

VPC/VRC L4M

Heat Recovery / Heat Pump Outdoor Units | Capacity Tables |
Cold Climate | **R-410A** | 60Hz

6 to 38 tons

COMMERCIAL
PRODUCT SPECIFICATIONS (EHB)

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1. Capacity table

VPC/VRC072L4M

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	1.08	73.90	1.51	87.00	1.92	93.60	2.17	106.70	2.52	121.47	2.75	135.52	3.14
	10	60.80	1.14	73.90	1.57	87.00	1.99	93.60	2.24	106.70	2.58	120.27	2.81	134.18	3.19
	14	60.80	1.20	73.90	1.64	87.00	2.06	93.60	2.31	106.70	2.65	119.08	2.87	132.85	3.24
	23	60.80	1.26	73.90	1.71	87.00	2.13	93.60	2.38	106.70	2.72	117.90	2.93	131.53	3.29
	27	60.80	1.33	73.90	1.78	87.00	2.21	93.60	2.45	106.70	2.79	116.73	2.99	130.23	3.34
	32	60.80	1.40	73.90	1.85	87.00	2.29	93.60	2.53	106.70	2.86	115.58	3.05	128.94	3.39
	37	60.80	1.47	73.90	1.93	87.00	2.37	93.60	2.61	106.70	2.93	114.43	3.11	127.66	3.44
	41	60.80	1.55	73.90	2.01	87.00	2.46	93.60	2.69	106.70	3.01	113.30	3.17	126.40	3.49
	46	60.80	1.59	73.90	2.05	87.00	2.51	93.60	2.74	106.70	3.07	113.30	3.24	126.40	3.58
	50	60.80	1.63	73.90	2.08	87.00	2.55	93.60	2.78	106.70	3.12	113.30	3.30	126.00	3.64
	54	60.80	1.68	73.90	2.14	87.00	2.61	93.60	2.84	106.70	3.19	113.30	3.37	125.30	3.71
	57	60.80	1.74	73.90	2.20	87.00	2.67	93.60	2.91	106.70	3.28	113.30	3.48	124.60	3.80
	61	60.80	1.79	73.90	2.27	87.00	2.76	93.60	3.00	106.70	3.39	113.30	3.59	123.90	3.91
	64	60.80	1.88	73.90	2.36	87.00	2.85	93.60	3.10	106.70	3.51	113.30	3.73	123.20	4.05
	68	60.80	1.95	73.90	2.45	87.00	2.96	93.60	3.23	106.70	3.67	113.30	3.90	122.40	4.25
	72	60.80	2.04	73.90	2.55	87.00	3.09	93.60	3.38	106.70	3.86	113.30	4.13	121.70	4.48
	75	60.80	2.14	73.90	2.66	87.00	3.25	93.60	3.56	106.70	4.10	113.30	4.39	121.00	4.77
	79	60.80	2.22	73.90	2.81	87.00	3.44	93.60	3.80	106.70	4.38	113.30	4.71	120.30	5.12
	82	60.80	2.38	73.90	2.97	87.00	3.68	93.60	4.06	106.70	4.72	113.30	5.09	119.60	5.48
	86	60.80	2.49	73.90	3.18	87.00	3.93	93.60	4.38	106.70	5.11	112.60	5.45	118.80	5.89
	90	60.80	2.67	73.90	3.39	87.00	4.27	93.60	4.75	106.70	5.49	111.90	5.82	118.10	6.35
	93	60.80	2.86	73.90	3.70	87.00	4.63	93.60	5.10	106.70	5.93	111.20	6.27	117.40	6.81
	95	60.80	2.96	73.90	3.87	87.00	4.80	93.60	5.28	106.70	6.18	110.80	6.51	117.00	6.97
	99	60.80	3.29	73.90	4.20	87.00	5.15	93.60	5.71	106.70	6.71	110.10	6.98	116.30	7.10
	102	60.80	3.60	73.90	4.52	87.00	5.61	93.60	6.20	105.60	7.16	107.00	7.07	108.00	6.66
	106	60.80	3.91	73.90	4.93	87.00	6.11	93.60	6.73	98.30	6.81	98.70	6.59	99.70	6.21
	111	60.80	4.48	73.90	5.66	84.10	6.67	84.70	6.52	85.50	6.09	86.00	5.89	87.30	5.54
	115	60.80	4.94	73.40	6.24	75.80	6.19	76.00	6.01	76.90	5.61	77.60	5.43	79.00	5.09
	118	60.80	5.50	66.70	6.04	66.90	5.67	67.20	5.50	68.40	5.13	69.10	4.96	70.70	4.64
	120	60.40	5.86	62.10	5.76	62.50	5.41	62.80	5.24	64.20	4.89	64.90	4.73	66.50	4.42
	122	56.80	5.63	58.40	5.53	58.80	5.19	59.00	5.03	60.30	4.69	61.00	4.54	62.50	4.24
120	5	56.20	1.01	68.30	1.40	80.40	1.76	86.40	1.99	98.50	2.30	104.50	2.52	125.01	2.87
	10	56.20	1.06	68.30	1.46	80.40	1.82	86.40	2.05	98.50	2.36	104.50	2.57	123.77	2.91
	14	56.20	1.12	68.30	1.52	80.40	1.89	86.40	2.11	98.50	2.42	104.50	2.62	122.55	2.95
	23	56.20	1.18	68.30	1.58	80.40	1.96	86.40	2.18	98.50	2.48	104.50	2.67	121.33	2.99
	27	56.20	1.24	68.30	1.65	80.40	2.03	86.40	2.25	98.50	2.54	104.50	2.72	120.13	3.04
	32	56.20	1.31	68.30	1.72	80.40	2.10	86.40	2.32	98.50	2.61	104.50	2.78	118.94	3.09
	37	56.20	1.38	68.30	1.79	80.40	2.18	86.40	2.39	98.50	2.68	104.50	2.84	117.77	3.14
	41	56.20	1.45	68.30	1.86	80.40	2.26	86.40	2.46	98.50	2.75	104.50	2.90	116.60	3.19
	46	56.20	1.48	68.30	1.89	80.40	2.30	86.40	2.50	98.50	2.80	104.50	2.95	116.60	3.26
	50	56.20	1.52	68.30	1.92	80.40	2.33	86.40	2.54	98.50	2.85	104.50	3.00	116.60	3.32
	54	56.20	1.56	68.30	1.97	80.40	2.38	86.40	2.59	98.50	2.90	104.50	3.06	116.60	3.39
	57	56.20	1.60	68.30	2.02	80.40	2.44	86.40	2.65	98.50	2.98	104.50	3.15	116.60	3.50
	61	56.20	1.65	68.30	2.07	80.40	2.51	86.40	2.73	98.50	3.07	104.50	3.25	116.60	3.61
	64	56.20	1.72	68.30	2.15	80.40	2.59	86.40	2.81	98.50	3.17	104.50	3.36	116.60	3.76
	68	56.20	1.77	68.30	2.22	80.40	2.68	86.40	2.92	98.50	3.30	104.50	3.51	116.60	3.94
	72	56.20	1.84	68.30	2.31	80.40	2.79	86.40	3.05	98.50	3.47	104.50	3.69	116.60	4.18
	75	56.20	1.93	68.30	2.41	80.40	2.93	86.40	3.21	98.50	3.68	104.50	3.93	116.60	4.47
	79	56.20	2.01	68.30	2.55	80.40	3.11	86.40	3.42	98.50	3.93	104.50	4.21	116.60	4.83
	82	56.20	2.15	68.30	2.69	80.40	3.32	86.40	3.66	98.50	4.23	104.50	4.54	116.60	5.21
	86	56.20	2.27	68.30	2.87	80.40	3.55	86.40	3.94	98.50	4.58	104.50	4.91	116.40	5.60
	90	56.20	2.42	68.30	3.07	80.40	3.85	86.40	4.28	98.50	4.94	104.50	5.29	115.60	5.99
	93	56.20	2.58	68.30	3.33	80.40	4.18	86.40	4.63	98.50	5.32	104.50	5.71	114.90	6.43
	95	56.20	2.67	68.30	3.48	80.40	4.34	86.40	4.80	98.50	5.53	104.50	5.94	114.60	6.64
	99	56.20	2.95	68.30	3.78	80.40	4.69	86.40	5.18	98.50	5.98	104.50	6.41	113.80	7.02
	102	56.20	3.23	68.30	4.10	80.40	5.09	86.40	5.61	98.50	6.46	103.80	6.81	106.50	6.65
	106	56.20	3.52	68.30	4.48	80.40	5.52	86.40	6.07	96.00	6.66	97.00	6.53	98.20	6.20
	111	56.20	4.07	68.30	5.12	79.90	6.18	82.70	6.36	83.70	6.00	84.30	5.83	85.80	5.53
	115	56.20	4.49	68.20	5.61	73.60	5.97	74.00	5.87	75.20	5.52	75.90	5.37	77.50	5.08
	118	56.20	4.97	64.00	5.67	64.80	5.46	65.20	5.36	66.70	5.04	67.50	4.90	69.20	4.63
	120	56.20	5.26	59.60	5.42	60.40	5.20	60.80	5.10	62.40	4.80	63.20	4.67	65.10	4.41
	122	52.80	5.05	56.00	5.20	56.80	4.99	57.20	4.90	58.70	4.61	59.40	4.48	61.20	4.23

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/VRC072L4M

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	0.94	62.60	1.27	73.70	1.61	79.20	1.80	90.30	2.10	95.80	2.28	106.90	2.61
	10	51.50	0.99	62.60	1.32	73.70	1.67	79.20	1.86	90.30	2.15	95.80	2.33	106.90	2.65
	14	51.50	1.04	62.60	1.38	73.70	1.73	79.20	1.92	90.30	2.20	95.80	2.38	106.90	2.69
	23	51.50	1.09	62.60	1.44	73.70	1.79	79.20	1.98	90.30	2.26	95.80	2.43	106.90	2.73
	27	51.50	1.15	62.60	1.50	73.70	1.85	79.20	2.04	90.30	2.32	95.80	2.48	106.90	2.77
	32	51.50	1.21	62.60	1.56	73.70	1.92	79.20	2.10	90.30	2.38	95.80	2.53	106.90	2.81
	37	51.50	1.27	62.60	1.63	73.70	1.99	79.20	2.16	90.30	2.44	95.80	2.58	106.90	2.85
	41	51.50	1.34	62.60	1.70	73.70	2.06	79.20	2.23	90.30	2.50	95.80	2.63	106.90	2.89
	46	51.50	1.38	62.60	1.73	73.70	2.09	79.20	2.27	90.30	2.54	95.80	2.67	106.90	2.94
	50	51.50	1.40	62.60	1.76	73.70	2.12	79.20	2.30	90.30	2.57	95.80	2.71	106.90	2.99
	54	51.50	1.43	62.60	1.79	73.70	2.16	79.20	2.34	90.30	2.62	95.80	2.76	106.90	3.05
	57	51.50	1.47	62.60	1.83	73.70	2.20	79.20	2.39	90.30	2.68	95.80	2.83	106.90	3.13
	61	51.50	1.50	62.60	1.88	73.70	2.26	79.20	2.46	90.30	2.76	95.80	2.91	106.90	3.23
	64	51.50	1.55	62.60	1.93	73.70	2.33	79.20	2.53	90.30	2.85	95.80	3.01	106.90	3.35
	68	51.50	1.59	62.60	1.99	73.70	2.40	79.20	2.62	90.30	2.96	95.80	3.13	106.90	3.50
	72	51.50	1.64	62.60	2.07	73.70	2.50	79.20	2.73	90.30	3.09	95.80	3.28	106.90	3.69
	75	51.50	1.72	62.60	2.16	73.70	2.63	79.20	2.87	90.30	3.27	95.80	3.48	106.90	3.94
	79	51.50	1.81	62.60	2.28	73.70	2.78	79.20	3.05	90.30	3.49	95.80	3.73	106.90	4.25
	82	51.50	1.93	62.60	2.42	73.70	2.96	79.20	3.27	90.30	3.76	95.80	4.03	106.90	4.59
	86	51.50	2.04	62.60	2.58	73.70	3.19	79.20	3.53	90.30	4.07	95.80	4.36	106.90	4.97
	90	51.50	2.17	62.60	2.75	73.70	3.44	79.20	3.83	90.30	4.41	95.80	4.71	106.90	5.35
	93	51.50	2.30	62.60	2.97	73.70	3.74	79.20	4.15	90.30	4.77	95.80	5.08	106.90	5.74
	95	51.50	2.39	62.60	3.10	73.70	3.89	79.20	4.33	90.30	4.95	95.80	5.27	106.90	5.95
	99	51.50	2.60	62.60	3.37	73.70	4.23	79.20	4.68	90.30	5.33	95.80	5.67	106.90	6.39
	102	51.50	2.85	62.60	3.68	73.70	4.59	79.20	5.06	90.30	5.74	95.80	6.10	104.90	6.64
	106	51.50	3.13	62.60	4.03	73.70	4.97	79.20	5.45	90.20	6.16	94.40	6.38	96.80	6.19
	111	51.50	3.66	62.60	4.60	73.70	5.58	78.80	6.01	81.90	5.91	82.70	5.78	84.30	5.52
	115	51.50	4.04	62.60	5.01	71.20	5.71	72.00	5.72	73.40	5.44	74.20	5.31	76.00	5.07
	118	51.50	4.44	60.90	5.24	62.70	5.25	63.20	5.21	64.90	4.96	65.80	4.84	67.70	4.62
	120	51.50	4.66	57.00	5.07	58.20	4.99	58.90	4.96	60.60	4.72	61.60	4.61	63.60	4.40
	122	48.40	4.47	53.60	4.87	54.70	4.79	55.40	4.76	57.00	4.53	57.90	4.43	59.80	4.22
100	5	46.80	0.86	56.90	1.17	67.00	1.45	72.00	1.63	82.10	1.88	87.10	2.05	97.20	2.32
	10	46.80	0.91	56.90	1.22	67.00	1.50	72.00	1.68	82.10	1.93	87.10	2.09	97.20	2.36
	14	46.80	0.96	56.90	1.27	67.00	1.55	72.00	1.73	82.10	1.98	87.10	2.13	97.20	2.40
	23	46.80	1.01	56.90	1.32	67.00	1.61	72.00	1.78	82.10	2.03	87.10	2.17	97.20	2.44
	27	46.80	1.06	56.90	1.37	67.00	1.67	72.00	1.83	82.10	2.08	87.10	2.21	97.20	2.48
	32	46.80	1.12	56.90	1.43	67.00	1.73	72.00	1.89	82.10	2.13	87.10	2.26	97.20	2.52
	37	46.80	1.18	56.90	1.49	67.00	1.79	72.00	1.95	82.10	2.18	87.10	2.31	97.20	2.56
	41	46.80	1.24	56.90	1.55	67.00	1.85	72.00	2.01	82.10	2.24	87.10	2.36	97.20	2.60
	46	46.80	1.27	56.90	1.58	67.00	1.88	72.00	2.04	82.10	2.27	87.10	2.39	97.20	2.63
	50	46.80	1.29	56.90	1.60	67.00	1.91	72.00	2.06	82.10	2.30	87.10	2.42	97.20	2.67
	54	46.80	1.31	56.90	1.62	67.00	1.94	72.00	2.10	82.10	2.34	87.10	2.47	97.20	2.72
	57	46.80	1.33	56.90	1.65	67.00	1.97	72.00	2.14	82.10	2.39	87.10	2.52	97.20	2.78
	61	46.80	1.35	56.90	1.68	67.00	2.02	72.00	2.19	82.10	2.45	87.10	2.59	97.20	2.86
	64	46.80	1.39	56.90	1.72	67.00	2.07	72.00	2.25	82.10	2.52	87.10	2.67	97.20	2.96
	68	46.80	1.41	56.90	1.76	67.00	2.13	72.00	2.32	82.10	2.62	87.10	2.77	97.20	3.08
	72	46.80	1.45	56.90	1.82	67.00	2.22	72.00	2.42	82.10	2.73	87.10	2.90	97.20	3.24
	75	46.80	1.51	56.90	1.91	67.00	2.32	72.00	2.53	82.10	2.88	87.10	3.06	97.20	3.44
	79	46.80	1.60	56.90	2.02	67.00	2.46	72.00	2.68	82.10	3.06	87.10	3.27	97.20	3.70
	82	46.80	1.71	56.90	2.14	67.00	2.62	72.00	2.88	82.10	3.31	87.10	3.54	97.20	4.02
	86	46.80	1.82	56.90	2.29	67.00	2.82	72.00	3.12	82.10	3.59	87.10	3.84	97.20	4.35
	90	46.80	1.92	56.90	2.44	67.00	3.05	72.00	3.40	82.10	3.90	87.10	4.16	97.20	4.72
	93	46.80	2.03	56.90	2.63	67.00	3.31	72.00	3.69	82.10	4.23	87.10	4.51	97.20	5.06
	95	46.80	2.10	56.90	2.73	67.00	3.45	72.00	3.84	82.10	4.41	87.10	4.68	97.20	5.22
	99	46.80	2.26	56.90	2.97	67.00	3.78	72.00	4.21	82.10	4.75	87.10	5.02	97.20	5.58
	102	46.80	2.47	56.90	3.27	67.00	4.12	72.00	4.54	82.10	5.09	87.10	5.38	97.20	5.97
	106	46.80	2.75	56.90	3.60	67.00	4.45	72.00	4.88	82.10	5.46	87.10	5.76	95.30	6.18
	111	46.80	3.25	56.90	4.11	67.00	4.97	72.00	5.42	79.90	5.76	81.00	5.72	82.90	5.51
	115	46.80	3.59	56.90	4.44	67.00	5.32	70.00	5.58	71.60	5.35	72.60	5.25	74.60	5.06
	118	46.80	3.90	56.90	4.77	60.60	5.04	61.30	5.07	63.10	4.87	64.10	4.78	66.30	4.62
	120	46.80	4.06	54.30	4.69	56.10	4.78	56.90	4.81	58.90	4.63	59.90	4.55	62.10	4.39
	122	44.00	3.90	51.00	4.50	52.70	4.59	53.50	4.62	55.40	4.44	56.30	4.37	58.40	4.21

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/VRC072L4M

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	0.78	51.20	1.04	60.30	1.29	64.80	1.45	73.90	1.68	78.40	1.82	87.50	2.10
	10	42.10	0.82	51.20	1.08	60.30	1.34	64.80	1.49	73.90	1.72	78.40	1.86	87.50	2.13
	14	42.10	0.86	51.20	1.13	60.30	1.39	64.80	1.54	73.90	1.76	78.40	1.90	87.50	2.16
	23	42.10	0.91	51.20	1.18	60.30	1.44	64.80	1.59	73.90	1.80	78.40	1.94	87.50	2.19
	27	42.10	0.96	51.20	1.23	60.30	1.49	64.80	1.64	73.90	1.85	78.40	1.98	87.50	2.22
	32	42.10	1.01	51.20	1.28	60.30	1.54	64.80	1.69	73.90	1.90	78.40	2.02	87.50	2.25
	37	42.10	1.06	51.20	1.33	60.30	1.60	64.80	1.74	73.90	1.95	78.40	2.06	87.50	2.28
	41	42.10	1.12	51.20	1.39	60.30	1.66	64.80	1.79	73.90	2.00	78.40	2.10	87.50	2.31
	46	42.10	1.15	51.20	1.42	60.30	1.69	64.80	1.82	73.90	2.03	78.40	2.13	87.50	2.34
	50	42.10	1.18	51.20	1.44	60.30	1.71	64.80	1.85	73.90	2.05	78.40	2.16	87.50	2.37
	54	42.10	1.20	51.20	1.47	60.30	1.74	64.80	1.87	73.90	2.09	78.40	2.19	87.50	2.40
	57	42.10	1.22	51.20	1.49	60.30	1.77	64.80	1.91	73.90	2.13	78.40	2.23	87.50	2.46
	61	42.10	1.24	51.20	1.52	60.30	1.81	64.80	1.95	73.90	2.18	78.40	2.29	87.50	2.52
	64	42.10	1.27	51.20	1.56	60.30	1.85	64.80	2.00	73.90	2.24	78.40	2.36	87.50	2.60
	68	42.10	1.29	51.20	1.59	60.30	1.91	64.80	2.07	73.90	2.32	78.40	2.45	87.50	2.71
	72	42.10	1.32	51.20	1.65	60.30	1.98	64.80	2.15	73.90	2.42	78.40	2.55	87.50	2.84
	75	42.10	1.38	51.20	1.72	60.30	2.07	64.80	2.25	73.90	2.54	78.40	2.69	87.50	3.00
	79	42.10	1.45	51.20	1.81	60.30	2.18	64.80	2.37	73.90	2.69	78.40	2.85	87.50	3.19
	82	42.10	1.53	51.20	1.91	60.30	2.32	64.80	2.53	73.90	2.87	78.40	3.05	87.50	3.43
	86	42.10	1.62	51.20	2.03	60.30	2.48	64.80	2.72	73.90	3.10	78.40	3.30	87.50	3.71
	90	42.10	1.71	51.20	2.16	60.30	2.67	64.80	2.94	73.90	3.35	78.40	3.56	87.50	4.00
	93	42.10	1.80	51.20	2.32	60.30	2.89	64.80	3.18	73.90	3.62	78.40	3.85	87.50	4.32
	95	42.10	1.87	51.20	2.42	60.30	3.01	64.80	3.32	73.90	3.78	78.40	4.01	87.50	4.48
	99	42.10	2.03	51.20	2.63	60.30	3.28	64.80	3.62	73.90	4.09	78.40	4.32	87.50	4.79
	102	42.10	2.24	51.20	2.90	60.30	3.58	64.80	3.93	73.90	4.40	78.40	4.64	87.50	5.13
	106	42.10	2.50	51.20	3.18	60.30	3.89	64.80	4.25	73.90	4.75	78.40	5.00	87.50	5.52
	111	42.10	2.91	51.20	3.64	60.30	4.40	64.80	4.79	73.70	5.29	77.40	5.47	81.40	5.50
	115	42.10	3.22	51.20	3.97	60.20	4.76	64.40	5.14	68.80	5.20	70.20	5.15	73.10	5.05
	118	42.10	3.52	50.70	4.27	55.80	4.70	57.50	4.83	60.30	4.72	61.80	4.68	64.80	4.61
	120	42.10	3.69	48.00	4.20	51.40	4.45	53.10	4.57	56.00	4.48	57.60	4.45	60.70	4.38
	122	39.60	3.54	45.10	4.03	48.30	4.27	49.90	4.39	52.60	4.30	54.10	4.27	57.10	4.20
80	5	37.40	0.68	45.50	0.90	53.60	1.10	57.60	1.23	65.70	1.42	69.70	1.56	77.80	1.74
	10	37.40	0.72	45.50	0.94	53.60	1.15	57.60	1.27	65.70	1.46	69.70	1.60	77.80	1.78
	14	37.40	0.76	45.50	0.98	53.60	1.20	57.60	1.32	65.70	1.51	69.70	1.64	77.80	1.82
	23	37.40	0.80	45.50	1.03	53.60	1.25	57.60	1.37	65.70	1.56	69.70	1.68	77.80	1.86
	27	37.40	0.85	45.50	1.08	53.60	1.30	57.60	1.42	65.70	1.61	69.70	1.72	77.80	1.90
	32	37.40	0.90	45.50	1.13	53.60	1.35	57.60	1.47	65.70	1.66	69.70	1.76	77.80	1.94
	37	37.40	0.95	45.50	1.18	53.60	1.41	57.60	1.52	65.70	1.71	69.70	1.80	77.80	1.98
	41	37.40	1.01	45.50	1.24	53.60	1.47	57.60	1.58	65.70	1.76	69.70	1.85	77.80	2.02
	46	37.40	1.04	45.50	1.27	53.60	1.50	57.60	1.61	65.70	1.79	69.70	1.87	77.80	2.05
	50	37.40	1.06	45.50	1.29	53.60	1.52	57.60	1.63	65.70	1.81	69.70	1.89	77.80	2.07
	54	37.40	1.08	45.50	1.31	53.60	1.54	57.60	1.65	65.70	1.83	69.70	1.92	77.80	2.10
	57	37.40	1.10	45.50	1.33	53.60	1.57	57.60	1.68	65.70	1.86	69.70	1.95	77.80	2.14
	61	37.40	1.12	45.50	1.36	53.60	1.60	57.60	1.72	65.70	1.91	69.70	2.00	77.80	2.19
	64	37.40	1.15	45.50	1.39	53.60	1.64	57.60	1.76	65.70	1.96	69.70	2.06	77.80	2.26
	68	37.40	1.17	45.50	1.42	53.60	1.68	57.60	1.82	65.70	2.02	69.70	2.13	77.80	2.34
	72	37.40	1.19	45.50	1.47	53.60	1.74	57.60	1.89	65.70	2.11	69.70	2.22	77.80	2.45
	75	37.40	1.23	45.50	1.52	53.60	1.82	57.60	1.97	65.70	2.21	69.70	2.34	77.80	2.59
	79	37.40	1.28	45.50	1.59	53.60	1.91	57.60	2.07	65.70	2.34	69.70	2.48	77.80	2.75
	82	37.40	1.34	45.50	1.67	53.60	2.02	57.60	2.20	65.70	2.48	69.70	2.63	77.80	2.92
	86	37.40	1.41	45.50	1.77	53.60	2.15	57.60	2.34	65.70	2.65	69.70	2.81	77.80	3.13
	90	37.40	1.49	45.50	1.88	53.60	2.30	57.60	2.51	65.70	2.85	69.70	3.02	77.80	3.37
	93	37.40	1.58	45.50	2.02	53.60	2.47	57.60	2.71	65.70	3.07	69.70	3.26	77.80	3.64
	95	37.40	1.65	45.50	2.10	53.60	2.57	57.60	2.82	65.70	3.19	69.70	3.38	77.80	3.77
	99	37.40	1.80	45.50	2.29	53.60	2.80	57.60	3.06	65.70	3.46	69.70	3.66	77.80	4.05
	102	37.40	2.00	45.50	2.52	53.60	3.06	57.60	3.34	65.70	3.74	69.70	3.94	77.80	4.36
	106	37.40	2.20	45.50	2.75	53.60	3.33	57.60	3.63	65.70	4.05	69.70	4.26	77.80	4.68
	111	37.40	2.54	45.50	3.17	53.60	3.82	57.60	4.15	65.70	4.60	69.70	4.82	77.80	5.26
	115	37.40	2.83	45.50	3.50	53.60	4.20	57.60	4.56	64.70	4.89	67.40	4.98	71.70	5.04
	118	37.40	3.16	44.60	3.79	50.80	4.33	53.70	4.58	57.50	4.58	59.40	4.58	63.40	4.60
	120	36.00	3.21	41.50	3.68	46.80	4.12	49.40	4.33	53.20	4.34	55.20	4.35	59.20	4.37
	122	33.80	3.08	39.00	3.53	44.00	3.96	46.40	4.16	50.00	4.17	51.90	4.18	55.60	4.20

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/VRC072L4M

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	0.60	39.80	0.79	46.90	0.96	50.40	1.08	57.50	1.24	61.00	1.34	68.00	1.53
	10	32.80	0.64	39.80	0.83	46.90	1.00	50.40	1.12	57.50	1.28	61.00	1.37	68.00	1.56
	14	32.80	0.68	39.80	0.87	46.90	1.04	50.40	1.16	57.50	1.32	61.00	1.40	68.00	1.59
	23	32.80	0.72	39.80	0.91	46.90	1.08	50.40	1.20	57.50	1.36	61.00	1.44	68.00	1.62
	27	32.80	0.76	39.80	0.95	46.90	1.13	50.40	1.24	57.50	1.40	61.00	1.48	68.00	1.65
	32	32.80	0.80	39.80	0.99	46.90	1.18	50.40	1.28	57.50	1.44	61.00	1.52	68.00	1.68
	37	32.80	0.85	39.80	1.04	46.90	1.23	50.40	1.33	57.50	1.48	61.00	1.56	68.00	1.71
	41	32.80	0.90	39.80	1.09	46.90	1.28	50.40	1.38	57.50	1.53	61.00	1.60	68.00	1.74
	46	32.80	0.92	39.80	1.11	46.90	1.31	50.40	1.41	57.50	1.55	61.00	1.62	68.00	1.77
	50	32.80	0.94	39.80	1.13	46.90	1.33	50.40	1.42	57.50	1.57	61.00	1.64	68.00	1.79
	54	32.80	0.96	39.80	1.15	46.90	1.35	50.40	1.44	57.50	1.59	61.00	1.66	68.00	1.81
	57	32.80	0.97	39.80	1.17	46.90	1.37	50.40	1.47	57.50	1.62	61.00	1.69	68.00	1.84
	61	32.80	0.99	39.80	1.19	46.90	1.39	50.40	1.49	57.50	1.65	61.00	1.73	68.00	1.88
	64	32.80	1.02	39.80	1.22	46.90	1.43	50.40	1.53	57.50	1.69	61.00	1.77	68.00	1.94
	68	32.80	1.03	39.80	1.25	46.90	1.47	50.40	1.58	57.50	1.75	61.00	1.83	68.00	2.01
	72	32.80	1.05	39.80	1.28	46.90	1.51	50.40	1.63	57.50	1.81	61.00	1.91	68.00	2.09
	75	32.80	1.08	39.80	1.32	46.90	1.57	50.40	1.70	57.50	1.90	61.00	2.00	68.00	2.20
	79	32.80	1.11	39.80	1.37	46.90	1.64	50.40	1.78	57.50	2.00	61.00	2.11	68.00	2.34
	82	32.80	1.15	39.80	1.44	46.90	1.73	50.40	1.88	57.50	2.12	61.00	2.24	68.00	2.48
	86	32.80	1.20	39.80	1.51	46.90	1.83	50.40	1.99	57.50	2.24	61.00	2.37	68.00	2.63
	90	32.80	1.27	39.80	1.60	46.90	1.94	50.40	2.12	57.50	2.40	61.00	2.54	68.00	2.83
	93	32.80	1.34	39.80	1.71	46.90	2.08	50.40	2.27	57.50	2.57	61.00	2.73	68.00	3.04
	95	32.80	1.40	39.80	1.78	46.90	2.16	50.40	2.36	57.50	2.68	61.00	2.84	68.00	3.16
	99	32.80	1.52	39.80	1.93	46.90	2.35	50.40	2.56	57.50	2.90	61.00	3.06	68.00	3.40
	102	32.80	1.70	39.80	2.13	46.90	2.57	50.40	2.79	57.50	3.14	61.00	3.32	68.00	3.67
	106	32.80	1.86	39.80	2.33	46.90	2.81	50.40	3.06	57.50	3.42	61.00	3.60	68.00	3.96
	111	32.80	2.14	39.80	2.69	46.90	3.25	50.40	3.53	57.50	3.90	61.00	4.08	68.00	4.45
	115	32.80	2.42	39.80	3.00	46.90	3.60	50.40	3.90	57.50	4.26	60.80	4.44	67.30	4.76
	118	32.80	2.77	39.10	3.36	45.60	3.95	48.90	4.25	53.60	4.37	55.90	4.42	60.30	4.50
	120	30.50	2.88	36.20	3.37	42.10	3.88	45.20	4.13	49.50	4.18	51.70	4.21	56.10	4.28
	122	28.70	2.76	34.00	3.24	39.60	3.72	42.50	3.96	46.50	4.01	48.60	4.04	52.70	4.11
60	5	28.10	0.51	34.10	0.66	40.20	0.80	43.20	0.89	49.20	0.98	52.30	1.03	58.30	1.11
	10	28.10	0.54	34.10	0.69	40.20	0.84	43.20	0.93	49.20	1.02	52.30	1.07	58.30	1.16
	14	28.10	0.57	34.10	0.73	40.20	0.88	43.20	0.97	49.20	1.06	52.30	1.11	58.30	1.21
	23	28.10	0.61	34.10	0.77	40.20	0.92	43.20	1.01	49.20	1.10	52.30	1.16	58.30	1.26
	27	28.10	0.65	34.10	0.81	40.20	0.96	43.20	1.05	49.20	1.15	52.30	1.21	58.30	1.31
	32	28.10	0.69	34.10	0.85	40.20	1.01	43.20	1.09	49.20	1.20	52.30	1.26	58.30	1.36
	37	28.10	0.73	34.10	0.89	40.20	1.06	43.20	1.14	49.20	1.25	52.30	1.31	58.30	1.42
	41	28.10	0.78	34.10	0.94	40.20	1.11	43.20	1.19	49.20	1.30	52.30	1.36	58.30	1.48
	46	28.10	0.80	34.10	0.96	40.20	1.13	43.20	1.21	49.20	1.32	52.30	1.38	58.30	1.50
	50	28.10	0.81	34.10	0.98	40.20	1.14	43.20	1.22	49.20	1.34	52.30	1.40	58.30	1.51
	54	28.10	0.83	34.10	0.99	40.20	1.16	43.20	1.24	49.20	1.36	52.30	1.42	58.30	1.53
	57	28.10	0.84	34.10	1.01	40.20	1.18	43.20	1.26	49.20	1.38	52.30	1.44	58.30	1.56
	61	28.10	0.85	34.10	1.02	40.20	1.20	43.20	1.28	49.20	1.40	52.30	1.47	58.30	1.59
	64	28.10	0.87	34.10	1.05	40.20	1.22	43.20	1.31	49.20	1.44	52.30	1.50	58.30	1.63
	68	28.10	0.89	34.10	1.07	40.20	1.25	43.20	1.34	49.20	1.48	52.30	1.55	58.30	1.69
	72	28.10	0.90	34.10	1.09	40.20	1.29	43.20	1.38	49.20	1.53	52.30	1.60	58.30	1.75
	75	28.10	0.92	34.10	1.13	40.20	1.33	43.20	1.44	49.20	1.60	52.30	1.68	58.30	1.84
	79	28.10	0.94	34.10	1.16	40.20	1.39	43.20	1.50	49.20	1.68	52.30	1.77	58.30	1.95
	82	28.10	0.97	34.10	1.21	40.20	1.45	43.20	1.58	49.20	1.77	52.30	1.87	58.30	2.07
	86	28.10	1.00	34.10	1.26	40.20	1.53	43.20	1.66	49.20	1.87	52.30	1.97	58.30	2.19
	90	28.10	1.06	34.10	1.33	40.20	1.61	43.20	1.75	49.20	1.98	52.30	2.10	58.30	2.34
	93	28.10	1.10	34.10	1.41	40.20	1.71	43.20	1.86	49.20	2.12	52.30	2.25	58.30	2.51
	95	28.10	1.15	34.10	1.46	40.20	1.78	43.20	1.94	49.20	2.20	52.30	2.34	58.30	2.61
	99	28.10	1.24	34.10	1.58	40.20	1.93	43.20	2.11	49.20	2.39	52.30	2.54	58.30	2.82
	102	28.10	1.38	34.10	1.75	40.20	2.12	43.20	2.31	49.20	2.60	52.30	2.75	58.30	3.06
	106	28.10	1.53	34.10	1.92	40.20	2.33	43.20	2.54	49.20	2.85	52.30	3.01	58.30	3.32
	111	28.10	1.77	34.10	2.23	40.20	2.71	43.20	2.95	49.20	3.26	52.30	3.42	58.30	3.73
	115	28.10	1.98	34.10	2.49	40.20	3.00	43.20	3.26	49.20	3.57	52.30	3.73	58.30	4.03
	118	28.10	2.31	34.00	2.85	40.10	3.38	43.20	3.64	48.00	3.90	50.50	4.02	55.50	4.22
	120	26.50	2.53	32.00	3.04	37.70	3.55	40.60	3.81	44.80	3.93	47.00	3.99	51.30	4.09
	122	24.90	2.43	30.10	2.92	35.40	3.41	38.20	3.66	42.10	3.77	44.20	3.83	48.20	3.93

