45	331.00	29.80	369.30	32.40
	118	177.90	18.26	215.20	22.34	253.90	26.45	273.60	28.50	301.50	30.83	314.70	31.66	339.90	32.68
	120	168.50	19.70	203.00	23.60	238.00	27.52	256.00	29.50	279.70	30.25	291.70	30.58	315.80	31.16
	122	158.30	18.71	190.90	22.42	223.70	26.14	240.60	28.03	263.00	28.74	274.30	29.05	296.80	29.60

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC456S4M

Cooling

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature(°F)	Indoor Temperature (°F)													
		68 (20.0°C, DB)		73 (22.8°C, DB)		79 (26.1°C, DB)		80 (26.7°C, DB)		85 (29.4°C, DB)		87 (30.6°C, DB)		89 (31.7°C, DB)	
		57 (13.9°C, WB)		61 (16.1°C, WB)		64 (17.8°C, WB)		67 (19.4°C, WB)		70 (21.1°C, WB)		72 (22.2°C, WB)		75 (23.9°C, WB)	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	148.20	3.35	180.10	4.33	212.10	5.24	228.00	5.82	259.90	6.43	275.90	6.75	307.80	7.37
	10	148.20	3.56	180.10	4.56	212.10	5.49	228.00	6.07	259.90	6.71	275.90	7.03	307.80	7.68
	14	148.20	3.79	180.10	4.80	212.10	5.74	228.00	6.32	259.90	6.99	275.90	7.32	307.80	8.00
	23	148.20	4.03	180.10	5.05	212.10	6.02	228.00	6.57	259.90	7.28	275.90	7.62	307.80	8.34
	27	148.20	4.28	180.10	5.31	212.10	6.30	228.00	6.85	259.90	7.58	275.90	7.94	307.80	8.68
	32	148.20	4.56	180.10	5.59	212.10	6.60	228.00	7.13	259.90	7.90	275.90	8.28	307.80	9.05
	37	148.20	4.85	180.10	5.88	212.10	6.91	228.00	7.43	259.90	8.23	275.90	8.62	307.80	9.43
	41	148.20	5.16	180.10	6.19	212.10	7.23	228.00	7.74	259.90	8.57	275.90	8.98	307.80	9.81
	46	148.20	5.27	180.10	6.30	212.10	7.33	228.00	7.85	259.90	8.70	275.90	9.13	307.80	9.99
	50	148.20	5.33	180.10	6.38	212.10	7.42	228.00	7.95	259.90	8.81	275.90	9.25	307.80	10.11
	54	148.20	5.39	180.10	6.46	212.10	7.53	228.00	8.08	259.90	8.94	275.90	9.38	307.80	10.24
	57	148.20	5.45	180.10	6.55	212.10	7.65	228.00	8.20	259.90	9.07	275.90	9.52	307.80	10.40
	61	148.20	5.54	180.10	6.64	212.10	7.77	228.00	8.33	259.90	9.23	275.90	9.68	307.80	10.59
	64	148.20	5.66	180.10	6.79	212.10	7.92	228.00	8.49	259.90	9.43	275.90	9.90	307.80	10.84
	68	148.20	5.78	180.10	6.94	212.10	8.11	228.00	8.69	259.90	9.71	275.90	10.23	307.80	11.28
	72	148.20	5.91	180.10	7.11	212.10	8.33	228.00	8.94	259.90	10.04	275.90	10.62	307.80	11.74
	75	148.20	6.01	180.10	7.30	212.10	8.59	228.00	9.25	259.90	10.45	275.90	11.06	307.80	12.28
	79	148.20	6.18	180.10	7.56	212.10	8.98	228.00	9.71	259.90	10.99	275.90	11.65	307.80	12.98
	82	148.20	6.33	180.10	7.85	212.10	9.39	228.00	10.18	259.90	11.60	275.90	12.33	307.80	13.81
	86	148.20	6.57	180.10	8.18	212.10	9.83	228.00	10.65	259.90	12.24	275.90	13.06	307.80	14.72
	90	148.20	6.89	180.10	8.58	212.10	10.30	228.00	11.15	259.90	12.95	275.90	13.87	307.80	15.76
	93	148.20	7.20	180.10	9.02	212.10	10.85	228.00	11.78	259.90	13.82	275.90	14.84	307.80	16.96
	95	148.20	7.43	180.10	9.30	212.10	11.19	228.00	12.13	259.90	14.30	275.90	15.40	307.80	17.61
	99	148.20	8.06	180.10	10.11	212.10	12.25	228.00	13.35	259.90	15.62	275.90	16.76	307.80	19.07
	102	148.20	8.83	180.10	11.15	212.10	13.49	228.00	14.68	259.90	17.06	275.90	18.25	307.80	20.68
	106	148.20	9.87	180.10	12.33	212.10	14.91	228.00	16.25	259.90	18.73	275.90	19.97	307.80	22.42
	111	148.20	11.60	180.10	14.57	212.10	17.63	228.00	19.20	259.90	21.56	275.90	22.73	307.80	25.05
	115	148.20	12.93	180.10	16.15	212.10	19.47	228.00	21.16	259.90	23.45	275.90	24.59	307.80	26.80
	118	148.20	14.61	180.10	18.17	212.10	21.62	228.00	23.30	259.90	25.53	275.90	26.59	307.80	28.61
	120	148.20	16.07	180.10	19.54	212.10	22.97	228.00	24.68	251.00	26.74	263.20	27.71	288.70	29.55
	122	148.20	17.19	180.10	20.91	212.10	24.58	228.00	26.40	251.00	28.62	250.00	27.16	274.30	28.96

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC456S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-21.8	-22.0	395.40	38.53	386.00	40.92	381.40	41.83	376.70	43.40	365.90	45.79	355.30	48.83
	-17.8	-18.0	424.90	40.35	415.60	42.74	411.00	43.65	406.30	45.23	395.50	47.61	384.90	50.66
	-12.6	-13.0	469.30	43.09	460.00	45.47	455.20	46.39	450.70	47.96	440.00	50.34	429.30	53.39
	-7.1	-7.6	513.70	45.82	504.40	48.21	499.70	49.12	495.10	50.69	484.30	53.08	473.70	56.14
	-3.6	-4.0	543.30	47.65	534.00	50.03	529.30	50.94	524.70	52.52	513.90	54.91	498.70	57.71
	-1.8	-2.2	558.10	48.56	548.80	50.94	544.00	51.86	539.50	53.44	528.80	55.82	506.20	58.06
	2.0	1.0	587.70	50.38	578.40	52.77	573.60	53.69	569.00	55.26	554.10	57.40	512.30	58.06
	6.0	5.0	632.10	53.13	622.80	55.51	616.80	56.42	607.40	57.75	565.70	58.06	521.60	58.06
	10.0	9.0	661.70	54.95	647.90	57.09	634.80	57.75	615.10	58.06	571.90	58.06	527.80	58.06
	13.0	12.0	676.50	55.86	655.30	57.75	638.40	58.06	618.20	58.06	575.00	58.06	530.90	58.06
	17.0	15.0	703.30	57.75	665.70	58.06	647.70	58.06	627.50	58.06	584.40	58.06	540.30	58.06
	19.0	18.0	708.40	58.06	668.90	58.06	650.80	58.06	630.50	58.06	587.40	58.06	543.40	58.06
	23.0	21.0	714.60	58.06	675.10	58.06	657.00	58.06	636.80	58.06	593.70	58.06	549.60	58.06
	26.0	24.0	720.80	58.06	681.20	58.06	663.30	58.06	643.00	58.06	599.90	58.06	555.80	57.50
	30.0	28.0	727.00	58.06	687.50	58.06	669.50	58.06	649.20	58.06	606.10	58.06	558.40	54.91
	35.0	32.0	736.40	58.06	696.80	58.06	678.80	58.06	658.50	58.06	611.90	55.26	560.20	50.32
	39.0	36.0	742.50	58.06	703.00	58.06	685.00	57.97	663.40	56.62	613.60	52.90	560.20	46.79
	44.0	40.0	748.80	58.06	709.10	57.47	687.60	55.85	665.20	54.22	613.60	49.23	560.20	43.62
	47.0	43.0	751.90	58.06	711.00	56.24	688.50	54.66	666.00	53.11	613.60	47.54	560.20	42.17
	51.0	47.0	756.90	57.05	712.70	53.97	690.20	52.19	666.90	49.72	613.60	44.51	560.20	39.57
	54.0	50.0	758.60	54.76	713.60	51.19	690.20	48.86	666.90	46.60	613.60	41.80	560.20	37.27
	57.0	53.0	760.30	50.90	713.60	46.60	690.20	44.55	666.90	42.55	613.60	38.33	560.20	34.29
	60.0	56.0	760.30	47.93	713.60	43.97	690.20	42.08	666.90	40.24	613.60	36.36	560.20	32.62
120	-21.8	-22.0	383.60	41.27	375.00	43.40	370.70	44.32	366.50	45.55	356.60	47.92	346.80	50.41
	-17.8	-18.0	413.20	43.09	404.60	45.23	400.30	46.14	396.10	47.36	386.20	49.74	376.40	52.23
	-12.6	-13.0	457.60	45.82	449.00	47.96	444.70	48.87	440.40	50.09	430.50	52.48	420.70	54.97
	-7.1	-7.6	502.00	48.56	493.40	50.69	489.10	51.61	484.80	52.83	475.00	55.22	462.10	57.71
	-3.6	-4.0	531.60	50.38	523.00	52.52	518.60	53.44	514.40	54.66	503.40	57.05	473.30	58.06
	-1.8	-2.2	546.40	51.29	537.80	53.44	533.40	54.35	529.10	55.57	513.90	57.71	476.30	58.06
	2.0	1.0	576.00	53.13	567.40	55.26	563.00	56.17	555.70	57.40	521.60	58.06	482.50	58.06
	6.0	5.0	620.40	55.86	604.90	57.75	588.50	58.06	570.90	58.06	530.90	58.06	491.90	58.06
	10.0	9.0	643.30	57.44	613.10	58.06	594.60	58.06	577.00	58.06	537.10	58.06	498.20	58.06
	13.0	12.0	649.30	57.75	616.30	58.06	597.60	58.06	580.10	58.06	540.30	58.06	501.20	58.06
	17.0	15.0	659.30	58.06	625.40	58.06	607.00	58.06	589.40	58.06	549.50	58.06	510.50	58.06
	19.0	18.0	662.40	58.06	628.50	58.06	610.10	58.06	592.60	58.06	552.70	58.06	513.70	57.23
	23.0	21.0	668.60	58.06	634.70	58.06	616.30	58.06	598.80	58.06	558.90	58.06	515.40	54.57
	26.0	24.0	674.70	58.06	641.00	58.06	622.60	58.06	605.00	58.06	563.80	56.15	517.10	51.55
	30.0	28.0	681.00	58.06	647.20	58.06	628.80	58.06	611.20	57.52	565.50	53.65	517.10	47.73
	35.0	32.0	690.20	58.06	655.20	57.09	634.60	55.40	614.70	53.78	566.40	48.33	517.10	42.69
	39.0	36.0	696.50	57.66	656.90	54.59	636.30	53.03	615.60	50.47	566.40	44.94	517.10	39.77
	44.0	40.0	699.20	55.30	658.60	51.84	637.20	49.35	615.60	46.96	566.40	41.89	517.10	37.13
	47.0	43.0	700.10	54.13	658.60	50.02	637.20	47.65	615.60	45.35	566.40	40.50	517.10	35.94
	51.0	47.0	701.80	51.31	658.60	46.74	637.20	44.57	615.60	42.46	566.40	38.00	517.10	33.80
	54.0	50.0	701.80	48.02	658.60	43.81	637.20	41.82	615.60	39.88	566.40	35.79	517.10	31.90
	57.0	53.0	701.80	43.75	658.60	40.03	637.20	38.28	615.60	36.56	566.40	32.94	517.10	29.47
	60.0	56.0	701.80	41.31	658.60	37.89	637.20	36.27	615.60	34.67	566.40	31.33	517.10	28.09
110	-21.8	-22.0	371.90	43.96	364.00	45.79	360.10	46.70	356.20	47.67	347.20	49.74	326.30	51.01
	-17.8	-18.0	401.50	45.79	393.60	47.61	389.70	48.52	385.70	49.49	376.70	51.57	355.90	52.83
	-12.6	-13.0	446.00	48.52	438.10	50.34	434.00	51.26	430.10	52.23	421.00	54.31	400.40	55.57
	-7.1	-7.6	490.30	51.26	482.30	53.08	478.50	54.00	474.50	54.97	465.30	57.05	438.50	58.06
	-3.6	-4.0	519.90	53.08	511.90	54.91	508.10	55.82	504.10	56.80	478.50	58.06	444.70	58.06
	-1.8	-2.2	534.80	54.00	526.80	55.82	522.30	56.74	515.80	57.71	481.50	58.06	447.90	58.06
	2.0	1.0	564.40	55.82	552.80	57.40	539.30	58.06	523.60	58.06	487.80	58.06	454.10	58.06
	6.0	5.0	596.40	58.06	565.30	58.06	548.60	58.06	532.90	58.06	497.20	58.06	463.40	58.06
	10.0	9.0	602.60	58.06	571.50	58.06	554.90	58.06	539.10	58.06	503.30	58.06	469.60	57.95
	13.0	12.0	605.70	58.06	574.60	58.06	557.90	58.06	542.20	58.06	506.40	58.06	471.40	56.92
	17.0	15.0	615.00	58.06	583.90	58.06	567.30	58.06	551.60	58.06	515.60	57.20	474.00	52.99
	19.0	18.0	618.20	58.06	587.00	58.06	570.40	58.06	554.60	58.06	516.50	55.84	474.00	50.90
	23.0	21.0	624.40	58.06	593.20	58.06	576.50	58.06	560.80	57.23	518.20	53.29	474.00	47.02
	26.0	24.0	630.60	58.06	599.50	57.80	581.40	56.31	562.60	54.59	519.10	49.45	474.00	43.52
	30.0	28.0	636.70	58.06	602.10	55.40	583.20	53.77	564.30	51.60	519.10	45.79	474.00	40.35
	35.0	32.0	641.60	54.84	603.80	50.98	584.00	48.50	564.30	46.06	519.10	40.95	474.00	36.17
	39.0	36.0	643.40	52.17	603.80	47.35	584.00	45.06	564.30	42.83	519.10	38.15	474.00	33.74
	44.0	40.0	643.40	48.50	603.80	44.08	584.00	41.98	564.30	39.94	519.10	35.63	474.00	31.57
	47.0	43.0	643.40	46.81	603.80	42.58	584.00	40.56	564.30	38.61	519.10	34.48	474.00	30.58
	51.0	47.0	643.40	43.78	603.80	39.89	584.00	38.02	564.30	36.23	519.10	32.42	474.00	28.82
	54.0	50.0	643.40	41.06	603.80	37.49	584.00	35.76	564.30	34.12	519.10	30.60	474.00	27.26
	57.0	53.0	643.40	37.56	603.80	34.41	584.00	32.86	564.30	31.40	519.10	28.27	474.00	25.28
	60.0	56.0	643.40	35.56	603.80	32.66	584.00	31.21	564.30	29.86	519.10	26.95	474.00	24.15