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/VRC072L4M

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	0.43	28.40	0.56	33.50	0.68	36.00	0.75	41.00	0.81	43.60	0.84	48.60	0.91
	10	23.40	0.46	28.40	0.59	33.50	0.71	36.00	0.78	41.00	0.84	43.60	0.88	48.60	0.95
	14	23.40	0.49	28.40	0.62	33.50	0.74	36.00	0.81	41.00	0.88	43.60	0.92	48.60	0.99
	23	23.40	0.52	28.40	0.65	33.50	0.77	36.00	0.84	41.00	0.92	43.60	0.96	48.60	1.03
	27	23.40	0.55	28.40	0.68	33.50	0.81	36.00	0.88	41.00	0.96	43.60	1.00	48.60	1.07
	32	23.40	0.58	28.40	0.72	33.50	0.85	36.00	0.92	41.00	1.00	43.60	1.04	48.60	1.11
	37	23.40	0.62	28.40	0.76	33.50	0.89	36.00	0.96	41.00	1.04	43.60	1.08	48.60	1.16
	41	23.40	0.66	28.40	0.80	33.50	0.93	36.00	1.00	41.00	1.08	43.60	1.12	48.60	1.21
	46	23.40	0.68	28.40	0.81	33.50	0.95	36.00	1.01	41.00	1.10	43.60	1.14	48.60	1.23
	50	23.40	0.69	28.40	0.83	33.50	0.96	36.00	1.03	41.00	1.11	43.60	1.16	48.60	1.24
	54	23.40	0.70	28.40	0.83	33.50	0.97	36.00	1.04	41.00	1.13	43.60	1.17	48.60	1.26
	57	23.40	0.70	28.40	0.84	33.50	0.99	36.00	1.06	41.00	1.15	43.60	1.19	48.60	1.28
	61	23.40	0.71	28.40	0.86	33.50	1.00	36.00	1.07	41.00	1.16	43.60	1.21	48.60	1.30
	64	23.40	0.73	28.40	0.88	33.50	1.02	36.00	1.09	41.00	1.19	43.60	1.24	48.60	1.33
	68	23.40	0.75	28.40	0.90	33.50	1.05	36.00	1.12	41.00	1.22	43.60	1.27	48.60	1.38
	72	23.40	0.76	28.40	0.92	33.50	1.07	36.00	1.15	41.00	1.26	43.60	1.32	48.60	1.43
	75	23.40	0.77	28.40	0.93	33.50	1.10	36.00	1.19	41.00	1.31	43.60	1.37	48.60	1.49
	79	23.40	0.78	28.40	0.96	33.50	1.14	36.00	1.24	41.00	1.37	43.60	1.44	48.60	1.57
	82	23.40	0.79	28.40	0.99	33.50	1.19	36.00	1.29	41.00	1.44	43.60	1.51	48.60	1.66
	86	23.40	0.81	28.40	1.03	33.50	1.24	36.00	1.35	41.00	1.51	43.60	1.60	48.60	1.76
	90	23.40	0.85	28.40	1.08	33.50	1.30	36.00	1.41	41.00	1.59	43.60	1.69	48.60	1.87
	93	23.40	0.89	28.40	1.13	33.50	1.37	36.00	1.49	41.00	1.69	43.60	1.80	48.60	2.01
	95	23.40	0.91	28.40	1.16	33.50	1.41	36.00	1.54	41.00	1.75	43.60	1.86	48.60	2.08
	99	23.40	0.99	28.40	1.26	33.50	1.54	36.00	1.68	41.00	1.91	43.60	2.03	48.60	2.27
	102	23.40	1.08	28.40	1.38	33.50	1.69	36.00	1.85	41.00	2.09	43.60	2.22	48.60	2.47
	106	23.40	1.22	28.40	1.54	33.50	1.87	36.00	2.04	41.00	2.30	43.60	2.44	48.60	2.70
	111	23.40	1.43	28.40	1.81	33.50	2.21	36.00	2.42	41.00	2.68	43.60	2.81	48.60	3.07
	115	23.40	1.60	28.40	2.02	33.50	2.45	36.00	2.67	41.00	2.93	43.60	3.06	48.60	3.32
	118	23.40	1.82	28.40	2.29	33.50	2.75	36.00	2.98	41.00	3.23	43.60	3.35	48.60	3.58
	120	23.40	2.04	28.40	2.50	33.50	2.95	36.00	3.17	39.70	3.40	41.80	3.51	46.60	3.72
	122	23.40	2.18	28.40	2.68	33.50	3.16	36.00	3.39	39.70	3.64	39.70	3.44	44.30	3.65

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/VRC072L4M

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	89.60	16.02	86.40	16.97	84.80	17.36	83.20	17.75	82.50	17.88	81.70	17.83
	-17.8	-18.0	94.50	16.28	91.30	17.23	89.70	17.62	88.10	18.01	87.30	18.14	86.60	18.09
	-12.6	-13.0	101.80	16.67	98.60	17.62	97.00	18.01	95.40	18.40	94.60	18.53	93.90	18.47
	-7.1	-7.6	109.10	17.06	105.90	18.01	104.30	18.40	102.70	18.79	101.30	18.92	97.70	18.01
	-3.6	-4.0	113.90	17.32	110.70	18.27	109.10	18.66	105.10	18.92	101.50	17.89	97.70	16.63
	-1.8	-2.2	116.40	17.45	113.20	18.40	111.60	18.79	105.30	18.50	101.50	17.20	97.70	15.99
	2.0	1.0	121.20	17.71	118.00	18.66	113.30	18.87	105.30	17.09	101.50	15.89	97.70	14.77
	6.0	5.0	128.50	18.10	121.30	18.39	113.30	16.75	105.30	15.17	101.50	14.11	97.70	13.12
	10.0	9.0	133.40	18.36	121.30	16.99	113.30	15.48	105.30	14.02	101.50	13.04	97.70	12.13
	13.0	12.0	135.80	18.49	121.30	16.33	113.30	14.88	105.30	13.48	101.50	12.54	97.70	11.66
	17.0	15.0	137.30	17.21	121.30	14.51	113.30	13.23	105.30	12.00	101.50	11.17	97.70	10.39
	19.0	18.0	137.30	16.54	121.30	13.96	113.30	12.73	105.30	11.55	101.50	10.75	97.70	10.00
	23.0	21.0	137.30	15.29	121.30	12.92	113.30	11.79	105.30	10.70	101.50	9.97	97.70	9.28
	26.0	24.0	137.30	14.15	121.30	11.97	113.30	10.93	105.30	9.93	101.50	9.26	97.70	8.62
	30.0	28.0	137.30	13.10	121.30	11.10	113.30	10.15	105.30	9.23	101.50	8.61	97.70	8.02
	35.0	32.0	137.30	11.70	121.30	9.94	113.30	9.11	105.30	8.30	101.50	7.75	97.70	7.23
	39.0	36.0	137.30	10.86	121.30	9.26	113.30	8.50	105.30	7.76	101.50	7.25	97.70	6.77
	44.0	40.0	137.30	10.11	121.30	8.65	113.30	7.95	105.30	7.27	101.50	6.80	97.70	6.35
	47.0	43.0	137.30	9.76	121.30	8.36	113.30	7.69	105.30	7.04	101.50	6.59	97.70	6.16
	51.0	47.0	137.30	9.12	121.30	7.84	113.30	7.23	105.30	6.63	101.50	6.21	97.70	5.81
	54.0	50.0	137.30	8.54	121.30	7.38	113.30	6.81	105.30	6.27	101.50	5.88	97.70	5.51
	57.0	53.0	137.30	7.79	121.30	6.77	113.30	6.28	105.30	5.79	101.50	5.44	97.70	5.11
	60.0	56.0	137.30	7.35	121.30	6.42	113.30	5.96	105.30	5.52	101.50	5.19	97.70	4.88
120	-21.8	-22.0	87.50	15.49	84.60	16.59	83.10	17.43	81.60	17.30	80.90	16.84	80.20	16.40
	-17.8	-18.0	92.40	15.75	89.40	16.85	88.00	17.69	86.50	17.56	85.80	17.10	85.10	16.66
	-12.6	-13.0	99.70	16.14	96.70	17.24	95.20	18.08	93.80	17.95	93.10	17.49	90.20	17.05
	-7.1	-7.6	107.00	16.53	104.00	17.63	102.50	18.47	97.20	17.51	93.70	16.27	90.20	15.14
	-3.6	-4.0	111.80	16.79	108.90	17.89	104.60	17.88	97.20	16.17	93.70	15.03	90.20	13.98
	-1.8	-2.2	114.30	16.92	111.30	18.02	104.60	17.18	97.20	15.54	93.70	14.45	90.20	13.44
	2.0	1.0	119.10	17.18	112.00	17.45	104.60	15.87	97.20	14.36	93.70	13.35	90.20	12.42
	6.0	5.0	126.40	17.57	112.00	15.49	104.60	14.09	97.20	12.75	93.70	11.86	90.20	11.03
	10.0	9.0	126.80	17.01	112.00	14.31	104.60	13.03	97.20	11.79	93.70	10.97	90.20	10.21
	13.0	12.0	126.80	16.35	112.00	13.76	104.60	12.53	97.20	11.34	93.70	10.55	90.20	9.82
	17.0	15.0	126.80	14.52	112.00	12.24	104.60	11.15	97.20	10.10	93.70	9.40	90.20	8.76
	19.0	18.0	126.80	13.97	112.00	11.77	104.60	10.73	97.20	9.73	93.70	9.05	90.20	8.43
	23.0	21.0	126.80	12.92	112.00	10.90	104.60	9.95	97.20	9.03	93.70	8.40	90.20	7.83
	26.0	24.0	126.80	11.96	112.00	10.11	104.60	9.23	97.20	8.39	93.70	7.81	90.20	7.28
	30.0	28.0	126.80	11.09	112.00	9.39	104.60	8.58	97.20	7.81	93.70	7.28	90.20	6.79
	35.0	32.0	126.80	9.92	112.00	8.43	104.60	7.72	97.20	7.04	93.70	6.57	90.20	6.13
	39.0	36.0	126.80	9.23	112.00	7.87	104.60	7.22	97.20	6.59	93.70	6.15	90.20	5.75
	44.0	40.0	126.80	8.61	112.00	7.36	104.60	6.76	97.20	6.19	93.70	5.78	90.20	5.41
	47.0	43.0	126.80	8.32	112.00	7.12	104.60	6.55	97.20	6.00	93.70	5.61	90.20	5.25
	51.0	47.0	126.80	7.79	112.00	6.69	104.60	6.17	97.20	5.67	93.70	5.30	90.20	4.97
	54.0	50.0	126.80	7.32	112.00	6.31	104.60	5.83	97.20	5.37	93.70	5.03	90.20	4.71
	57.0	53.0	126.80	6.70	112.00	5.82	104.60	5.39	97.20	4.98	93.70	4.67	90.20	4.39
	60.0	56.0	126.80	6.35	112.00	5.53	104.60	5.14	97.20	4.76	93.70	4.47	90.20	4.20
110	-21.8	-22.0	85.40	15.76	82.70	15.98	81.30	16.78	80.00	16.67	79.40	16.27	78.70	15.83
	-17.8	-18.0	90.30	16.02	87.60	16.24	86.20	17.04	84.90	16.93	84.20	16.53	82.70	16.09
	-12.6	-13.0	97.60	16.41	94.90	16.63	93.50	17.43	89.10	16.53	85.90	15.39	82.70	14.30
	-7.1	-7.6	104.90	16.80	102.10	17.02	95.90	16.22	89.10	14.67	85.90	13.67	82.70	12.69
	-3.6	-4.0	109.70	17.06	102.60	16.48	95.90	14.98	89.10	13.55	85.90	12.62	82.70	11.73
	-1.8	-2.2	112.10	17.19	102.60	15.84	95.90	14.40	89.10	13.03	85.90	12.13	82.70	11.27
	2.0	1.0	116.20	17.45	102.60	14.63	95.90	13.30	89.10	12.04	85.90	11.21	82.70	10.41
	6.0	5.0	116.20	15.49	102.60	13.00	95.90	11.82	89.10	10.70	85.90	9.97	82.70	9.26
	10.0	9.0	116.20	14.31	102.60	12.01	95.90	10.93	89.10	9.90	85.90	9.22	82.70	8.57
	13.0	12.0	116.20	13.76	102.60	11.55	95.90	10.51	89.10	9.52	85.90	8.87	82.70	8.25
	17.0	15.0	116.20	12.23	102.60	10.28	95.90	9.37	89.10	8.49	85.90	7.92	82.70	7.36
	19.0	18.0	116.20	11.76	102.60	9.90	95.90	9.02	89.10	8.18	85.90	7.63	82.70	7.10
	23.0	21.0	116.20	10.89	102.60	9.18	95.90	8.37	89.10	7.60	85.90	7.09	82.70	6.60
	26.0	24.0	116.20	10.10	102.60	8.52	95.90	7.78	89.10	7.07	85.90	6.60	82.70	6.15
	30.0	28.0	116.20	9.37	102.60	7.93	95.90	7.24	89.10	6.59	85.90	6.15	82.70	5.74
	35.0	32.0	116.20	8.40	102.60	7.13	95.90	6.53	89.10	5.96	85.90	5.57	82.70	5.20
	39.0	36.0	116.20	7.83	102.60	6.67	95.90	6.12	89.10	5.58	85.90	5.23	82.70	4.88
	44.0	40.0	116.20	7.32	102.60	6.25	95.90	5.74	89.10	5.25	85.90	4.92	82.70	4.60
	47.0	43.0	116.20	7.08	102.60	6.06	95.90	5.57	89.10	5.10	85.90	4.78	82.70	4.47
	51.0	47.0	116.20	6.65	102.60	5.71	95.90	5.26	89.10	4.83	85.90	4.53	82.70	4.24
	54.0	50.0	116.20	6.26	102.60	5.40	95.90	4.99	89.10	4.58	85.90	4.30	82.70	4.03
	57.0	53.0	116.20	5.76	102.60	5.00	95.90	4.63	89.10	4.27	85.90	4.01	82.70	3.77
	60.0	56.0	116.20	5.47	102.60	4.77	95.90	4.42	89.10	4.08	85.90	3.85	82.70	3.61

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/VRC072L4M

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	83.30	15.13	80.80	15.36	79.60	15.36	78.40	15.38	76.90	14.89	75.20	14.51
	-17.8	-18.0	88.20	15.39	85.70	15.62	84.50	15.62	81.00	15.52	78.10	14.45	75.20	13.42
	-12.6	-13.0	95.40	15.78	93.00	16.01	87.20	15.26	81.00	13.78	78.10	12.83	75.20	11.92
	-7.1	-7.6	102.70	16.17	93.30	14.91	87.20	13.55	81.00	12.24	78.10	11.39	75.20	10.58
	-3.6	-4.0	105.60	16.43	93.30	13.77	87.20	12.52	81.00	11.31	78.10	10.52	75.20	9.78
	-1.8	-2.2	105.60	15.79	93.30	13.24	87.20	12.03	81.00	10.87	78.10	10.12	75.20	9.40
	2.0	1.0	105.60	14.59	93.30	12.23	87.20	11.12	81.00	10.04	78.10	9.35	75.20	8.69
	6.0	5.0	105.60	12.95	93.30	10.87	87.20	9.88	81.00	8.93	78.10	8.32	75.20	7.73
	10.0	9.0	105.60	11.97	93.30	10.05	87.20	9.14	81.00	8.27	78.10	7.70	75.20	7.16
	13.0	12.0	105.60	11.51	93.30	9.67	87.20	8.80	81.00	7.96	78.10	7.41	75.20	6.89
	17.0	15.0	105.60	10.24	93.30	8.62	87.20	7.85	81.00	7.11	78.10	6.62	75.20	6.16
	19.0	18.0	105.60	9.86	93.30	8.30	87.20	7.56	81.00	6.85	78.10	6.38	75.20	5.94
	23.0	21.0	105.60	9.14	93.30	7.70	87.20	7.02	81.00	6.37	78.10	5.94	75.20	5.53
	26.0	24.0	105.60	8.48	93.30	7.16	87.20	6.54	81.00	5.94	78.10	5.54	75.20	5.16
	30.0	28.0	105.60	7.88	93.30	6.67	87.20	6.10	81.00	5.54	78.10	5.17	75.20	4.82
	35.0	32.0	105.60	7.09	93.30	6.02	87.20	5.52	81.00	5.03	78.10	4.69	75.20	4.38
	39.0	36.0	105.60	6.62	93.30	5.64	87.20	5.17	81.00	4.72	78.10	4.41	75.20	4.13
	44.0	40.0	105.60	6.20	93.30	5.30	87.20	4.87	81.00	4.45	78.10	4.16	75.20	3.90
	47.0	43.0	105.60	6.01	93.30	5.14	87.20	4.73	81.00	4.33	78.10	4.05	75.20	3.79
	51.0	47.0	105.60	5.66	93.30	4.86	87.20	4.48	81.00	4.11	78.10	3.85	75.20	3.60
90	54.0	50.0	105.60	5.35	93.30	4.61	87.20	4.26	81.00	3.91	78.10	3.66	75.20	3.44
	57.0	53.0	105.60	4.94	93.30	4.28	87.20	3.97	81.00	3.66	78.10	3.43	75.20	3.22
	60.0	56.0	105.60	4.71	93.30	4.09	87.20	3.80	81.00	3.51	78.10	3.29	75.20	3.10
	-21.8	-22.0	81.20	15.58	79.00	15.05	77.10	15.04	72.90	14.29	70.30	13.32	67.70	12.35
	-17.8	-18.0	86.00	15.84	83.80	15.31	78.40	14.59	72.90	13.22	70.30	12.31	67.70	11.41
	-12.6	-13.0	93.30	16.23	84.00	14.26	78.40	12.96	72.90	11.73	70.30	10.93	67.70	10.13
	-7.1	-7.6	95.10	15.11	84.00	12.67	78.40	11.50	72.90	10.42	70.30	9.70	67.70	8.99
	-3.6	-4.0	95.10	13.96	84.00	11.70	78.40	10.63	72.90	9.63	70.30	8.96	67.70	8.31
	-1.8	-2.2	95.10	13.42	84.00	11.25	78.40	10.22	72.90	9.25	70.30	8.62	67.70	7.99
	2.0	1.0	95.10	12.40	84.00	10.39	78.40	9.44	72.90	8.55	70.30	7.97	67.70	7.39
	6.0	5.0	95.10	11.01	84.00	9.24	78.40	8.40	72.90	7.61	70.30	7.09	67.70	6.58
	10.0	9.0	95.10	10.18	84.00	8.55	78.40	7.78	72.90	7.05	70.30	6.57	67.70	6.10
	13.0	12.0	95.10	9.80	84.00	8.23	78.40	7.48	72.90	6.79	70.30	6.33	67.70	5.87
	17.0	15.0	95.10	8.73	84.00	7.34	78.40	6.69	72.90	6.07	70.30	5.66	67.70	5.26
	19.0	18.0	95.10	8.41	84.00	7.08	78.40	6.45	72.90	5.86	70.30	5.46	67.70	5.07
	23.0	21.0	95.10	7.80	84.00	6.58	78.40	6.00	72.90	5.45	70.30	5.09	67.70	4.73
	26.0	24.0	95.10	7.25	84.00	6.13	78.40	5.59	72.90	5.09	70.30	4.75	67.70	4.42
	30.0	28.0	95.10	6.75	84.00	5.72	78.40	5.22	72.90	4.76	70.30	4.45	67.70	4.14
	35.0	32.0	95.10	6.09	84.00	5.18	78.40	4.74	72.90	4.33	70.30	4.05	67.70	3.77
	39.0	36.0	95.10	5.71	84.00	4.86	78.40	4.46	72.90	4.08	70.30	3.81	67.70	3.56
80	44.0	40.0	95.10	5.36	84.00	4.58	78.40	4.21	72.90	3.85	70.30	3.61	67.70	3.37
	47.0	43.0	95.10	5.20	84.00	4.45	78.40	4.09	72.90	3.75	70.30	3.51	67.70	3.28
	51.0	47.0	95.10	4.91	84.00	4.22	78.40	3.88	72.90	3.57	70.30	3.34	67.70	3.12
	54.0	50.0	95.10	4.66	84.00	4.01	78.40	3.70	72.90	3.40	70.30	3.19	67.70	2.99
	57.0	53.0	95.10	4.33	84.00	3.74	78.40	3.46	72.90	3.19	70.30	3.00	67.70	2.81
	60.0	56.0	95.10	4.13	84.00	3.59	78.40	3.33	72.90	3.07	70.30	2.88	67.70	2.71
	-21.8	-22.0	79.10	15.08	74.70	14.59	69.70	13.24	64.80	12.02	62.50	11.17	60.10	10.37
	-17.8	-18.0	83.90	15.34	74.70	13.49	69.70	12.24	64.80	11.10	62.50	10.32	60.10	9.58
	-12.6	-13.0	84.50	14.30	74.70	11.98	69.70	10.87	64.80	9.86	62.50	9.16	60.10	8.50
	-7.1	-7.6	84.50	12.69	74.70	10.64	69.70	9.65	64.80	8.75	62.50	8.13	60.10	7.55
	-3.6	-4.0	84.50	11.73	74.70	9.83	69.70	8.91	64.80	8.09	62.50	7.52	60.10	6.98
	-1.8	-2.2	84.50	11.27	74.70	9.45	69.70	8.57	64.80	7.78	62.50	7.23	60.10	6.71
	2.0	1.0	84.50	10.41	74.70	8.73	69.70	7.92	64.80	7.19	62.50	6.69	60.10	6.21
	6.0	5.0	84.50	9.26	74.70	7.77	69.70	7.05	64.80	6.41	62.50	5.96	60.10	5.54
	10.0	9.0	84.50	8.57	74.70	7.20	69.70	6.54	64.80	5.94	62.50	5.52	60.10	5.14
	13.0	12.0	84.50	8.24	74.70	6.93	69.70	6.30	64.80	5.72	62.50	5.32	60.10	4.95
	17.0	15.0	84.50	7.36	74.70	6.20	69.70	5.64	64.80	5.13	62.50	4.77	60.10	4.44
	19.0	18.0	84.50	7.09	74.70	5.97	69.70	5.44	64.80	4.95	62.50	4.61	60.10	4.29
	23.0	21.0	84.50	6.59	74.70	5.56	69.70	5.07	64.80	4.61	62.50	4.30	60.10	4.00
	26.0	24.0	84.50	6.13	74.70	5.19	69.70	4.73	64.80	4.31	62.50	4.02	60.10	3.75
80	30.0	28.0	84.50	5.72	74.70	4.85	69.70	4.43	64.80	4.04	62.50	3.77	60.10	3.52
	35.0	32.0	84.50	5.18	74.70	4.41	69.70	4.03	64.80	3.69	62.50	3.44	60.10	3.21
	39.0	36.0	84.50	4.86	74.70	4.15	69.70	3.80	64.80	3.48	62.50	3.25	60.10	3.04
	44.0	40.0	84.50	4.58	74.70	3.92	69.70	3.59	64.80	3.29	62.50	3.08	60.10	2.88
	47.0	43.0	84.50	4.45	74.70	3.81	69.70	3.50	64.80	3.21	62.50	3.00	60.10	2.81
	51.0	47.0	84.50	4.22	74.70	3.62	69.70	3.33	64.80	3.06	62.50	2.86	60.10	2.68
	54.0	50.0	84.50	4.01	74.70	3.45	69.70	3.18	64.80	2.93	62.50	2.74	60.10	2.57
	57.0	53.0	84.50	3.74	74.70	3.24	69.70	2.99	64.80	2.76	62.50	2.58	60.10	2.43
	60.0	56.0	84.50	3.59	74.70	3.11	69.70	2.88	64.80	2.66	62.50	2.49	60.10	2.34

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/VRC072L4M

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	73.90	14.33	65.30	12.02	61.00	10.95	56.70	9.91	54.70	9.19	52.60	8.59
	-17.8	-18.0	73.90	13.25	65.30	11.10	61.00	10.12	56.70	9.15	54.70	8.49	52.60	7.93
	-12.6	-13.0	73.90	11.76	65.30	9.86	61.00	8.98	56.70	8.13	54.70	7.54	52.60	7.04
	-7.1	-7.6	73.90	10.45	65.30	8.75	61.00	7.98	56.70	7.22	54.70	6.70	52.60	6.26
	-3.6	-4.0	73.90	9.65	65.30	8.09	61.00	7.37	56.70	6.67	54.70	6.19	52.60	5.78
	-1.8	-2.2	73.90	9.28	65.30	7.78	61.00	7.09	56.70	6.42	54.70	5.96	52.60	5.56
	2.0	1.0	73.90	8.58	65.30	7.19	61.00	6.56	56.70	5.94	54.70	5.51	52.60	5.15
	6.0	5.0	73.90	7.63	65.30	6.41	61.00	5.85	56.70	5.30	54.70	4.92	52.60	4.59
	10.0	9.0	73.90	7.07	65.30	5.94	61.00	5.42	56.70	4.92	54.70	4.57	52.60	4.27
	13.0	12.0	73.90	6.80	65.30	5.72	61.00	5.23	56.70	4.74	54.70	4.40	52.60	4.11
	17.0	15.0	73.90	6.09	65.30	5.13	61.00	4.69	56.70	4.26	54.70	3.96	52.60	3.70
	19.0	18.0	73.90	5.87	65.30	4.95	61.00	4.53	56.70	4.11	54.70	3.82	52.60	3.57
	23.0	21.0	73.90	5.46	65.30	4.61	61.00	4.22	56.70	3.84	54.70	3.57	52.60	3.34
	26.0	24.0	73.90	5.10	65.30	4.31	61.00	3.95	56.70	3.60	54.70	3.35	52.60	3.13
	30.0	28.0	73.90	4.77	65.30	4.04	61.00	3.71	56.70	3.38	54.70	3.15	52.60	2.94
	35.0	32.0	73.90	4.33	65.30	3.69	61.00	3.39	56.70	3.09	54.70	2.88	52.60	2.70
	39.0	36.0	73.90	4.08	65.30	3.48	61.00	3.20	56.70	2.93	54.70	2.73	52.60	2.55
	44.0	40.0	73.90	3.85	65.30	3.29	61.00	3.04	56.70	2.78	54.70	2.59	52.60	2.43
	47.0	43.0	73.90	3.75	65.30	3.21	61.00	2.96	56.70	2.71	54.70	2.53	52.60	2.37
	51.0	47.0	73.90	3.57	65.30	3.06	61.00	2.83	56.70	2.59	54.70	2.42	52.60	2.27
60	54.0	50.0	73.90	3.40	65.30	2.93	61.00	2.71	56.70	2.48	54.70	2.32	52.60	2.18
	57.0	53.0	73.90	3.19	65.30	2.76	61.00	2.55	56.70	2.35	54.70	2.20	52.60	2.06
	60.0	56.0	73.90	3.07	65.30	2.66	61.00	2.46	56.70	2.27	54.70	2.13	52.60	1.99
	-21.8	-22.0	63.40	11.58	56.00	9.73	52.30	8.85	48.60	8.01	46.90	7.46	45.10	6.94
	-17.8	-18.0	63.40	10.70	56.00	8.99	52.30	8.17	48.60	7.40	46.90	6.89	45.10	6.41
	-12.6	-13.0	63.40	9.50	56.00	7.98	52.30	7.26	48.60	6.57	46.90	6.12	45.10	5.69
	-7.1	-7.6	63.40	8.43	56.00	7.09	52.30	6.45	48.60	5.84	46.90	5.44	45.10	5.06
	-3.6	-4.0	63.40	7.79	56.00	6.55	52.30	5.96	48.60	5.40	46.90	5.03	45.10	4.68
	-1.8	-2.2	63.40	7.49	56.00	6.30	52.30	5.73	48.60	5.19	46.90	4.84	45.10	4.50
	2.0	1.0	63.40	6.93	56.00	5.83	52.30	5.31	48.60	4.81	46.90	4.48	45.10	4.17
	6.0	5.0	63.40	6.18	56.00	5.20	52.30	4.74	48.60	4.29	46.90	4.00	45.10	3.73
	10.0	9.0	63.40	5.73	56.00	4.83	52.30	4.40	48.60	3.99	46.90	3.72	45.10	3.46
	13.0	12.0	63.40	5.52	56.00	4.65	52.30	4.24	48.60	3.85	46.90	3.59	45.10	3.34
	17.0	15.0	63.40	4.95	56.00	4.18	52.30	3.81	48.60	3.46	46.90	3.23	45.10	3.01
	19.0	18.0	63.40	4.77	56.00	4.03	52.30	3.68	48.60	3.35	46.90	3.12	45.10	2.91
	23.0	21.0	63.40	4.45	56.00	3.77	52.30	3.45	48.60	3.13	46.90	2.93	45.10	2.73
	26.0	24.0	63.40	4.17	56.00	3.53	52.30	3.23	48.60	2.94	46.90	2.75	45.10	2.56
	30.0	28.0	63.40	3.91	56.00	3.32	52.30	3.04	48.60	2.77	46.90	2.59	45.10	2.41
	35.0	32.0	63.40	3.57	56.00	3.03	52.30	2.79	48.60	2.54	46.90	2.38	45.10	2.22
	39.0	36.0	63.40	3.37	56.00	2.87	52.30	2.64	48.60	2.41	46.90	2.26	45.10	2.11
50	44.0	40.0	63.40	3.19	56.00	2.73	52.30	2.51	48.60	2.29	46.90	2.15	45.10	2.01
	47.0	43.0	63.40	3.11	56.00	2.66	52.30	2.45	48.60	2.24	46.90	2.10	45.10	1.96
	51.0	47.0	63.40	2.97	56.00	2.54	52.30	2.35	48.60	2.15	46.90	2.01	45.10	1.88
	54.0	50.0	63.40	2.84	56.00	2.44	52.30	2.25	48.60	2.06	46.90	1.94	45.10	1.81
	57.0	53.0	63.40	2.68	56.00	2.30	52.30	2.13	48.60	1.96	46.90	1.84	45.10	1.72
	60.0	56.0	63.40	2.58	56.00	2.23	52.30	2.06	48.60	1.90	46.90	1.78	45.10	1.67
	-21.8	-22.0	52.80	9.06	46.70	7.60	43.60	6.93	40.50	6.26	39.00	5.86	37.60	5.46
	-17.8	-18.0	52.80	8.37	46.70	7.02	43.60	6.40	40.50	5.78	39.00	5.41	37.60	5.04
	-12.6	-13.0	52.80	7.43	46.70	6.24	43.60	5.68	40.50	5.14	39.00	4.81	37.60	4.48
	-7.1	-7.6	52.80	6.60	46.70	5.54	43.60	5.05	40.50	4.57	39.00	4.27	37.60	3.98
	-3.6	-4.0	52.80	6.10	46.70	5.12	43.60	4.67	40.50	4.23	39.00	3.95	37.60	3.68
	-1.8	-2.2	52.80	5.87	46.70	4.93	43.60	4.50	40.50	4.07	39.00	3.81	37.60	3.55
	2.0	1.0	52.80	5.43	46.70	4.57	43.60	4.16	40.50	3.77	39.00	3.53	37.60	3.29
	6.0	5.0	52.80	4.85	46.70	4.08	43.60	3.72	40.50	3.37	39.00	3.16	37.60	2.94
	10.0	9.0	52.80	4.50	46.70	3.79	43.60	3.46	40.50	3.14	39.00	2.94	37.60	2.74
	13.0	12.0	52.80	4.34	46.70	3.66	43.60	3.34	40.50	3.03	39.00	2.84	37.60	2.64
	17.0	15.0	52.80	3.90	46.70	3.29	43.60	3.01	40.50	2.73	39.00	2.56	37.60	2.39
	19.0	18.0	52.80	3.77	46.70	3.18	43.60	2.91	40.50	2.64	39.00	2.48	37.60	2.31
	23.0	21.0	52.80	3.52	46.70	2.98	43.60	2.73	40.50	2.48	39.00	2.32	37.60	2.17
	26.0	24.0	52.80	3.30	46.70	2.80	43.60	2.56	40.50	2.33	39.00	2.19	37.60	2.04
	30.0	28.0	52.80	3.10	46.70	2.64	43.60	2.42	40.50	2.20	39.00	2.06	37.60	1.93
50	35.0	32.0	52.80	2.84	46.70	2.42	43.60	2.22	40.50	2.03	39.00	1.90	37.60	1.78
	39.0	36.0	52.80	2.69	46.70	2.30	43.60	2.11	40.50	1.93	39.00	1.81	37.60	1.69
	44.0	40.0	52.80	2.56	46.70	2.19	43.60	2.02	40.50	1.84	39.00	1.73	37.60	1.61
	47.0	43.0	52.80	2.50	46.70	2.14	43.60	1.97	40.50	1.80	39.00	1.69	37.60	1.58
	51.0	47.0	52.80	2.39	46.70	2.05	43.60	1.89	40.50	1.73	39.00	1.62	37.60	1.52
	54.0	50.0	52.80	2.30	46.70	1.97	43.60	1.82	40.50	1.67	39.00	1.57	37.60	1.46
	57.0	53.0	52.80	2.17	46.70	1.87	43.60	1.73	40.50	1.59	39.00	1.49	37.60	1.40
	60.0	56.0	52.80	2.10	46.70	1.82	43.60	1.68	40.50	1.54	39.00	1.45	37.60	1.36