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

1. Capacity table

VPC/VRC456S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-21.8	-22.0	360.20	46.45	353.10	48.27	349.40	49.18	345.90	50.36	325.40	50.41	304.90	51.67
	-17.8	-18.0	389.80	48.27	382.70	50.09	379.00	51.01	375.50	52.20	355.00	52.23	334.40	53.50
	-12.6	-13.0	434.30	51.01	427.00	52.83	423.50	53.75	419.80	54.93	399.40	54.97	378.80	56.24
	-7.1	-7.6	478.60	53.75	471.40	55.57	467.80	56.49	463.70	57.58	439.60	57.71	407.90	58.06
	-3.6	-4.0	508.10	55.57	499.00	57.40	490.20	58.06	477.50	58.06	445.80	58.06	414.10	58.06
	-1.8	-2.2	523.00	56.49	507.30	58.06	493.30	58.06	480.70	58.06	449.00	58.06	417.20	58.06
	2.0	1.0	542.30	58.06	513.50	58.06	499.50	58.06	486.80	58.06	455.20	58.06	423.40	58.06
	6.0	5.0	551.60	58.06	522.80	58.06	508.90	58.06	496.20	58.06	464.40	58.06	429.20	55.20
	10.0	9.0	557.80	58.06	529.00	58.06	515.10	58.06	502.40	58.06	469.30	56.80	430.90	52.38
	13.0	12.0	560.90	58.06	532.10	58.06	518.20	58.06	505.50	58.06	470.20	55.42	430.90	50.29
	17.0	15.0	570.20	58.06	541.40	58.06	527.50	57.24	511.30	55.46	471.90	50.69	430.90	44.56
	19.0	18.0	573.40	58.06	544.50	57.55	528.40	55.87	512.10	54.17	471.90	48.68	430.90	42.82
	23.0	21.0	579.60	57.95	547.20	54.93	530.10	53.31	513.00	50.81	471.90	44.98	430.90	39.59
	26.0	24.0	582.20	55.61	548.90	52.08	531.00	49.47	513.00	46.98	471.90	41.63	430.90	36.67
	30.0	28.0	584.00	53.13	548.90	48.19	531.00	45.79	513.00	43.50	471.90	38.59	430.90	34.03
	35.0	32.0	584.80	47.49	548.90	43.05	531.00	40.94	513.00	38.91	471.90	34.59	430.90	30.57
	39.0	36.0	584.80	44.13	548.90	40.05	531.00	38.11	513.00	36.23	471.90	32.27	430.90	28.56
	44.0	40.0	584.80	41.11	548.90	37.36	531.00	35.58	513.00	33.85	471.90	30.20	430.90	26.77
	47.0	43.0	584.80	39.72	548.90	36.13	531.00	34.41	513.00	32.75	471.90	29.25	430.90	25.95
	51.0	47.0	584.80	37.23	548.90	33.93	531.00	32.33	513.00	30.79	471.90	27.56	430.90	24.50
	54.0	50.0	584.80	35.03	548.90	31.98	531.00	30.49	513.00	29.07	471.90	26.08	430.90	23.22
	57.0	53.0	584.80	32.18	548.90	29.47	531.00	28.14	513.00	26.85	471.90	24.17	430.90	21.60
	60.0	56.0	584.80	30.57	548.90	28.04	531.00	26.81	513.00	25.60	471.90	23.10	430.90	20.69
90	-21.8	-22.0	348.60	49.49	336.40	50.41	328.20	50.66	320.20	51.01	301.80	51.67	283.30	51.92
	-17.8	-18.0	378.20	51.32	366.00	52.23	357.80	52.48	349.80	52.83	331.40	53.50	312.90	53.75
	-12.6	-13.0	422.50	54.06	410.30	54.97	402.30	55.22	394.20	55.57	375.70	56.24	357.30	56.49
	-7.1	-7.6	466.90	56.80	452.50	57.71	441.90	57.71	431.60	58.06	404.00	58.06	377.20	58.06
	-3.6	-4.0	485.70	58.06	461.70	58.06	448.50	58.06	437.80	58.06	410.20	58.06	383.40	57.94
	-1.8	-2.2	488.80	58.06	464.70	58.06	451.70	58.06	440.90	58.06	413.20	58.06	385.30	56.86
	2.0	1.0	494.90	58.06	471.00	58.06	457.90	58.06	447.10	58.06	419.40	58.06	387.00	54.15
	6.0	5.0	504.20	58.06	480.30	58.06	467.20	58.06	456.50	58.04	423.00	54.35	387.90	48.59
	10.0	9.0	510.40	58.06	486.50	58.06	473.40	57.48	459.10	55.67	424.80	50.98	387.90	44.78
	13.0	12.0	513.60	58.06	489.70	57.70	475.30	56.09	460.00	54.35	424.80	48.95	387.90	42.99
	17.0	15.0	522.90	57.14	493.10	53.83	477.90	51.70	461.70	49.02	424.80	43.37	387.90	38.13
	19.0	18.0	523.70	55.77	494.00	52.29	477.90	49.67	461.70	47.10	424.80	41.68	387.90	36.66
	23.0	21.0	525.50	53.22	494.00	48.29	477.90	45.88	461.70	43.52	424.80	38.55	387.90	33.93
	26.0	24.0	526.30	49.36	494.00	44.67	477.90	42.45	461.70	40.28	424.80	35.71	387.90	31.46
	30.0	28.0	526.30	45.69	494.00	41.38	477.90	39.34	461.70	37.33	424.80	33.15	387.90	29.25
	35.0	32.0	526.30	40.86	494.00	37.05	477.90	35.26	461.70	33.49	424.80	29.78	387.90	26.33
	39.0	36.0	526.30	38.05	494.00	34.53	477.90	32.87	461.70	31.26	424.80	27.84	387.90	24.64
	44.0	40.0	526.30	35.53	494.00	32.29	477.90	30.77	461.70	29.25	424.80	26.10	387.90	23.15
	47.0	43.0	526.30	34.37	494.00	31.26	477.90	29.79	461.70	28.34	424.80	25.31	387.90	22.47
	51.0	47.0	526.30	32.31	494.00	29.44	477.90	28.06	461.70	26.72	424.80	23.90	387.90	21.26
	54.0	50.0	526.30	30.47	494.00	27.80	477.90	26.54	461.70	25.29	424.80	22.67	387.90	20.21
	57.0	53.0	526.30	28.14	494.00	25.74	477.90	24.59	461.70	23.45	424.80	21.10	387.90	18.87
	60.0	56.0	526.30	26.83	494.00	24.57	477.90	23.49	461.70	22.43	424.80	20.22	387.90	18.12
80	-21.8	-22.0	323.30	51.01	308.90	51.32	301.80	51.67	294.60	51.92	278.10	52.58	261.70	52.65
	-17.8	-18.0	352.90	52.83	338.50	53.14	331.40	53.50	324.20	53.75	307.70	54.41	291.30	54.49
	-12.6	-13.0	397.30	55.57	383.00	55.89	375.70	56.24	368.50	56.49	352.20	57.15	335.60	57.22
	-7.1	-7.6	434.70	58.06	413.00	58.06	402.70	58.06	393.60	58.06	370.10	58.06	343.00	55.38
	-3.6	-4.0	440.90	58.06	419.20	58.06	408.90	58.06	399.80	58.06	375.00	56.92	344.80	52.59
	-1.8	-2.2	444.00	58.06	422.30	58.06	412.00	58.06	402.90	58.06	375.90	55.53	344.80	50.46
	2.0	1.0	450.20	58.06	428.50	58.06	418.10	58.06	407.80	56.88	377.60	52.88	344.80	46.46
	6.0	5.0	459.40	58.06	436.60	56.30	423.00	54.59	410.40	52.82	377.60	46.74	344.80	41.07
	10.0	9.0	464.30	56.98	438.30	53.66	424.80	51.36	410.40	48.67	377.60	43.07	344.80	37.87
	13.0	12.0	465.20	55.60	439.20	51.97	424.80	49.31	410.40	46.73	377.60	41.36	344.80	36.37
	17.0	15.0	467.80	50.96	439.20	46.03	424.80	43.70	410.40	41.41	377.60	36.68	344.80	32.28
	19.0	18.0	467.80	48.96	439.20	44.23	424.80	42.00	410.40	39.81	377.60	35.27	344.80	31.05
	23.0	21.0	467.80	45.22	439.20	40.90	424.80	38.83	410.40	36.82	377.60	32.66	344.80	28.76
	26.0	24.0	467.80	41.85	439.20	37.86	424.80	35.97	410.40	34.12	377.60	30.28	344.80	26.70
	30.0	28.0	467.80	38.80	439.20	35.13	424.80	33.39	410.40	31.69	377.60	28.15	344.80	24.85
	35.0	32.0	467.80	34.78	439.20	31.54	424.80	30.01	410.40	28.51	377.60	25.36	344.80	22.42
	39.0	36.0	467.80	32.45	439.20	29.47	424.80	28.05	410.40	26.65	377.60	23.74	344.80	21.03
	44.0	40.0	467.80	30.36	439.20	27.61	424.80	26.29	410.40	25.01	377.60	22.32	344.80	19.78
	47.0	43.0	467.80	29.41	439.20	26.76	424.80	25.50	410.40	24.26	377.60	21.66	344.80	19.22
	51.0	47.0	467.80	27.71	439.20	25.26	424.80	24.09	410.40	22.93	377.60	20.51	344.80	18.23
	54.0	50.0	467.80	26.22	439.20	23.93	424.80	22.84	410.40	21.76	377.60	19.49	344.80	17.36
	57.0	53.0	467.80	24.32	439.20	22.25	424.80	21.26	410.40	20.28	377.60	18.21	344.80	16.25
	60.0	56.0	467.80	23.24	439.20	21.29	424.80	20.36	410.40	19.45	377.60	17.49	344.80	15.64

1) The performance table shows the average value of each condition.
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1. Capacity table