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/VRC096L4M

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	1.47	98.60	2.05	116.10	2.61	124.80	2.95	142.30	3.42	161.89	3.73	177.65	4.17
	10	81.10	1.55	98.60	2.14	116.10	2.70	124.80	3.04	142.30	3.51	160.29	3.81	175.89	4.23
	14	81.10	1.63	98.60	2.23	116.10	2.80	124.80	3.13	142.30	3.60	158.70	3.89	174.15	4.29
	23	81.10	1.72	98.60	2.32	116.10	2.90	124.80	3.23	142.30	3.69	157.13	3.97	172.43	4.36
	27	81.10	1.81	98.60	2.42	116.10	3.00	124.80	3.33	142.30	3.78	155.58	4.05	170.72	4.43
	32	81.10	1.90	98.60	2.52	116.10	3.11	124.80	3.43	142.30	3.88	154.04	4.13	169.03	4.50
	37	81.10	2.00	98.60	2.62	116.10	3.22	124.80	3.54	142.30	3.98	152.51	4.21	167.36	4.57
	41	81.10	2.11	98.60	2.73	116.10	3.34	124.80	3.65	142.30	4.08	151.00	4.30	165.70	4.64
	46	81.10	2.16	98.60	2.78	116.10	3.40	124.80	3.71	142.30	4.16	151.00	4.39	164.30	4.70
	50	81.10	2.21	98.60	2.83	116.10	3.46	124.80	3.77	142.30	4.24	151.00	4.47	163.30	4.76
	54	81.10	2.28	98.60	2.91	116.10	3.54	124.80	3.85	142.30	4.33	151.00	4.58	162.40	4.86
	57	81.10	2.36	98.60	2.99	116.10	3.62	124.80	3.95	142.30	4.46	151.00	4.72	161.40	4.97
	61	81.10	2.43	98.60	3.08	116.10	3.74	124.80	4.08	142.30	4.60	151.00	4.87	160.50	5.11
	64	81.10	2.55	98.60	3.20	116.10	3.87	124.80	4.21	142.30	4.76	151.00	5.06	159.50	5.29
	68	81.10	2.65	98.60	3.32	116.10	4.02	124.80	4.38	142.30	4.97	150.20	5.26	158.50	5.55
	72	81.10	2.77	98.60	3.47	116.10	4.19	124.80	4.58	142.30	5.24	149.30	5.51	157.60	5.86
	75	81.10	2.91	98.60	3.61	116.10	4.41	124.80	4.84	142.30	5.57	148.30	5.82	156.60	6.23
	79	81.10	3.01	98.60	3.82	116.10	4.67	124.80	5.16	142.30	5.94	147.30	6.19	155.70	6.69
	82	81.10	3.22	98.60	4.03	116.10	4.99	124.80	5.51	142.20	6.41	146.40	6.64	154.70	7.16
	86	81.10	3.38	98.60	4.31	116.10	5.34	124.80	5.94	141.30	6.86	145.40	7.09	153.70	7.69
	90	81.10	3.63	98.60	4.60	116.10	5.80	124.80	6.44	140.30	7.31	144.50	7.58	152.80	8.29
	93	81.10	3.87	98.60	5.02	116.10	6.28	124.80	6.92	139.30	7.83	143.50	8.16	151.80	8.89
	95	81.10	4.02	98.60	5.25	116.10	6.51	124.80	7.16	138.90	8.13	143.00	8.47	151.30	9.09
	99	81.10	4.46	98.60	5.70	116.10	6.99	124.80	7.75	137.90	8.74	142.10	9.08	150.40	9.27
	102	81.10	4.89	98.60	6.13	116.10	7.61	124.80	8.42	136.90	9.36	141.10	9.45	144.00	9.03
	106	81.10	5.30	98.60	6.69	116.10	8.29	124.80	9.13	131.00	9.24	131.50	8.95	132.90	8.42
	111	81.10	6.08	98.60	7.67	112.10	9.06	113.00	8.85	114.00	8.26	114.70	8.00	116.30	7.51
	115	81.10	6.70	97.90	8.46	101.10	8.40	101.30	8.15	102.60	7.61	103.40	7.37	105.30	6.90
	118	81.10	7.46	89.00	8.20	89.20	7.69	89.60	7.46	91.20	6.96	92.20	6.73	94.20	6.30
	120	80.60	7.96	82.80	7.82	83.30	7.34	83.70	7.11	85.50	6.64	86.50	6.42	88.70	5.99
	122	75.80	7.64	77.80	7.51	78.30	7.05	78.70	6.83	80.40	6.37	81.30	6.16	83.40	5.75
120	5	74.90	1.38	91.00	1.89	107.10	2.39	115.20	2.70	131.30	3.13	139.40	3.41	166.72	3.91
	10	74.90	1.45	91.00	1.97	107.10	2.48	115.20	2.78	131.30	3.21	139.40	3.48	165.07	3.97
	14	74.90	1.53	91.00	2.05	107.10	2.57	115.20	2.87	131.30	3.29	139.40	3.55	163.43	4.03
	23	74.90	1.61	91.00	2.14	107.10	2.66	115.20	2.96	131.30	3.37	139.40	3.62	161.81	4.09
	27	74.90	1.69	91.00	2.23	107.10	2.76	115.20	3.05	131.30	3.46	139.40	3.69	160.21	4.15
	32	74.90	1.78	91.00	2.32	107.10	2.86	115.20	3.14	131.30	3.55	139.40	3.77	158.63	4.21
	37	74.90	1.87	91.00	2.42	107.10	2.96	115.20	3.24	131.30	3.64	139.40	3.85	157.06	4.27
	41	74.90	1.97	91.00	2.52	107.10	3.07	115.20	3.34	131.30	3.73	139.40	3.93	155.50	4.33
	46	74.90	2.01	91.00	2.57	107.10	3.12	115.20	3.39	131.30	3.80	139.40	4.00	155.50	4.42
	50	74.90	2.06	91.00	2.61	107.10	3.17	115.20	3.44	131.30	3.86	139.40	4.07	155.50	4.50
	54	74.90	2.11	91.00	2.67	107.10	3.23	115.20	3.51	131.30	3.94	139.40	4.16	155.50	4.61
	57	74.90	2.18	91.00	2.74	107.10	3.30	115.20	3.59	131.30	4.04	139.40	4.27	155.50	4.75
	61	74.90	2.24	91.00	2.81	107.10	3.40	115.20	3.70	131.30	4.17	139.40	4.41	155.50	4.90
	64	74.90	2.33	91.00	2.91	107.10	3.51	115.20	3.82	131.30	4.30	139.40	4.56	155.50	5.10
	68	74.90	2.41	91.00	3.01	107.10	3.64	115.20	3.96	131.30	4.48	139.40	4.76	155.20	5.33
	72	74.90	2.50	91.00	3.13	107.10	3.79	115.20	4.13	131.30	4.70	139.40	5.01	154.30	5.62
	75	74.90	2.62	91.00	3.27	107.10	3.98	115.20	4.36	131.30	4.99	139.40	5.33	153.30	5.96
	79	74.90	2.73	91.00	3.45	107.10	4.22	115.20	4.64	131.30	5.33	139.40	5.71	152.40	6.38
	82	74.90	2.92	91.00	3.66	107.10	4.50	115.20	4.97	131.30	5.73	139.40	6.16	151.40	6.83
	86	74.90	3.07	91.00	3.90	107.10	4.82	115.20	5.35	131.30	6.21	139.40	6.66	150.40	7.31
	90	74.90	3.29	91.00	4.17	107.10	5.22	115.20	5.81	131.30	6.70	139.40	7.18	149.50	7.81
	93	74.90	3.50	91.00	4.52	107.10	5.67	115.20	6.28	131.30	7.22	139.40	7.74	148.50	8.38
	95	74.90	3.63	91.00	4.72	107.10	5.89	115.20	6.52	131.30	7.50	138.90	8.02	148.00	8.66
	99	74.90	4.00	91.00	5.13	107.10	6.36	115.20	7.03	131.30	8.12	137.90	8.58	147.10	9.15
	102	74.90	4.38	91.00	5.56	107.10	6.90	115.20	7.61	131.30	8.76	137.00	9.12	142.10	9.02
	106	74.90	4.78	91.00	6.07	107.10	7.49	115.20	8.23	128.00	9.04	129.30	8.86	131.00	8.41
	111	74.90	5.52	91.00	6.95	106.50	8.39	110.30	8.62	111.60	8.14	112.40	7.92	114.40	7.50
	115	74.90	6.09	91.00	7.62	98.10	8.10	98.60	7.96	100.20	7.49	101.20	7.28	103.30	6.89
	118	74.90	6.74	85.30	7.69	86.40	7.41	87.00	7.27	88.90	6.84	90.00	6.65	92.30	6.29
	120	74.90	7.14	79.50	7.35	80.50	7.06	81.10	6.92	83.20	6.52	84.30	6.33	86.70	5.98
	122	70.40	6.85	74.70	7.06	75.70	6.78	76.20	6.64	78.20	6.26	79.20	6.08	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/VRC096L4M

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	1.27	83.40	1.73	98.20	2.18	105.60	2.44	120.40	2.85	127.80	3.10	142.60	3.52
	10	68.60	1.34	83.40	1.80	98.20	2.26	105.60	2.52	120.40	2.92	127.80	3.16	142.60	3.57
	14	68.60	1.41	83.40	1.88	98.20	2.34	105.60	2.60	120.40	2.99	127.80	3.22	142.60	3.62
	23	68.60	1.48	83.40	1.96	98.20	2.42	105.60	2.68	120.40	3.07	127.80	3.29	142.60	3.68
	27	68.60	1.56	83.40	2.04	98.20	2.51	105.60	2.76	120.40	3.15	127.80	3.36	142.60	3.74
	32	68.60	1.64	83.40	2.13	98.20	2.60	105.60	2.85	120.40	3.23	127.80	3.43	142.60	3.80
	37	68.60	1.73	83.40	2.22	98.20	2.69	105.60	2.94	120.40	3.31	127.80	3.50	142.60	3.86
	41	68.60	1.82	83.40	2.31	98.20	2.79	105.60	3.03	120.40	3.39	127.80	3.57	142.60	3.92
	46	68.60	1.87	83.40	2.35	98.20	2.84	105.60	3.08	120.40	3.44	127.80	3.62	142.60	3.99
	50	68.60	1.90	83.40	2.39	98.20	2.88	105.60	3.12	120.40	3.49	127.80	3.68	142.60	4.05
	54	68.60	1.94	83.40	2.43	98.20	2.93	105.60	3.18	120.40	3.56	127.80	3.75	142.60	4.14
	57	68.60	1.99	83.40	2.49	98.20	2.99	105.60	3.24	120.40	3.64	127.80	3.84	142.60	4.25
	61	68.60	2.04	83.40	2.55	98.20	3.07	105.60	3.33	120.40	3.74	127.80	3.95	142.60	4.38
	64	68.60	2.11	83.40	2.62	98.20	3.16	105.60	3.43	120.40	3.86	127.80	4.08	142.60	4.54
	68	68.60	2.16	83.40	2.70	98.20	3.26	105.60	3.55	120.40	4.01	127.80	4.25	142.60	4.75
	72	68.60	2.23	83.40	2.80	98.20	3.40	105.60	3.70	120.40	4.20	127.80	4.46	142.60	5.01
	75	68.60	2.34	83.40	2.93	98.20	3.56	105.60	3.89	120.40	4.43	127.80	4.72	142.60	5.35
	79	68.60	2.45	83.40	3.09	98.20	3.77	105.60	4.13	120.40	4.73	127.80	5.06	142.60	5.76
	82	68.60	2.62	83.40	3.28	98.20	4.02	105.60	4.43	120.40	5.10	127.80	5.46	142.60	6.23
	86	68.60	2.77	83.40	3.50	98.20	4.32	105.60	4.79	120.40	5.52	127.80	5.91	142.60	6.74
	90	68.60	2.95	83.40	3.74	98.20	4.67	105.60	5.20	120.40	5.98	127.80	6.40	142.60	7.25
	93	68.60	3.12	83.40	4.03	98.20	5.07	105.60	5.63	120.40	6.47	127.80	6.89	142.60	7.78
	95	68.60	3.24	83.40	4.21	98.20	5.28	105.60	5.87	120.40	6.71	127.80	7.15	142.60	8.07
	99	68.60	3.53	83.40	4.58	98.20	5.74	105.60	6.35	120.40	7.24	127.80	7.69	141.70	8.61
	102	68.60	3.87	83.40	5.00	98.20	6.23	105.60	6.87	120.40	7.79	127.80	8.27	139.90	9.01
	106	68.60	4.25	83.40	5.47	98.20	6.75	105.60	7.40	120.30	8.36	125.90	8.66	129.10	8.40
	111	68.60	4.97	83.40	6.25	98.20	7.58	105.10	8.16	109.30	8.02	110.20	7.84	112.50	7.49
	115	68.60	5.48	83.40	6.80	94.90	7.74	96.00	7.77	97.90	7.38	99.00	7.20	101.40	6.88
	118	68.60	6.02	81.20	7.11	83.60	7.12	84.30	7.07	86.50	6.73	87.70	6.57	90.30	6.27
	120	68.60	6.32	76.00	6.87	77.60	6.77	78.50	6.72	80.80	6.40	82.10	6.25	84.80	5.97
	122	64.50	6.07	71.40	6.60	72.90	6.50	73.80	6.45	76.00	6.14	77.20	6.00	79.70	5.73
100	5	62.40	1.18	75.80	1.58	89.30	1.96	96.00	2.20	109.40	2.54	116.20	2.78	129.60	3.17
	10	62.40	1.24	75.80	1.65	89.30	2.03	96.00	2.27	109.40	2.61	116.20	2.84	129.60	3.22
	14	62.40	1.30	75.80	1.72	89.30	2.10	96.00	2.34	109.40	2.68	116.20	2.90	129.60	3.27
	23	62.40	1.37	75.80	1.79	89.30	2.18	96.00	2.41	109.40	2.75	116.20	2.96	129.60	3.32
	27	62.40	1.44	75.80	1.86	89.30	2.26	96.00	2.48	109.40	2.82	116.20	3.02	129.60	3.37
	32	62.40	1.52	75.80	1.94	89.30	2.34	96.00	2.56	109.40	2.89	116.20	3.08	129.60	3.42
	37	62.40	1.60	75.80	2.02	89.30	2.42	96.00	2.64	109.40	2.96	116.20	3.14	129.60	3.47
	41	62.40	1.68	75.80	2.10	89.30	2.51	96.00	2.72	109.40	3.04	116.20	3.20	129.60	3.52
	46	62.40	1.73	75.80	2.14	89.30	2.56	96.00	2.76	109.40	3.09	116.20	3.25	129.60	3.57
	50	62.40	1.75	75.80	2.17	89.30	2.59	96.00	2.80	109.40	3.12	116.20	3.29	129.60	3.62
	54	62.40	1.78	75.80	2.20	89.30	2.63	96.00	2.84	109.40	3.18	116.20	3.35	129.60	3.69
	57	62.40	1.80	75.80	2.24	89.30	2.68	96.00	2.90	109.40	3.24	116.20	3.42	129.60	3.78
	61	62.40	1.84	75.80	2.28	89.30	2.74	96.00	2.97	109.40	3.33	116.20	3.51	129.60	3.88
	64	62.40	1.88	75.80	2.34	89.30	2.81	96.00	3.05	109.40	3.43	116.20	3.62	129.60	4.02
	68	62.40	1.92	75.80	2.39	89.30	2.89	96.00	3.15	109.40	3.55	116.20	3.76	129.60	4.19
	72	62.40	1.96	75.80	2.47	89.30	3.01	96.00	3.28	109.40	3.71	116.20	3.93	129.60	4.40
	75	62.40	2.05	75.80	2.59	89.30	3.15	96.00	3.44	109.40	3.91	116.20	4.15	129.60	4.67
	79	62.40	2.17	75.80	2.74	89.30	3.33	96.00	3.64	109.40	4.16	116.20	4.43	129.60	5.02
	82	62.40	2.31	75.80	2.91	89.30	3.55	96.00	3.90	109.40	4.49	116.20	4.80	129.60	5.45
	86	62.40	2.47	75.80	3.10	89.30	3.83	96.00	4.24	109.40	4.87	116.20	5.21	129.60	5.91
	90	62.40	2.61	75.80	3.31	89.30	4.14	96.00	4.61	109.40	5.29	116.20	5.64	129.60	6.41
	93	62.40	2.75	75.80	3.56	89.30	4.49	96.00	5.00	109.40	5.74	116.20	6.12	129.60	6.86
	95	62.40	2.84	75.80	3.70	89.30	4.68	96.00	5.21	109.40	5.99	116.20	6.35	129.60	7.09
	99	62.40	3.06	75.80	4.03	89.30	5.13	96.00	5.71	109.40	6.44	116.20	6.81	129.60	7.57
	102	62.40	3.36	75.80	4.43	89.30	5.59	96.00	6.17	109.40	6.91	116.20	7.29	129.60	8.10
	106	62.40	3.73	75.80	4.89	89.30	6.04	96.00	6.62	109.40	7.40	116.20	7.81	127.10	8.39
	111	62.40	4.42	75.80	5.57	89.30	6.74	96.00	7.35	106.60	7.82	108.00	7.76	110.50	7.48
	115	62.40	4.87	75.80	6.02	89.30	7.22	93.40	7.57	95.50	7.26	96.80	7.12	99.50	6.87
	118	62.40	5.29	75.80	6.47	80.70	6.84	81.70	6.88	84.20	6.61	85.50	6.49	88.40	6.26
	120	62.40	5.51	72.40	6.37	74.80	6.49	75.80	6.53	78.50	6.28	79.90	6.17	82.90	5.96
	122	58.70	5.29	68.10	6.12	70.30	6.23	71.30	6.27	73.80	6.03	75.10	5.92	77.90	5.72

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/VRC096L4M

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	1.06	68.30	1.42	80.40	1.75	86.40	1.97	98.50	2.27	104.50	2.48	116.60	2.82
	10	56.20	1.12	68.30	1.48	80.40	1.81	86.40	2.03	98.50	2.33	104.50	2.53	116.60	2.86
	14	56.20	1.18	68.30	1.54	80.40	1.88	86.40	2.09	98.50	2.39	104.50	2.58	116.60	2.90
	23	56.20	1.24	68.30	1.60	80.40	1.95	86.40	2.15	98.50	2.45	104.50	2.63	116.60	2.94
	27	56.20	1.31	68.30	1.67	80.40	2.02	86.40	2.22	98.50	2.51	104.50	2.68	116.60	2.98
	32	56.20	1.38	68.30	1.74	80.40	2.09	86.40	2.29	98.50	2.57	104.50	2.73	116.60	3.03
	37	56.20	1.45	68.30	1.81	80.40	2.17	86.40	2.36	98.50	2.64	104.50	2.79	116.60	3.08
	41	56.20	1.53	68.30	1.89	80.40	2.25	86.40	2.43	98.50	2.71	104.50	2.85	116.60	3.13
	46	56.20	1.57	68.30	1.93	80.40	2.29	86.40	2.47	98.50	2.75	104.50	2.89	116.60	3.17
	50	56.20	1.60	68.30	1.96	80.40	2.32	86.40	2.51	98.50	2.79	104.50	2.93	116.60	3.21
	54	56.20	1.62	68.30	1.99	80.40	2.36	86.40	2.54	98.50	2.83	104.50	2.97	116.60	3.26
	57	56.20	1.65	68.30	2.02	80.40	2.40	86.40	2.59	98.50	2.88	104.50	3.03	116.60	3.33
	61	56.20	1.68	68.30	2.07	80.40	2.45	86.40	2.65	98.50	2.95	104.50	3.11	116.60	3.42
	64	56.20	1.72	68.30	2.11	80.40	2.52	86.40	2.72	98.50	3.04	104.50	3.20	116.60	3.53
	68	56.20	1.75	68.30	2.16	80.40	2.59	86.40	2.81	98.50	3.14	104.50	3.32	116.60	3.67
	72	56.20	1.79	68.30	2.23	80.40	2.69	86.40	2.92	98.50	3.28	104.50	3.47	116.60	3.85
	75	56.20	1.87	68.30	2.33	80.40	2.81	86.40	3.05	98.50	3.44	104.50	3.65	116.60	4.07
	79	56.20	1.96	68.30	2.45	80.40	2.96	86.40	3.22	98.50	3.65	104.50	3.87	116.60	4.33
	82	56.20	2.08	68.30	2.59	80.40	3.14	86.40	3.43	98.50	3.90	104.50	4.14	116.60	4.65
	86	56.20	2.19	68.30	2.75	80.40	3.36	86.40	3.69	98.50	4.21	104.50	4.47	116.60	5.03
	90	56.20	2.32	68.30	2.93	80.40	3.62	86.40	3.99	98.50	4.55	104.50	4.83	116.60	5.43
	93	56.20	2.45	68.30	3.15	80.40	3.92	86.40	4.32	98.50	4.92	104.50	5.23	116.60	5.86
	95	56.20	2.54	68.30	3.28	80.40	4.08	86.40	4.50	98.50	5.12	104.50	5.44	116.60	6.07
	99	56.20	2.75	68.30	3.57	80.40	4.45	86.40	4.92	98.50	5.55	104.50	5.86	116.60	6.50
80	102	56.20	3.04	68.30	3.93	80.40	4.86	86.40	5.33	98.50	5.97	104.50	6.30	116.60	6.96
	106	56.20	3.39	68.30	4.31	80.40	5.27	86.40	5.77	98.50	6.44	104.50	6.78	116.60	7.49
	111	56.20	3.94	68.30	4.94	80.40	5.97	86.40	6.50	98.30	7.18	103.20	7.42	108.60	7.46
	115	56.20	4.36	68.30	5.38	80.20	6.46	85.90	6.98	91.80	7.06	93.60	6.99	97.50	6.86
	118	56.20	4.77	67.50	5.79	74.40	6.38	76.70	6.55	80.40	6.41	82.40	6.35	86.40	6.25
	120	56.20	5.01	64.00	5.69	68.60	6.04	70.80	6.20	74.70	6.08	76.70	6.03	80.90	5.94
	122	52.80	4.81	60.20	5.46	64.50	5.80	66.60	5.95	70.20	5.84	72.10	5.79	76.00	5.70
	5	49.90	0.92	60.70	1.21	71.40	1.50	76.80	1.67	87.60	1.92	92.90	2.10	103.70	2.39
	10	49.90	0.97	60.70	1.27	71.40	1.56	76.80	1.73	87.60	1.98	92.90	2.15	103.70	2.44
	14	49.90	1.03	60.70	1.33	71.40	1.62	76.80	1.79	87.60	2.04	92.90	2.20	103.70	2.49
	23	49.90	1.09	60.70	1.39	71.40	1.69	76.80	1.86	87.60	2.10	92.90	2.26	103.70	2.54
	27	49.90	1.15	60.70	1.46	71.40	1.76	76.80	1.93	87.60	2.17	92.90	2.32	103.70	2.59
	32	49.90	1.22	60.70	1.53	71.40	1.83	76.80	2.00	87.60	2.24	92.90	2.38	103.70	2.64
	37	49.90	1.29	60.70	1.60	71.40	1.91	76.80	2.07	87.60	2.31	92.90	2.44	103.70	2.69
	41	49.90	1.37	60.70	1.68	71.40	1.99	76.80	2.15	87.60	2.38	92.90	2.50	103.70	2.74
	46	49.90	1.41	60.70	1.72	71.40	2.03	76.80	2.18	87.60	2.42	92.90	2.54	103.70	2.78
	50	49.90	1.44	60.70	1.75	71.40	2.06	76.80	2.21	87.60	2.45	92.90	2.57	103.70	2.81
	54	49.90	1.47	60.70	1.78	71.40	2.09	76.80	2.24	87.60	2.49	92.90	2.61	103.70	2.85
	57	49.90	1.49	60.70	1.81	71.40	2.12	76.80	2.28	87.60	2.53	92.90	2.65	103.70	2.90
	61	49.90	1.53	60.70	1.85	71.40	2.17	76.80	2.33	87.60	2.59	92.90	2.72	103.70	2.98
	64	49.90	1.56	60.70	1.89	71.40	2.22	76.80	2.39	87.60	2.66	92.90	2.79	103.70	3.07
	68	49.90	1.58	60.70	1.93	71.40	2.28	76.80	2.46	87.60	2.75	92.90	2.89	103.70	3.18
	72	49.90	1.62	60.70	1.99	71.40	2.37	76.80	2.56	87.60	2.86	92.90	3.02	103.70	3.33
	75	49.90	1.67	60.70	2.06	71.40	2.47	76.80	2.67	87.60	3.00	92.90	3.17	103.70	3.51
	79	49.90	1.74	60.70	2.16	71.40	2.59	76.80	2.81	87.60	3.17	92.90	3.36	103.70	3.73
	82	49.90	1.82	60.70	2.27	71.40	2.74	76.80	2.98	87.60	3.37	92.90	3.57	103.70	3.97
	86	49.90	1.91	60.70	2.40	71.40	2.91	76.80	3.18	87.60	3.60	92.90	3.81	103.70	4.25
	90	49.90	2.02	60.70	2.55	71.40	3.12	76.80	3.41	87.60	3.87	92.90	4.10	103.70	4.58
	93	49.90	2.14	60.70	2.74	71.40	3.36	76.80	3.67	87.60	4.17	92.90	4.42	103.70	4.93
	95	49.90	2.23	60.70	2.85	71.40	3.49	76.80	3.82	87.60	4.33	92.90	4.59	103.70	5.12
	99	49.90	2.44	60.70	3.11	71.40	3.80	76.80	4.16	87.60	4.69	92.90	4.96	103.70	5.50
	102	49.90	2.71	60.70	3.42	71.40	4.15	76.80	4.53	87.60	5.08	92.90	5.35	103.70	5.91
	106	49.90	2.98	60.70	3.73	71.40	4.52	76.80	4.92	87.60	5.50	92.90	5.78	103.70	6.35
	111	49.90	3.45	60.70	4.31	71.40	5.19	76.80	5.64	87.60	6.24	92.90	6.54	103.70	7.14
	115	49.90	3.84	60.70	4.74	71.40	5.70	76.80	6.19	86.30	6.64	89.90	6.76	95.60	6.84
	118	49.90	4.28	59.40	5.14	67.70	5.87	71.60	6.22	76.70	6.21	79.20	6.22	84.50	6.24
	120	48.00	4.36	55.30	4.99	62.40	5.59	65.80	5.87	71.00	5.89	73.60	5.90	79.00	5.93
	122	45.10	4.19	52.00	4.79	58.70	5.37	61.90	5.64	66.70	5.65	69.20	5.66	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/VRC096L4M

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	0.82	53.10	1.07	62.50	1.31	67.20	1.46	76.60	1.68	81.30	1.82	90.70	2.06
	10	43.70	0.87	53.10	1.12	62.50	1.36	67.20	1.51	76.60	1.73	81.30	1.87	90.70	2.10
	14	43.70	0.92	53.10	1.17	62.50	1.42	67.20	1.56	76.60	1.78	81.30	1.92	90.70	2.14
	23	43.70	0.97	53.10	1.23	62.50	1.48	67.20	1.62	76.60	1.83	81.30	1.97	90.70	2.18
	27	43.70	1.03	53.10	1.29	62.50	1.54	67.20	1.68	76.60	1.89	81.30	2.02	90.70	2.22
	32	43.70	1.09	53.10	1.35	62.50	1.60	67.20	1.74	76.60	1.95	81.30	2.07	90.70	2.27
	37	43.70	1.15	53.10	1.41	62.50	1.67	67.20	1.80	76.60	2.01	81.30	2.12	90.70	2.32
	41	43.70	1.22	53.10	1.48	62.50	1.74	67.20	1.87	76.60	2.07	81.30	2.17	90.70	2.37
	46	43.70	1.25	53.10	1.51	62.50	1.77	67.20	1.91	76.60	2.10	81.30	2.20	90.70	2.40
	50	43.70	1.27	53.10	1.54	62.50	1.80	67.20	1.93	76.60	2.13	81.30	2.23	90.70	2.43
	54	43.70	1.30	53.10	1.56	62.50	1.83	67.20	1.96	76.60	2.16	81.30	2.26	90.70	2.46
	57	43.70	1.32	53.10	1.59	62.50	1.86	67.20	1.99	76.60	2.19	81.30	2.29	90.70	2.50
	61	43.70	1.35	53.10	1.62	62.50	1.89	67.20	2.03	76.60	2.24	81.30	2.34	90.70	2.55
	64	43.70	1.38	53.10	1.66	62.50	1.94	67.20	2.08	76.60	2.30	81.30	2.41	90.70	2.63
	68	43.70	1.40	53.10	1.69	62.50	1.99	67.20	2.14	76.60	2.37	81.30	2.49	90.70	2.72
	72	43.70	1.43	53.10	1.74	62.50	2.05	67.20	2.21	76.60	2.46	81.30	2.59	90.70	2.84
	75	43.70	1.46	53.10	1.79	62.50	2.13	67.20	2.30	76.60	2.57	81.30	2.71	90.70	2.99
	79	43.70	1.50	53.10	1.86	62.50	2.23	67.20	2.41	76.60	2.71	81.30	2.87	90.70	3.18
	82	43.70	1.56	53.10	1.95	62.50	2.35	67.20	2.55	76.60	2.87	81.30	3.04	90.70	3.37
	86	43.70	1.62	53.10	2.05	62.50	2.48	67.20	2.70	76.60	3.05	81.30	3.22	90.70	3.57
	90	43.70	1.72	53.10	2.17	62.50	2.64	67.20	2.87	76.60	3.25	81.30	3.45	90.70	3.84
	93	43.70	1.81	53.10	2.31	62.50	2.82	67.20	3.08	76.60	3.49	81.30	3.70	90.70	4.13
	95	43.70	1.89	53.10	2.41	62.50	2.93	67.20	3.20	76.60	3.63	81.30	3.85	90.70	4.29
	99	43.70	2.07	53.10	2.62	62.50	3.19	67.20	3.48	76.60	3.93	81.30	4.16	90.70	4.62
	102	43.70	2.31	53.10	2.89	62.50	3.49	67.20	3.79	76.60	4.26	81.30	4.50	90.70	4.98
	106	43.70	2.52	53.10	3.16	62.50	3.81	67.20	4.15	76.60	4.64	81.30	4.88	90.70	5.37
	111	43.70	2.91	53.10	3.65	62.50	4.41	67.20	4.79	76.60	5.29	81.30	5.53	90.70	6.03
	115	43.70	3.28	53.10	4.08	62.50	4.88	67.20	5.29	76.60	5.79	81.10	6.02	89.70	6.45
	118	43.70	3.76	52.10	4.55	60.80	5.36	65.20	5.76	71.50	5.92	74.50	5.99	80.40	6.10
	120	40.60	3.91	48.30	4.58	56.20	5.26	60.20	5.61	66.00	5.68	68.90	5.72	74.80	5.80
	122	38.20	3.75	45.40	4.40	52.80	5.05	56.60	5.39	62.00	5.45	64.80	5.49	70.30	5.57
60	5	37.40	0.69	45.50	0.90	53.60	1.09	57.60	1.22	65.70	1.32	69.70	1.39	77.80	1.50
	10	37.40	0.73	45.50	0.95	53.60	1.14	57.60	1.27	65.70	1.38	69.70	1.45	77.80	1.56
	14	37.40	0.78	45.50	1.00	53.60	1.19	57.60	1.32	65.70	1.44	69.70	1.51	77.80	1.63
	23	37.40	0.83	45.50	1.05	53.60	1.25	57.60	1.37	65.70	1.50	69.70	1.57	77.80	1.70
	27	37.40	0.88	45.50	1.10	53.60	1.31	57.60	1.43	65.70	1.56	69.70	1.64	77.80	1.77
	32	37.40	0.94	45.50	1.16	53.60	1.37	57.60	1.49	65.70	1.63	69.70	1.71	77.80	1.84
	37	37.40	1.00	45.50	1.22	53.60	1.43	57.60	1.55	65.70	1.70	69.70	1.78	77.80	1.92
	41	37.40	1.06	45.50	1.28	53.60	1.50	57.60	1.61	65.70	1.77	69.70	1.85	77.80	2.00
	46	37.40	1.09	45.50	1.31	53.60	1.53	57.60	1.64	65.70	1.80	69.70	1.88	77.80	2.03
	50	37.40	1.10	45.50	1.33	53.60	1.55	57.60	1.66	65.70	1.82	69.70	1.90	77.80	2.06
	54	37.40	1.12	45.50	1.35	53.60	1.57	57.60	1.69	65.70	1.84	69.70	1.92	77.80	2.08
	57	37.40	1.14	45.50	1.37	53.60	1.60	57.60	1.71	65.70	1.87	69.70	1.95	77.80	2.11
	61	37.40	1.16	45.50	1.39	53.60	1.62	57.60	1.74	65.70	1.91	69.70	1.99	77.80	2.16
	64	37.40	1.18	45.50	1.42	53.60	1.66	57.60	1.78	65.70	1.95	69.70	2.04	77.80	2.21
	68	37.40	1.21	45.50	1.45	53.60	1.70	57.60	1.82	65.70	2.01	69.70	2.10	77.80	2.29
	72	37.40	1.23	45.50	1.48	53.60	1.75	57.60	1.88	65.70	2.08	69.70	2.18	77.80	2.38
	75	37.40	1.25	45.50	1.53	53.60	1.81	57.60	1.95	65.70	2.17	69.70	2.28	77.80	2.50
	79	37.40	1.27	45.50	1.57	53.60	1.88	57.60	2.04	65.70	2.27	69.70	2.40	77.80	2.64
	82	37.40	1.31	45.50	1.64	53.60	1.97	57.60	2.14	65.70	2.40	69.70	2.53	77.80	2.80
	86	37.40	1.36	45.50	1.71	53.60	2.07	57.60	2.25	65.70	2.53	69.70	2.68	77.80	2.97
	90	37.40	1.43	45.50	1.80	53.60	2.18	57.60	2.38	65.70	2.69	69.70	2.85	77.80	3.17
	93	37.40	1.50	45.50	1.91	53.60	2.32	57.60	2.53	65.70	2.88	69.70	3.05	77.80	3.40
	95	37.40	1.56	45.50	1.98	53.60	2.41	57.60	2.63	65.70	2.99	69.70	3.17	77.80	3.54
	99	37.40	1.68	45.50	2.15	53.60	2.62	57.60	2.86	65.70	3.25	69.70	3.44	77.80	3.83
	102	37.40	1.87	45.50	2.37	53.60	2.87	57.60	3.13	65.70	3.53	69.70	3.74	77.80	4.15
	106	37.40	2.07	45.50	2.61	53.60	3.16	57.60	3.45	65.70	3.87	69.70	4.08	77.80	4.50
	111	37.40	2.40	45.50	3.03	53.60	3.67	57.60	4.00	65.70	4.43	69.70	4.64	77.80	5.06
	115	37.40	2.69	45.50	3.38	53.60	4.07	57.60	4.42	65.70	4.85	69.70	5.06	77.80	5.47
	118	37.40	3.14	45.30	3.86	53.40	4.58	57.60	4.94	64.10	5.30	67.30	5.45	74.00	5.73
	120	35.40	3.43	42.70	4.13	50.20	4.82	54.10	5.17	59.80	5.34	62.60	5.41	68.50	5.55
	122	33.30	3.29	40.10	3.96	47.20	4.63	50.90	4.96	56.20	5.13	58.80	5.19	64.40	5.33

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/VRC096L4M

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	0.76	44.60	0.92	48.00	1.02	54.70	1.10	58.10	1.14	64.80	1.23
	10	31.20	0.63	37.90	0.80	44.60	0.96	48.00	1.06	54.70	1.15	58.10	1.19	64.80	1.28
	14	31.20	0.67	37.90	0.84	44.60	1.00	48.00	1.10	54.70	1.20	58.10	1.24	64.80	1.33
	23	31.20	0.71	37.90	0.88	44.60	1.05	48.00	1.15	54.70	1.25	58.10	1.29	64.80	1.39
	27	31.20	0.75	37.90	0.93	44.60	1.10	48.00	1.20	54.70	1.30	58.10	1.34	64.80	1.45
	32	31.20	0.80	37.90	0.98	44.60	1.15	48.00	1.25	54.70	1.35	58.10	1.40	64.80	1.51
	37	31.20	0.85	37.90	1.03	44.60	1.20	48.00	1.30	54.70	1.41	58.10	1.46	64.80	1.57
	41	31.20	0.90	37.90	1.08	44.60	1.26	48.00	1.35	54.70	1.47	58.10	1.52	64.80	1.64
	46	31.20	0.93	37.90	1.11	44.60	1.29	48.00	1.38	54.70	1.49	58.10	1.55	64.80	1.66
	50	31.20	0.94	37.90	1.12	44.60	1.30	48.00	1.39	54.70	1.51	58.10	1.57	64.80	1.69
	54	31.20	0.95	37.90	1.13	44.60	1.32	48.00	1.41	54.70	1.53	58.10	1.59	64.80	1.71
	57	31.20	0.95	37.90	1.15	44.60	1.34	48.00	1.43	54.70	1.55	58.10	1.62	64.80	1.74
	61	31.20	0.97	37.90	1.16	44.60	1.36	48.00	1.46	54.70	1.58	58.10	1.64	64.80	1.77
	64	31.20	0.99	37.90	1.19	44.60	1.39	48.00	1.49	54.70	1.61	58.10	1.68	64.80	1.81
	68	31.20	1.01	37.90	1.22	44.60	1.42	48.00	1.52	54.70	1.66	58.10	1.73	64.80	1.87
	72	31.20	1.03	37.90	1.24	44.60	1.45	48.00	1.56	54.70	1.71	58.10	1.78	64.80	1.94
	75	31.20	1.04	37.90	1.27	44.60	1.49	48.00	1.61	54.70	1.77	58.10	1.85	64.80	2.02
	79	31.20	1.06	37.90	1.30	44.60	1.55	48.00	1.68	54.70	1.86	58.10	1.95	64.80	2.13
	82	31.20	1.07	37.90	1.34	44.60	1.61	48.00	1.75	54.70	1.95	58.10	2.05	64.80	2.26
	86	31.20	1.10	37.90	1.39	44.60	1.68	48.00	1.83	54.70	2.05	58.10	2.16	64.80	2.39
	90	31.20	1.16	37.90	1.46	44.60	1.76	48.00	1.92	54.70	2.16	58.10	2.29	64.80	2.54
	93	31.20	1.21	37.90	1.53	44.60	1.86	48.00	2.02	54.70	2.30	58.10	2.44	64.80	2.72
	95	31.20	1.24	37.90	1.58	44.60	1.92	48.00	2.08	54.70	2.38	58.10	2.53	64.80	2.82
	99	31.20	1.35	37.90	1.71	44.60	2.08	48.00	2.28	54.70	2.59	58.10	2.75	64.80	3.08
	102	31.20	1.46	37.90	1.88	44.60	2.30	48.00	2.51	54.70	2.84	58.10	3.01	64.80	3.35
	106	31.20	1.66	37.90	2.09	44.60	2.54	48.00	2.77	54.70	3.13	58.10	3.31	64.80	3.66
	111	31.20	1.94	37.90	2.46	44.60	3.00	48.00	3.28	54.70	3.63	58.10	3.81	64.80	4.17
	115	31.20	2.17	37.90	2.74	44.60	3.32	48.00	3.62	54.70	3.98	58.10	4.16	64.80	4.50
	118	31.20	2.47	37.90	3.11	44.60	3.73	48.00	4.04	54.70	4.38	58.10	4.54	64.80	4.85
	120	31.20	2.77	37.90	3.39	44.60	4.00	48.00	4.30	52.90	4.62	55.80	4.77	62.10	5.05
	122	31.20	2.96	37.90	3.63	44.60	4.28	48.00	4.60	52.90	4.94	53.00	4.67	59.00	4.95

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/VRC096L4M

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	119.50	20.11	115.20	20.94	113.10	21.45	111.00	21.95	110.00	22.12	109.00	22.29
	-17.8	-18.0	126.00	20.44	121.70	21.28	119.60	21.78	117.50	22.29	116.50	22.45	115.40	22.62
	-12.6	-13.0	135.70	20.94	131.40	21.78	129.30	22.29	127.20	22.79	126.20	22.96	125.20	23.12
	-7.1	-7.6	145.40	21.45	141.20	22.29	139.00	22.79	136.90	23.29	134.70	23.46	130.30	23.24
	-3.6	-4.0	151.90	21.78	147.60	22.62	145.50	23.12	139.80	23.46	135.40	23.08	130.30	21.47
	-1.8	-2.2	155.20	21.95	150.90	22.79	148.80	23.29	140.10	23.46	135.40	22.18	130.30	20.63
	2.0	1.0	161.60	22.29	157.40	23.12	150.70	23.46	140.40	22.04	135.40	20.49	130.30	19.06
	6.0	5.0	171.40	22.79	161.40	23.46	151.10	21.61	140.40	19.57	135.40	18.20	130.30	16.93
	10.0	9.0	177.80	23.12	161.70	21.92	151.10	19.97	140.40	18.09	135.40	16.82	130.30	15.65
	13.0	12.0	181.10	23.29	161.70	21.07	151.10	19.20	140.40	17.39	135.40	16.18	130.30	15.05
	17.0	15.0	183.10	22.21	161.70	18.73	151.10	17.07	140.40	15.48	135.40	14.40	130.30	13.41
	19.0	18.0	183.10	21.35	161.70	18.01	151.10	16.42	140.40	14.89	135.40	13.86	130.30	12.91
	23.0	21.0	183.10	19.74	161.70	16.67	151.10	15.21	140.40	13.80	135.40	12.86	130.30	11.98
	26.0	24.0	183.10	18.26	161.70	15.44	151.10	14.10	140.40	12.81	135.40	11.94	130.30	11.13
	30.0	28.0	183.10	16.91	161.70	14.32	151.10	13.09	140.40	11.91	135.40	11.10	130.30	10.36
	35.0	32.0	183.10	15.10	161.70	12.83	151.10	11.75	140.40	10.71	135.40	10.00	130.30	9.33
	39.0	36.0	183.10	14.03	161.70	11.95	151.10	10.96	140.40	10.01	135.40	9.35	130.30	8.74
	44.0	40.0	183.10	13.05	161.70	11.16	151.10	10.25	140.40	9.37	135.40	8.77	130.30	8.20
	47.0	43.0	183.10	12.60	161.70	10.79	151.10	9.92	140.40	9.08	135.40	8.50	130.30	7.95
	51.0	47.0	183.10	11.78	161.70	10.12	151.10	9.32	140.40	8.55	135.40	8.02	130.30	7.50
	54.0	50.0	183.10	11.03	161.70	9.52	151.10	8.79	140.40	8.08	135.40	7.58	130.30	7.11
	57.0	53.0	183.10	10.06	161.70	8.74	151.10	8.10	140.40	7.47	135.40	7.02	130.30	6.59
	60.0	56.0	183.10	9.49	161.70	8.29	151.10	7.69	140.40	7.11	135.40	6.70	130.30	6.29
120	-21.8	-22.0	116.70	19.99	112.80	21.42	110.80	21.95	108.80	22.29	107.90	21.73	107.00	21.18
	-17.8	-18.0	123.20	20.33	119.20	21.75	117.30	22.29	115.30	22.62	114.40	22.06	113.40	21.51
	-12.6	-13.0	132.90	20.83	129.00	22.25	127.00	22.79	125.00	23.12	124.10	22.57	120.30	22.02
	-7.1	-7.6	142.60	21.33	138.70	22.76	136.70	23.29	129.60	22.58	124.90	21.00	120.30	19.55
	-3.6	-4.0	149.10	21.67	145.20	23.09	139.50	23.09	129.60	20.86	124.90	19.40	120.30	18.06
	-1.8	-2.2	152.30	21.84	148.40	23.26	139.50	22.19	129.60	20.05	124.90	18.65	120.30	17.36
	2.0	1.0	158.80	22.17	149.30	22.52	139.50	20.50	129.60	18.52	124.90	17.23	120.30	16.03
	6.0	5.0	168.50	22.67	149.30	19.99	139.50	18.20	129.60	16.45	124.90	15.31	120.30	14.25
	10.0	9.0	169.00	21.95	149.30	18.47	139.50	16.83	129.60	15.21	124.90	14.15	120.30	13.18
	13.0	12.0	169.00	21.10	149.30	17.76	139.50	16.18	129.60	14.63	124.90	13.61	120.30	12.68
	17.0	15.0	169.00	18.75	149.30	15.79	139.50	14.40	129.60	13.04	124.90	12.13	120.30	11.31
	19.0	18.0	169.00	18.03	149.30	15.20	139.50	13.86	129.60	12.55	124.90	11.69	120.30	10.89
	23.0	21.0	169.00	16.68	149.30	14.07	139.50	12.85	129.60	11.64	124.90	10.85	120.30	10.11
	26.0	24.0	169.00	15.44	149.30	13.05	139.50	11.92	129.60	10.82	124.90	10.08	120.30	9.41
	30.0	28.0	169.00	14.31	149.30	12.12	139.50	11.09	129.60	10.07	124.90	9.39	120.30	8.77
	35.0	32.0	169.00	12.81	149.30	10.88	139.50	9.97	129.60	9.08	124.90	8.48	120.30	7.92
	39.0	36.0	169.00	11.92	149.30	10.15	139.50	9.32	129.60	8.50	124.90	7.94	120.30	7.43
	44.0	40.0	169.00	11.11	149.30	9.49	139.50	8.73	129.60	7.98	124.90	7.46	120.30	6.98
	47.0	43.0	169.00	10.74	149.30	9.19	139.50	8.46	129.60	7.74	124.90	7.24	120.30	6.78
	51.0	47.0	169.00	10.06	149.30	8.64	139.50	7.97	129.60	7.31	124.90	6.84	120.30	6.41
	54.0	50.0	169.00	9.45	149.30	8.15	139.50	7.53	129.60	6.92	124.90	6.49	120.30	6.09
	57.0	53.0	169.00	8.65	149.30	7.51	139.50	6.97	129.60	6.42	124.90	6.03	120.30	5.67
	60.0	56.0	169.00	8.19	149.30	7.14	139.50	6.64	129.60	6.14	124.90	5.76	120.30	5.42
110	-21.8	-22.0	113.90	20.34	110.30	20.62	108.50	21.69	106.70	21.54	105.80	21.00	105.00	20.44
	-17.8	-18.0	120.40	20.68	116.80	20.96	114.90	22.02	113.10	21.88	112.30	21.33	110.30	20.77
	-12.6	-13.0	130.10	21.18	126.50	21.46	124.70	22.53	118.80	21.35	114.50	19.87	110.30	18.46
	-7.1	-7.6	139.80	21.68	136.20	21.96	127.80	20.97	118.80	18.96	114.50	17.64	110.30	16.39
	-3.6	-4.0	146.30	22.02	136.90	21.27	127.80	19.37	118.80	17.52	114.50	16.29	110.30	15.14
	-1.8	-2.2	149.50	22.19	136.90	20.44	127.80	18.62	118.80	16.83	114.50	15.66	110.30	14.55
	2.0	1.0	154.90	22.52	136.90	18.88	127.80	17.20	118.80	15.55	114.50	14.47	110.30	13.44
	6.0	5.0	154.90	20.00	136.90	16.77	127.80	15.28	118.80	13.82	114.50	12.86	110.30	11.95
	10.0	9.0	154.90	18.47	136.90	15.50	127.80	14.13	118.80	12.79	114.50	11.90	110.30	11.06
	13.0	12.0	154.90	17.76	136.90	14.91	127.80	13.59	118.80	12.30	114.50	11.45	110.30	10.65
	17.0	15.0	154.90	15.79	136.90	13.27	127.80	12.11	118.80	10.97	114.50	10.22	110.30	9.51
	19.0	18.0	154.90	15.19	136.90	12.77	127.80	11.66	118.80	10.57	114.50	9.85	110.30	9.16
	23.0	21.0	154.90	14.06	136.90	11.84	127.80	10.82	118.80	9.82	114.50	9.15	110.30	8.52
	26.0	24.0	154.90	13.03	136.90	11.00	127.80	10.05	118.80	9.13	114.50	8.52	110.30	7.93
	30.0	28.0	154.90	12.09	136.90	10.23	127.80	9.36	118.80	8.51	114.50	7.94	110.30	7.40
	35.0	32.0	154.90	10.85	136.90	9.21	127.80	8.44	118.80	7.69	114.50	7.19	110.30	6.71
	39.0	36.0	154.90	10.11	136.90	8.61	127.80	7.91	118.80	7.22	114.50	6.75	110.30	6.30
	44.0	40.0	154.90	9.45	136.90	8.07	127.80	7.42	118.80	6.79	114.50	6.35	110.30	5.94
	47.0	43.0	154.90	9.14	136.90	7.82	127.80	7.20	118.80	6.59	114.50	6.17	110.30	5.77
	51.0	47.0	154.90	8.58	136.90	7.37	127.80	6.80	118.80	6.24	114.50	5.84	110.30	5.47
	54.0	50.0	154.90	8.09	136.90	6.97	127.80	6.44	118.80	5.92	114.50	5.55	110.30	5.21
	57.0	53.0	154.90	7.43	136.90	6.45	127.80	5.98	118.80	5.51	114.50	5.18	110.30	4.86
	60.0	56.0	154.90	7.06	136.90	6.15	127.80	5.72	118.80	5.28	114.50	4.96	110.30	4.66

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/VRC096L4M

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
100	-21.8	-22.0	111.10	19.51	107.80	19.84	106.10	19.84	104.50	19.86	102.60	19.23	100.20	18.72
	-17.8	-18.0	117.50	19.84	114.30	20.18	112.60	20.18	108.00	20.04	104.10	18.66	100.20	17.32
	-12.6	-13.0	127.30	20.35	124.00	20.68	116.20	19.72	108.00	17.80	104.10	16.57	100.20	15.38
	-7.1	-7.6	137.00	20.85	124.40	19.26	116.20	17.51	108.00	15.80	104.10	14.71	100.20	13.65
	-3.6	-4.0	140.80	21.19	124.40	17.79	116.20	16.17	108.00	14.60	104.10	13.59	100.20	12.61
	-1.8	-2.2	140.80	20.36	124.40	17.10	116.20	15.54	108.00	14.03	104.10	13.06	100.20	12.13
	2.0	1.0	140.80	18.81	124.40	15.80	116.20	14.36	108.00	12.97	104.10	12.07	100.20	11.21
	6.0	5.0	140.80	16.70	124.40	14.04	116.20	12.76	108.00	11.53	104.10	10.74	100.20	9.97
	10.0	9.0	140.80	15.44	124.40	12.98	116.20	11.81	108.00	10.67	104.10	9.94	100.20	9.24
	13.0	12.0	140.80	14.84	124.40	12.49	116.20	11.36	108.00	10.27	104.10	9.57	100.20	8.89
	17.0	15.0	140.80	13.21	124.40	11.13	116.20	10.14	108.00	9.18	104.10	8.55	100.20	7.95
	19.0	18.0	140.80	12.71	124.40	10.72	116.20	9.77	108.00	8.84	104.10	8.24	100.20	7.67
	23.0	21.0	140.80	11.78	124.40	9.95	116.20	9.07	108.00	8.22	104.10	7.67	100.20	7.14
	26.0	24.0	140.80	10.93	124.40	9.25	116.20	8.44	108.00	7.66	104.10	7.15	100.20	6.66
	30.0	28.0	140.80	10.16	124.40	8.61	116.20	7.88	108.00	7.16	104.10	6.68	100.20	6.22
	35.0	32.0	140.80	9.14	124.40	7.78	116.20	7.12	108.00	6.49	104.10	6.06	100.20	5.65
	39.0	36.0	140.80	8.54	124.40	7.28	116.20	6.68	108.00	6.10	104.10	5.70	100.20	5.32
	44.0	40.0	140.80	8.00	124.40	6.84	116.20	6.29	108.00	5.75	104.10	5.38	100.20	5.03
	47.0	43.0	140.80	7.75	124.40	6.64	116.20	6.11	108.00	5.59	104.10	5.23	100.20	4.89
	51.0	47.0	140.80	7.30	124.40	6.28	116.20	5.79	108.00	5.30	104.10	4.97	100.20	4.65
90	54.0	50.0	140.80	6.90	124.40	5.95	116.20	5.50	108.00	5.05	104.10	4.73	100.20	4.43
	57.0	53.0	140.80	6.37	124.40	5.53	116.20	5.12	108.00	4.72	104.10	4.43	100.20	4.15
	60.0	56.0	140.80	6.07	124.40	5.29	116.20	4.91	108.00	4.53	104.10	4.25	100.20	3.99
	-21.8	-22.0	108.30	20.10	105.30	19.45	102.80	19.42	97.20	18.45	93.70	17.19	90.20	15.96
	-17.8	-18.0	114.70	20.44	111.80	19.78	104.60	18.84	97.20	17.06	93.70	15.88	90.20	14.75
	-12.6	-13.0	124.50	20.94	112.00	18.43	104.60	16.73	97.20	15.15	93.70	14.10	90.20	13.09
	-7.1	-7.6	126.80	19.50	112.00	16.36	104.60	14.85	97.20	13.45	93.70	12.52	90.20	11.62
	-3.6	-4.0	126.80	18.02	112.00	15.12	104.60	13.72	97.20	12.42	93.70	11.57	90.20	10.74
	-1.8	-2.2	126.80	17.31	112.00	14.53	104.60	13.19	97.20	11.94	93.70	11.12	90.20	10.33
	2.0	1.0	126.80	16.00	112.00	13.43	104.60	12.19	97.20	11.04	93.70	10.28	90.20	9.55
	6.0	5.0	126.80	14.21	112.00	11.94	104.60	10.84	97.20	9.83	93.70	9.15	90.20	8.50
	10.0	9.0	126.80	13.14	112.00	11.05	104.60	10.04	97.20	9.10	93.70	8.48	90.20	7.88
	13.0	12.0	126.80	12.64	112.00	10.63	104.60	9.66	97.20	8.76	93.70	8.17	90.20	7.59
	17.0	15.0	126.80	11.26	112.00	9.49	104.60	8.63	97.20	7.84	93.70	7.31	90.20	6.80
	19.0	18.0	126.80	10.85	112.00	9.14	104.60	8.32	97.20	7.56	93.70	7.05	90.20	6.56
	23.0	21.0	126.80	10.07	112.00	8.50	104.60	7.74	97.20	7.04	93.70	6.57	90.20	6.12
	26.0	24.0	126.80	9.36	112.00	7.92	104.60	7.22	97.20	6.57	93.70	6.13	90.20	5.71
	30.0	28.0	126.80	8.71	112.00	7.39	104.60	6.74	97.20	6.15	93.70	5.74	90.20	5.35
	35.0	32.0	126.80	7.86	112.00	6.69	104.60	6.12	97.20	5.59	93.70	5.22	90.20	4.88
80	39.0	36.0	126.80	7.36	112.00	6.28	104.60	5.76	97.20	5.26	93.70	4.92	90.20	4.60
	44.0	40.0	126.80	6.92	112.00	5.92	104.60	5.43	97.20	4.97	93.70	4.65	90.20	4.35
	47.0	43.0	126.80	6.71	112.00	5.75	104.60	5.28	97.20	4.84	93.70	4.53	90.20	4.24
	51.0	47.0	126.80	6.34	112.00	5.45	104.60	5.01	97.20	4.60	93.70	4.31	90.20	4.04
	54.0	50.0	126.80	6.01	112.00	5.18	104.60	4.78	97.20	4.39	93.70	4.12	90.20	3.86
	57.0	53.0	126.80	5.58	112.00	4.84	104.60	4.47	97.20	4.12	93.70	3.87	90.20	3.63
	60.0	56.0	126.80	5.33	112.00	4.64	104.60	4.29	97.20	3.96	93.70	3.72	90.20	3.50
	-21.8	-22.0	105.40	19.46	99.50	18.84	93.00	17.10	86.40	15.50	83.30	14.44	80.20	13.40
	-17.8	-18.0	111.90	19.79	99.50	17.43	93.00	15.80	86.40	14.32	83.30	13.34	80.20	12.37
	-12.6	-13.0	112.70	18.44	99.50	15.47	93.00	14.03	86.40	12.71	83.30	11.85	80.20	10.99
	-7.1	-7.6	112.70	16.37	99.50	13.74	93.00	12.46	86.40	11.29	83.30	10.52	80.20	9.76
	-3.6	-4.0	112.70	15.13	99.50	12.69	93.00	11.51	86.40	10.43	83.30	9.72	80.20	9.02
	-1.8	-2.2	112.70	14.54	99.50	12.20	93.00	11.07	86.40	10.03	83.30	9.35	80.20	8.67
	2.0	1.0	112.70	13.43	99.50	11.28	93.00	10.23	86.40	9.28	83.30	8.65	80.20	8.02
	6.0	5.0	112.70	11.94	99.50	10.03	93.00	9.11	86.40	8.26	83.30	7.70	80.20	7.15
	10.0	9.0	112.70	11.05	99.50	9.29	93.00	8.44	86.40	7.66	83.30	7.14	80.20	6.63
	13.0	12.0	112.70	10.63	99.50	8.95	93.00	8.13	86.40	7.38	83.30	6.88	80.20	6.39
	17.0	15.0	112.70	9.49	99.50	8.00	93.00	7.28	86.40	6.61	83.30	6.17	80.20	5.74
	19.0	18.0	112.70	9.14	99.50	7.71	93.00	7.02	86.40	6.38	83.30	5.96	80.20	5.54
	23.0	21.0	112.70	8.50	99.50	7.18	93.00	6.54	86.40	5.95	83.30	5.56	80.20	5.17
80	26.0	24.0	112.70	7.91	99.50	6.70	93.00	6.11	86.40	5.56	83.30	5.20	80.20	4.84
	30.0	28.0	112.70	7.38	99.50	6.26	93.00	5.72	86.40	5.21	83.30	4.87	80.20	4.54
	35.0	32.0	112.70	6.68	99.50	5.69	93.00	5.21	86.40	4.75	83.30	4.45	80.20	4.15
	39.0	36.0	112.70	6.27	99.50	5.36	93.00	4.91	86.40	4.49	83.30	4.20	80.20	3.92
	44.0	40.0	112.70	5.91	99.50	5.06	93.00	4.64	86.40	4.25	83.30	3.98	80.20	3.72
	47.0	43.0	112.70	5.74	99.50	4.92	93.00	4.52	86.40	4.14	83.30	3.88	80.20	3.63
	51.0	47.0	112.70	5.44	99.50	4.68	93.00	4.30	86.40	3.95	83.30	3.70	80.20	3.47
	54.0	50.0	112.70	5.17	99.50	4.46	93.00	4.11	86.40	3.78	83.30	3.54	80.20	3.32
	57.0	53.0	112.70	4.82	99.50	4.18	93.00	3.86	86.40	3.55	83.30	3.34	80.20	3.13
	60.0	56.0	112.70	4.63	99.50	4.02	93.00	3.72	86.40	3.43	83.30	3.22	80.20	3.03

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/VRC096L4M

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	98.60	18.53	87.10	15.54	81.40	14.14	75.60	12.76	72.90	11.88	70.20	11.09
	-17.8	-18.0	98.60	17.14	87.10	14.35	81.40	13.06	75.60	11.79	72.90	10.98	70.20	10.24
	-12.6	-13.0	98.60	15.22	87.10	12.74	81.40	11.59	75.60	10.47	72.90	9.75	70.20	9.09
	-7.1	-7.6	98.60	13.51	87.10	11.32	81.40	10.30	75.60	9.30	72.90	8.66	70.20	8.08
	-3.6	-4.0	98.60	12.48	87.10	10.46	81.40	9.52	75.60	8.59	72.90	8.00	70.20	7.47
	-1.8	-2.2	98.60	12.00	87.10	10.05	81.40	9.15	75.60	8.26	72.90	7.70	70.20	7.18
	2.0	1.0	98.60	11.09	87.10	9.30	81.40	8.47	75.60	7.65	72.90	7.13	70.20	6.65
	6.0	5.0	98.60	9.87	87.10	8.28	81.40	7.55	75.60	6.82	72.90	6.36	70.20	5.93
	10.0	9.0	98.60	9.14	87.10	7.68	81.40	7.00	75.60	6.33	72.90	5.90	70.20	5.51
	13.0	12.0	98.60	8.80	87.10	7.40	81.40	6.74	75.60	6.10	72.90	5.69	70.20	5.31
	17.0	15.0	98.60	7.87	87.10	6.63	81.40	6.05	75.60	5.48	72.90	5.11	70.20	4.77
	19.0	18.0	98.60	7.59	87.10	6.40	81.40	5.84	75.60	5.29	72.90	4.94	70.20	4.61
	23.0	21.0	98.60	7.07	87.10	5.96	81.40	5.45	75.60	4.95	72.90	4.62	70.20	4.31
	26.0	24.0	98.60	6.59	87.10	5.58	81.40	5.10	75.60	4.63	72.90	4.33	70.20	4.04
	30.0	28.0	98.60	6.17	87.10	5.23	81.40	4.79	75.60	4.35	72.90	4.07	70.20	3.80
	35.0	32.0	98.60	5.60	87.10	4.77	81.40	4.37	75.60	3.98	72.90	3.72	70.20	3.48
	39.0	36.0	98.60	5.28	87.10	4.50	81.40	4.13	75.60	3.77	72.90	3.53	70.20	3.30
	44.0	40.0	98.60	4.98	87.10	4.26	81.40	3.92	75.60	3.58	72.90	3.35	70.20	3.13
	47.0	43.0	98.60	4.85	87.10	4.15	81.40	3.82	75.60	3.49	72.90	3.27	70.20	3.06
	51.0	47.0	98.60	4.61	87.10	3.96	81.40	3.65	75.60	3.34	72.90	3.13	70.20	2.93
	54.0	50.0	98.60	4.40	87.10	3.78	81.40	3.49	75.60	3.20	72.90	3.00	70.20	2.81
	57.0	53.0	98.60	4.12	87.10	3.56	81.40	3.29	75.60	3.02	72.90	2.84	70.20	2.66
	60.0	56.0	98.60	3.97	87.10	3.44	81.40	3.18	75.60	2.92	72.90	2.75	70.20	2.57
60	-21.8	-22.0	84.50	14.93	74.70	12.54	69.70	11.41	64.80	10.33	62.50	9.63	60.10	8.96
	-17.8	-18.0	84.50	13.79	74.70	11.59	69.70	10.54	64.80	9.55	62.50	8.89	60.10	8.27
	-12.6	-13.0	84.50	12.24	74.70	10.29	69.70	9.36	64.80	8.48	62.50	7.90	60.10	7.35
	-7.1	-7.6	84.50	10.87	74.70	9.14	69.70	8.31	64.80	7.53	62.50	7.02	60.10	6.53
	-3.6	-4.0	84.50	10.05	74.70	8.45	69.70	7.69	64.80	6.97	62.50	6.49	60.10	6.04
	-1.8	-2.2	84.50	9.66	74.70	8.12	69.70	7.39	64.80	6.70	62.50	6.24	60.10	5.81
	2.0	1.0	84.50	8.94	74.70	7.52	69.70	6.84	64.80	6.20	62.50	5.78	60.10	5.38
	6.0	5.0	84.50	7.96	74.70	6.70	69.70	6.11	64.80	5.54	62.50	5.17	60.10	4.81
	10.0	9.0	84.50	7.38	74.70	6.22	69.70	5.67	64.80	5.15	62.50	4.80	60.10	4.47
	13.0	12.0	84.50	7.11	74.70	6.00	69.70	5.47	64.80	4.97	62.50	4.63	60.10	4.31
	17.0	15.0	84.50	6.38	74.70	5.39	69.70	4.92	64.80	4.47	62.50	4.17	60.10	3.89
	19.0	18.0	84.50	6.16	74.70	5.20	69.70	4.75	64.80	4.32	62.50	4.03	60.10	3.76
	23.0	21.0	84.50	5.74	74.70	4.86	69.70	4.44	64.80	4.04	62.50	3.78	60.10	3.52
	26.0	24.0	84.50	5.37	74.70	4.55	69.70	4.17	64.80	3.79	62.50	3.55	60.10	3.30
	30.0	28.0	84.50	5.04	74.70	4.27	69.70	3.92	64.80	3.57	62.50	3.34	60.10	3.11
	35.0	32.0	84.50	4.60	74.70	3.91	69.70	3.59	64.80	3.28	62.50	3.07	60.10	2.86
	39.0	36.0	84.50	4.34	74.70	3.70	69.70	3.40	64.80	3.11	62.50	2.91	60.10	2.72
	44.0	40.0	84.50	4.11	74.70	3.52	69.70	3.24	64.80	2.96	62.50	2.77	60.10	2.59
	47.0	43.0	84.50	4.01	74.70	3.43	69.70	3.16	64.80	2.89	62.50	2.71	60.10	2.53
	51.0	47.0	84.50	3.83	74.70	3.28	69.70	3.02	64.80	2.77	62.50	2.60	60.10	2.43
	54.0	50.0	84.50	3.66	74.70	3.14	69.70	2.91	64.80	2.66	62.50	2.50	60.10	2.33
	57.0	53.0	84.50	3.45	74.70	2.97	69.70	2.75	64.80	2.52	62.50	2.37	60.10	2.22
	60.0	56.0	84.50	3.33	74.70	2.87	69.70	2.66	64.80	2.45	62.50	2.30	60.10	2.15
50	-21.8	-22.0	70.40	11.70	62.20	9.84	58.10	8.93	54.00	8.10	52.10	7.56	50.10	7.04
	-17.8	-18.0	70.40	10.81	62.20	9.09	58.10	8.25	54.00	7.49	52.10	6.98	50.10	6.51
	-12.6	-13.0	70.40	9.60	62.20	8.07	58.10	7.33	54.00	6.65	52.10	6.20	50.10	5.78
	-7.1	-7.6	70.40	8.52	62.20	7.17	58.10	6.51	54.00	5.91	52.10	5.51	50.10	5.14
	-3.6	-4.0	70.40	7.88	62.20	6.63	58.10	6.02	54.00	5.47	52.10	5.10	50.10	4.76
	-1.8	-2.2	70.40	7.58	62.20	6.38	58.10	5.80	54.00	5.26	52.10	4.91	50.10	4.58
	2.0	1.0	70.40	7.02	62.20	5.91	58.10	5.37	54.00	4.88	52.10	4.55	50.10	4.24
	6.0	5.0	70.40	6.26	62.20	5.28	58.10	4.80	54.00	4.37	52.10	4.07	50.10	3.80
	10.0	9.0	70.40	5.81	62.20	4.91	58.10	4.46	54.00	4.06	52.10	3.79	50.10	3.54
	13.0	12.0	70.40	5.61	62.20	4.73	58.10	4.31	54.00	3.92	52.10	3.66	50.10	3.41
	17.0	15.0	70.40	5.04	62.20	4.26	58.10	3.88	54.00	3.54	52.10	3.30	50.10	3.08
	19.0	18.0	70.40	4.87	62.20	4.12	58.10	3.76	54.00	3.42	52.10	3.19	50.10	2.98
	23.0	21.0	70.40	4.55	62.20	3.86	58.10	3.52	54.00	3.21	52.10	3.00	50.10	2.80
	26.0	24.0	70.40	4.27	62.20	3.62	58.10	3.31	54.00	3.02	52.10	2.82	50.10	2.63
	30.0	28.0	70.40	4.01	62.20	3.41	58.10	3.12	54.00	2.85	52.10	2.66	50.10	2.49
	35.0	32.0	70.40	3.68	62.20	3.14	58.10	2.87	54.00	2.62	52.10	2.45	50.10	2.29
	39.0	36.0	70.40	3.48	62.20	2.98	58.10	2.73	54.00	2.50	52.10	2.33	50.10	2.18
	44.0	40.0	70.40	3.31	62.20	2.83	58.10	2.60	54.00	2.38	52.10	2.23	50.10	2.08
	47.0	43.0	70.40	3.23	62.20	2.77	58.10	2.54	54.00	2.33	52.10	2.18	50.10	2.04
	51.0	47.0	70.40	3.09	62.20	2.66	58.10	2.44	54.00	2.24	52.10	2.09	50.10	1.96
	54.0	50.0	70.40	2.97	62.20	2.55	58.10	2.35	54.00	2.16	52.10	2.02	50.10	1.89
	57.0	53.0	70.40	2.81	62.20	2.42	58.10	2.23	54.00	2.05	52.10	1.92	50.10	1.80
	60.0	56.0	70.40	2.72	62.20	2.35	58.10	2.16	54.00	1.99	52.10	1.87	50.10	1.75