VPC/VRC456S4M

Heating

TC : Total Capacity, PI : Power Input

Combination, % (Capacity index)	Outdoor Temperature (°F)		Indoor temperature(°C, DB)											
	DB	WB	61 (16.1°C, DB)		64 (17.8°C, DB)		68 (20.0°C, DB)		70 (21.1°C, DB)		72 (22.2°C, DB)		75 (23.9°C, DB)	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-21.8	-22.0	294.00	52.23	281.50	52.58	275.30	52.58	268.90	52.83	254.60	51.95	240.10	49.90
	-17.8	-18.0	323.60	54.06	311.10	54.41	304.90	54.41	298.50	54.66	284.20	53.77	269.70	51.72
	-12.6	-13.0	368.10	56.80	355.50	57.15	349.20	57.15	342.70	57.40	325.60	56.50	300.80	53.43
	-7.1	-7.6	389.50	58.06	372.70	58.06	364.20	58.06	354.70	57.57	329.40	53.60	301.70	47.44
	-3.6	-4.0	395.70	58.06	379.00	58.02	369.10	56.59	357.40	54.85	330.30	49.77	301.70	43.67
	-1.8	-2.2	398.80	58.06	380.70	57.02	370.00	55.21	358.20	53.55	330.30	47.75	301.70	41.90
	2.0	1.0	405.00	57.60	382.50	54.30	371.70	52.37	359.10	49.64	330.30	43.96	301.70	38.59
	6.0	5.0	408.50	53.62	384.20	48.83	371.70	46.27	359.10	43.88	330.30	38.87	301.70	34.13
	10.0	9.0	409.40	49.81	384.20	45.00	371.70	42.65	359.10	40.44	330.30	35.84	301.70	31.48
	13.0	12.0	409.40	47.83	384.20	43.21	371.70	40.95	359.10	38.84	330.30	34.42	301.70	30.25
	17.0	15.0	409.40	42.39	384.20	38.33	371.70	36.33	359.10	34.48	330.30	30.56	301.70	26.88
	19.0	18.0	409.40	40.75	384.20	36.84	371.70	34.94	359.10	33.15	330.30	29.40	301.70	25.88
	23.0	21.0	409.40	37.68	384.20	34.09	371.70	32.34	359.10	30.70	330.30	27.25	301.70	24.00
	26.0	24.0	409.40	34.93	384.20	31.62	371.70	30.01	359.10	28.49	330.30	25.31	301.70	22.30
	30.0	28.0	409.40	32.43	384.20	29.39	371.70	27.90	359.10	26.51	330.30	23.56	301.70	20.80
	35.0	32.0	409.40	29.17	384.20	26.45	371.70	25.14	359.10	23.91	330.30	21.29	301.70	18.82
	39.0	36.0	409.40	27.28	384.20	24.78	371.70	23.56	359.10	22.41	330.30	19.98	301.70	17.69
	44.0	40.0	409.40	25.60	384.20	23.26	371.70	22.15	359.10	21.07	330.30	18.81	301.70	16.69
	47.0	43.0	409.40	24.83	384.20	22.58	371.70	21.50	359.10	20.47	330.30	18.28	301.70	16.22
	51.0	47.0	409.40	23.48	384.20	21.36	371.70	20.36	359.10	19.40	330.30	17.34	301.70	15.43
	54.0	50.0	409.40	22.28	384.20	20.31	371.70	19.37	359.10	18.46	330.30	16.53	301.70	14.72
	57.0	53.0	409.40	20.76	384.20	18.96	371.70	18.11	359.10	17.28	330.30	15.50	301.70	13.84
	60.0	56.0	409.40	19.90	384.20	18.20	371.70	17.39	359.10	16.61	330.30	14.92	301.70	13.34
60	-21.8	-22.0	264.80	53.50	254.10	52.36	248.70	52.04	243.30	50.29	230.90	48.17	218.70	44.74
	-17.8	-18.0	294.40	55.32	283.70	54.19	278.30	53.86	272.90	52.11	260.50	50.00	248.30	46.56
	-12.6	-13.0	337.20	58.06	324.70	56.92	315.90	56.60	306.10	54.85	283.10	49.73	258.60	43.71
	-7.1	-7.6	346.50	57.62	328.50	54.32	318.50	52.35	307.80	49.66	283.10	43.92	258.60	38.61
	-3.6	-4.0	349.10	54.90	329.40	50.88	318.50	48.20	307.80	45.72	283.10	40.43	258.60	35.54
	-1.8	-2.2	350.00	53.59	329.40	48.82	318.50	46.25	307.80	43.86	283.10	38.79	258.60	34.10
	2.0	1.0	350.80	49.72	329.40	44.95	318.50	42.58	307.80	40.38	283.10	35.73	258.60	31.41
	6.0	5.0	350.80	43.95	329.40	39.74	318.50	37.65	307.80	35.71	283.10	31.60	258.60	27.80
	10.0	9.0	350.80	40.50	329.40	36.63	318.50	34.72	307.80	32.95	283.10	29.16	258.60	25.66
	13.0	12.0	350.80	38.91	329.40	35.20	318.50	33.36	307.80	31.65	283.10	28.02	258.60	24.67
	17.0	15.0	350.80	34.54	329.40	31.26	318.50	29.64	307.80	28.13	283.10	24.93	258.60	21.95
	19.0	18.0	350.80	33.22	329.40	30.07	318.50	28.52	307.80	27.07	283.10	23.99	258.60	21.13
	23.0	21.0	350.80	30.78	329.40	27.86	318.50	26.44	307.80	25.10	283.10	22.26	258.60	19.63
	26.0	24.0	350.80	28.56	329.40	25.87	318.50	24.56	307.80	23.33	283.10	20.72	258.60	18.28
	30.0	28.0	350.80	26.57	329.40	24.09	318.50	22.88	307.80	21.74	283.10	19.32	258.60	17.06
	35.0	32.0	350.80	23.99	329.40	21.77	318.50	20.69	307.80	19.66	283.10	17.51	258.60	15.48
	39.0	36.0	350.80	22.49	329.40	20.42	318.50	19.43	307.80	18.47	283.10	16.47	258.60	14.58
	44.0	40.0	350.80	21.15	329.40	19.23	318.50	18.31	307.80	17.41	283.10	15.55	258.60	13.79
	47.0	43.0	350.80	20.55	329.40	18.69	318.50	17.80	307.80	16.93	283.10	15.13	258.60	13.42
	51.0	47.0	350.80	19.49	329.40	17.74	318.50	16.91	307.80	16.09	283.10	14.41	258.60	12.79
	54.0	50.0	350.80	18.56	329.40	16.91	318.50	16.13	307.80	15.36	283.10	13.76	258.60	12.24
	57.0	53.0	350.80	17.37	329.40	15.85	318.50	15.14	307.80	14.42	283.10	12.95	258.60	11.54
	60.0	56.0	350.80	16.71	329.40	15.26	318.50	14.59	307.80	13.89	283.10	12.51	258.60	11.15
50	-21.8	-22.0	235.60	51.61	226.60	48.74	222.10	46.92	217.60	45.50	207.40	41.61	197.10	38.24
	-17.8	-18.0	265.20	53.43	256.20	50.57	251.70	48.74	247.20	47.33	234.10	43.44	215.40	39.24
	-12.6	-13.0	291.60	53.94	274.50	49.32	265.50	46.85	256.50	44.42	236.00	39.36	215.40	34.66
	-7.1	-7.6	292.40	48.24	274.50	43.56	265.50	41.37	256.50	39.23	236.00	34.78	215.40	30.61
	-3.6	-4.0	292.40	44.41	274.50	40.10	265.50	38.10	256.50	36.11	236.00	32.02	215.40	28.17
	-1.8	-2.2	292.40	42.61	274.50	38.48	265.50	36.55	256.50	34.66	236.00	30.72	215.40	27.05
	2.0	1.0	292.40	39.23	274.50	35.44	265.50	33.66	256.50	31.93	236.00	28.30	215.40	24.92
	6.0	5.0	292.40	34.72	274.50	31.34	265.50	29.79	256.50	28.26	236.00	25.05	215.40	22.06
	10.0	9.0	292.40	32.01	274.50	28.93	265.50	27.50	256.50	26.08	236.00	23.14	215.40	20.38
	13.0	12.0	292.40	30.77	274.50	27.81	265.50	26.42	256.50	25.07	236.00	22.24	215.40	19.61
	17.0	15.0	292.40	27.36	274.50	24.74	265.50	23.52	256.50	22.32	236.00	19.82	215.40	17.48
	19.0	18.0	292.40	26.33	274.50	23.82	265.50	22.64	256.50	21.49	236.00	19.08	215.40	16.83
	23.0	21.0	292.40	24.42	274.50	22.10	265.50	21.02	256.50	19.96	236.00	17.73	215.40	15.66
	26.0	24.0	292.40	22.71	274.50	20.56	265.50	19.56	256.50	18.58	236.00	16.52	215.40	14.59
	30.0	28.0	292.40	21.17	274.50	19.20	265.50	18.26	256.50	17.35	236.00	15.44	215.40	13.65
	35.0	32.0	292.40	19.18	274.50	17.39	265.50	16.56	256.50	15.75	236.00	14.03	215.40	12.42
	39.0	36.0	292.40	18.02	274.50	16.36	265.50	15.59	256.50	14.83	236.00	13.23	215.40	11.72
	44.0	40.0	292.40	17.01	274.50	15.46	265.50	14.74	256.50	14.02	236.00	12.52	215.40	11.10
	47.0	43.0	292.40	16.54	274.50	15.05	265.50	14.34	256.50	13.65	236.00	12.20	215.40	10.82
	51.0	47.0	292.40	15.73	274.50	14.33	265.50	13.66	256.50	13.02	236.00	11.64	215.40	10.33
	54.0	50.0	292.40	15.03	274.50	13.70	265.50	13.07	256.50	12.46	236.00	11.14	215.40	9.91
	57.0	53.0	292.40	14.13	274.50	12.90	265.50	12.32	256.50	11.74	236.00	10.54	215.40	9.37
	60.0	56.0	292.40	13.63	274.50	12.47	265.50	11.89	256.50	11.36	236.00	10.19	215.40	9.07

1) The performance table shows the average value of each condition.
2) Please contact your local Samsung representative for further details if the project requires you to design the project with a connection ratio greater than 130%

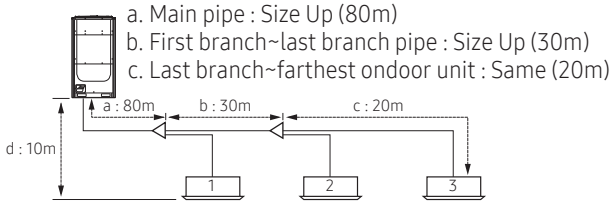
2. Capacity correction

Outdoor

1. Correction coefficient(α) represents the capacity change rate of the system during the maximum load operation in the standard condition. (The correction coefficient(α) value is not much different from that of the standard condition.)
2. When the equivalent length of main pipe is 90m or more between the outdoor unit and the farthest indoor unit, the diameter of the main gas and liquid pipes must be increased by one grade larger.
3. When the pipe length after the first refrigerant branch kit is 45m or more, the diameter of the gas and liquid pipes between first and final branch kit must be increased by one grade larger.
4. In this cases, correction coefficient(α) is measured as below based on the overall equivalent length.
   → The overall equivalent length = (Equivalent length of main pipe x correction factor) +
   (Equivalent length of first branch ~ last branch pipe x correction factor) +
   (Equivalent length of last branch ~ farthest indoor unit)

	Correction Factor	
	Standard Size	Size increase
Cooling	1.0	0.5
Heating	1.0	0.2

ex) When the condition is System 8HP.