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/VRC120L4M

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	2.03	123.20	2.81	145.10	3.58	156.00	4.04	177.80	4.69	202.42	5.12	215.82	5.52
	10	101.40	2.14	123.20	2.93	145.10	3.71	156.00	4.17	177.80	4.81	200.42	5.22	213.68	5.60
	14	101.40	2.25	123.20	3.05	145.10	3.84	156.00	4.30	177.80	4.93	198.43	5.33	211.57	5.69
	23	101.40	2.37	123.20	3.18	145.10	3.98	156.00	4.43	177.80	5.06	196.47	5.44	209.47	5.78
	27	101.40	2.49	123.20	3.31	145.10	4.12	156.00	4.57	177.80	5.19	194.52	5.55	207.40	5.87
	32	101.40	2.62	123.20	3.45	145.10	4.27	156.00	4.71	177.80	5.32	192.59	5.66	205.35	5.96
	37	101.40	2.76	123.20	3.59	145.10	4.43	156.00	4.86	177.80	5.46	190.69	5.78	203.31	6.05
	41	101.40	2.90	123.20	3.74	145.10	4.59	156.00	5.01	177.80	5.60	188.80	5.90	201.30	6.14
	46	101.40	2.96	123.20	3.81	145.10	4.67	156.00	5.09	177.80	5.71	188.80	6.02	199.50	6.21
	50	101.40	3.03	123.20	3.88	145.10	4.75	156.00	5.18	177.80	5.82	187.90	6.10	198.30	6.29
	54	101.40	3.12	123.20	3.99	145.10	4.85	156.00	5.29	177.80	5.94	186.70	6.19	197.10	6.42
	57	101.40	3.24	123.20	4.10	145.10	4.97	156.00	5.42	177.80	6.11	185.50	6.33	195.90	6.57
	61	101.40	3.34	123.20	4.23	145.10	5.13	156.00	5.59	177.80	6.31	184.30	6.48	194.70	6.75
	64	101.40	3.50	123.20	4.39	145.10	5.31	156.00	5.78	177.80	6.54	183.10	6.67	193.50	6.99
	68	101.40	3.64	123.20	4.56	145.10	5.51	156.00	6.01	176.70	6.77	181.90	6.92	192.30	7.33
	72	101.40	3.80	123.20	4.76	145.10	5.75	156.00	6.28	175.50	7.06	180.70	7.26	191.10	7.73
	75	101.40	3.99	123.20	4.95	145.10	6.05	156.00	6.64	174.30	7.45	179.50	7.67	189.90	8.23
	79	101.40	4.13	123.20	5.24	145.10	6.41	156.00	7.08	173.10	7.87	178.30	8.15	188.70	8.83
	82	101.40	4.42	123.20	5.53	145.10	6.85	156.00	7.56	171.90	8.42	177.10	8.74	187.50	9.44
	86	101.40	4.63	123.20	5.91	145.10	7.32	156.00	8.15	170.70	9.02	175.90	9.33	186.30	10.14
	90	101.40	4.98	123.20	6.32	145.10	7.96	156.00	8.84	169.50	9.61	174.70	9.97	185.10	10.94
	93	101.40	5.32	123.20	6.89	145.10	8.62	156.00	9.50	168.30	10.28	173.50	10.74	183.90	11.73
	95	101.40	5.52	123.20	7.20	145.10	8.93	156.00	9.83	167.70	10.67	172.90	11.13	183.30	11.99
	99	101.40	6.12	123.20	7.82	145.10	9.59	156.00	10.64	166.50	11.47	171.70	11.94	182.10	12.21
	102	101.40	6.71	123.20	8.41	145.10	10.45	154.90	11.45	165.30	12.29	170.50	12.41	180.00	12.39
	106	101.40	7.28	123.20	9.18	145.10	11.37	153.70	12.29	163.80	12.68	164.40	12.28	166.20	11.56
	111	101.40	8.34	123.20	10.53	140.10	12.43	141.20	12.14	142.40	11.34	143.30	10.98	145.40	10.31
	115	101.40	9.20	122.40	11.61	126.30	11.52	126.60	11.19	128.20	10.44	129.30	10.11	131.60	9.48
	118	101.40	10.24	111.20	11.25	111.50	10.55	112.00	10.24	114.00	9.55	115.20	9.24	117.80	8.64
	120	100.70	10.92	103.50	10.73	104.10	10.07	104.70	9.76	106.90	9.11	108.20	8.81	110.90	8.23
	122	94.70	10.48	97.30	10.30	97.90	9.67	98.40	9.37	100.50	8.75	101.70	8.46	104.20	7.90
120	5	93.60	1.89	113.80	2.59	133.90	3.28	144.00	3.71	164.20	4.30	174.20	4.68	208.42	5.34
	10	93.60	1.99	113.80	2.70	133.90	3.40	144.00	3.82	164.20	4.41	174.20	4.78	206.36	5.42
	14	93.60	2.09	113.80	2.81	133.90	3.52	144.00	3.94	164.20	4.52	174.20	4.88	204.32	5.50
	23	93.60	2.20	113.80	2.93	133.90	3.65	144.00	4.06	164.20	4.64	174.20	4.98	202.29	5.58
	27	93.60	2.32	113.80	3.05	133.90	3.78	144.00	4.19	164.20	4.76	174.20	5.08	200.29	5.67
	32	93.60	2.44	113.80	3.18	133.90	3.92	144.00	4.32	164.20	4.88	174.20	5.18	198.31	5.76
	37	93.60	2.57	113.80	3.31	133.90	4.06	144.00	4.45	164.20	5.00	174.20	5.29	196.34	5.85
	41	93.60	2.70	113.80	3.45	133.90	4.21	144.00	4.59	164.20	5.13	174.20	5.40	194.40	5.94
	46	93.60	2.76	113.80	3.52	133.90	4.28	144.00	4.66	164.20	5.21	174.20	5.49	194.40	6.06
	50	93.60	2.82	113.80	3.58	133.90	4.34	144.00	4.73	164.20	5.30	174.20	5.59	194.20	6.17
	54	93.60	2.90	113.80	3.66	133.90	4.43	144.00	4.82	164.20	5.41	174.20	5.71	193.00	6.26
	57	93.60	2.99	113.80	3.76	133.90	4.53	144.00	4.93	164.20	5.55	174.20	5.86	191.80	6.40
	61	93.60	3.07	113.80	3.86	133.90	4.67	144.00	5.08	164.20	5.72	174.20	6.05	190.60	6.55
	64	93.60	3.19	113.80	3.99	133.90	4.82	144.00	5.24	164.20	5.91	174.20	6.26	189.40	6.76
	68	93.60	3.30	113.80	4.13	133.90	4.99	144.00	5.43	164.20	6.15	174.20	6.53	188.20	7.03
	72	93.60	3.43	113.80	4.30	133.90	5.20	144.00	5.67	164.20	6.46	174.20	6.87	187.00	7.41
	75	93.60	3.60	113.80	4.49	133.90	5.46	144.00	5.98	164.20	6.85	174.20	7.31	185.80	7.85
	79	93.60	3.75	113.80	4.74	133.90	5.79	144.00	6.36	164.20	7.32	173.10	7.77	184.60	8.40
	82	93.60	4.01	113.80	5.02	133.90	6.18	144.00	6.82	164.20	7.87	171.90	8.31	183.40	9.00
	86	93.60	4.22	113.80	5.35	133.90	6.62	144.00	7.34	164.20	8.52	170.70	8.90	182.20	9.63
	90	93.60	4.51	113.80	5.72	133.90	7.17	144.00	7.97	163.80	9.17	169.50	9.51	181.00	10.29
	93	93.60	4.80	113.80	6.20	133.90	7.78	144.00	8.61	162.60	9.78	168.30	10.16	179.80	11.03
	95	93.60	4.98	113.80	6.48	133.90	8.09	144.00	8.95	162.00	10.12	167.70	10.52	179.20	11.40
	99	93.60	5.48	113.80	7.05	133.90	8.73	144.00	9.64	160.80	10.85	166.50	11.26	178.00	12.04
	102	93.60	6.01	113.80	7.64	133.90	9.47	144.00	10.45	159.60	11.59	165.30	11.96	176.80	12.31
	106	93.60	6.56	113.80	8.34	133.90	10.28	144.00	11.30	158.40	12.25	161.70	12.16	163.70	11.54
	111	93.60	7.58	113.80	9.53	133.10	11.52	137.90	11.83	139.50	11.17	140.60	10.86	143.00	10.29
	115	93.60	8.36	113.70	10.45	122.60	11.12	123.30	10.92	125.30	10.28	126.50	9.99	129.20	9.46
	118	93.60	9.25	106.70	10.55	108.00	10.17	108.70	9.97	111.10	9.39	112.40	9.13	115.30	8.63
	120	93.60	9.80	99.40	10.09	100.60	9.68	101.40	9.49	104.00	8.95	105.40	8.69	108.40	8.21
	122	88.00	9.41	93.40	9.69	94.60	9.29	95.30	9.11	97.80	8.59	99.10	8.34	101.90	7.88

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/VRC120L4M

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	1.75	104.30	2.38	122.80	2.99	132.00	3.37	150.50	3.90	159.70	4.24	178.20	4.84
	10	85.80	1.84	104.30	2.48	122.80	3.10	132.00	3.47	150.50	4.00	159.70	4.33	178.20	4.91
	14	85.80	1.94	104.30	2.58	122.80	3.21	132.00	3.58	150.50	4.10	159.70	4.42	178.20	4.98
	23	85.80	2.04	104.30	2.69	122.80	3.33	132.00	3.69	150.50	4.20	159.70	4.51	178.20	5.06
	27	85.80	2.15	104.30	2.80	122.80	3.45	132.00	3.80	150.50	4.31	159.70	4.60	178.20	5.14
	32	85.80	2.26	104.30	2.92	122.80	3.57	132.00	3.92	150.50	4.42	159.70	4.69	178.20	5.22
	37	85.80	2.38	104.30	3.04	122.80	3.70	132.00	4.04	150.50	4.53	159.70	4.79	178.20	5.30
	41	85.80	2.50	104.30	3.17	122.80	3.83	132.00	4.16	150.50	4.65	159.70	4.89	178.20	5.38
	46	85.80	2.57	104.30	3.23	122.80	3.89	132.00	4.22	150.50	4.72	159.70	4.97	178.20	5.48
	50	85.80	2.61	104.30	3.28	122.80	3.95	132.00	4.28	150.50	4.79	159.70	5.05	178.20	5.56
	54	85.80	2.67	104.30	3.34	122.80	4.02	132.00	4.36	150.50	4.88	159.70	5.14	178.20	5.68
	57	85.80	2.73	104.30	3.41	122.80	4.10	132.00	4.45	150.50	4.99	159.70	5.27	178.20	5.83
	61	85.80	2.80	104.30	3.50	122.80	4.21	132.00	4.57	150.50	5.14	159.70	5.42	178.20	6.01
	64	85.80	2.89	104.30	3.60	122.80	4.33	132.00	4.71	150.50	5.30	159.70	5.60	178.20	6.23
	68	85.80	2.97	104.30	3.70	122.80	4.48	132.00	4.87	150.50	5.50	159.70	5.83	178.20	6.52
	72	85.80	3.06	104.30	3.85	122.80	4.66	132.00	5.08	150.50	5.76	159.70	6.12	178.20	6.87
	75	85.80	3.21	104.30	4.02	122.80	4.89	132.00	5.34	150.50	6.08	159.70	6.48	178.20	7.34
	79	85.80	3.37	104.30	4.25	122.80	5.17	132.00	5.67	150.50	6.50	159.70	6.94	177.90	7.89
	82	85.80	3.59	104.30	4.50	122.80	5.52	132.00	6.08	150.50	7.00	159.70	7.49	176.70	8.46
	86	85.80	3.80	104.30	4.80	122.80	5.93	132.00	6.57	150.50	7.58	159.70	8.11	175.50	9.07
	90	85.80	4.05	104.30	5.13	122.80	6.41	132.00	7.13	150.50	8.20	159.70	8.78	174.30	9.67
	93	85.80	4.29	104.30	5.54	122.80	6.96	132.00	7.72	150.50	8.88	159.70	9.46	173.10	10.29
	95	85.80	4.44	104.30	5.77	122.80	7.25	132.00	8.06	150.50	9.21	159.70	9.81	172.50	10.62
	99	85.80	4.84	104.30	6.28	122.80	7.88	132.00	8.71	150.50	9.93	158.80	10.48	171.30	11.31
	102	85.80	5.31	104.30	6.86	122.80	8.55	132.00	9.42	150.50	10.69	157.60	11.16	170.10	11.93
	106	85.80	5.84	104.30	7.51	122.80	9.26	132.00	10.15	150.20	11.46	156.40	11.80	161.30	11.53
	111	85.80	6.82	104.30	8.57	122.80	10.40	131.40	11.20	136.60	11.00	137.80	10.75	140.60	10.28
	115	85.80	7.52	104.30	9.33	118.70	10.63	120.00	10.66	122.40	10.12	123.70	9.88	126.70	9.44
	118	85.80	8.26	101.50	9.76	104.50	9.78	105.40	9.71	108.10	9.23	109.70	9.01	112.90	8.61
	120	85.80	8.68	95.00	9.43	97.10	9.30	98.10	9.23	101.00	8.78	102.60	8.58	106.00	8.19
	122	80.70	8.33	89.30	9.05	91.30	8.93	92.20	8.86	94.90	8.43	96.40	8.24	99.60	7.86
100	5	78.00	1.62	94.80	2.16	111.60	2.69	120.00	3.01	136.80	3.50	145.20	3.81	162.00	4.34
	10	78.00	1.70	94.80	2.25	111.60	2.79	120.00	3.10	136.80	3.59	145.20	3.89	162.00	4.41
	14	78.00	1.79	94.80	2.34	111.60	2.89	120.00	3.20	136.80	3.68	145.20	3.97	162.00	4.48
	23	78.00	1.88	94.80	2.44	111.60	2.99	120.00	3.30	136.80	3.77	145.20	4.05	162.00	4.55
	27	78.00	1.98	94.80	2.54	111.60	3.10	120.00	3.40	136.80	3.87	145.20	4.13	162.00	4.62
	32	78.00	2.08	94.80	2.65	111.60	3.21	120.00	3.51	136.80	3.97	145.20	4.21	162.00	4.69
	37	78.00	2.19	94.80	2.76	111.60	3.33	120.00	3.62	136.80	4.07	145.20	4.30	162.00	4.76
	41	78.00	2.30	94.80	2.88	111.60	3.45	120.00	3.73	136.80	4.17	145.20	4.39	162.00	4.83
	46	78.00	2.37	94.80	2.94	111.60	3.51	120.00	3.79	136.80	4.23	145.20	4.46	162.00	4.90
	50	78.00	2.41	94.80	2.98	111.60	3.55	120.00	3.84	136.80	4.29	145.20	4.51	162.00	4.97
	54	78.00	2.44	94.80	3.02	111.60	3.60	120.00	3.90	136.80	4.36	145.20	4.59	162.00	5.06
	57	78.00	2.48	94.80	3.07	111.60	3.67	120.00	3.98	136.80	4.45	145.20	4.69	162.00	5.18
	61	78.00	2.52	94.80	3.14	111.60	3.76	120.00	4.07	136.80	4.57	145.20	4.82	162.00	5.32
	64	78.00	2.58	94.80	3.21	111.60	3.85	120.00	4.19	136.80	4.70	145.20	4.97	162.00	5.51
	68	78.00	2.63	94.80	3.28	111.60	3.97	120.00	4.33	136.80	4.87	145.20	5.16	162.00	5.74
	72	78.00	2.69	94.80	3.40	111.60	4.13	120.00	4.50	136.80	5.09	145.20	5.40	162.00	6.04
	75	78.00	2.82	94.80	3.56	111.60	4.32	120.00	4.72	136.80	5.36	145.20	5.70	162.00	6.41
	79	78.00	2.98	94.80	3.76	111.60	4.57	120.00	5.00	136.80	5.71	145.20	6.08	162.00	6.89
	82	78.00	3.18	94.80	3.99	111.60	4.88	120.00	5.36	136.80	6.16	145.20	6.59	162.00	7.48
	86	78.00	3.39	94.80	4.26	111.60	5.25	120.00	5.82	136.80	6.69	145.20	7.14	162.00	8.10
	90	78.00	3.58	94.80	4.54	111.60	5.69	120.00	6.32	136.80	7.25	145.20	7.74	162.00	8.79
	93	78.00	3.77	94.80	4.89	111.60	6.17	120.00	6.86	136.80	7.88	145.20	8.40	162.00	9.41
	95	78.00	3.90	94.80	5.08	111.60	6.42	120.00	7.15	136.80	8.21	145.20	8.72	162.00	9.72
	99	78.00	4.20	94.80	5.53	111.60	7.04	120.00	7.84	136.80	8.84	145.20	9.35	162.00	10.39
	102	78.00	4.60	94.80	6.08	111.60	7.67	120.00	8.46	136.80	9.48	145.20	10.01	162.00	11.12
	106	78.00	5.12	94.80	6.71	111.60	8.29	120.00	9.09	136.80	10.16	145.20	10.72	158.90	11.51
	111	78.00	6.06	94.80	7.65	111.60	9.26	120.00	10.09	133.20	10.73	135.00	10.64	138.10	10.26
	115	78.00	6.68	94.80	8.26	111.60	9.91	116.70	10.39	119.40	9.96	121.00	9.77	124.30	9.43
	118	78.00	7.27	94.80	8.88	100.90	9.39	102.10	9.44	105.20	9.07	106.90	8.90	110.50	8.59
	120	78.00	7.56	90.50	8.74	93.50	8.91	94.80	8.96	98.10	8.62	99.90	8.47	103.60	8.18
	122	73.30	7.26	85.10	8.39	87.90	8.55	89.10	8.60	92.20	8.28	93.90	8.13	97.40	7.85

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/VRC120L4M

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	1.46	85.30	1.95	100.40	2.41	108.00	2.70	123.10	3.12	130.70	3.40	145.80	3.88
	10	70.20	1.54	85.30	2.03	100.40	2.50	108.00	2.78	123.10	3.20	130.70	3.47	145.80	3.94
	14	70.20	1.62	85.30	2.11	100.40	2.59	108.00	2.87	123.10	3.28	130.70	3.54	145.80	4.00
	23	70.20	1.71	85.30	2.20	100.40	2.68	108.00	2.96	123.10	3.36	130.70	3.61	145.80	4.06
	27	70.20	1.80	85.30	2.29	100.40	2.78	108.00	3.05	123.10	3.45	130.70	3.68	145.80	4.12
	32	70.20	1.89	85.30	2.39	100.40	2.88	108.00	3.14	123.10	3.54	130.70	3.76	145.80	4.18
	37	70.20	1.99	85.30	2.49	100.40	2.98	108.00	3.24	123.10	3.63	130.70	3.84	145.80	4.24
	41	70.20	2.09	85.30	2.59	100.40	3.09	108.00	3.34	123.10	3.72	130.70	3.92	145.80	4.30
	46	70.20	2.15	85.30	2.65	100.40	3.15	108.00	3.40	123.10	3.78	130.70	3.97	145.80	4.36
	50	70.20	2.19	85.30	2.69	100.40	3.19	108.00	3.44	123.10	3.82	130.70	4.02	145.80	4.41
	54	70.20	2.23	85.30	2.73	100.40	3.23	108.00	3.49	123.10	3.88	130.70	4.08	145.80	4.48
	57	70.20	2.26	85.30	2.78	100.40	3.29	108.00	3.55	123.10	3.96	130.70	4.16	145.80	4.57
	61	70.20	2.31	85.30	2.83	100.40	3.37	108.00	3.63	123.10	4.05	130.70	4.27	145.80	4.70
	64	70.20	2.36	85.30	2.90	100.40	3.45	108.00	3.73	123.10	4.17	130.70	4.39	145.80	4.85
	68	70.20	2.40	85.30	2.97	100.40	3.55	108.00	3.85	123.10	4.32	130.70	4.55	145.80	5.04
	72	70.20	2.46	85.30	3.06	100.40	3.69	108.00	4.00	123.10	4.50	130.70	4.76	145.80	5.28
	75	70.20	2.56	85.30	3.20	100.40	3.85	108.00	4.18	123.10	4.73	130.70	5.01	145.80	5.59
	79	70.20	2.69	85.30	3.36	100.40	4.06	108.00	4.42	123.10	5.01	130.70	5.32	145.80	5.95
	82	70.20	2.85	85.30	3.56	100.40	4.31	108.00	4.71	123.10	5.35	130.70	5.69	145.80	6.39
	86	70.20	3.01	85.30	3.78	100.40	4.62	108.00	5.06	123.10	5.77	130.70	6.14	145.80	6.90
	90	70.20	3.18	85.30	4.03	100.40	4.97	108.00	5.48	123.10	6.24	130.70	6.63	145.80	7.45
	93	70.20	3.36	85.30	4.33	100.40	5.38	108.00	5.93	123.10	6.75	130.70	7.17	145.80	8.05
	95	70.20	3.49	85.30	4.50	100.40	5.60	108.00	6.18	123.10	7.03	130.70	7.47	145.80	8.33
	99	70.20	3.78	85.30	4.90	100.40	6.11	108.00	6.75	123.10	7.61	130.70	8.05	145.80	8.92
	102	70.20	4.17	85.30	5.39	100.40	6.67	108.00	7.32	123.10	8.20	130.70	8.65	145.80	9.55
	106	70.20	4.65	85.30	5.92	100.40	7.24	108.00	7.92	123.10	8.84	130.70	9.30	145.80	10.27
	111	70.20	5.41	85.30	6.78	100.40	8.19	108.00	8.92	122.90	9.85	128.90	10.19	135.70	10.24
80	5	62.40	1.27	75.80	1.68	89.30	2.05	96.00	2.29	109.40	2.64	116.20	2.88	129.60	3.26
	10	62.40	1.34	75.80	1.76	89.30	2.14	96.00	2.37	109.40	2.72	116.20	2.95	129.60	3.33
	14	62.40	1.42	75.80	1.84	89.30	2.23	96.00	2.46	109.40	2.80	116.20	3.03	129.60	3.40
	23	62.40	1.50	75.80	1.93	89.30	2.32	96.00	2.55	109.40	2.89	116.20	3.11	129.60	3.47
	27	62.40	1.59	75.80	2.02	89.30	2.42	96.00	2.64	109.40	2.98	116.20	3.19	129.60	3.54
	32	62.40	1.68	75.80	2.11	89.30	2.52	96.00	2.74	109.40	3.07	116.20	3.27	129.60	3.61
	37	62.40	1.78	75.80	2.21	89.30	2.62	96.00	2.84	109.40	3.17	116.20	3.35	129.60	3.68
	41	62.40	1.88	75.80	2.31	89.30	2.73	96.00	2.94	109.40	3.27	116.20	3.44	129.60	3.76
	46	62.40	1.93	75.80	2.36	89.30	2.78	96.00	3.00	109.40	3.33	116.20	3.49	129.60	3.82
	50	62.40	1.97	75.80	2.40	89.30	2.82	96.00	3.04	109.40	3.36	116.20	3.53	129.60	3.86
	54	62.40	2.01	75.80	2.44	89.30	2.87	96.00	3.08	109.40	3.41	116.20	3.58	129.60	3.91
	57	62.40	2.05	75.80	2.48	89.30	2.91	96.00	3.13	109.40	3.47	116.20	3.64	129.60	3.98
	61	62.40	2.09	75.80	2.53	89.30	2.98	96.00	3.20	109.40	3.55	116.20	3.73	129.60	4.08
	64	62.40	2.14	75.80	2.59	89.30	3.05	96.00	3.28	109.40	3.65	116.20	3.83	129.60	4.21
	68	62.40	2.17	75.80	2.65	89.30	3.14	96.00	3.38	109.40	3.77	116.20	3.97	129.60	4.36
	72	62.40	2.22	75.80	2.73	89.30	3.25	96.00	3.51	109.40	3.93	116.20	4.14	129.60	4.57
	75	62.40	2.29	75.80	2.83	89.30	3.38	96.00	3.66	109.40	4.12	116.20	4.35	129.60	4.82
	79	62.40	2.39	75.80	2.96	89.30	3.56	96.00	3.86	109.40	4.36	116.20	4.61	129.60	5.12
	82	62.40	2.50	75.80	3.12	89.30	3.76	96.00	4.09	109.40	4.62	116.20	4.89	129.60	5.44
	86	62.40	2.62	75.80	3.30	89.30	4.00	96.00	4.36	109.40	4.93	116.20	5.23	129.60	5.83
	90	62.40	2.77	75.80	3.50	89.30	4.28	96.00	4.68	109.40	5.31	116.20	5.63	129.60	6.28
	93	62.40	2.93	75.80	3.76	89.30	4.61	96.00	5.04	109.40	5.72	116.20	6.07	129.60	6.77
	95	62.40	3.06	75.80	3.91	89.30	4.79	96.00	5.25	109.40	5.95	116.20	6.30	129.60	7.02
	99	62.40	3.34	75.80	4.27	89.30	5.22	96.00	5.71	109.40	6.44	116.20	6.81	129.60	7.55
	102	62.40	3.72	75.80	4.69	89.30	5.70	96.00	6.21	109.40	6.97	116.20	7.35	129.60	8.11
	106	62.40	4.09	75.80	5.12	89.30	6.20	96.00	6.76	109.40	7.54	116.20	7.93	129.60	8.71
	111	62.40	4.73	75.80	5.91	89.30	7.12	96.00	7.74	109.40	8.56	116.20	8.97	129.60	9.80
	115	62.40	5.27	75.80	6.51	89.30	7.82	96.00	8.50	107.90	9.11	112.40	9.28	119.50	9.39
	118	62.40	5.88	74.30	7.06	84.60	8.06	89.60	8.54	95.80	8.53	99.00	8.53	105.60	8.56
	120	60.00	5.98	69.20	6.85	77.90	7.67	82.30	8.06	88.70	8.08	92.00	8.09	98.70	8.14
	122	56.40	5.74	65.00	6.58	73.20	7.36	77.40	7.74	83.40	7.76	86.50	7.77	92.80	7.81

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/VRC120L4M

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	1.12	66.40	1.47	78.10	1.80	84.00	2.00	95.80	2.29	101.60	2.50	113.40	2.83
	10	54.60	1.19	66.40	1.54	78.10	1.87	84.00	2.07	95.80	2.36	101.60	2.56	113.40	2.89
	14	54.60	1.26	66.40	1.61	78.10	1.95	84.00	2.15	95.80	2.43	101.60	2.63	113.40	2.95
	23	54.60	1.33	66.40	1.69	78.10	2.03	84.00	2.23	95.80	2.51	101.60	2.70	113.40	3.01
	27	54.60	1.41	66.40	1.77	78.10	2.11	84.00	2.31	95.80	2.59	101.60	2.77	113.40	3.07
	32	54.60	1.49	66.40	1.85	78.10	2.20	84.00	2.39	95.80	2.67	101.60	2.84	113.40	3.13
	37	54.60	1.58	66.40	1.94	78.10	2.29	84.00	2.48	95.80	2.75	101.60	2.91	113.40	3.19
	41	54.60	1.67	66.40	2.03	78.10	2.39	84.00	2.57	95.80	2.84	101.60	2.98	113.40	3.25
	46	54.60	1.71	66.40	2.07	78.10	2.44	84.00	2.62	95.80	2.89	101.60	3.02	113.40	3.29
	50	54.60	1.75	66.40	2.11	78.10	2.47	84.00	2.65	95.80	2.92	101.60	3.06	113.40	3.33
	54	54.60	1.78	66.40	2.15	78.10	2.51	84.00	2.69	95.80	2.96	101.60	3.10	113.40	3.37
	57	54.60	1.81	66.40	2.18	78.10	2.55	84.00	2.73	95.80	3.01	101.60	3.15	113.40	3.42
	61	54.60	1.85	66.40	2.22	78.10	2.60	84.00	2.78	95.80	3.07	101.60	3.21	113.40	3.50
	64	54.60	1.89	66.40	2.27	78.10	2.66	84.00	2.85	95.80	3.15	101.60	3.30	113.40	3.61
	68	54.60	1.92	66.40	2.32	78.10	2.73	84.00	2.93	95.80	3.25	101.60	3.41	113.40	3.73
	72	54.60	1.96	66.40	2.38	78.10	2.82	84.00	3.03	95.80	3.38	101.60	3.55	113.40	3.90
	75	54.60	2.00	66.40	2.46	78.10	2.93	84.00	3.16	95.80	3.53	101.60	3.72	113.40	4.10
	79	54.60	2.06	66.40	2.56	78.10	3.06	84.00	3.31	95.80	3.73	101.60	3.93	113.40	4.36
	82	54.60	2.14	66.40	2.67	78.10	3.22	84.00	3.50	95.80	3.95	101.60	4.17	113.40	4.63
	86	54.60	2.23	66.40	2.81	78.10	3.40	84.00	3.70	95.80	4.18	101.60	4.42	113.40	4.91
	90	54.60	2.36	66.40	2.98	78.10	3.62	84.00	3.94	95.80	4.46	101.60	4.73	113.40	5.27
	93	54.60	2.49	66.40	3.18	78.10	3.87	84.00	4.22	95.80	4.79	101.60	5.08	113.40	5.67
	95	54.60	2.60	66.40	3.31	78.10	4.03	84.00	4.39	95.80	4.98	101.60	5.28	113.40	5.89
	99	54.60	2.83	66.40	3.60	78.10	4.38	84.00	4.77	95.80	5.39	101.60	5.71	113.40	6.34
	102	54.60	3.17	66.40	3.97	78.10	4.79	84.00	5.20	95.80	5.85	101.60	6.18	113.40	6.84
	106	54.60	3.46	66.40	4.33	78.10	5.23	84.00	5.69	95.80	6.37	101.60	6.70	113.40	7.38
	111	54.60	3.99	66.40	5.01	78.10	6.05	84.00	6.57	95.80	7.25	101.60	7.60	113.40	8.28
60	5	46.80	0.94	56.90	1.23	67.00	1.50	72.00	1.66	82.10	1.82	87.10	1.90	97.20	2.06
	10	46.80	1.00	56.90	1.29	67.00	1.57	72.00	1.73	82.10	1.90	87.10	1.98	97.20	2.15
	14	46.80	1.06	56.90	1.36	67.00	1.64	72.00	1.80	82.10	1.98	87.10	2.06	97.20	2.24
	23	46.80	1.13	56.90	1.43	67.00	1.72	72.00	1.88	82.10	2.06	87.10	2.15	97.20	2.33
	27	46.80	1.20	56.90	1.51	67.00	1.80	72.00	1.96	82.10	2.15	87.10	2.24	97.20	2.43
	32	46.80	1.28	56.90	1.59	67.00	1.88	72.00	2.04	82.10	2.24	87.10	2.33	97.20	2.53
	37	46.80	1.36	56.90	1.67	67.00	1.97	72.00	2.12	82.10	2.33	87.10	2.43	97.20	2.64
	41	46.80	1.45	56.90	1.76	67.00	2.06	72.00	2.21	82.10	2.43	87.10	2.53	97.20	2.75
	46	46.80	1.49	56.90	1.79	67.00	2.10	72.00	2.25	82.10	2.47	87.10	2.57	97.20	2.79
	50	46.80	1.52	56.90	1.82	67.00	2.13	72.00	2.28	82.10	2.50	87.10	2.60	97.20	2.82
	54	46.80	1.54	56.90	1.85	67.00	2.16	72.00	2.31	82.10	2.53	87.10	2.64	97.20	2.86
	57	46.80	1.56	56.90	1.87	67.00	2.19	72.00	2.35	82.10	2.57	87.10	2.68	97.20	2.90
	61	46.80	1.59	56.90	1.91	67.00	2.23	72.00	2.39	82.10	2.62	87.10	2.73	97.20	2.96
	64	46.80	1.62	56.90	1.95	67.00	2.28	72.00	2.44	82.10	2.68	87.10	2.80	97.20	3.04
	68	46.80	1.66	56.90	1.99	67.00	2.33	72.00	2.50	82.10	2.76	87.10	2.88	97.20	3.14
	72	46.80	1.68	56.90	2.04	67.00	2.40	72.00	2.58	82.10	2.85	87.10	2.99	97.20	3.27
	75	46.80	1.71	56.90	2.10	67.00	2.48	72.00	2.68	82.10	2.97	87.10	3.12	97.20	3.42
	79	46.80	1.75	56.90	2.16	67.00	2.58	72.00	2.79	82.10	3.12	87.10	3.29	97.20	3.62
	82	46.80	1.80	56.90	2.25	67.00	2.71	72.00	2.94	82.10	3.30	87.10	3.48	97.20	3.85
	86	46.80	1.86	56.90	2.35	67.00	2.84	72.00	3.09	82.10	3.48	87.10	3.67	97.20	4.07
	90	46.80	1.97	56.90	2.48	67.00	3.00	72.00	3.26	82.10	3.69	87.10	3.91	97.20	4.35
	93	46.80	2.06	56.90	2.62	67.00	3.19	72.00	3.47	82.10	3.95	87.10	4.19	97.20	4.67
	95	46.80	2.14	56.90	2.72	67.00	3.31	72.00	3.61	82.10	4.10	87.10	4.35	97.20	4.86
	99	46.80	2.31	56.90	2.95	67.00	3.60	72.00	3.93	82.10	4.45	87.10	4.72	97.20	5.26
	102	46.80	2.57	56.90	3.25	67.00	3.95	72.00	4.29	82.10	4.85	87.10	5.13	97.20	5.69
	106	46.80	2.84	56.90	3.58	67.00	4.34	72.00	4.73	82.10	5.31	87.10	5.60	97.20	6.18
	111	46.80	3.30	56.90	4.16	67.00	5.04	72.00	5.49	82.10	6.08	87.10	6.37	97.20	6.95
	115	46.80	3.69	56.90	4.63	67.00	5.58	72.00	6.06	82.10	6.65	87.10	6.94	97.20	7.51
	118	46.80	4.31	56.60	5.30	66.80	6.29	72.00	6.78	80.10	7.27	84.20	7.48	92.50	7.86
	120	44.20	4.71	53.30	5.66	62.80	6.62	67.60	7.09	74.70	7.32	78.30	7.43	85.60	7.62
	122	41.50	4.52	50.10	5.43	59.00	6.36	63.50	6.81	70.20	7.03	73.60	7.13	80.50	7.32

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/VRC120L4M

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)	
	DB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	39.00	0.81	47.40	1.05	55.80	1.26	60.00	1.40	68.40	1.51	72.60	1.57	81.00	1.69
	10	39.00	0.86	47.40	1.10	55.80	1.32	60.00	1.46	68.40	1.57	72.60	1.64	81.00	1.76
	14	39.00	0.91	47.40	1.16	55.80	1.38	60.00	1.52	68.40	1.64	72.60	1.71	81.00	1.83
	23	39.00	0.97	47.40	1.22	55.80	1.44	60.00	1.58	68.40	1.71	72.60	1.78	81.00	1.91
	27	39.00	1.03	47.40	1.28	55.80	1.51	60.00	1.65	68.40	1.78	72.60	1.85	81.00	1.99
	32	39.00	1.10	47.40	1.35	55.80	1.58	60.00	1.72	68.40	1.85	72.60	1.93	81.00	2.07
	37	39.00	1.17	47.40	1.42	55.80	1.65	60.00	1.79	68.40	1.93	72.60	2.01	81.00	2.16
	41	39.00	1.24	47.40	1.49	55.80	1.73	60.00	1.86	68.40	2.01	72.60	2.09	81.00	2.25
	46	39.00	1.27	47.40	1.52	55.80	1.76	60.00	1.89	68.40	2.05	72.60	2.13	81.00	2.28
	50	39.00	1.29	47.40	1.54	55.80	1.79	60.00	1.91	68.40	2.07	72.60	2.15	81.00	2.31
	54	39.00	1.30	47.40	1.55	55.80	1.81	60.00	1.94	68.40	2.10	72.60	2.18	81.00	2.35
	57	39.00	1.31	47.40	1.57	55.80	1.84	60.00	1.97	68.40	2.13	72.60	2.22	81.00	2.38
	61	39.00	1.33	47.40	1.60	55.80	1.86	60.00	2.00	68.40	2.17	72.60	2.25	81.00	2.42
	64	39.00	1.36	47.40	1.63	55.80	1.90	60.00	2.04	68.40	2.21	72.60	2.30	81.00	2.48
	68	39.00	1.39	47.40	1.67	55.80	1.95	60.00	2.09	68.40	2.27	72.60	2.37	81.00	2.56
	72	39.00	1.42	47.40	1.71	55.80	1.99	60.00	2.14	68.40	2.35	72.60	2.45	81.00	2.66
	75	39.00	1.43	47.40	1.74	55.80	2.05	60.00	2.21	68.40	2.43	72.60	2.54	81.00	2.77
	79	39.00	1.45	47.40	1.79	55.80	2.13	60.00	2.30	68.40	2.55	72.60	2.67	81.00	2.93
	82	39.00	1.47	47.40	1.84	55.80	2.21	60.00	2.40	68.40	2.68	72.60	2.81	81.00	3.10
	86	39.00	1.51	47.40	1.91	55.80	2.31	60.00	2.51	68.40	2.82	72.60	2.97	81.00	3.28
	90	39.00	1.59	47.40	2.00	55.80	2.42	60.00	2.63	68.40	2.97	72.60	3.14	81.00	3.49
	93	39.00	1.66	47.40	2.10	55.80	2.55	60.00	2.77	68.40	3.15	72.60	3.34	81.00	3.74
	95	39.00	1.70	47.40	2.17	55.80	2.63	60.00	2.86	68.40	3.26	72.60	3.47	81.00	3.87
	99	39.00	1.85	47.40	2.35	55.80	2.86	60.00	3.13	68.40	3.56	72.60	3.78	81.00	4.22
	102	39.00	2.01	47.40	2.58	55.80	3.15	60.00	3.44	68.40	3.90	72.60	4.13	81.00	4.59
	106	39.00	2.28	47.40	2.87	55.80	3.48	60.00	3.80	68.40	4.29	72.60	4.54	81.00	5.03
	111	39.00	2.66	47.40	3.38	55.80	4.12	60.00	4.50	68.40	4.99	72.60	5.23	81.00	5.72
	115	39.00	2.98	47.40	3.76	55.80	4.56	60.00	4.97	68.40	5.46	72.60	5.70	81.00	6.18
	118	39.00	3.39	47.40	4.27	55.80	5.12	60.00	5.54	68.40	6.01	72.60	6.24	81.00	6.66
	120	39.00	3.80	47.40	4.66	55.80	5.49	60.00	5.90	66.20	6.34	69.70	6.54	77.60	6.93
	122	39.00	4.07	47.40	4.99	55.80	5.87	60.00	6.31	66.20	6.78	66.20	6.41	73.70	6.79

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/VRC120L4M

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	149.40	24.24	144.10	25.59	141.40	26.05	138.70	26.72	137.50	26.95	136.20	27.18
	-17.8	-18.0	157.50	24.69	152.20	26.05	149.50	26.50	146.80	27.18	145.60	27.40	144.30	27.63
	-12.6	-13.0	169.60	25.37	164.30	26.72	161.60	27.18	159.00	27.86	157.70	28.08	156.40	28.31
	-7.1	-7.6	181.80	26.05	176.50	27.40	173.80	27.86	171.10	28.53	167.20	28.76	161.60	28.76
	-3.6	-4.0	189.90	26.50	184.60	27.86	181.90	28.31	173.90	28.76	168.00	28.76	162.50	28.76
	-1.8	-2.2	193.90	26.72	188.60	28.08	185.90	28.53	174.30	28.76	168.40	28.76	162.90	27.85
	2.0	1.0	202.00	27.18	196.70	28.53	187.20	28.76	175.10	28.76	169.20	27.65	162.90	25.72
	6.0	5.0	214.20	27.86	201.00	28.76	188.40	28.76	175.50	26.40	169.20	24.56	162.90	22.85
	10.0	9.0	222.30	28.31	201.80	28.76	188.80	26.93	175.50	24.40	169.20	22.70	162.90	21.13
	13.0	12.0	226.30	28.53	202.20	28.42	188.80	25.89	175.50	23.46	169.20	21.83	162.90	20.32
	17.0	15.0	228.00	28.76	202.20	25.26	188.80	23.03	175.50	20.88	169.20	19.44	162.90	18.10
	19.0	18.0	228.40	28.76	202.20	24.29	188.80	22.15	175.50	20.09	169.20	18.71	162.90	17.42
	23.0	21.0	228.90	26.64	202.20	22.48	188.80	20.51	175.50	18.62	169.20	17.35	162.90	16.16
	26.0	24.0	228.90	24.64	202.20	20.83	188.80	19.02	175.50	17.28	169.20	16.11	162.90	15.02
	30.0	28.0	228.90	22.82	202.20	19.32	188.80	17.66	175.50	16.07	169.20	14.99	162.90	13.98
	35.0	32.0	228.90	20.37	202.20	17.31	188.80	15.85	175.50	14.45	169.20	13.49	162.90	12.60
	39.0	36.0	228.90	18.92	202.20	16.12	188.80	14.79	175.50	13.50	169.20	12.62	162.90	11.79
	44.0	40.0	228.90	17.61	202.20	15.05	188.80	13.82	175.50	12.64	169.20	11.83	162.90	11.06
	47.0	43.0	228.90	17.00	202.20	14.55	188.80	13.38	175.50	12.25	169.20	11.47	162.90	10.73
	51.0	47.0	228.90	15.89	202.20	13.65	188.80	12.58	175.50	11.54	169.20	10.82	162.90	10.13
	54.0	50.0	228.90	14.88	202.20	12.84	188.80	11.86	175.50	10.90	169.20	10.23	162.90	9.59
	57.0	53.0	228.90	13.57	202.20	11.79	188.80	10.92	175.50	10.07	169.20	9.47	162.90	8.89
	60.0	56.0	228.90	12.80	202.20	11.18	188.80	10.38	175.50	9.60	169.20	9.04	162.90	8.49
120	-21.8	-22.0	145.90	25.14	141.00	26.27	138.50	26.72	136.00	27.18	134.90	27.63	133.70	27.86
	-17.8	-18.0	154.00	25.59	149.10	26.72	146.60	27.18	144.10	27.63	143.00	28.08	141.80	28.31
	-12.6	-13.0	166.10	26.27	161.20	27.40	158.70	27.86	156.30	28.31	155.00	28.76	149.90	28.76
	-7.1	-7.6	178.30	26.95	173.40	28.08	170.90	28.53	161.20	28.76	156.20	28.34	150.30	26.35
	-3.6	-4.0	186.40	27.40	181.50	28.53	173.50	28.76	162.00	28.14	156.20	26.18	150.30	24.34
	-1.8	-2.2	190.40	27.63	185.00	28.76	173.90	28.76	162.00	27.04	156.20	25.16	150.30	23.40
	2.0	1.0	198.50	28.08	185.80	28.76	174.30	27.62	162.00	24.98	156.20	23.25	150.30	21.62
	6.0	5.0	210.00	28.76	186.60	26.98	174.30	24.53	162.00	22.19	156.20	20.65	150.30	19.21
	10.0	9.0	210.80	28.76	186.60	24.93	174.30	22.67	162.00	20.52	156.20	19.10	150.30	17.77
	13.0	12.0	211.30	28.45	186.60	23.96	174.30	21.80	162.00	19.73	156.20	18.37	150.30	17.09
	17.0	15.0	211.30	25.28	186.60	21.31	174.30	19.40	162.00	17.58	156.20	16.38	150.30	15.24
	19.0	18.0	211.30	24.31	186.60	20.50	174.30	18.67	162.00	16.93	156.20	15.77	150.30	14.68
	23.0	21.0	211.30	22.48	186.60	18.99	174.30	17.31	162.00	15.70	156.20	14.64	150.30	13.63
	26.0	24.0	211.30	20.82	186.60	17.61	174.30	16.07	162.00	14.59	156.20	13.61	150.30	12.68
	30.0	28.0	211.30	19.30	186.60	16.35	174.30	14.94	162.00	13.58	156.20	12.68	150.30	11.82
	35.0	32.0	211.30	17.27	186.60	14.68	174.30	13.44	162.00	12.25	156.20	11.44	150.30	10.68
	39.0	36.0	211.30	16.07	186.60	13.70	174.30	12.56	162.00	11.47	156.20	10.72	150.30	10.01
	44.0	40.0	211.30	14.98	186.60	12.81	174.30	11.77	162.00	10.76	156.20	10.07	150.30	9.42
	47.0	43.0	211.30	14.48	186.60	12.40	174.30	11.40	162.00	10.44	156.20	9.77	150.30	9.14
	51.0	47.0	211.30	13.57	186.60	11.66	174.30	10.74	162.00	9.86	156.20	9.23	150.30	8.65
	54.0	50.0	211.30	12.74	186.60	10.99	174.30	10.15	162.00	9.34	156.20	8.76	150.30	8.21
	57.0	53.0	211.30	11.67	186.60	10.13	174.30	9.39	162.00	8.66	156.20	8.14	150.30	7.64
	60.0	56.0	211.30	11.05	186.60	9.63	174.30	8.94	162.00	8.28	156.20	7.78	150.30	7.31
110	-21.8	-22.0	142.40	25.82	137.80	26.72	135.60	27.40	133.30	27.86	132.30	28.08	131.20	27.56
	-17.8	-18.0	150.50	26.27	145.90	27.18	143.70	27.86	141.40	28.31	140.40	28.53	137.80	28.01
	-12.6	-13.0	162.60	26.95	158.10	27.86	155.80	28.53	148.10	28.76	143.20	26.79	137.80	24.88
	-7.1	-7.6	174.80	27.63	170.20	28.53	159.80	28.28	148.50	25.58	143.20	23.79	137.80	22.09
	-3.6	-4.0	182.90	28.08	171.10	28.70	159.80	26.12	148.50	23.63	143.20	21.97	137.80	20.41
	-1.8	-2.2	186.90	28.31	171.10	27.58	159.80	25.10	148.50	22.71	143.20	21.12	137.80	19.62
	2.0	1.0	192.80	28.76	171.10	25.48	159.80	23.19	148.50	20.98	143.20	19.51	137.80	18.13
	6.0	5.0	193.60	26.97	171.10	22.63	159.80	20.60	148.50	18.65	143.20	17.35	137.80	16.12
	10.0	9.0	193.60	24.92	171.10	20.91	159.80	19.05	148.50	17.25	143.20	16.05	137.80	14.92
	13.0	12.0	193.60	23.96	171.10	20.11	159.80	18.32	148.50	16.59	143.20	15.44	137.80	14.35
	17.0	15.0	193.60	21.30	171.10	17.90	159.80	16.33	148.50	14.80	143.20	13.78	137.80	12.82
	19.0	18.0	193.60	20.49	171.10	17.23	159.80	15.72	148.50	14.26	143.20	13.28	137.80	12.35
	23.0	21.0	193.60	18.97	171.10	15.98	159.80	14.59	148.50	13.24	143.20	12.34	137.80	11.48
	26.0	24.0	193.60	17.58	171.10	14.84	159.80	13.56	148.50	12.32	143.20	11.48	137.80	10.70
	30.0	28.0	193.60	16.32	171.10	13.80	159.80	12.62	148.50	11.48	143.20	10.71	137.80	9.98
	35.0	32.0	193.60	14.63	171.10	12.42	159.80	11.39	148.50	10.38	143.20	9.69	137.80	9.04
	39.0	36.0	193.60	13.64	171.10	11.61	159.80	10.66	148.50	9.74	143.20	9.10	137.80	8.50
	44.0	40.0	193.60	12.74	171.10	10.89	159.80	10.01	148.50	9.16	143.20	8.57	137.80	8.01
	47.0	43.0	193.60	12.33	171.10	10.55	159.80	9.71	148.50	8.89	143.20	8.32	137.80	7.78
	51.0	47.0	193.60	11.58	171.10	9.95	159.80	9.17	148.50	8.41	143.20	7.88	137.80	7.38
	54.0	50.0	193.60	10.91	171.10	9.41	159.80	8.69	148.50	7.99	143.20	7.49	137.80	7.02
	57.0	53.0	193.60	10.03	171.10	8.70	159.80	8.07	148.50	7.44	143.20	6.98	137.80	6.55
	60.0	56.0	193.60	9.52	171.10	8.30	159.80	7.71	148.50	7.12	143.20	6.69	137.80	6.29

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/VRC120L4M

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	138.80	26.33	134.70	26.75	132.70	26.76	130.60	26.78	128.20	25.96	125.30	25.27
	-17.8	-18.0	146.90	26.79	142.80	27.20	140.80	27.21	135.00	27.03	130.10	25.19	125.30	23.38
	-12.6	-13.0	159.10	27.46	155.00	27.88	145.30	26.59	135.00	24.00	130.10	22.37	125.30	20.76
	-7.1	-7.6	171.20	28.14	155.50	25.96	145.30	23.61	135.00	21.31	130.10	19.86	125.30	18.43
	-3.6	-4.0	176.00	28.59	155.50	23.98	145.30	21.81	135.00	19.69	130.10	18.35	125.30	17.03
	-1.8	-2.2	176.00	27.48	155.50	23.05	145.30	20.96	135.00	18.92	130.10	17.64	125.30	16.37
	2.0	1.0	176.00	25.39	155.50	21.30	145.30	19.37	135.00	17.49	130.10	16.30	125.30	15.13
	6.0	5.0	176.00	22.54	155.50	18.92	145.30	17.21	135.00	15.55	130.10	14.50	125.30	13.46
	10.0	9.0	176.00	20.83	155.50	17.50	145.30	15.93	135.00	14.40	130.10	13.42	125.30	12.47
	13.0	12.0	176.00	20.03	155.50	16.83	145.30	15.32	135.00	13.86	130.10	12.92	125.30	12.00
	17.0	15.0	176.00	17.83	155.50	15.00	145.30	13.67	135.00	12.38	130.10	11.55	125.30	10.73
	19.0	18.0	176.00	17.16	155.50	14.45	145.30	13.17	135.00	11.93	130.10	11.13	125.30	10.35
	23.0	21.0	176.00	15.90	155.50	13.41	145.30	12.24	135.00	11.09	130.10	10.35	125.30	9.63
	26.0	24.0	176.00	14.76	155.50	12.47	145.30	11.39	135.00	10.34	130.10	9.65	125.30	8.99
	30.0	28.0	176.00	13.72	155.50	11.61	145.30	10.62	135.00	9.65	130.10	9.02	125.30	8.40
	35.0	32.0	176.00	12.34	155.50	10.48	145.30	9.61	135.00	8.75	130.10	8.18	125.30	7.63
	39.0	36.0	176.00	11.53	155.50	9.82	145.30	9.01	135.00	8.23	130.10	7.70	125.30	7.18
	44.0	40.0	176.00	10.80	155.50	9.22	145.30	8.48	135.00	7.76	130.10	7.26	125.30	6.78
	47.0	43.0	176.00	10.46	155.50	8.95	145.30	8.24	135.00	7.54	130.10	7.06	125.30	6.60
	51.0	47.0	176.00	9.85	155.50	8.46	145.30	7.80	135.00	7.15	130.10	6.70	125.30	6.27
	54.0	50.0	176.00	9.31	155.50	8.02	145.30	7.41	135.00	6.81	130.10	6.39	125.30	5.98
	57.0	53.0	176.00	8.60	155.50	7.45	145.30	6.91	135.00	6.37	130.10	5.98	125.30	5.61
	60.0	56.0	176.00	8.20	155.50	7.13	145.30	6.62	135.00	6.11	130.10	5.74	125.30	5.39
90	-21.8	-22.0	135.30	27.12	131.60	26.21	128.50	26.22	121.50	24.89	117.10	23.18	112.80	21.49
	-17.8	-18.0	143.40	27.57	139.70	26.66	130.70	25.44	121.50	23.01	117.10	21.42	112.80	19.86
	-12.6	-13.0	155.60	28.25	140.00	24.84	130.70	22.59	121.50	20.43	117.10	19.02	112.80	17.63
	-7.1	-7.6	158.40	26.30	140.00	22.06	130.70	20.06	121.50	18.14	117.10	16.89	112.80	15.65
	-3.6	-4.0	158.40	24.30	140.00	20.38	130.70	18.53	121.50	16.76	117.10	15.60	112.80	14.46
	-1.8	-2.2	158.40	23.35	140.00	19.58	130.70	17.81	121.50	16.11	117.10	15.00	112.80	13.91
	2.0	1.0	158.40	21.57	140.00	18.10	130.70	16.46	121.50	14.89	117.10	13.87	112.80	12.86
	6.0	5.0	158.40	19.17	140.00	16.09	130.70	14.64	121.50	13.26	117.10	12.35	112.80	11.45
	10.0	9.0	158.40	17.72	140.00	14.89	130.70	13.55	121.50	12.28	117.10	11.44	112.80	10.61
	13.0	12.0	158.40	17.05	140.00	14.33	130.70	13.05	121.50	11.82	117.10	11.01	112.80	10.22
	17.0	15.0	158.40	15.19	140.00	12.79	130.70	11.66	121.50	10.58	117.10	9.86	112.80	9.16
	19.0	18.0	158.40	14.63	140.00	12.32	130.70	11.24	121.50	10.20	117.10	9.51	112.80	8.83
	23.0	21.0	158.40	13.58	140.00	11.46	130.70	10.46	121.50	9.50	117.10	8.86	112.80	8.24
	26.0	24.0	158.40	12.62	140.00	10.67	130.70	9.75	121.50	8.86	117.10	8.27	112.80	7.69
	30.0	28.0	158.40	11.75	140.00	9.96	130.70	9.11	121.50	8.29	117.10	7.74	112.80	7.21
	35.0	32.0	158.40	10.60	140.00	9.02	130.70	8.26	121.50	7.54	117.10	7.04	112.80	6.57
	39.0	36.0	158.40	9.93	140.00	8.47	130.70	7.77	121.50	7.10	117.10	6.64	112.80	6.19
	44.0	40.0	158.40	9.33	140.00	7.98	130.70	7.33	121.50	6.71	117.10	6.28	112.80	5.86
	47.0	43.0	158.40	9.05	140.00	7.75	130.70	7.13	121.50	6.53	117.10	6.11	112.80	5.71
	51.0	47.0	158.40	8.55	140.00	7.35	130.70	6.77	121.50	6.21	117.10	5.81	112.80	5.44
	54.0	50.0	158.40	8.11	140.00	6.99	130.70	6.45	121.50	5.93	117.10	5.55	112.80	5.20
	57.0	53.0	158.40	7.53	140.00	6.52	130.70	6.03	121.50	5.56	117.10	5.21	112.80	4.89
	60.0	56.0	158.40	7.19	140.00	6.25	130.70	5.80	121.50	5.35	117.10	5.02	112.80	4.71
80	-21.8	-22.0	131.80	26.27	124.40	25.38	116.20	23.08	108.00	20.93	104.10	19.47	100.20	18.04
	-17.8	-18.0	139.90	26.72	124.40	23.48	116.20	21.33	108.00	19.33	104.10	17.99	100.20	16.67
	-12.6	-13.0	140.80	24.90	124.40	20.85	116.20	18.94	108.00	17.16	104.10	15.97	100.20	14.80
	-7.1	-7.6	140.80	22.11	124.40	18.51	116.20	16.81	108.00	15.24	104.10	14.18	100.20	13.14
	-3.6	-4.0	140.80	20.42	124.40	17.10	116.20	15.54	108.00	14.08	104.10	13.10	100.20	12.15
	-1.8	-2.2	140.80	19.63	124.40	16.44	116.20	14.94	108.00	13.54	104.10	12.60	100.20	11.68
	2.0	1.0	140.80	18.14	124.40	15.20	116.20	13.81	108.00	12.52	104.10	11.65	100.20	10.81
	6.0	5.0	140.80	16.12	124.40	13.52	116.20	12.29	108.00	11.16	104.10	10.39	100.20	9.63
	10.0	9.0	140.80	14.92	124.40	12.52	116.20	11.39	108.00	10.34	104.10	9.63	100.20	8.94
	13.0	12.0	140.80	14.36	124.40	12.06	116.20	10.97	108.00	9.96	104.10	9.28	100.20	8.61
	17.0	15.0	140.80	12.81	124.40	10.78	116.20	9.82	108.00	8.93	104.10	8.32	100.20	7.73
	19.0	18.0	140.80	12.35	124.40	10.39	116.20	9.47	108.00	8.62	104.10	8.03	100.20	7.46
	23.0	21.0	140.80	11.47	124.40	9.68	116.20	8.83	108.00	8.03	104.10	7.49	100.20	6.97
	26.0	24.0	140.80	10.68	124.40	9.03	116.20	8.24	108.00	7.51	104.10	7.01	100.20	6.52
	30.0	28.0	140.80	9.97	124.40	8.44	116.20	7.72	108.00	7.04	104.10	6.57	100.20	6.12
	35.0	32.0	140.80	9.02	124.40	7.67	116.20	7.03	108.00	6.42	104.10	6.00	100.20	5.59
	39.0	36.0	140.80	8.47	124.40	7.22	116.20	6.62	108.00	6.06	104.10	5.66	100.20	5.29
	44.0	40.0	140.80	7.98	124.40	6.81	116.20	6.26	108.00	5.74	104.10	5.37	100.20	5.01
	47.0	43.0	140.80	7.75	124.40	6.63	116.20	6.10	108.00	5.59	104.10	5.23	100.20	4.89
	51.0	47.0	140.80	7.34	124.40	6.30	116.20	5.81	108.00	5.33	104.10	4.99	100.20	4.67
	54.0	50.0	140.80	6.98	124.40	6.01	116.20	5.55	108.00	5.10	104.10	4.78	100.20	4.47
	57.0	53.0	140.80	6.51	124.40	5.63	116.20	5.21	108.00	4.80	104.10	4.50	100.20	4.22
	60.0	56.0	140.80	6.25	124.40	5.42	116.20	5.02	108.00	4.63	104.10	4.34	100.20	4.08

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/VRC120L4M

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	123.20	24.99	108.90	20.96	101.70	19.06	94.50	17.22	91.10	16.03	87.70	14.96
	-17.8	-18.0	123.20	23.11	108.90	19.37	101.70	17.61	94.50	15.91	91.10	14.81	87.70	13.82
	-12.6	-13.0	123.20	20.52	108.90	17.20	101.70	15.63	94.50	14.13	91.10	13.14	87.70	12.27
	-7.1	-7.6	123.20	18.22	108.90	15.27	101.70	13.88	94.50	12.55	91.10	11.68	87.70	10.90
	-3.6	-4.0	123.20	16.83	108.90	14.11	101.70	12.83	94.50	11.60	91.10	10.79	87.70	10.08
	-1.8	-2.2	123.20	16.18	108.90	13.57	101.70	12.34	94.50	11.15	91.10	10.38	87.70	9.69
	2.0	1.0	123.20	14.96	108.90	12.55	101.70	11.41	94.50	10.32	91.10	9.61	87.70	8.97
	6.0	5.0	123.20	13.31	108.90	11.18	101.70	10.17	94.50	9.21	91.10	8.57	87.70	8.01
	10.0	9.0	123.20	12.33	108.90	10.36	101.70	9.44	94.50	8.54	91.10	7.96	87.70	7.43
	13.0	12.0	123.20	11.87	108.90	9.98	101.70	9.09	94.50	8.24	91.10	7.67	87.70	7.17
	17.0	15.0	123.20	10.61	108.90	8.94	101.70	8.16	94.50	7.40	91.10	6.90	87.70	6.44
	19.0	18.0	123.20	10.23	108.90	8.63	101.70	7.87	94.50	7.14	91.10	6.66	87.70	6.22
	23.0	21.0	123.20	9.53	108.90	8.05	101.70	7.35	94.50	6.67	91.10	6.23	87.70	5.82
	26.0	24.0	123.20	8.89	108.90	7.52	101.70	6.88	94.50	6.25	91.10	5.83	87.70	5.46
	30.0	28.0	123.20	8.31	108.90	7.05	101.70	6.45	94.50	5.87	91.10	5.48	87.70	5.13
	35.0	32.0	123.20	7.56	108.90	6.43	101.70	5.89	94.50	5.37	91.10	5.02	87.70	4.70
	39.0	36.0	123.20	7.12	108.90	6.07	101.70	5.57	94.50	5.08	91.10	4.76	87.70	4.45
	44.0	40.0	123.20	6.72	108.90	5.75	101.70	5.28	94.50	4.83	91.10	4.52	87.70	4.23
	47.0	43.0	123.20	6.54	108.90	5.60	101.70	5.15	94.50	4.71	91.10	4.41	87.70	4.13
	51.0	47.0	123.20	6.22	108.90	5.34	101.70	4.92	94.50	4.50	91.10	4.22	87.70	3.95
60	54.0	50.0	123.20	5.93	108.90	5.11	101.70	4.71	94.50	4.32	91.10	4.05	87.70	3.79
	57.0	53.0	123.20	5.56	108.90	4.81	101.70	4.44	94.50	4.08	91.10	3.83	87.70	3.59
	60.0	56.0	123.20	5.35	108.90	4.64	101.70	4.29	94.50	3.94	91.10	3.70	87.70	3.47
	-21.8	-22.0	105.60	20.14	93.30	16.93	87.20	15.38	81.00	13.95	78.10	12.97	75.20	12.07
	-17.8	-18.0	105.60	18.61	93.30	15.64	87.20	14.21	81.00	12.88	78.10	11.98	75.20	11.15
	-12.6	-13.0	105.60	16.52	93.30	13.89	87.20	12.62	81.00	11.44	78.10	10.63	75.20	9.90
	-7.1	-7.6	105.60	14.67	93.30	12.33	87.20	11.21	81.00	10.16	78.10	9.45	75.20	8.80
	-3.6	-4.0	105.60	13.56	93.30	11.40	87.20	10.36	81.00	9.40	78.10	8.74	75.20	8.14
	-1.8	-2.2	105.60	13.03	93.30	10.96	87.20	9.97	81.00	9.04	78.10	8.41	75.20	7.83
	2.0	1.0	105.60	12.06	93.30	10.15	87.20	9.23	81.00	8.37	78.10	7.79	75.20	7.25
	6.0	5.0	105.60	10.74	93.30	9.05	87.20	8.24	81.00	7.48	78.10	6.96	75.20	6.48
	10.0	9.0	105.60	9.96	93.30	8.40	87.20	7.65	81.00	6.95	78.10	6.47	75.20	6.03
	13.0	12.0	105.60	9.60	93.30	8.10	87.20	7.37	81.00	6.70	78.10	6.24	75.20	5.81
	17.0	15.0	105.60	8.60	93.30	7.27	87.20	6.63	81.00	6.03	78.10	5.62	75.20	5.24
	19.0	18.0	105.60	8.31	93.30	7.02	87.20	6.41	81.00	5.83	78.10	5.43	75.20	5.06
	23.0	21.0	105.60	7.75	93.30	6.56	87.20	5.99	81.00	5.45	78.10	5.09	75.20	4.74
	26.0	24.0	105.60	7.25	93.30	6.14	87.20	5.62	81.00	5.12	78.10	4.78	75.20	4.45
	30.0	28.0	105.60	6.80	93.30	5.77	87.20	5.28	81.00	4.82	78.10	4.50	75.20	4.20
	35.0	32.0	105.60	6.20	93.30	5.28	87.20	4.84	81.00	4.42	78.10	4.13	75.20	3.86
	39.0	36.0	105.60	5.86	93.30	5.00	87.20	4.59	81.00	4.20	78.10	3.92	75.20	3.66
50	44.0	40.0	105.60	5.55	93.30	4.75	87.20	4.36	81.00	3.99	78.10	3.74	75.20	3.49
	47.0	43.0	105.60	5.41	93.30	4.63	87.20	4.26	81.00	3.90	78.10	3.65	75.20	3.41
	51.0	47.0	105.60	5.16	93.30	4.43	87.20	4.08	81.00	3.74	78.10	3.50	75.20	3.27
	54.0	50.0	105.60	4.94	93.30	4.24	87.20	3.92	81.00	3.59	78.10	3.37	75.20	3.15
	57.0	53.0	105.60	4.65	93.30	4.01	87.20	3.71	81.00	3.41	78.10	3.19	75.20	2.99
	60.0	56.0	105.60	4.49	93.30	3.88	87.20	3.59	81.00	3.30	78.10	3.10	75.20	2.90
	-21.8	-22.0	88.00	15.79	77.80	13.25	72.60	12.06	67.50	10.92	65.10	10.19	62.60	9.50
	-17.8	-18.0	88.00	14.59	77.80	12.24	72.60	11.14	67.50	10.09	65.10	9.41	62.60	8.77
	-12.6	-13.0	88.00	12.95	77.80	10.87	72.60	9.89	67.50	8.96	65.10	8.36	62.60	7.79
	-7.1	-7.6	88.00	11.51	77.80	9.66	72.60	8.79	67.50	7.97	65.10	7.43	62.60	6.93
	-3.6	-4.0	88.00	10.64	77.80	8.93	72.60	8.13	67.50	7.37	65.10	6.88	62.60	6.41
	-1.8	-2.2	88.00	10.23	77.80	8.59	72.60	7.83	67.50	7.09	65.10	6.62	62.60	6.17
	2.0	1.0	88.00	9.47	77.80	7.96	72.60	7.25	67.50	6.58	65.10	6.14	62.60	5.72
	6.0	5.0	88.00	8.45	77.80	7.11	72.60	6.48	67.50	5.88	65.10	5.49	62.60	5.12
	10.0	9.0	88.00	7.85	77.80	6.61	72.60	6.03	67.50	5.47	65.10	5.11	62.60	4.77
	13.0	12.0	88.00	7.57	77.80	6.38	72.60	5.82	67.50	5.28	65.10	4.93	62.60	4.60
	17.0	15.0	88.00	6.80	77.80	5.74	72.60	5.24	67.50	4.77	65.10	4.45	62.60	4.16
	19.0	18.0	88.00	6.57	77.80	5.55	72.60	5.07	67.50	4.61	65.10	4.31	62.60	4.02
	23.0	21.0	88.00	6.14	77.80	5.20	72.60	4.75	67.50	4.33	65.10	4.04	62.60	3.77
	26.0	24.0	88.00	5.76	77.80	4.88	72.60	4.47	67.50	4.07	65.10	3.80	62.60	3.55
50	30.0	28.0	88.00	5.41	77.80	4.60	72.60	4.21	67.50	3.84	65.10	3.59	62.60	3.35
	35.0	32.0	88.00	4.96	77.80	4.22	72.60	3.87	67.50	3.54	65.10	3.31	62.60	3.09
	39.0	36.0	88.00	4.70	77.80	4.01	72.60	3.68	67.50	3.36	65.10	3.15	62.60	2.94
	44.0	40.0	88.00	4.47	77.80	3.82	72.60	3.51	67.50	3.21	65.10	3.01	62.60	2.81
	47.0	43.0	88.00	4.36	77.80	3.73	72.60	3.43	67.50	3.14	65.10	2.94	62.60	2.75
	51.0	47.0	88.00	4.17	77.80	3.58	72.60	3.29	67.50	3.02	65.10	2.83	62.60	2.64
	54.0	50.0	88.00	4.01	77.80	3.44	72.60	3.17	67.50	2.91	65.10	2.72	62.60	2.55
	57.0	53.0	88.00	3.79	77.80	3.26	72.60	3.01	67.50	2.77	65.10	2.59	62.60	2.43
	60.0	56.0	88.00	3.67	77.80	3.16	72.60	2.92	67.50	2.69	65.10	2.52	62.60	2.36