① Cooling : The overall equivalent length = 80 x 0.5 + 30 x 0.5 + 20 = 75(m)
cooling correction coefficient(α) = 0.86

② Heating : The overall equivalent length = 80 x 0.2 + 30 x 0.2 + 20 = 42(m)
heating correction coefficient(α) = 0.97

5. The correction coefficient(α) can be reduced according to the condition of pipe insulation.

2. Capacity correction

Outdoor

6Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.80	0.78	0.76	0.75	0.74	0.72	0.71	0.69	0.68	0.67	0.65	0.64
328	-	-	-	-	-	-	-	-	-	-	0.81	0.80	0.78	0.77	0.75	0.74	0.72	0.71	0.70	0.68	0.67	0.66	0.64
295	-	-	-	-	-	-	-	-	-	0.83	0.82	0.80	0.79	0.77	0.76	0.74	0.73	0.71	0.70	0.69	0.67	0.66	0.65
262	-	-	-	-	-	-	-	-	0.85	0.83	0.82	0.80	0.79	0.77	0.76	0.74	0.73	0.72	0.70	0.69	0.68	0.66	0.65
230	-	-	-	-	-	-	-	0.87	0.85	0.84	0.82	0.81	0.79	0.78	0.76	0.75	0.73	0.72	0.71	0.69	0.68	0.67	0.65
197	-	-	-	-	-	-	0.89	0.87	0.86	0.84	0.82	0.81	0.79	0.78	0.76	0.75	0.74	0.72	0.71	0.69	0.68	0.67	0.66
164	-	-	-	-	-	0.91	0.89	0.88	0.86	0.84	0.83	0.81	0.80	0.78	0.77	0.75	0.74	0.72	0.71	0.70	0.68	0.67	0.66
131	-	-	-	-	0.93	0.91	0.89	0.88	0.86	0.84	0.83	0.81	0.80	0.78	0.77	0.76	0.74	0.73	0.71	0.70	0.69	0.68	0.66
98	-	-	-	0.95	0.93	0.91	0.90	0.88	0.86	0.85	0.83	0.82	0.80	0.79	0.77	0.76	0.74	0.73	0.72	0.70	0.69	0.68	0.67
66	-	-	0.97	0.95	0.93	0.92	0.90	0.88	0.87	0.85	0.83	0.82	0.80	0.79	0.77	0.76	0.75	0.73	0.72	0.71	0.69	0.68	0.67
33	-	0.99	0.97	0.95	0.94	0.92	0.90	0.88	0.87	0.85	0.84	0.82	0.81	0.79	0.78	0.76	0.75	0.74	0.72	0.71	0.70	0.68	0.67
0	1.00	1.00	0.98	0.96	0.94	0.92	0.90	0.89	0.87	0.85	0.84	0.82	0.81	0.79	0.78	0.77	0.75	0.74	0.73	0.71	0.70	0.69	0.68
-33	-	1.00	0.98	0.96	0.94	0.92	0.91	0.89	0.87	0.86	0.84	0.83	0.81	0.80	0.78	0.77	0.76	0.74	0.73	0.72	0.70	0.69	0.68
-66	-	-	0.98	0.96	0.94	0.93	0.91	0.89	0.88	0.86	0.84	0.83	0.81	0.80	0.79	0.77	0.76	0.75	0.73	0.72	0.71	0.69	0.68
-98	-	-	-	0.96	0.94	0.93	0.91	0.89	0.88	0.86	0.85	0.83	0.82	0.80	0.79	0.77	0.76	0.75	0.73	0.72	0.71	0.70	0.68
-131	-	-	-	-	0.95	0.93	0.91	0.90	0.88	0.86	0.85	0.83	0.82	0.81	0.79	0.78	0.76	0.75	0.74	0.73	0.71	0.70	0.69
-164	-	-	-	-	-	0.93	0.92	0.90	0.88	0.87	0.85	0.84	0.82	0.81	0.79	0.78	0.77	0.75	0.74	0.73	0.72	0.70	0.69
-197	-	-	-	-	-	-	0.92	0.90	0.89	0.87	0.85	0.84	0.83	0.81	0.80	0.78	0.77	0.76	0.74	0.73	0.72	0.71	0.69
-230	-	-	-	-	-	-	-	0.90	0.89	0.87	0.86	0.84	0.83	0.81	0.80	0.79	0.77	0.76	0.75	0.73	0.72	0.71	0.70
-262	-	-	-	-	-	-	-	-	0.89	0.87	0.86	0.84	0.83	0.82	0.80	0.79	0.78	0.76	0.75	0.74	0.72	0.71	0.70
-295	-	-	-	-	-	-	-	-	-	0.88	0.86	0.85	0.83	0.82	0.81	0.79	0.78	0.77	0.75	0.74	0.73	0.72	0.70
-328	-	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.82	0.81	0.79	0.78	0.77	0.76	0.74	0.73	0.72	0.71
-361	-	-	-	-	-	-	-	-	-	-	-	0.85	0.84	0.82	0.81	0.80	0.78	0.77	0.76	0.75	0.73	0.72	0.71

Heating

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
328	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
295	-	-	-	-	-	-	-	-	-	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
262	-	-	-	-	-	-	-	-	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
230	-	-	-	-	-	-	-	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
197	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
164	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
131	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
98	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
66	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
33	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
0	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-33	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-66	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-98	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-131	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-164	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-197	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-230	-	-	-	-	-	-	-	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-262	-	-	-	-	-	-	-	-	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-295	-	-	-	-	-	-	-	-	-	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-328	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-361	-	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81

2. Capacity correction

Outdoor

8Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.73	0.72	0.71
328	-	-	-	-	-	-	-	-	-	-	0.85	0.84	0.83	0.82	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.72
295	-	-	-	-	-	-	-	-	-	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.78	0.77	0.76	0.75	0.74	0.73	0.72
262	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.76	0.75	0.74	0.73	0.72
230	-	-	-	-	-	-	-	0.90	0.89	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73
197	-	-	-	-	-	-	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73
164	-	-	-	-	-	0.93	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75	0.74	0.73
131	-	-	-	-	0.95	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.75	0.74	0.73
98	-	-	-	0.96	0.95	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74
66	-	-	0.98	0.96	0.95	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74
33	-	0.99	0.98	0.97	0.95	0.94	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75	0.74
0	1.00	1.00	0.98	0.97	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75
-33	-	1.00	0.98	0.97	0.96	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75
-66	-	-	0.99	0.97	0.96	0.94	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75
-98	-	-	-	0.97	0.96	0.95	0.93	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.78	0.77	0.76	0.75
-131	-	-	-	-	0.96	0.95	0.94	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
-164	-	-	-	-	-	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
-197	-	-	-	-	-	-	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
-230	-	-	-	-	-	-	-	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
-262	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
-295	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
-328	-	-	-	-	-	-	-	-	-	-	0.90	0.89	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77
-361	-	-	-	-	-	-	-	-	-	-	-	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78

Heating

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
328	-	-	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
295	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
262	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
230	-	-	-	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
197	-	-	-	-	-	-	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
164	-	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
131	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
98	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
66	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
33	-	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
0	1.00	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-33	-	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-66	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-98	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-131	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-164	-	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-197	-	-	-	-	-	-	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-230	-	-	-	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-262	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-295	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-328	-	-	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-361	-	-	-	-	-	-	-	-	-	-	-	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86

2. Capacity correction

Outdoor

10Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																							
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.91	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.87	0.86	0.86	0.85
328	-	-	-	-	-	-	-	-	-	-	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.88	0.87	0.86	0.86	0.85
295	-	-	-	-	-	-	-	-	-	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.87	0.86	0.86
262	-	-	-	-	-	-	-	-	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88	0.88	0.87	0.86	0.86
230	-	-	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.87	0.86
197	-	-	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87	0.86
164	-	-	-	-	-	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.88	0.87	0.87
131	-	-	-	-	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.87
98	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88	0.88	0.87
66	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87
33	-	1.00	0.99	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88	0.88
0	1.00	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.88
-33	-	1.00	0.99	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-66	-	-	1.00	0.99	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-98	-	-	-	0.99	0.99	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-131	-	-	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-164	-	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-197	-	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-230	-	-	-	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90
-262	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90
-295	-	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-328	-	-	-	-	-	-	-	-	-	-	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-361	-	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90