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/VRC144L4M

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	121.60	2.16	147.80	3.02	174.00	3.84	187.20	4.34	213.40	5.04	242.95	5.50	271.04	6.28
	10	121.60	2.28	147.80	3.14	174.00	3.98	187.20	4.48	213.40	5.16	240.54	5.62	268.35	6.38
	14	121.60	2.40	147.80	3.28	174.00	4.12	187.20	4.62	213.40	5.30	238.16	5.74	265.70	6.48
	23	121.60	2.52	147.80	3.42	174.00	4.26	187.20	4.76	213.40	5.44	235.80	5.86	263.06	6.58
	27	121.60	2.66	147.80	3.56	174.00	4.42	187.20	4.90	213.40	5.58	233.47	5.98	260.46	6.68
	32	121.60	2.80	147.80	3.70	174.00	4.58	187.20	5.06	213.40	5.72	231.15	6.10	257.88	6.78
	37	121.60	2.94	147.80	3.86	174.00	4.74	187.20	5.22	213.40	5.86	228.87	6.22	255.33	6.88
	41	121.60	3.10	147.80	4.02	174.00	4.92	187.20	5.38	213.40	6.02	226.60	6.34	252.80	6.98
	46	121.60	3.18	147.80	4.10	174.00	5.02	187.20	5.48	213.40	6.14	226.60	6.48	252.80	7.16
	50	121.60	3.26	147.80	4.16	174.00	5.10	187.20	5.56	213.40	6.24	226.60	6.60	252.00	7.28
	54	121.60	3.36	147.80	4.28	174.00	5.22	187.20	5.68	213.40	6.38	226.60	6.74	250.60	7.42
	57	121.60	3.48	147.80	4.40	174.00	5.34	187.20	5.82	213.40	6.56	226.60	6.96	249.20	7.60
	61	121.60	3.58	147.80	4.54	174.00	5.52	187.20	6.00	213.40	6.78	226.60	7.18	247.80	7.82
	64	121.60	3.76	147.80	4.72	174.00	5.70	187.20	6.20	213.40	7.02	226.60	7.46	246.40	8.10
	68	121.60	3.90	147.80	4.90	174.00	5.92	187.20	6.46	213.40	7.34	226.60	7.80	244.80	8.50
	72	121.60	4.08	147.80	5.10	174.00	6.18	187.20	6.76	213.40	7.72	226.60	8.26	243.40	8.96
	75	121.60	4.28	147.80	5.32	174.00	6.50	187.20	7.12	213.40	8.20	226.60	8.78	242.00	9.54
	79	121.60	4.44	147.80	5.62	174.00	6.88	187.20	7.60	213.40	8.76	226.60	9.42	240.60	10.24
	82	121.60	4.76	147.80	5.94	174.00	7.36	187.20	8.12	213.40	9.44	226.60	10.18	239.20	10.96
	86	121.60	4.98	147.80	6.36	174.00	7.86	187.20	8.76	213.40	10.22	225.20	10.90	237.60	11.78
	90	121.60	5.34	147.80	6.78	174.00	8.54	187.20	9.50	213.40	10.98	223.80	11.64	236.20	12.70
	93	121.60	5.72	147.80	7.40	174.00	9.26	187.20	10.20	213.40	11.86	222.40	12.54	234.80	13.62
	95	121.60	5.92	147.80	7.74	174.00	9.60	187.20	10.56	213.40	12.36	221.60	13.02	234.00	13.94
	99	121.60	6.58	147.80	8.40	174.00	10.30	187.20	11.42	213.40	13.42	220.20	13.96	232.60	14.20
	102	121.60	7.20	147.80	9.04	174.00	11.22	187.20	12.40	211.20	14.32	214.00	14.14	216.00	13.32
	106	121.60	7.82	147.80	9.86	174.00	12.22	187.20	13.46	196.60	13.62	197.40	13.18	199.40	12.42
	111	121.60	8.96	147.80	11.32	168.20	13.34	169.40	13.04	171.00	12.18	172.00	11.78	174.60	11.08
	115	121.60	9.88	146.80	12.48	151.60	12.38	152.00	12.02	153.80	11.22	155.20	10.86	158.00	10.18
	118	121.60	11.00	133.40	12.08	133.80	11.34	134.40	11.00	136.80	10.26	138.20	9.92	141.40	9.28
	120	120.80	11.72	124.20	11.52	125.00	10.82	125.60	10.48	128.40	9.78	129.80	9.46	133.00	8.84
	122	113.60	11.26	116.80	11.06	117.60	10.38	118.00	10.06	120.60	9.38	122.00	9.08	125.00	8.48
120	5	112.40	2.02	136.60	2.80	160.80	3.52	172.80	3.98	197.00	4.60	209.00	5.04	250.02	5.74
	10	112.40	2.12	136.60	2.92	160.80	3.64	172.80	4.10	197.00	4.72	209.00	5.14	247.55	5.82
	14	112.40	2.24	136.60	3.04	160.80	3.78	172.80	4.22	197.00	4.84	209.00	5.24	245.10	5.90
	23	112.40	2.36	136.60	3.16	160.80	3.92	172.80	4.36	197.00	4.96	209.00	5.34	242.67	5.98
	27	112.40	2.48	136.60	3.30	160.80	4.06	172.80	4.50	197.00	5.08	209.00	5.44	240.27	6.08
	32	112.40	2.62	136.60	3.44	160.80	4.20	172.80	4.64	197.00	5.22	209.00	5.56	237.89	6.18
	37	112.40	2.76	136.60	3.58	160.80	4.36	172.80	4.78	197.00	5.36	209.00	5.68	235.53	6.28
	41	112.40	2.90	136.60	3.72	160.80	4.52	172.80	4.92	197.00	5.50	209.00	5.80	233.20	6.38
	46	112.40	2.96	136.60	3.78	160.80	4.60	172.80	5.00	197.00	5.60	209.00	5.90	233.20	6.52
	50	112.40	3.04	136.60	3.84	160.80	4.66	172.80	5.08	197.00	5.70	209.00	6.00	233.20	6.64
	54	112.40	3.12	136.60	3.94	160.80	4.76	172.80	5.18	197.00	5.80	209.00	6.12	233.20	6.78
	57	112.40	3.20	136.60	4.04	160.80	4.88	172.80	5.30	197.00	5.96	209.00	6.30	233.20	7.00
	61	112.40	3.30	136.60	4.14	160.80	5.02	172.80	5.46	197.00	6.14	209.00	6.50	233.20	7.22
	64	112.40	3.44	136.60	4.30	160.80	5.18	172.80	5.62	197.00	6.34	209.00	6.72	233.20	7.52
	68	112.40	3.54	136.60	4.44	160.80	5.36	172.80	5.84	197.00	6.60	209.00	7.02	233.20	7.88
	72	112.40	3.68	136.60	4.62	160.80	5.58	172.80	6.10	197.00	6.94	209.00	7.38	233.20	8.36
	75	112.40	3.86	136.60	4.82	160.80	5.86	172.80	6.42	197.00	7.36	209.00	7.86	233.20	8.94
	79	112.40	4.02	136.60	5.10	160.80	6.22	172.80	6.84	197.00	7.86	209.00	8.42	233.20	9.66
	82	112.40	4.30	136.60	5.38	160.80	6.64	172.80	7.32	197.00	8.46	209.00	9.08	233.20	10.42
	86	112.40	4.54	136.60	5.74	160.80	7.10	172.80	7.88	197.00	9.16	209.00	9.82	232.80	11.20
	90	112.40	4.84	136.60	6.14	160.80	7.70	172.80	8.56	197.00	9.88	209.00	10.58	231.20	11.98
	93	112.40	5.16	136.60	6.66	160.80	8.36	172.80	9.26	197.00	10.64	209.00	11.42	229.80	12.86
	95	112.40	5.34	136.60	6.96	160.80	8.68	172.80	9.60	197.00	11.06	209.00	11.88	229.20	13.28
	99	112.40	5.90	136.60	7.56	160.80	9.38	172.80	10.36	197.00	11.96	209.00	12.82	227.60	14.04
	102	112.40	6.46	136.60	8.20	160.80	10.18	172.80	11.22	197.00	12.92	207.60	13.62	213.00	13.30
	106	112.40	7.04	136.60	8.96	160.80	11.04	172.80	12.14	192.00	13.32	13.06	196.40	12.40	
	111	112.40	8.14	136.60	10.24	159.80	12.36	165.40	12.72	167.40	12.00	168.60	11.66	171.60	11.06
	115	112.40	8.98	136.40	11.22	147.20	11.94	148.00	11.74	150.40	11.04	151.80	10.74	155.00	10.16
	118	112.40	9.94	128.00	11.34	129.60	10.92	130.40	10.72	133.40	10.08	135.00	9.80	138.40	9.26
	120	112.40	10.52	119.20	10.84	120.80	10.40	121.60	10.20	124.80	9.60	126.40	9.34	130.20	8.82
	122	105.60	10.10	112.00	10.40	113.60	9.98	114.40	9.80	117.40	9.22	118.80	8.96	122.40	8.46

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/VRC144L4M

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	1.88	125.20	2.54	147.40	3.22	158.40	3.60	180.60	4.20	191.60	4.56	213.80	5.22
	10	103.00	1.98	125.20	2.64	147.40	3.34	158.40	3.72	180.60	4.30	191.60	4.66	213.80	5.30
	14	103.00	2.08	125.20	2.76	147.40	3.46	158.40	3.84	180.60	4.40	191.60	4.76	213.80	5.38
	23	103.00	2.18	125.20	2.88	147.40	3.58	158.40	3.96	180.60	4.52	191.60	4.86	213.80	5.46
	27	103.00	2.30	125.20	3.00	147.40	3.70	158.40	4.08	180.60	4.64	191.60	4.96	213.80	5.54
	32	103.00	2.42	125.20	3.12	147.40	3.84	158.40	4.20	180.60	4.76	191.60	5.06	213.80	5.62
	37	103.00	2.54	125.20	3.26	147.40	3.98	158.40	4.32	180.60	4.88	191.60	5.16	213.80	5.70
	41	103.00	2.68	125.20	3.40	147.40	4.12	158.40	4.46	180.60	5.00	191.60	5.26	213.80	5.78
	46	103.00	2.76	125.20	3.46	147.40	4.18	158.40	4.54	180.60	5.08	191.60	5.34	213.80	5.88
	50	103.00	2.80	125.20	3.52	147.40	4.24	158.40	4.60	180.60	5.14	191.60	5.42	213.80	5.98
	54	103.00	2.86	125.20	3.58	147.40	4.32	158.40	4.68	180.60	5.24	191.60	5.52	213.80	6.10
	57	103.00	2.94	125.20	3.66	147.40	4.40	158.40	4.78	180.60	5.36	191.60	5.66	213.80	6.26
	61	103.00	3.00	125.20	3.76	147.40	4.52	158.40	4.92	180.60	5.52	191.60	5.82	213.80	6.46
	64	103.00	3.10	125.20	3.86	147.40	4.66	158.40	5.06	180.60	5.70	191.60	6.02	213.80	6.70
	68	103.00	3.18	125.20	3.98	147.40	4.80	158.40	5.24	180.60	5.92	191.60	6.26	213.80	7.00
	72	103.00	3.28	125.20	4.14	147.40	5.00	158.40	5.46	180.60	6.18	191.60	6.56	213.80	7.38
	75	103.00	3.44	125.20	4.32	147.40	5.26	158.40	5.74	180.60	6.54	191.60	6.96	213.80	7.88
	79	103.00	3.62	125.20	4.56	147.40	5.56	158.40	6.10	180.60	6.98	191.60	7.46	213.80	8.50
	82	103.00	3.86	125.20	4.84	147.40	5.92	158.40	6.54	180.60	7.52	191.60	8.06	213.80	9.18
	86	103.00	4.08	125.20	5.16	147.40	6.38	158.40	7.06	180.60	8.14	191.60	8.72	213.80	9.94
	90	103.00	4.34	125.20	5.50	147.40	6.88	158.40	7.66	180.60	8.82	191.60	9.42	213.80	10.70
	93	103.00	4.60	125.20	5.94	147.40	7.48	158.40	8.30	180.60	9.54	191.60	10.16	213.80	11.48
	95	103.00	4.78	125.20	6.20	147.40	7.78	158.40	8.66	180.60	9.90	191.60	10.54	213.80	11.90
	99	103.00	5.20	125.20	6.74	147.40	8.46	158.40	9.36	180.60	10.66	191.60	11.34	213.80	12.78
	102	103.00	5.70	125.20	7.36	147.40	9.18	158.40	10.12	180.60	11.48	191.60	12.20	209.80	13.28
	106	103.00	6.26	125.20	8.06	147.40	9.94	158.40	10.90	180.40	12.32	188.80	12.76	193.60	12.38
	111	103.00	7.32	125.20	9.20	147.40	11.16	157.60	12.02	163.80	11.82	165.40	11.56	168.60	11.04
	115	103.00	8.08	125.20	10.02	142.40	11.42	144.00	11.44	146.80	10.88	148.40	10.62	152.00	10.14
	118	103.00	8.88	121.80	10.48	125.40	10.50	126.40	10.42	129.80	9.92	131.60	9.68	135.40	9.24
	120	103.00	9.32	114.00	10.14	116.40	9.98	117.80	9.92	121.20	9.44	123.20	9.22	127.20	8.80
	122	96.80	8.94	107.20	9.74	109.40	9.58	110.80	9.52	114.00	9.06	115.80	8.86	119.60	8.44
100	5	93.60	1.72	113.80	2.34	134.00	2.90	144.00	3.26	164.20	3.76	174.20	4.10	194.40	4.64
	10	93.60	1.82	113.80	2.44	134.00	3.00	144.00	3.36	164.20	3.86	174.20	4.18	194.40	4.72
	14	93.60	1.92	113.80	2.54	134.00	3.10	144.00	3.46	164.20	3.96	174.20	4.26	194.40	4.80
	23	93.60	2.02	113.80	2.64	134.00	3.22	144.00	3.56	164.20	4.06	174.20	4.34	194.40	4.88
	27	93.60	2.12	113.80	2.74	134.00	3.34	144.00	3.66	164.20	4.16	174.20	4.42	194.40	4.96
	32	93.60	2.24	113.80	2.86	134.00	3.46	144.00	3.78	164.20	4.26	174.20	4.52	194.40	5.04
	37	93.60	2.36	113.80	2.98	134.00	3.58	144.00	3.90	164.20	4.36	174.20	4.62	194.40	5.12
	41	93.60	2.48	113.80	3.10	134.00	3.70	144.00	4.02	164.20	4.48	174.20	4.72	194.40	5.20
	46	93.60	2.54	113.80	3.16	134.00	3.76	144.00	4.08	164.20	4.54	174.20	4.78	194.40	5.26
	50	93.60	2.58	113.80	3.20	134.00	3.82	144.00	4.12	164.20	4.60	174.20	4.84	194.40	5.34
	54	93.60	2.62	113.80	3.24	134.00	3.88	144.00	4.20	164.20	4.68	174.20	4.94	194.40	5.44
	57	93.60	2.66	113.80	3.30	134.00	3.94	144.00	4.28	164.20	4.78	174.20	5.04	194.40	5.56
	61	93.60	2.70	113.80	3.36	134.00	4.04	144.00	4.38	164.20	4.90	174.20	5.18	194.40	5.72
	64	93.60	2.78	113.80	3.44	134.00	4.14	144.00	4.50	164.20	5.04	174.20	5.34	194.40	5.92
	68	93.60	2.82	113.80	3.52	134.00	4.26	144.00	4.64	164.20	5.24	174.20	5.54	194.40	6.16
	72	93.60	2.90	113.80	3.64	134.00	4.44	144.00	4.84	164.20	5.46	174.20	5.80	194.40	6.48
	75	93.60	3.02	113.80	3.82	134.00	4.64	144.00	5.06	164.20	5.76	174.20	6.12	194.40	6.88
	79	93.60	3.20	113.80	4.04	134.00	4.92	144.00	5.36	164.20	6.12	174.20	6.54	194.40	7.40
	82	93.60	3.42	113.80	4.28	134.00	5.24	144.00	5.76	164.20	6.62	174.20	7.08	194.40	8.04
	86	93.60	3.64	113.80	4.58	134.00	5.64	144.00	6.24	164.20	7.18	174.20	7.68	194.40	8.70
	90	93.60	3.84	113.80	4.88	134.00	6.10	144.00	6.80	164.20	7.80	174.20	8.32	194.40	9.44
	93	93.60	4.06	113.80	5.26	134.00	6.62	144.00	7.38	164.20	8.46	174.20	9.02	194.40	10.12
	95	93.60	4.20	113.80	5.46	134.00	6.90	144.00	7.68	164.20	8.82	174.20	9.36	194.40	10.44
	99	93.60	4.52	113.80	5.94	134.00	7.56	144.00	8.42	164.20	9.50	174.20	10.04	194.40	11.16
	102	93.60	4.94	113.80	6.54	134.00	8.24	144.00	9.08	164.20	10.18	174.20	10.76	194.40	11.94
	106	93.60	5.50	113.80	7.20	134.00	8.90	144.00	9.76	164.20	10.92	174.20	11.52	190.60	12.36
	111	93.60	6.50	113.80	8.22	134.00	9.94	144.00	10.84	159.80	11.52	162.00	11.44	165.80	11.02
	115	93.60	7.18	113.80	8.88	134.00	10.64	140.00	11.16	143.20	10.70	145.20	10.50	149.20	10.12
	118	93.60	7.80	113.80	9.54	121.20	10.08	122.60	10.14	126.20	9.74	128.20	9.56	132.60	9.24
	120	93.60	8.12	108.60	9.38	112.20	9.56	113.80	9.62	117.80	9.26	119.80	9.10	124.20	8.78
	122	88.00	7.80	102.00	9.00	105.40	9.18	107.00	9.24	110.80	8.88	112.60	8.74	116.80	8.42

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/VRC144L4M

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	1.56	102.40	2.08	120.60	2.58	129.60	2.90	147.80	3.36	156.80	3.64	175.00	4.20
	10	84.20	1.64	102.40	2.16	120.60	2.68	129.60	2.98	147.80	3.44	156.80	3.72	175.00	4.26
	14	84.20	1.72	102.40	2.26	120.60	2.78	129.60	3.08	147.80	3.52	156.80	3.80	175.00	4.32
	23	84.20	1.82	102.40	2.36	120.60	2.88	129.60	3.18	147.80	3.60	156.80	3.88	175.00	4.38
	27	84.20	1.92	102.40	2.46	120.60	2.98	129.60	3.28	147.80	3.70	156.80	3.96	175.00	4.44
	32	84.20	2.02	102.40	2.56	120.60	3.08	129.60	3.38	147.80	3.80	156.80	4.04	175.00	4.50
	37	84.20	2.12	102.40	2.66	120.60	3.20	129.60	3.48	147.80	3.90	156.80	4.12	175.00	4.56
	41	84.20	2.24	102.40	2.78	120.60	3.32	129.60	3.58	147.80	4.00	156.80	4.20	175.00	4.62
	46	84.20	2.30	102.40	2.84	120.60	3.38	129.60	3.64	147.80	4.06	156.80	4.26	175.00	4.68
	50	84.20	2.36	102.40	2.88	120.60	3.42	129.60	3.70	147.80	4.10	156.80	4.32	175.00	4.74
	54	84.20	2.40	102.40	2.94	120.60	3.48	129.60	3.74	147.80	4.18	156.80	4.38	175.00	4.80
	57	84.20	2.44	102.40	2.98	120.60	3.54	129.60	3.82	147.80	4.26	156.80	4.46	175.00	4.92
	61	84.20	2.48	102.40	3.04	120.60	3.62	129.60	3.90	147.80	4.36	156.80	4.58	175.00	5.04
	64	84.20	2.54	102.40	3.12	120.60	3.70	129.60	4.00	147.80	4.48	156.80	4.72	175.00	5.20
	68	84.20	2.58	102.40	3.18	120.60	3.82	129.60	4.14	147.80	4.64	156.80	4.90	175.00	5.42
	72	84.20	2.64	102.40	3.30	120.60	3.96	129.60	4.30	147.80	4.84	156.80	5.10	175.00	5.68
	75	84.20	2.76	102.40	3.44	120.60	4.14	129.60	4.50	147.80	5.08	156.80	5.38	175.00	6.00
	79	84.20	2.90	102.40	3.62	120.60	4.36	129.60	4.74	147.80	5.38	156.80	5.70	175.00	6.38
	82	84.20	3.06	102.40	3.82	120.60	4.64	129.60	5.06	147.80	5.74	156.80	6.10	175.00	6.86
	86	84.20	3.24	102.40	4.06	120.60	4.96	129.60	5.44	147.80	6.20	156.80	6.60	175.00	7.42
	90	84.20	3.42	102.40	4.32	120.60	5.34	129.60	5.88	147.80	6.70	156.80	7.12	175.00	8.00
	93	84.20	3.60	102.40	4.64	120.60	5.78	129.60	6.36	147.80	7.24	156.80	7.70	175.00	8.64
	95	84.20	3.74	102.40	4.84	120.60	6.02	129.60	6.64	147.80	7.56	156.80	8.02	175.00	8.96
	99	84.20	4.06	102.40	5.26	120.60	6.56	129.60	7.24	147.80	8.18	156.80	8.64	175.00	9.58
	102	84.20	4.48	102.40	5.80	120.60	7.16	129.60	7.86	147.80	8.80	156.80	9.28	175.00	10.26
	106	84.20	5.00	102.40	6.36	120.60	7.78	129.60	8.50	147.80	9.50	156.80	10.00	175.00	11.04
	111	84.20	5.82	102.40	7.28	120.60	8.80	129.60	9.58	147.40	10.58	154.80	10.94	162.80	11.00
	115	84.20	6.44	102.40	7.94	120.40	9.52	128.80	10.28	137.60	10.40	140.40	10.30	146.20	10.10
	118	84.20	7.04	101.40	8.54	111.60	9.40	115.00	9.66	120.60	9.44	123.60	9.36	129.60	9.22
	120	84.20	7.38	96.00	8.40	102.80	8.90	106.20	9.14	112.00	8.96	115.20	8.90	121.40	8.76
	122	79.20	7.08	90.20	8.06	96.60	8.54	99.80	8.78	105.20	8.60	108.20	8.54	114.20	8.40
80	5	74.80	1.36	91.00	1.80	107.20	2.20	115.20	2.46	131.40	2.84	139.40	3.12	155.60	3.48
	10	74.80	1.44	91.00	1.88	107.20	2.30	115.20	2.54	131.40	2.92	139.40	3.20	155.60	3.56
	14	74.80	1.52	91.00	1.96	107.20	2.40	115.20	2.64	131.40	3.02	139.40	3.28	155.60	3.64
	23	74.80	1.60	91.00	2.06	107.20	2.50	115.20	2.74	131.40	3.12	139.40	3.36	155.60	3.72
	27	74.80	1.70	91.00	2.16	107.20	2.60	115.20	2.84	131.40	3.22	139.40	3.44	155.60	3.80
	32	74.80	1.80	91.00	2.26	107.20	2.70	115.20	2.94	131.40	3.32	139.40	3.52	155.60	3.88
	37	74.80	1.90	91.00	2.36	107.20	2.82	115.20	3.04	131.40	3.42	139.40	3.60	155.60	3.96
	41	74.80	2.02	91.00	2.48	107.20	2.94	115.20	3.16	131.40	3.52	139.40	3.70	155.60	4.04
	46	74.80	2.08	91.00	2.54	107.20	3.00	115.20	3.22	131.40	3.58	139.40	3.74	155.60	4.10
	50	74.80	2.12	91.00	2.58	107.20	3.04	115.20	3.26	131.40	3.62	139.40	3.78	155.60	4.14
	54	74.80	2.16	91.00	2.62	107.20	3.08	115.20	3.30	131.40	3.66	139.40	3.84	155.60	4.20
	57	74.80	2.20	91.00	2.66	107.20	3.14	115.20	3.36	131.40	3.72	139.40	3.90	155.60	4.28
	61	74.80	2.24	91.00	2.72	107.20	3.20	115.20	3.44	131.40	3.82	139.40	4.00	155.60	4.38
	64	74.80	2.30	91.00	2.78	107.20	3.28	115.20	3.52	131.40	3.92	139.40	4.12	155.60	4.52
	68	74.80	2.34	91.00	2.84	107.20	3.36	115.20	3.64	131.40	4.04	139.40	4.26	155.60	4.68
	72	74.80	2.38	91.00	2.94	107.20	3.48	115.20	3.78	131.40	4.22	139.40	4.44	155.60	4.90
	75	74.80	2.46	91.00	3.04	107.20	3.64	115.20	3.94	131.40	4.42	139.40	4.68	155.60	5.18
	79	74.80	2.56	91.00	3.18	107.20	3.82	115.20	4.14	131.40	4.68	139.40	4.96	155.60	5.50
	82	74.80	2.68	91.00	3.34	107.20	4.04	115.20	4.40	131.40	4.96	139.40	5.26	155.60	5.84
	86	74.80	2.82	91.00	3.54	107.20	4.30	115.20	4.68	131.40	5.30	139.40	5.62	155.60	6.26
	90	74.80	2.98	91.00	3.76	107.20	4.60	115.20	5.02	131.40	5.70	139.40	6.04	155.60	6.74
	93	74.80	3.16	91.00	4.04	107.20	4.94	115.20	5.42	131.40	6.14	139.40	6.52	155.60	7.28
	95	74.80	3.30	91.00	4.20	107.20	5.14	115.20	5.64	131.40	6.38	139.40	6.76	155.60	7.54
	99	74.80	3.60	91.00	4.58	107.20	5.60	115.20	6.12	131.40	6.92	139.40	7.32	155.60	8.10
	102	74.80	4.00	91.00	5.04	107.20	6.12	115.20	6.68	131.40	7.48	139.40	7.88	155.60	8.72
	106	74.80	4.40	91.00	5.50	107.20	6.66	115.20	7.26	131.40	8.10	139.40	8.52	155.60	9.36
	111	74.80	5.08	91.00	6.34	107.20	7.64	115.20	8.30	131.40	9.20	139.40	9.64	155.60	10.52
	115	74.80	5.66	91.00	7.00	107.20	8.40	115.20	9.12	129.40	9.78	134.80	9.96	143.40	10.08
	118	74.80	6.32	89.20	7.58	101.60	8.66	107.40	9.16	115.00	9.16	118.80	9.16	126.80	9.20
	120	72.00	6.42	83.00	7.36	93.60	8.24	98.80	8.66	106.40	8.68	110.40	8.70	118.40	8.74
	122	67.60	6.16	78.00	7.06	88.00	7.92	92.80	8.32	100.00	8.34	103.80	8.36	111.20	8.40

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/VRC144L4M

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	65.60	1.20	79.60	1.58	93.80	1.92	100.80	2.16	115.00	2.48	122.00	2.68	136.00	3.06
	10	65.60	1.28	79.60	1.66	93.80	2.00	100.80	2.24	115.00	2.56	122.00	2.74	136.00	3.12
	14	65.60	1.36	79.60	1.74	93.80	2.08	100.80	2.32	115.00	2.64	122.00	2.80	136.00	3.18
	23	65.60	1.44	79.60	1.82	93.80	2.16	100.80	2.40	115.00	2.72	122.00	2.88	136.00	3.24
	27	65.60	1.52	79.60	1.90	93.80	2.26	100.80	2.48	115.00	2.80	122.00	2.96	136.00	3.30
	32	65.60	1.60	79.60	1.98	93.80	2.36	100.80	2.56	115.00	2.88	122.00	3.04	136.00	3.36
	37	65.60	1.70	79.60	2.08	93.80	2.46	100.80	2.66	115.00	2.96	122.00	3.12	136.00	3.42
	41	65.60	1.80	79.60	2.18	93.80	2.56	100.80	2.76	115.00	3.06	122.00	3.20	136.00	3.48
	46	65.60	1.84	79.60	2.22	93.80	2.62	100.80	2.82	115.00	3.10	122.00	3.24	136.00	3.54
	50	65.60	1.88	79.60	2.26	93.80	2.66	100.80	2.84	115.00	3.14	122.00	3.28	136.00	3.58
	54	65.60	1.92	79.60	2.30	93.80	2.70	100.80	2.88	115.00	3.18	122.00	3.32	136.00	3.62
	57	65.60	1.94	79.60	2.34	93.80	2.74	100.80	2.94	115.00	3.24	122.00	3.38	136.00	3.68
	61	65.60	1.98	79.60	2.38	93.80	2.78	100.80	2.98	115.00	3.30	122.00	3.46	136.00	3.76
	64	65.60	2.04	79.60	2.44	93.80	2.86	100.80	3.06	115.00	3.38	122.00	3.54	136.00	3.88
	68	65.60	2.06	79.60	2.50	93.80	2.94	100.80	3.16	115.00	3.50	122.00	3.66	136.00	4.02
	72	65.60	2.10	79.60	2.56	93.80	3.02	100.80	3.26	115.00	3.62	122.00	3.82	136.00	4.18
	75	65.60	2.16	79.60	2.64	93.80	3.14	100.80	3.40	115.00	3.80	122.00	4.00	136.00	4.40
	79	65.60	2.22	79.60	2.74	93.80	3.28	100.80	3.56	115.00	4.00	122.00	4.22	136.00	4.68
	82	65.60	2.30	79.60	2.88	93.80	3.46	100.80	3.76	115.00	4.24	122.00	4.48	136.00	4.96
	86	65.60	2.40	79.60	3.02	93.80	3.66	100.80	3.98	115.00	4.48	122.00	4.74	136.00	5.26
	90	65.60	2.54	79.60	3.20	93.80	3.88	100.80	4.24	115.00	4.80	122.00	5.08	136.00	5.66
	93	65.60	2.68	79.60	3.42	93.80	4.16	100.80	4.54	115.00	5.14	122.00	5.46	136.00	6.08
	95	65.60	2.80	79.60	3.56	93.80	4.32	100.80	4.72	115.00	5.36	122.00	5.68	136.00	6.32
	99	65.60	3.04	79.60	3.86	93.80	4.70	100.80	5.12	115.00	5.80	122.00	6.12	136.00	6.80
	102	65.60	3.40	79.60	4.26	93.80	5.14	100.80	5.58	115.00	6.28	122.00	6.64	136.00	7.34
	106	65.60	3.72	79.60	4.66	93.80	5.62	100.80	6.12	115.00	6.84	122.00	7.20	136.00	7.92
	111	65.60	4.28	79.60	5.38	93.80	6.50	100.80	7.06	115.00	7.80	122.00	8.16	136.00	8.90
	115	65.60	4.84	79.60	6.00	93.80	7.20	100.80	7.80	115.00	8.52	121.60	8.88	134.60	9.52
	118	65.60	5.54	78.20	6.72	91.20	7.90	97.80	8.50	107.20	8.74	111.80	8.84	120.60	9.00
	120	61.00	5.76	72.40	6.74	84.20	7.76	90.40	8.26	99.00	8.36	103.40	8.42	112.20	8.56
	122	57.40	5.52	68.00	6.48	79.20	7.44	85.00	7.92	93.00	8.02	97.20	8.08	105.40	8.22
60	5	56.20	1.02	68.20	1.32	80.40	1.60	86.40	1.78	98.40	1.96	104.60	2.06	116.60	2.22
	10	56.20	1.08	68.20	1.38	80.40	1.68	86.40	1.86	98.40	2.04	104.60	2.14	116.60	2.32
	14	56.20	1.14	68.20	1.46	80.40	1.76	86.40	1.94	98.40	2.12	104.60	2.22	116.60	2.42
	23	56.20	1.22	68.20	1.54	80.40	1.84	86.40	2.02	98.40	2.20	104.60	2.32	116.60	2.52
	27	56.20	1.30	68.20	1.62	80.40	1.92	86.40	2.10	98.40	2.30	104.60	2.42	116.60	2.62
	32	56.20	1.38	68.20	1.70	80.40	2.02	86.40	2.18	98.40	2.40	104.60	2.52	116.60	2.72
	37	56.20	1.46	68.20	1.78	80.40	2.12	86.40	2.28	98.40	2.50	104.60	2.62	116.60	2.84
	41	56.20	1.56	68.20	1.88	80.40	2.22	86.40	2.38	98.40	2.60	104.60	2.72	116.60	2.96
	46	56.20	1.60	68.20	1.92	80.40	2.26	86.40	2.42	98.40	2.64	104.60	2.76	116.60	3.00
	50	56.20	1.62	68.20	1.96	80.40	2.28	86.40	2.44	98.40	2.68	104.60	2.80	116.60	3.02
	54	56.20	1.66	68.20	1.98	80.40	2.32	86.40	2.48	98.40	2.72	104.60	2.84	116.60	3.06
	57	56.20	1.68	68.20	2.02	80.40	2.36	86.40	2.52	98.40	2.76	104.60	2.88	116.60	3.12
	61	56.20	1.70	68.20	2.04	80.40	2.40	86.40	2.56	98.40	2.80	104.60	2.94	116.60	3.18
	64	56.20	1.74	68.20	2.10	80.40	2.44	86.40	2.62	98.40	2.88	104.60	3.00	116.60	3.26
	68	56.20	1.78	68.20	2.14	80.40	2.50	86.40	2.68	98.40	2.96	104.60	3.10	116.60	3.38
	72	56.20	1.80	68.20	2.18	80.40	2.58	86.40	2.76	98.40	3.06	104.60	3.20	116.60	3.50
	75	56.20	1.84	68.20	2.26	80.40	2.66	86.40	2.88	98.40	3.20	104.60	3.36	116.60	3.68
	79	56.20	1.88	68.20	2.32	80.40	2.78	86.40	3.00	98.40	3.36	104.60	3.54	116.60	3.90
	82	56.20	1.94	68.20	2.42	80.40	2.90	86.40	3.16	98.40	3.54	104.60	3.74	116.60	4.14
	86	56.20	2.00	68.20	2.52	80.40	3.06	86.40	3.32	98.40	3.74	104.60	3.94	116.60	4.38
	90	56.20	2.12	68.20	2.66	80.40	3.22	86.40	3.50	98.40	3.96	104.60	4.20	116.60	4.68
	93	56.20	2.20	68.20	2.82	80.40	3.42	86.40	3.72	98.40	4.24	104.60	4.50	116.60	5.02
	95	56.20	2.30	68.20	2.92	80.40	3.56	86.40	3.88	98.40	4.40	104.60	4.68	116.60	5.22
	99	56.20	2.48	68.20	3.16	80.40	3.86	86.40	4.22	98.40	4.78	104.60	5.08	116.60	5.64
	102	56.20	2.76	68.20	3.50	80.40	4.24	86.40	4.62	98.40	5.20	104.60	5.50	116.60	6.12
	106	56.20	3.06	68.20	3.84	80.40	4.66	86.40	5.08	98.40	5.70	104.60	6.02	116.60	6.64
	111	56.20	3.54	68.20	4.46	80.40	5.42	86.40	5.90	98.40	6.52	104.60	6.84	116.60	7.46
	115	56.20	3.96	68.20	4.98	80.40	6.00	86.40	6.52	98.40	7.14	104.60	7.46	116.60	8.06
	118	56.20	4.62	68.00	5.70	80.20	6.76	86.40	7.28	96.00	7.80	101.00	8.04	111.00	8.44
	120	53.00	5.06	64.00	6.08	75.40	7.10	81.20	7.62	89.60	7.86	94.00	7.98	102.60	8.18
	122	49.80	4.86	60.20	5.84	70.80	6.82	76.40	7.32	84.20	7.54	88.40	7.66	96.40	7.86