Heating

Level Difference (ft)	Pipe Length (ft)																							
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
328	-	-	-	-	-	-	-	-	-	-	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
295	-	-	-	-	-	-	-	-	-	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
262	-	-	-	-	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
230	-	-	-	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
197	-	-	-	-	-	-	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
164	-	-	-	-	-	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
131	-	-	-	-	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
98	-	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
66	-	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
33	-	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
0	1.00	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
-33	-	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
-66	-	-	1.00	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
-98	-	-	-	0.99	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
-131	-	-	-	-	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
-164	-	-	-	-	-	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
-197	-	-	-	-	-	-	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
-230	-	-	-	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
-262	-	-	-	-	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
-295	-	-	-	-	-	-	-	-	-	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
-328	-	-	-	-	-	-	-	-	-	-	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94
-361	-	-	-	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.95	0.95	0.94	0.94	0.94

2. Capacity correction

Outdoor

12Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.81
328	-	-	-	-	-	-	-	-	-	-	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.82	0.81
295	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.83	0.82	0.81
262	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
230	-	-	-	-	-	-	-	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.82
197	-	-	-	-	-	-	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.83	0.82
164	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.84	0.83	0.82
131	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82
98	-	-	-	0.97	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.83
66	-	-	0.98	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.84	0.83
33	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.83
0	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84
-33	-	1.00	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.84
-66	-	-	0.99	0.98	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84
-98	-	-	-	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84
-131	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85
-164	-	-	-	-	-	0.97	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85
-197	-	-	-	-	-	-	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-230	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-262	-	-	-	-	-	-	-	-	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-295	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86
-328	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86
-361	-	-	-	-	-	-	-	-	-	-	-	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86

Heating

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
328	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
295	-	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
262	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
230	-	-	-	-	-	-	-	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
197	-	-	-	-	-	-	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
164	-	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
131	-	-	-	-	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
98	-	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
66	-	-	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
33	-	1.00	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
0	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
-33	-	1.00	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
-66	-	-	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
-98	-	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
-131	-	-	-	-	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
-164	-	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
-197	-	-	-	-	-	-	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
-230	-	-	-	-	-	-	-	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
-262	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
-295	-	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
-328	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91
-361	-	-	-	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.92	0.92	0.92	0.91

2. Capacity correction

Outdoor

14Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77	0.76
328	-	-	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
295	-	-	-	-	-	-	-	-	-	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
262	-	-	-	-	-	-	-	-	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77
230	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77
197	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
164	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
131	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78
98	-	-	-	0.97	0.96	0.95	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.79	0.78
66	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78
33	-	1.00	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79
0	1.00	1.00	0.99	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79
-33	-	1.00	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.80	0.79
-66	-	-	0.99	0.98	0.97	0.96	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79
-98	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80
-131	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80
-164	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.81	0.80
-197	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81
-230	-	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.81
-262	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-295	-	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81
-328	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82
-361	-	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82

Heating

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
328	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
295	-	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
262	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
230	-	-	-	-	-	-	-	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
197	-	-	-	-	-	-	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
164	-	-	-	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
131	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
98	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
66	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
33	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
0	1.00	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
-33	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
-66	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
-98	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
-131	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
-164	-	-	-	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
-197	-	-	-	-	-	-	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
-230	-	-	-	-	-	-	-	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
-262	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
-295	-	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
-328	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
-361	-	-	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88

2. Capacity correction

Outdoor

16Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.83	0.82	0.81	0.80	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.71
328	-	-	-	-	-	-	-	-	-	-	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.76	0.75	0.74	0.73	0.72	0.71
295	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.74	0.73	0.72	0.71
262	-	-	-	-	-	-	-	-	0.88	0.87	0.85	0.84	0.83	0.82	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.72
230	-	-	-	-	-	-	-	0.90	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.78	0.77	0.76	0.75	0.74	0.73	0.72
197	-	-	-	-	-	-	0.91	0.90	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.76	0.75	0.74	0.73	0.72
164	-	-	-	-	-	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.73	0.72
131	-	-	-	-	0.94	0.93	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73
98	-	-	-	0.96	0.95	0.93	0.92	0.90	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75	0.74	0.73
66	-	-	0.98	0.96	0.95	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.76	0.75	0.74	0.73
33	-	0.99	0.98	0.96	0.95	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74
0	1.00	1.00	0.98	0.97	0.95	0.94	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74
-33	-	1.00	0.98	0.97	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75	0.74
-66	-	-	0.99	0.97	0.96	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.75	0.74
-98	-	-	-	0.97	0.96	0.94	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75
-131	-	-	-	-	0.96	0.95	0.93	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75
-164	-	-	-	-	-	0.95	0.94	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75
-197	-	-	-	-	-	-	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
-230	-	-	-	-	-	-	-	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
-262	-	-	-	-	-	-	-	-	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76
-295	-	-	-	-	-	-	-	-	-	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
-328	-	-	-	-	-	-	-	-	-	-	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
-361	-	-	-	-	-	-	-	-	-	-	-	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77

Heating

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
328	-	-	-	-	-	-	-	-	-	-	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
295	-	-	-	-	-	-	-	-	-	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
262	-	-	-	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
230	-	-	-	-	-	-	-	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
197	-	-	-	-	-	-	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
164	-	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
131	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
98	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
66	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
33	-	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
0	1.00	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-33	-	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-66	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-98	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-131	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-164	-	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-197	-	-	-	-	-	-	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-230	-	-	-	-	-	-	-	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-262	-	-	-	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-295	-	-	-	-	-	-	-	-	-	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-328	-	-	-	-	-	-	-	-	-	-	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-361	-	-	-	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85

2. Capacity correction

Outdoor

18Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																							
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.80	0.79	0.77	0.76	0.74	0.73	0.72	0.70	0.69	0.68	0.66	0.65
328	-	-	-	-	-	-	-	-	-	-	0.82	0.80	0.79	0.78	0.76	0.75	0.73	0.72	0.71	0.69	0.68	0.67	0.66
295	-	-	-	-	-	-	-	-	-	0.84	0.82	0.81	0.79	0.78	0.76	0.75	0.74	0.72	0.71	0.70	0.68	0.67	0.66
262	-	-	-	-	-	-	-	-	0.86	0.84	0.83	0.81	0.80	0.78	0.77	0.75	0.74	0.73	0.71	0.70	0.69	0.67	0.66
230	-	-	-	-	-	-	-	0.87	0.86	0.84	0.83	0.81	0.80	0.78	0.77	0.76	0.74	0.73	0.72	0.70	0.69	0.68	0.66
197	-	-	-	-	-	-	0.89	0.88	0.86	0.85	0.83	0.82	0.80	0.79	0.77	0.76	0.74	0.73	0.72	0.71	0.69	0.68	0.67
164	-	-	-	-	-	0.91	0.90	0.88	0.86	0.85	0.83	0.82	0.80	0.79	0.77	0.76	0.75	0.73	0.72	0.71	0.70	0.68	0.67
131	-	-	-	-	0.93	0.92	0.90	0.88	0.87	0.85	0.84	0.82	0.81	0.79	0.78	0.76	0.75	0.74	0.72	0.71	0.70	0.69	0.67
98	-	-	-	0.95	0.93	0.92	0.90	0.88	0.87	0.85	0.84	0.82	0.81	0.79	0.78	0.77	0.75	0.74	0.73	0.71	0.70	0.69	0.68
66	-	-	0.97	0.95	0.94	0.92	0.90	0.89	0.87	0.86	0.84	0.83	0.81	0.80	0.78	0.77	0.76	0.74	0.73	0.72	0.70	0.69	0.68
33	-	0.99	0.97	0.96	0.94	0.92	0.91	0.89	0.87	0.86	0.84	0.83	0.81	0.80	0.79	0.77	0.76	0.75	0.73	0.72	0.71	0.70	0.68
0	1.00	1.00	0.98	0.96	0.94	0.92	0.91	0.89	0.88	0.86	0.85	0.83	0.82	0.80	0.79	0.77	0.76	0.75	0.74	0.72	0.71	0.70	0.69
-33	-	1.00	0.98	0.96	0.94	0.93	0.91	0.89	0.88	0.86	0.85	0.83	0.82	0.80	0.79	0.78	0.76	0.75	0.74	0.73	0.71	0.70	0.69
-66	-	-	0.98	0.96	0.95	0.93	0.91	0.90	0.88	0.87	0.85	0.84	0.82	0.81	0.79	0.78	0.77	0.75	0.74	0.73	0.72	0.70	0.69
-98	-	-	-	0.96	0.95	0.93	0.91	0.90	0.88	0.87	0.85	0.84	0.82	0.81	0.80	0.78	0.77	0.76	0.74	0.73	0.72	0.71	0.70
-131	-	-	-	-	0.95	0.93	0.92	0.90	0.89	0.87	0.86	0.84	0.83	0.81	0.80	0.79	0.77	0.76	0.75	0.74	0.72	0.71	0.70
-164	-	-	-	-	-	0.93	0.92	0.90	0.89	0.87	0.86	0.84	0.83	0.82	0.80	0.79	0.78	0.76	0.75	0.74	0.73	0.71	0.70
-197	-	-	-	-	-	-	0.92	0.91	0.89	0.88	0.86	0.85	0.83	0.82	0.80	0.79	0.78	0.77	0.75	0.74	0.73	0.72	0.71
-230	-	-	-	-	-	-	-	0.91	0.89	0.88	0.86	0.85	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.74	0.73	0.72	0.71
-262	-	-	-	-	-	-	-	-	0.89	0.88	0.87	0.85	0.84	0.82	0.81	0.80	0.78	0.77	0.76	0.75	0.74	0.72	0.71
-295	-	-	-	-	-	-	-	-	-	0.88	0.87	0.85	0.84	0.83	0.81	0.80	0.79	0.77	0.76	0.75	0.74	0.73	0.71
-328	-	-	-	-	-	-	-	-	-	-	0.87	0.86	0.84	0.83	0.82	0.80	0.79	0.78	0.77	0.75	0.74	0.73	0.72
-361	-	-	-	-	-	-	-	-	-	-	-	0.86	0.85	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.74	0.73	0.72

Heating

Level Difference (ft)	Pipe Length (ft)																							
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
328	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
295	-	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
262	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
230	-	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
197	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
164	-	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
131	-	-	-	-	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
98	-	-	-	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
66	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
33	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
0	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-33	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-66	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-98	-	-	-	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-131	-	-	-	-	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-164	-	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-197	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-230	-	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-262	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-295	-	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-328	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-361	-	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82

2. Capacity correction

Outdoor

20Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.82
328	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.83	0.82
295	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83	0.82
262	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83	0.83
230	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.83
197	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83
164	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83
131	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84
98	-	-	-	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.84
66	-	-	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84
33	-	1.00	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84
0	1.00	1.00	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85
-33	-	1.00	0.99	0.98	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85
-66	-	-	0.99	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-98	-	-	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-131	-	-	-	-	0.98	0.97	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-164	-	-	-	-	-	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-197	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86
-230	-	-	-	-	-	-	-	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86
-262	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-295	-	-	-	-	-	-	-	-	-	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87
-328	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87
-361	-	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87

Heating

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
328	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
295	-	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
262	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
230	-	-	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
197	-	-	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
164	-	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
131	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
98	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
66	-	-	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
33	-	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
0	1.00	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-33	-	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-66	-	-	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-98	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-131	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-164	-	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-197	-	-	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-230	-	-	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-262	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-295	-	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-328	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92
-361	-	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92	0.92

2. Capacity correction

Outdoor

22Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79
328	-	-	-	-	-	-	-	-	-	-	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.79
295	-	-	-	-	-	-	-	-	-	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.80	0.80
262	-	-	-	-	-	-	-	-	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.81	0.81	0.80
230	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80
197	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80
164	-	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.81	0.81
131	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.82	0.81
98	-	-	-	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81
66	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
33	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.82
0	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-33	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82
-66	-	-	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82
-98	-	-	-	0.98	0.97	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83
-131	-	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.84	0.83
-164	-	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83
-197	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.84
-230	-	-	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84
-262	-	-	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84
-295	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84
-328	-	-	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85
-361	-	-	-	-	-	-	-	-	-	-	-	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85

Heating

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
328	-	-	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
295	-	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
262	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
230	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
197	-	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
164	-	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
131	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
98	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
66	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
33	-	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
0	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-33	-	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-66	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-98	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-131	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-164	-	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-197	-	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-230	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-262	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-295	-	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-328	-	-	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-361	-	-	-	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90

2. Capacity correction

Outdoor

24Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
328	-	-	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.77
295	-	-	-	-	-	-	-	-	-	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78	0.77
262	-	-	-	-	-	-	-	-	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.79	0.78	0.77
230	-	-	-	-	-	-	-	0.92	0.91	0.90	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
197	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78
164	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78
131	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80	0.79	0.78
98	-	-	-	0.97	0.96	0.95	0.94	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78
66	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79
33	-	1.00	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.79
0	1.00	1.00	0.99	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.80	0.79
-33	-	1.00	0.99	0.98	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80
-66	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80
-98	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80
-131	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.81	0.80
-164	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81
-197	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81
-230	-	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.81
-262	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81
-295	-	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-328	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82
-361	-	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82

Heating

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
328	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
295	-	-	-	-	-	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
262	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
230	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
197	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
164	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
131	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
98	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
66	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
33	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
0	1.00	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-33	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-66	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-98	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-131	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-164	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-197	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-230	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-262	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-295	-	-	-	-	-	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-328	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89
-361	-	-	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89	0.89

2. Capacity correction

Outdoor

26Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																							
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.85	0.84	0.83	0.82	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73
328	-	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74
295	-	-	-	-	-	-	-	-	-	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74
262	-	-	-	-	-	-	-	-	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74
230	-	-	-	-	-	-	-	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74
197	-	-	-	-	-	-	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75
164	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75
131	-	-	-	-	0.95	0.94	0.92	0.91	0.90	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75
98	-	-	-	0.96	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.77	0.76
66	-	-	0.98	0.97	0.95	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
33	-	0.99	0.98	0.97	0.96	0.94	0.93	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
0	1.00	1.00	0.98	0.97	0.96	0.95	0.93	0.92	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
-33	-	1.00	0.99	0.97	0.96	0.95	0.94	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
-66	-	-	0.99	0.97	0.96	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
-98	-	-	-	0.98	0.96	0.95	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
-131	-	-	-	-	0.97	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78
-164	-	-	-	-	-	0.96	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78
-197	-	-	-	-	-	-	0.95	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78
-230	-	-	-	-	-	-	-	0.94	0.93	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78
-262	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79
-295	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79
-328	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79
-361	-	-	-	-	-	-	-	-	-	-	-	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80

Heating

Level Difference (ft)	Pipe Length (ft)																							
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
328	-	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
295	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
262	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
230	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
197	-	-	-	-	-	-	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
164	-	-	-	-	-	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
131	-	-	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
98	-	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
66	-	-	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
33	-	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
0	1.00	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-33	-	1.00	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-66	-	-	0.99	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-98	-	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-131	-	-	-	-	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-164	-	-	-	-	-	0.97	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-197	-	-	-	-	-	-	0.97	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-230	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-262	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-295	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-328	-	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-361	-	-	-	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87

2. Capacity correction

Outdoor

28Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75	0.74	0.72	0.71	0.70
328	-	-	-	-	-	-	-	-	-	-	0.85	0.83	0.82	0.81	0.80	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.71
295	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.76	0.75	0.74	0.73	0.72	0.71
262	-	-	-	-	-	-	-	-	0.88	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.74	0.73	0.72	0.71
230	-	-	-	-	-	-	-	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.72	0.71
197	-	-	-	-	-	-	0.91	0.90	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.78	0.77	0.76	0.75	0.74	0.73	0.72
164	-	-	-	-	-	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.77	0.76	0.75	0.74	0.73	0.72
131	-	-	-	-	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.74	0.73	0.72
98	-	-	-	0.96	0.95	0.93	0.92	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73
66	-	-	0.98	0.96	0.95	0.93	0.92	0.91	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75	0.74	0.73
33	-	0.99	0.98	0.96	0.95	0.94	0.92	0.91	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.77	0.76	0.75	0.74	0.73
0	1.00	1.00	0.98	0.97	0.95	0.94	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.73
-33	-	1.00	0.98	0.97	0.95	0.94	0.93	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74
-66	-	-	0.98	0.97	0.96	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75	0.74
-98	-	-	-	0.97	0.96	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.76	0.75	0.74
-131	-	-	-	-	0.96	0.95	0.93	0.92	0.91	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75
-164	-	-	-	-	-	0.95	0.93	0.92	0.91	0.90	0.88	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75
-197	-	-	-	-	-	-	0.94	0.92	0.91	0.90	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.79	0.78	0.77	0.76	0.75
-230	-	-	-	-	-	-	-	0.93	0.91	0.90	0.89	0.88	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
-262	-	-	-	-	-	-	-	-	0.92	0.90	0.89	0.88	0.87	0.86	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
-295	-	-	-	-	-	-	-	-	-	0.91	0.89	0.88	0.87	0.86	0.85	0.84	0.82	0.81	0.80	0.79	0.78	0.77	0.76
-328	-	-	-	-	-	-	-	-	-	-	0.90	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.78	0.77	0.76
-361	-	-	-	-	-	-	-	-	-	-	-	0.89	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77

Heating

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
328	-	-	-	-	-	-	-	-	-	-	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
295	-	-	-	-	-	-	-	-	-	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
262	-	-	-	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
230	-	-	-	-	-	-	-	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
197	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
164	-	-	-	-	-	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
131	-	-	-	-	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
98	-	-	-	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
66	-	-	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
33	-	1.00	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
0	1.00	1.00	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-33	-	1.00	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-66	-	-	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-98	-	-	-	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-131	-	-	-	-	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-164	-	-	-	-	-	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-197	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-230	-	-	-	-	-	-	-	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-262	-	-	-	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-295	-	-	-	-	-	-	-	-	-	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-328	-	-	-	-	-	-	-	-	-	-	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-361	-	-	-	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85

2. Capacity correction

Outdoor

30Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																							
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83	0.83
328	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83
295	-	-	-	-	-	-	-	-	-	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84	0.83
262	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84	0.83
230	-	-	-	-	-	-	-	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84
197	-	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.87	0.86	0.85	0.85	0.84
164	-	-	-	-	-	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84
131	-	-	-	-	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84
98	-	-	-	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85
66	-	-	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.86	0.85
33	-	1.00	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
0	1.00	1.00	0.99	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-33	-	1.00	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87	0.86	0.86
-66	-	-	0.99	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.87	0.86
-98	-	-	-	0.99	0.98	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86
-131	-	-	-	-	0.98	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86
-164	-	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87	0.87
-197	-	-	-	-	-	-	0.97	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.88	0.87
-230	-	-	-	-	-	-	-	0.97	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87
-262	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88	0.87
-295	-	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.88	0.88
-328	-	-	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.93	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.89	0.88
-361	-	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.91	0.90	0.89	0.89	0.88

Heating

Level Difference (ft)	Pipe Length (ft)																							
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
328	-	-	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
295	-	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
262	-	-	-	-	-	-	-	-	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
230	-	-	-	-	-	-	-	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
197	-	-	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
164	-	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
131	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
98	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
66	-	-	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
33	-	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
0	1.00	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
-33	-	1.00	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
-66	-	-	1.00	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
-98	-	-	-	0.99	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
-131	-	-	-	-	0.99	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
-164	-	-	-	-	-	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
-197	-	-	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
-230	-	-	-	-	-	-	-	0.98	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
-262	-	-	-	-	-	-	-	-	0.97	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
-295	-	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
-328	-	-	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92
-361	-	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.96	0.95	0.95	0.94	0.94	0.94	0.93	0.93	0.93	0.92

2. Capacity correction

Outdoor

32Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																							
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.82	0.81
328	-	-	-	-	-	-	-	-	-	-	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.83	0.82	0.81
295	-	-	-	-	-	-	-	-	-	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.82
262	-	-	-	-	-	-	-	-	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.82
230	-	-	-	-	-	-	-	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.83	0.82
197	-	-	-	-	-	-	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.84	0.83	0.82
164	-	-	-	-	-	0.95	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.83
131	-	-	-	-	0.96	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.83
98	-	-	-	0.97	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.84	0.83
66	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.83
33	-	1.00	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84	0.84
0	1.00	1.00	0.99	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85	0.84
-33	-	1.00	0.99	0.98	0.97	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84
-66	-	-	0.99	0.98	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85	0.84
-98	-	-	-	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85	0.85
-131	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-164	-	-	-	-	-	0.97	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.86	0.85
-197	-	-	-	-	-	-	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86	0.85
-230	-	-	-	-	-	-	-	0.96	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86	0.86
-262	-	-	-	-	-	-	-	-	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86
-295	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.87	0.86
-328	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.90	0.89	0.88	0.88	0.87	0.86
-361	-	-	-	-	-	-	-	-	-	-	-	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.89	0.89	0.88	0.87	0.87

Heating

Level Difference (ft)	Pipe Length (ft)																							
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
328	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
295	-	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
262	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
230	-	-	-	-	-	-	-	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
197	-	-	-	-	-	-	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
164	-	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
131	-	-	-	-	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
98	-	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
66	-	-	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
33	-	1.00	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
0	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
-33	-	1.00	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
-66	-	-	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
-98	-	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
-131	-	-	-	-	0.99	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
-164	-	-	-	-	-	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
-197	-	-	-	-	-	-	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
-230	-	-	-	-	-	-	-	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
-262	-	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
-295	-	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
-328	-	-	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91
-361	-	-	-	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91

2. Capacity correction

Outdoor

34Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.79
328	-	-	-	-	-	-	-	-	-	-	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80	0.80
295	-	-	-	-	-	-	-	-	-	0.90	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.81	0.80
262	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80
230	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80
197	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.81
164	-	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.82	0.81
131	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81
98	-	-	-	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
66	-	-	0.98	0.97	0.96	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.82
33	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.83	0.82
0	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.84	0.83	0.82
-33	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82
-66	-	-	0.99	0.98	0.97	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.83
-98	-	-	-	0.98	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.84	0.83
-131	-	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84	0.83
-164	-	-	-	-	-	0.97	0.96	0.95	0.94	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83
-197	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.84
-230	-	-	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85	0.84
-262	-	-	-	-	-	-	-	-	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85	0.84
-295	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.85
-328	-	-	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.85
-361	-	-	-	-	-	-	-	-	-	-	-	0.93	0.92	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.86	0.85

Heating

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
328	-	-	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
295	-	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
262	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
230	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
197	-	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
164	-	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
131	-	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
98	-	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
66	-	-	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
33	-	1.00	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
0	1.00	1.00	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-33	-	1.00	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-66	-	-	0.99	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-98	-	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-131	-	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-164	-	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-197	-	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-230	-	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-262	-	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-295	-	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-328	-	-	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90
-361	-	-	-	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.94	0.93	0.93	0.93	0.92	0.92	0.91	0.91	0.90

2. Capacity correction

Outdoor

36Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80	0.79	0.78	0.77
328	-	-	-	-	-	-	-	-	-	-	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79	0.78
295	-	-	-	-	-	-	-	-	-	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78
262	-	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.79	0.78
230	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.80	0.79	0.79
197	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79
164	-	-	-	-	-	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.79
131	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80	0.79
98	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.81	0.80	0.80
66	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80
33	-	1.00	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80
0	1.00	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.80
-33	-	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.81
-66	-	-	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81
-98	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81
-131	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81
-164	-	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83	0.82
-197	-	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82
-230	-	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82
-262	-	-	-	-	-	-	-	-	0.94	0.93	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.83
-295	-	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.88	0.87	0.86	0.85	0.84	0.84	0.83
-328	-	-	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83
-361	-	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83

Heating

Level Difference (ft)	Pipe Length (ft)																								
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
328	-	-	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
295	-	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
262	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
230	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
197	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
164	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
131	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
98	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
66	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
33	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
0	1.00	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-33	-	1.00	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-66	-	-	0.99	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-98	-	-	-	0.99	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-131	-	-	-	-	0.98	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-164	-	-	-	-	-	0.98	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-197	-	-	-	-	-	-	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-230	-	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-262	-	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-295	-	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-328	-	-	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89
-361	-	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.93	0.92	0.92	0.91	0.91	0.90	0.90	0.89

2. Capacity correction

Outdoor

38Ton

Cooling

Level Difference (ft)	Pipe Length (ft)																							
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.76
328	-	-	-	-	-	-	-	-	-	-	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78	0.77	0.76
295	-	-	-	-	-	-	-	-	-	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
262	-	-	-	-	-	-	-	-	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76
230	-	-	-	-	-	-	-	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78	0.77
197	-	-	-	-	-	-	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80	0.79	0.78	0.77
164	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77
131	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.78
98	-	-	-	0.97	0.96	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.80	0.79	0.78
66	-	-	0.98	0.97	0.96	0.95	0.94	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80	0.79	0.78
33	-	1.00	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78
0	1.00	1.00	0.99	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.79
-33	-	1.00	0.99	0.98	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82	0.81	0.80	0.79
-66	-	-	0.99	0.98	0.97	0.96	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.84	0.83	0.82	0.81	0.80	0.79
-98	-	-	-	0.98	0.97	0.96	0.95	0.94	0.93	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79
-131	-	-	-	-	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81	0.80
-164	-	-	-	-	-	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81	0.80
-197	-	-	-	-	-	-	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.86	0.85	0.84	0.83	0.82	0.81	0.80
-230	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.81
-262	-	-	-	-	-	-	-	-	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.83	0.82	0.81
-295	-	-	-	-	-	-	-	-	-	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.85	0.84	0.83	0.82	0.81
-328	-	-	-	-	-	-	-	-	-	-	0.92	0.91	0.90	0.89	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.82	0.81
-361	-	-	-	-	-	-	-	-	-	-	-	0.91	0.90	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.82

Heating

Level Difference (ft)	Pipe Length (ft)																							
	25	33	66	98	131	164	197	230	262	295	328	361	394	427	459	492	525	558	591	623	656	689	722
361	-	-	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
328	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
295	-	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
262	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
230	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
197	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
164	-	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
131	-	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
98	-	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
66	-	-	0.99	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
33	-	1.00	0.99	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
0	1.00	1.00	0.99	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-33	-	1.00	0.99	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-66	-	-	0.99	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-98	-	-	-	0.99	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-131	-	-	-	-	0.98	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-164	-	-	-	-	-	0.98	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-197	-	-	-	-	-	-	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-230	-	-	-	-	-	-	-	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-262	-	-	-	-	-	-	-	-	0.96	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-295	-	-	-	-	-	-	-	-	-	0.95	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-328	-	-	-	-	-	-	-	-	-	-	0.95	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88
-361	-	-	-	-	-	-	-	-	-	-	-	0.94	0.94	0.93	0.93	0.92	0.91	0.91	0.90	0.90	0.89	0.89	0.88

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