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/VRC144L4M

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)	
	DB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	46.80	0.86	56.80	1.12	67.00	1.36	72.00	1.50	82.00	1.62	87.20	1.68	97.20	1.82
	10	46.80	0.92	56.80	1.18	67.00	1.42	72.00	1.56	82.00	1.68	87.20	1.76	97.20	1.90
	14	46.80	0.98	56.80	1.24	67.00	1.48	72.00	1.62	82.00	1.76	87.20	1.84	97.20	1.98
	23	46.80	1.04	56.80	1.30	67.00	1.54	72.00	1.68	82.00	1.84	87.20	1.92	97.20	2.06
	27	46.80	1.10	56.80	1.36	67.00	1.62	72.00	1.76	82.00	1.92	87.20	2.00	97.20	2.14
	32	46.80	1.16	56.80	1.44	67.00	1.70	72.00	1.84	82.00	2.00	87.20	2.08	97.20	2.22
	37	46.80	1.24	56.80	1.52	67.00	1.78	72.00	1.92	82.00	2.08	87.20	2.16	97.20	2.32
	41	46.80	1.32	56.80	1.60	67.00	1.86	72.00	2.00	82.00	2.16	87.20	2.24	97.20	2.42
	46	46.80	1.36	56.80	1.62	67.00	1.90	72.00	2.02	82.00	2.20	87.20	2.28	97.20	2.46
	50	46.80	1.38	56.80	1.66	67.00	1.92	72.00	2.06	82.00	2.22	87.20	2.32	97.20	2.48
	54	46.80	1.40	56.80	1.66	67.00	1.94	72.00	2.08	82.00	2.26	87.20	2.34	97.20	2.52
	57	46.80	1.40	56.80	1.68	67.00	1.98	72.00	2.12	82.00	2.30	87.20	2.38	97.20	2.56
	61	46.80	1.42	56.80	1.72	67.00	2.00	72.00	2.14	82.00	2.32	87.20	2.42	97.20	2.60
	64	46.80	1.46	56.80	1.76	67.00	2.04	72.00	2.18	82.00	2.38	87.20	2.48	97.20	2.66
	68	46.80	1.50	56.80	1.80	67.00	2.10	72.00	2.24	82.00	2.44	87.20	2.54	97.20	2.76
	72	46.80	1.52	56.80	1.84	67.00	2.14	72.00	2.30	82.00	2.52	87.20	2.64	97.20	2.86
	75	46.80	1.54	56.80	1.86	67.00	2.20	72.00	2.38	82.00	2.62	87.20	2.74	97.20	2.98
	79	46.80	1.56	56.80	1.92	67.00	2.28	72.00	2.48	82.00	2.74	87.20	2.88	97.20	3.14
	82	46.80	1.58	56.80	1.98	67.00	2.38	72.00	2.58	82.00	2.88	87.20	3.02	97.20	3.32
	86	46.80	1.62	56.80	2.06	67.00	2.48	72.00	2.70	82.00	3.02	87.20	3.20	97.20	3.52
	90	46.80	1.70	56.80	2.16	67.00	2.60	72.00	2.82	82.00	3.18	87.20	3.38	97.20	3.74
	93	46.80	1.78	56.80	2.26	67.00	2.74	72.00	2.98	82.00	3.38	87.20	3.60	97.20	4.02
	95	46.80	1.82	56.80	2.32	67.00	2.82	72.00	3.08	82.00	3.50	87.20	3.72	97.20	4.16
	99	46.80	1.98	56.80	2.52	67.00	3.08	72.00	3.36	82.00	3.82	87.20	4.06	97.20	4.54
	102	46.80	2.16	56.80	2.76	67.00	3.38	72.00	3.70	82.00	4.18	87.20	4.44	97.20	4.94
	106	46.80	2.44	56.80	3.08	67.00	3.74	72.00	4.08	82.00	4.60	87.20	4.88	97.20	5.40
	111	46.80	2.86	56.80	3.62	67.00	4.42	72.00	4.84	82.00	5.36	87.20	5.62	97.20	6.14
	115	46.80	3.20	56.80	4.04	67.00	4.90	72.00	5.34	82.00	5.86	87.20	6.12	97.20	6.64
	118	46.80	3.64	56.80	4.58	67.00	5.50	72.00	5.96	82.00	6.46	87.20	6.70	97.20	7.16
	120	46.80	4.08	56.80	5.00	67.00	5.90	72.00	6.34	79.40	6.80	83.60	7.02	93.20	7.44
	122	46.80	4.36	56.80	5.36	67.00	6.32	72.00	6.78	79.40	7.28	79.40	6.88	88.60	7.30

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/VRC144L4M

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
130	-21.8	-22.0	179.20	32.04	172.80	33.94	169.60	34.72	166.40	35.50	165.00	35.76	163.40	35.66
	-17.8	-18.0	189.00	32.56	182.60	34.46	179.40	35.24	176.20	36.02	174.60	36.28	173.20	36.18
	-12.6	-13.0	203.60	33.34	197.20	35.24	194.00	36.02	190.80	36.80	189.20	37.06	187.80	36.94
	-7.1	-7.6	218.20	34.12	211.80	36.02	208.60	36.80	205.40	37.58	202.60	37.84	195.40	36.02
	-3.6	-4.0	227.80	34.64	221.40	36.54	218.20	37.32	210.20	37.84	203.00	35.78	195.40	33.26
	-1.8	-2.2	232.80	34.90	226.40	36.80	223.20	37.58	210.60	37.00	203.00	34.40	195.40	31.98
	2.0	1.0	242.40	35.42	236.00	37.32	226.60	37.74	210.60	34.18	203.00	31.78	195.40	29.54
	6.0	5.0	257.00	36.20	242.60	36.78	226.60	33.50	210.60	30.34	203.00	28.22	195.40	26.24
	10.0	9.0	266.80	36.72	242.60	33.98	226.60	30.96	210.60	28.04	203.00	26.08	195.40	24.26
	13.0	12.0	271.60	36.98	242.60	32.66	226.60	29.76	210.60	26.96	203.00	25.08	195.40	23.32
	17.0	15.0	274.60	34.42	242.60	29.02	226.60	26.46	210.60	24.00	203.00	22.34	195.40	20.78
	19.0	18.0	274.60	33.08	242.60	27.92	226.60	25.46	210.60	23.10	203.00	21.50	195.40	20.00
	23.0	21.0	274.60	30.58	242.60	25.84	226.60	23.58	210.60	21.40	203.00	19.94	195.40	18.56
	26.0	24.0	274.60	28.30	242.60	23.94	226.60	21.86	210.60	19.86	203.00	18.52	195.40	17.24
	30.0	28.0	274.60	26.20	242.60	22.20	226.60	20.30	210.60	18.46	203.00	17.22	195.40	16.04
	35.0	32.0	274.60	23.40	242.60	19.88	226.60	18.22	210.60	16.60	203.00	15.50	195.40	14.46
	39.0	36.0	274.60	21.72	242.60	18.52	226.60	17.00	210.60	15.52	203.00	14.50	195.40	13.54
	44.0	40.0	274.60	20.22	242.60	17.30	226.60	15.90	210.60	14.54	203.00	13.60	195.40	12.70
	47.0	43.0	274.60	19.52	242.60	16.72	226.60	15.38	210.60	14.08	203.00	13.18	195.40	12.32
	51.0	47.0	274.60	18.24	242.60	15.68	226.60	14.46	210.60	13.26	203.00	12.42	195.40	11.62
	54.0	50.0	274.60	17.08	242.60	14.76	226.60	13.62	210.60	12.54	203.00	11.76	195.40	11.02
	57.0	53.0	274.60	15.58	242.60	13.54	226.60	12.56	210.60	11.58	203.00	10.88	195.40	10.22
	60.0	56.0	274.60	14.70	242.60	12.84	226.60	11.92	210.60	11.04	203.00	10.38	195.40	9.76
120	-21.8	-22.0	175.00	30.98	169.20	33.18	166.20	34.86	163.20	34.60	161.80	33.68	160.40	32.80
	-17.8	-18.0	184.80	31.50	178.80	33.70	176.00	35.38	173.00	35.12	171.60	34.20	170.20	33.32
	-12.6	-13.0	199.40	32.28	193.40	34.48	190.40	36.16	187.60	35.90	186.20	34.98	180.40	34.10
	-7.1	-7.6	214.00	33.06	208.00	35.26	205.00	36.94	194.40	35.02	187.40	32.54	180.40	30.28
	-3.6	-4.0	223.60	33.58	217.80	35.78	209.20	35.76	194.40	32.34	187.40	30.06	180.40	27.96
	-1.8	-2.2	228.60	33.84	222.60	36.04	209.20	34.36	194.40	31.08	187.40	28.90	180.40	26.88
	2.0	1.0	238.20	34.36	224.00	34.90	209.20	31.74	194.40	28.72	187.40	26.70	180.40	24.84
	6.0	5.0	252.80	35.14	224.00	30.98	209.20	28.18	194.40	25.50	187.40	23.72	180.40	22.06
	10.0	9.0	253.60	34.02	224.00	28.62	209.20	26.06	194.40	23.58	187.40	21.94	180.40	20.42
	13.0	12.0	253.60	32.70	224.00	27.52	209.20	25.06	194.40	22.68	187.40	21.10	180.40	19.64
	17.0	15.0	253.60	29.04	224.00	24.48	209.20	22.30	194.40	20.20	187.40	18.80	180.40	17.52
	19.0	18.0	253.60	27.94	224.00	23.54	209.20	21.46	194.40	19.46	187.40	18.10	180.40	16.86
	23.0	21.0	253.60	25.84	224.00	21.80	209.20	19.90	194.40	18.06	187.40	16.80	180.40	15.66
	26.0	24.0	253.60	23.92	224.00	20.22	209.20	18.46	194.40	16.78	187.40	15.62	180.40	14.56
	30.0	28.0	253.60	22.18	224.00	18.78	209.20	17.16	194.40	15.62	187.40	14.56	180.40	13.58
	35.0	32.0	253.60	19.84	224.00	16.86	209.20	15.44	194.40	14.08	187.40	13.14	180.40	12.26
	39.0	36.0	253.60	18.46	224.00	15.74	209.20	14.44	194.40	13.18	187.40	12.30	180.40	11.50
	44.0	40.0	253.60	17.22	224.00	14.72	209.20	13.52	194.40	12.38	187.40	11.56	180.40	10.82
	47.0	43.0	253.60	16.64	224.00	14.24	209.20	13.10	194.40	12.00	187.40	11.22	180.40	10.50
	51.0	47.0	253.60	15.58	224.00	13.38	209.20	12.34	194.40	11.34	187.40	10.60	180.40	9.94
	54.0	50.0	253.60	14.64	224.00	12.62	209.20	11.66	194.40	10.74	187.40	10.06	180.40	9.42
	57.0	53.0	253.60	13.40	224.00	11.64	209.20	10.78	194.40	9.96	187.40	9.34	180.40	8.78
	60.0	56.0	253.60	12.70	224.00	11.06	209.20	10.28	194.40	9.52	187.40	8.94	180.40	8.40
110	-21.8	-22.0	170.80	31.52	165.40	31.96	162.60	33.56	160.00	33.34	158.80	32.54	157.40	31.66
	-17.8	-18.0	180.60	32.04	175.20	32.48	172.40	34.08	169.80	33.86	168.40	33.06	165.40	32.18
	-12.6	-13.0	195.20	32.82	189.80	33.26	187.00	34.86	178.20	33.06	171.80	30.78	165.40	28.60
	-7.1	-7.6	209.80	33.60	204.20	34.04	191.80	32.44	178.20	29.34	171.80	27.34	165.40	25.38
	-3.6	-4.0	219.40	34.12	205.20	32.96	191.80	29.96	178.20	27.10	171.80	25.24	165.40	23.46
	-1.8	-2.2	224.20	34.38	205.20	31.68	191.80	28.80	178.20	26.06	171.80	24.26	165.40	22.54
	2.0	1.0	232.40	34.90	205.20	29.26	191.80	26.60	178.20	24.08	171.80	22.42	165.40	20.82
	6.0	5.0	232.40	30.98	205.20	26.00	191.80	23.64	178.20	21.40	171.80	19.94	165.40	18.52
	10.0	9.0	232.40	28.62	205.20	24.02	191.80	21.86	178.20	19.80	171.80	18.44	165.40	17.14
	13.0	12.0	232.40	27.52	205.20	23.10	191.80	21.02	178.20	19.04	171.80	17.74	165.40	16.50
	17.0	15.0	232.40	24.46	205.20	20.56	191.80	18.74	178.20	16.98	171.80	15.84	165.40	14.72
	19.0	18.0	232.40	23.52	205.20	19.80	191.80	18.04	178.20	16.36	171.80	15.26	165.40	14.20
	23.0	21.0	232.40	21.78	205.20	18.36	191.80	16.74	178.20	15.20	171.80	14.18	165.40	13.20
	26.0	24.0	232.40	20.20	205.20	17.04	191.80	15.56	178.20	14.14	171.80	13.20	165.40	12.30
	30.0	28.0	232.40	18.74	205.20	15.86	191.80	14.48	178.20	13.18	171.80	12.30	165.40	11.48
	35.0	32.0	232.40	16.80	205.20	14.26	191.80	13.06	178.20	11.92	171.80	11.14	165.40	10.40
	39.0	36.0	232.40	15.66	205.20	13.34	191.80	12.24	178.20	11.16	171.80	10.46	165.40	9.76
	44.0	40.0	232.40	14.64	205.20	12.50	191.80	11.48	178.20	10.50	171.80	9.84	165.40	9.20
	47.0	43.0	232.40	14.16	205.20	12.12	191.80	11.14	178.20	10.20	171.80	9.56	165.40	8.94
	51.0	47.0	232.40	13.30	205.20	11.42	191.80	10.52	178.20	9.66	171.80	9.06	165.40	8.48
	54.0	50.0	232.40	12.52	205.20	10.80	191.80	9.98	178.20	9.16	171.80	8.60	165.40	8.06
	57.0	53.0	232.40	11.52	205.20	10.00	191.80	9.26	178.20	8.54	171.80	8.02	165.40	7.54
	60.0	56.0	232.40	10.94	205.20	9.54	191.80	8.84	178.20	8.16	171.80	7.70	165.40	7.22

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/VRC144L4M

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	166.60	30.26	161.60	30.72	159.20	30.72	156.80	30.76	153.80	29.78	150.40	29.02
	-17.8	-18.0	176.40	30.78	171.40	31.24	169.00	31.24	162.00	31.04	156.20	28.90	150.40	26.84
	-12.6	-13.0	190.80	31.56	186.00	32.02	174.40	30.52	162.00	27.56	156.20	25.66	150.40	23.84
	-7.1	-7.6	205.40	32.34	186.60	29.82	174.40	27.10	162.00	24.48	156.20	22.78	150.40	21.16
	-3.6	-4.0	211.20	32.86	186.60	27.54	174.40	25.04	162.00	22.62	156.20	21.04	150.40	19.56
	-1.8	-2.2	211.20	31.58	186.60	26.48	174.40	24.06	162.00	21.74	156.20	20.24	150.40	18.80
	2.0	1.0	211.20	29.18	186.60	24.46	174.40	22.24	162.00	20.08	156.20	18.70	150.40	17.38
	6.0	5.0	211.20	25.90	186.60	21.74	174.40	19.76	162.00	17.86	156.20	16.64	150.40	15.46
	10.0	9.0	211.20	23.94	186.60	20.10	174.40	18.28	162.00	16.54	156.20	15.40	150.40	14.32
	13.0	12.0	211.20	23.02	186.60	19.34	174.40	17.60	162.00	15.92	156.20	14.82	150.40	13.78
	17.0	15.0	211.20	20.48	186.60	17.24	174.40	15.70	162.00	14.22	156.20	13.24	150.40	12.32
	19.0	18.0	211.20	19.72	186.60	16.60	174.40	15.12	162.00	13.70	156.20	12.76	150.40	11.88
	23.0	21.0	211.20	18.28	186.60	15.40	174.40	14.04	162.00	12.74	156.20	11.88	150.40	11.06
	26.0	24.0	211.20	16.96	186.60	14.32	174.40	13.08	162.00	11.88	156.20	11.08	150.40	10.32
	30.0	28.0	211.20	15.76	186.60	13.34	174.40	12.20	162.00	11.08	156.20	10.34	150.40	9.64
	35.0	32.0	211.20	14.18	186.60	12.04	174.40	11.04	162.00	10.06	156.20	9.38	150.40	8.76
	39.0	36.0	211.20	13.24	186.60	11.28	174.40	10.34	162.00	9.44	156.20	8.82	150.40	8.26
	44.0	40.0	211.20	12.40	186.60	10.60	174.40	9.74	162.00	8.90	156.20	8.32	150.40	7.80
	47.0	43.0	211.20	12.02	186.60	10.28	174.40	9.46	162.00	8.66	156.20	8.10	150.40	7.58
	51.0	47.0	211.20	11.32	186.60	9.72	174.40	8.96	162.00	8.22	156.20	7.70	150.40	7.20
	54.0	50.0	211.20	10.70	186.60	9.22	174.40	8.52	162.00	7.82	156.20	7.32	150.40	6.88
	57.0	53.0	211.20	9.88	186.60	8.56	174.40	7.94	162.00	7.32	156.20	6.86	150.40	6.44
	60.0	56.0	211.20	9.42	186.60	8.18	174.40	7.60	162.00	7.02	156.20	6.58	150.40	6.20
90	-21.8	-22.0	162.40	31.16	158.00	30.10	154.20	30.08	145.80	28.58	140.60	26.64	135.40	24.70
	-17.8	-18.0	172.00	31.68	167.60	30.62	156.80	29.18	145.80	26.44	140.60	24.62	135.40	22.82
	-12.6	-13.0	186.60	32.46	168.00	28.52	156.80	25.92	145.80	23.46	140.60	21.86	135.40	20.26
	-7.1	-7.6	190.20	30.22	168.00	25.34	156.80	23.00	145.80	20.84	140.60	19.40	135.40	17.98
	-3.6	-4.0	190.20	27.92	168.00	23.40	156.80	21.26	145.80	19.26	140.60	17.92	135.40	16.62
	-1.8	-2.2	190.20	26.84	168.00	22.50	156.80	20.44	145.80	18.50	140.60	17.24	135.40	15.98
	2.0	1.0	190.20	24.80	168.00	20.78	156.80	18.88	145.80	17.10	140.60	15.94	135.40	14.78
	6.0	5.0	190.20	22.02	168.00	18.48	156.80	16.80	145.80	15.22	140.60	14.18	135.40	13.16
	10.0	9.0	190.20	20.36	168.00	17.10	156.80	15.56	145.80	14.10	140.60	13.14	135.40	12.20
	13.0	12.0	190.20	19.60	168.00	16.46	156.80	14.96	145.80	13.58	140.60	12.66	135.40	11.74
	17.0	15.0	190.20	17.46	168.00	14.68	156.80	13.38	145.80	12.14	140.60	11.32	135.40	10.52
	19.0	18.0	190.20	16.82	168.00	14.16	156.80	12.90	145.80	11.72	140.60	10.92	135.40	10.14
	23.0	21.0	190.20	15.60	168.00	13.16	156.80	12.00	145.80	10.90	140.60	10.18	135.40	9.46
	26.0	24.0	190.20	14.50	168.00	12.26	156.80	11.18	145.80	10.18	140.60	9.50	135.40	8.84
	30.0	28.0	190.20	13.50	168.00	11.44	156.80	10.44	145.80	9.52	140.60	8.90	135.40	8.28
	35.0	32.0	190.20	12.18	168.00	10.36	156.80	9.48	145.80	8.66	140.60	8.10	135.40	7.54
	39.0	36.0	190.20	11.42	168.00	9.72	156.80	8.92	145.80	8.16	140.60	7.62	135.40	7.12
	44.0	40.0	190.20	10.72	168.00	9.16	156.80	8.42	145.80	7.70	140.60	7.22	135.40	6.74
	47.0	43.0	190.20	10.40	168.00	8.90	156.80	8.18	145.80	7.50	140.60	7.02	135.40	6.56
	51.0	47.0	190.20	9.82	168.00	8.44	156.80	7.76	145.80	7.14	140.60	6.68	135.40	6.24
	54.0	50.0	190.20	9.32	168.00	8.02	156.80	7.40	145.80	6.80	140.60	6.38	135.40	5.98
	57.0	53.0	190.20	8.66	168.00	7.48	156.80	6.92	145.80	6.38	140.60	6.00	135.40	5.62
	60.0	56.0	190.20	8.26	168.00	7.18	156.80	6.66	145.80	6.14	140.60	5.76	135.40	5.42
80	-21.8	-22.0	158.20	30.16	149.40	29.18	139.40	26.48	129.60	24.04	125.00	22.34	120.20	20.74
	-17.8	-18.0	167.80	30.68	149.40	26.98	139.40	24.48	129.60	22.20	125.00	20.64	120.20	19.16
	-12.6	-13.0	169.00	28.60	149.40	23.96	139.40	21.74	129.60	19.72	125.00	18.32	120.20	17.00
	-7.1	-7.6	169.00	25.38	149.40	21.28	139.40	19.30	129.60	17.50	125.00	16.26	120.20	15.10
	-3.6	-4.0	169.00	23.46	149.40	19.66	139.40	17.82	129.60	16.18	125.00	15.04	120.20	13.96
	-1.8	-2.2	169.00	22.54	149.40	18.90	139.40	17.14	129.60	15.56	125.00	14.46	120.20	13.42
	2.0	1.0	169.00	20.82	149.40	17.46	139.40	15.84	129.60	14.38	125.00	13.38	120.20	12.42
	6.0	5.0	169.00	18.52	149.40	15.54	139.40	14.10	129.60	12.82	125.00	11.92	120.20	11.08
	10.0	9.0	169.00	17.14	149.40	14.40	139.40	13.08	129.60	11.88	125.00	11.04	120.20	10.28
	13.0	12.0	169.00	16.48	149.40	13.86	139.40	12.60	129.60	11.44	125.00	10.64	120.20	9.90
	17.0	15.0	169.00	14.72	149.40	12.40	139.40	11.28	129.60	10.26	125.00	9.54	120.20	8.88
	19.0	18.0	169.00	14.18	149.40	11.94	139.40	10.88	129.60	9.90	125.00	9.22	120.20	8.58
	23.0	21.0	169.00	13.18	149.40	11.12	139.40	10.14	129.60	9.22	125.00	8.60	120.20	8.00
	26.0	24.0	169.00	12.26	149.40	10.38	139.40	9.46	129.60	8.62	125.00	8.04	120.20	7.50
	30.0	28.0	169.00	11.44	149.40	9.70	139.40	8.86	129.60	8.08	125.00	7.54	120.20	7.04
	35.0	32.0	169.00	10.36	149.40	8.82	139.40	8.06	129.60	7.38	125.00	6.88	120.20	6.42
	39.0	36.0	169.00	9.72	149.40	8.30	139.40	7.60	129.60	6.96	125.00	6.50	120.20	6.08
	44.0	40.0	169.00	9.16	149.40	7.84	139.40	7.18	129.60	6.58	125.00	6.16	120.20	5.76
	47.0	43.0	169.00	8.90	149.40	7.62	139.40	7.00	129.60	6.42	125.00	6.00	120.20	5.62
	51.0	47.0	169.00	8.44	149.40	7.24	139.40	6.66	129.60	6.12	125.00	5.72	120.20	5.36
	54.0	50.0	169.00	8.02	149.40	6.90	139.40	6.36	129.60	5.86	125.00	5.48	120.20	5.14
	57.0	53.0	169.00	7.48	149.40	6.48	139.40	5.98	129.60	5.52	125.00	5.16	120.20	4.86
	60.0	56.0	169.00	7.18	149.40	6.22	139.40	5.76	129.60	5.32	125.00	4.98	120.20	4.68

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/VRC144L4M

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	147.80	28.66	130.60	24.04	122.00	21.90	113.40	19.82	109.40	18.38	105.20	17.18
	-17.8	-18.0	147.80	26.50	130.60	22.20	122.00	20.24	113.40	18.30	109.40	16.98	105.20	15.86
	-12.6	-13.0	147.80	23.52	130.60	19.72	122.00	17.96	113.40	16.26	109.40	15.08	105.20	14.08
	-7.1	-7.6	147.80	20.90	130.60	17.50	122.00	15.96	113.40	14.44	109.40	13.40	105.20	12.52
	-3.6	-4.0	147.80	19.30	130.60	16.18	122.00	14.74	113.40	13.34	109.40	12.38	105.20	11.56
	-1.8	-2.2	147.80	18.56	130.60	15.56	122.00	14.18	113.40	12.84	109.40	11.92	105.20	11.12
	2.0	1.0	147.80	17.16	130.60	14.38	122.00	13.12	113.40	11.88	109.40	11.02	105.20	10.30
	6.0	5.0	147.80	15.26	130.60	12.82	122.00	11.70	113.40	10.60	109.40	9.84	105.20	9.18
	10.0	9.0	147.80	14.14	130.60	11.88	122.00	10.84	113.40	9.84	109.40	9.14	105.20	8.54
	13.0	12.0	147.80	13.60	130.60	11.44	122.00	10.46	113.40	9.48	109.40	8.80	105.20	8.22
	17.0	15.0	147.80	12.18	130.60	10.26	122.00	9.38	113.40	8.52	109.40	7.92	105.20	7.40
	19.0	18.0	147.80	11.74	130.60	9.90	122.00	9.06	113.40	8.22	109.40	7.64	105.20	7.14
	23.0	21.0	147.80	10.92	130.60	9.22	122.00	8.44	113.40	7.68	109.40	7.14	105.20	6.68
	26.0	24.0	147.80	10.20	130.60	8.62	122.00	7.90	113.40	7.20	109.40	6.70	105.20	6.26
	30.0	28.0	147.80	9.54	130.60	8.08	122.00	7.42	113.40	6.76	109.40	6.30	105.20	5.88
	35.0	32.0	147.80	8.66	130.60	7.38	122.00	6.78	113.40	6.18	109.40	5.76	105.20	5.40
	39.0	36.0	147.80	8.16	130.60	6.96	122.00	6.40	113.40	5.86	109.40	5.46	105.20	5.10
	44.0	40.0	147.80	7.70	130.60	6.58	122.00	6.08	113.40	5.56	109.40	5.18	105.20	4.86
	47.0	43.0	147.80	7.50	130.60	6.42	122.00	5.92	113.40	5.42	109.40	5.06	105.20	4.74
	51.0	47.0	147.80	7.14	130.60	6.12	122.00	5.66	113.40	5.18	109.40	4.84	105.20	4.54
	54.0	50.0	147.80	6.80	130.60	5.86	122.00	5.42	113.40	4.96	109.40	4.64	105.20	4.36
	57.0	53.0	147.80	6.38	130.60	5.52	122.00	5.10	113.40	4.70	109.40	4.40	105.20	4.12
	60.0	56.0	147.80	6.14	130.60	5.32	122.00	4.92	113.40	4.54	109.40	4.26	105.20	3.98
60	-21.8	-22.0	126.80	23.16	112.00	19.46	104.60	17.70	97.20	16.02	93.80	14.92	90.20	13.88
	-17.8	-18.0	126.80	21.40	112.00	17.98	104.60	16.34	97.20	14.80	93.80	13.78	90.20	12.82
	-12.6	-13.0	126.80	19.00	112.00	15.96	104.60	14.52	97.20	13.14	93.80	12.24	90.20	11.38
	-7.1	-7.6	126.80	16.86	112.00	14.18	104.60	12.90	97.20	11.68	93.80	10.88	90.20	10.12
	-3.6	-4.0	126.80	15.58	112.00	13.10	104.60	11.92	97.20	10.80	93.80	10.06	90.20	9.36
	-1.8	-2.2	126.80	14.98	112.00	12.60	104.60	11.46	97.20	10.38	93.80	9.68	90.20	9.00
	2.0	1.0	126.80	13.86	112.00	11.66	104.60	10.62	97.20	9.62	93.80	8.96	90.20	8.34
	6.0	5.0	126.80	12.36	112.00	10.40	104.60	9.48	97.20	8.58	93.80	8.00	90.20	7.46
	10.0	9.0	126.80	11.46	112.00	9.66	104.60	8.80	97.20	7.98	93.80	7.44	90.20	6.92
	13.0	12.0	126.80	11.04	112.00	9.30	104.60	8.48	97.20	7.70	93.80	7.18	90.20	6.68
	17.0	15.0	126.80	9.90	112.00	8.36	104.60	7.62	97.20	6.92	93.80	6.46	90.20	6.02
	19.0	18.0	126.80	9.54	112.00	8.06	104.60	7.36	97.20	6.70	93.80	6.24	90.20	5.82
	23.0	21.0	126.80	8.90	112.00	7.54	104.60	6.90	97.20	6.26	93.80	5.86	90.20	5.46
	26.0	24.0	126.80	8.34	112.00	7.06	104.60	6.46	97.20	5.88	93.80	5.50	90.20	5.12
	30.0	28.0	126.80	7.82	112.00	6.64	104.60	6.08	97.20	5.54	93.80	5.18	90.20	4.82
	35.0	32.0	126.80	7.14	112.00	6.06	104.60	5.58	97.20	5.08	93.80	4.76	90.20	4.44
	39.0	36.0	126.80	6.74	112.00	5.74	104.60	5.28	97.20	4.82	93.80	4.52	90.20	4.22
	44.0	40.0	126.80	6.38	112.00	5.46	104.60	5.02	97.20	4.58	93.80	4.30	90.20	4.02
	47.0	43.0	126.80	6.22	112.00	5.32	104.60	4.90	97.20	4.48	93.80	4.20	90.20	3.92
	51.0	47.0	126.80	5.94	112.00	5.08	104.60	4.70	97.20	4.30	93.80	4.02	90.20	3.76
	54.0	50.0	126.80	5.68	112.00	4.88	104.60	4.50	97.20	4.12	93.80	3.88	90.20	3.62
	57.0	53.0	126.80	5.36	112.00	4.60	104.60	4.26	97.20	3.92	93.80	3.68	90.20	3.44
	60.0	56.0	126.80	5.16	112.00	4.46	104.60	4.12	97.20	3.80	93.80	3.56	90.20	3.34
50	-21.8	-22.0	105.60	18.12	93.40	15.20	87.20	13.86	81.00	12.52	78.00	11.72	75.20	10.92
	-17.8	-18.0	105.60	16.74	93.40	14.04	87.20	12.80	81.00	11.56	78.00	10.82	75.20	10.08
	-12.6	-13.0	105.60	14.86	93.40	12.48	87.20	11.36	81.00	10.28	78.00	9.62	75.20	8.96
	-7.1	-7.6	105.60	13.20	93.40	11.08	87.20	10.10	81.00	9.14	78.00	8.54	75.20	7.96
	-3.6	-4.0	105.60	12.20	93.40	10.24	87.20	9.34	81.00	8.46	78.00	7.90	75.20	7.36
	-1.8	-2.2	105.60	11.74	93.40	9.86	87.20	9.00	81.00	8.14	78.00	7.62	75.20	7.10
	2.0	1.0	105.60	10.86	93.40	9.14	87.20	8.32	81.00	7.54	78.00	7.06	75.20	6.58
	6.0	5.0	105.60	9.70	93.40	8.16	87.20	7.44	81.00	6.74	78.00	6.32	75.20	5.88
	10.0	9.0	105.60	9.00	93.40	7.58	87.20	6.92	81.00	6.28	78.00	5.88	75.20	5.48
	13.0	12.0	105.60	8.68	93.40	7.32	87.20	6.68	81.00	6.06	78.00	5.68	75.20	5.28
	17.0	15.0	105.60	7.80	93.40	6.58	87.20	6.02	81.00	5.46	78.00	5.12	75.20	4.78
	19.0	18.0	105.60	7.54	93.40	6.36	87.20	5.82	81.00	5.28	78.00	4.96	75.20	4.62
	23.0	21.0	105.60	7.04	93.40	5.96	87.20	5.46	81.00	4.96	78.00	4.64	75.20	4.34
	26.0	24.0	105.60	6.60	93.40	5.60	87.20	5.12	81.00	4.66	78.00	4.38	75.20	4.08
	30.0	28.0	105.60	6.20	93.40	5.28	87.20	4.84	81.00	4.40	78.00	4.12	75.20	3.86
	35.0	32.0	105.60	5.68	93.40	4.84	87.20	4.44	81.00	4.06	78.00	3.80	75.20	3.56
	39.0	36.0	105.60	5.38	93.40	4.60	87.20	4.22	81.00	3.86	78.00	3.62	75.20	3.38
	44.0	40.0	105.60	5.12	93.40	4.38	87.20	4.04	81.00	3.68	78.00	3.46	75.20	3.22
	47.0	43.0	105.60	5.00	93.40	4.28	87.20	3.94	81.00	3.60	78.00	3.38	75.20	3.16
	51.0	47.0	105.60	4.78	93.40	4.10	87.20	3.78	81.00	3.46	78.00	3.24	75.20	3.04
	54.0	50.0	105.60	4.60	93.40	3.94	87.20	3.64	81.00	3.34	78.00	3.14	75.20	2.92
	57.0	53.0	105.60	4.34	93.40	3.74	87.20	3.46	81.00	3.18	78.00	2.98	75.20	2.80
	60.0	56.0	105.60	4.20	93.40	3.64	87.20	3.36	81.00	3.08	78.00	2.90	75.20	2.72

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/VRC168L4M

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	141.90	2.55	172.50	3.56	203.10	4.53	218.40	5.12	249.00	5.94	283.36	6.48	313.17	7.31
	10	141.90	2.69	172.50	3.71	203.10	4.69	218.40	5.28	249.00	6.09	280.56	6.62	310.07	7.42
	14	141.90	2.83	172.50	3.87	203.10	4.86	218.40	5.44	249.00	6.25	277.78	6.76	307.00	7.53
	23	141.90	2.98	172.50	4.03	203.10	5.03	218.40	5.61	249.00	6.41	275.03	6.90	303.96	7.65
	27	141.90	3.14	172.50	4.20	203.10	5.21	218.40	5.78	249.00	6.57	272.31	7.04	300.95	7.77
	32	141.90	3.30	172.50	4.37	203.10	5.40	218.40	5.96	249.00	6.74	269.62	7.18	297.97	7.89
	37	141.90	3.47	172.50	4.55	203.10	5.59	218.40	6.15	249.00	6.91	266.94	7.32	295.02	8.01
	41	141.90	3.66	172.50	4.74	203.10	5.80	218.40	6.34	249.00	7.09	264.30	7.47	292.10	8.13
	46	141.90	3.75	172.50	4.83	203.10	5.91	218.40	6.45	249.00	7.23	264.30	7.63	290.70	8.28
	50	141.90	3.84	172.50	4.91	203.10	6.01	218.40	6.55	249.00	7.36	264.30	7.77	289.30	8.40
	54	141.90	3.96	172.50	5.05	203.10	6.15	218.40	6.69	249.00	7.52	264.30	7.95	287.70	8.57
	57	141.90	4.10	172.50	5.19	203.10	6.29	218.40	6.86	249.00	7.74	264.30	8.20	286.00	8.77
	61	141.90	4.22	172.50	5.35	203.10	6.50	218.40	7.08	249.00	7.99	264.30	8.46	284.40	9.02
	64	141.90	4.43	172.50	5.56	203.10	6.72	218.40	7.31	249.00	8.27	264.30	8.79	282.70	9.34
	68	141.90	4.60	172.50	5.77	203.10	6.98	218.40	7.61	249.00	8.64	263.50	9.16	280.90	9.80
	72	141.90	4.81	172.50	6.02	203.10	7.28	218.40	7.96	249.00	9.10	262.60	9.64	279.30	10.34
	75	141.90	5.05	172.50	6.27	203.10	7.66	218.40	8.40	249.00	9.67	261.60	10.21	277.60	11.00
	79	141.90	5.23	172.50	6.63	203.10	8.11	218.40	8.96	249.00	10.32	260.60	10.90	276.00	11.81
	82	141.90	5.60	172.50	7.00	203.10	8.67	218.40	9.57	248.90	11.13	259.70	11.73	274.30	12.64
	86	141.90	5.87	172.50	7.49	203.10	9.27	218.40	10.32	248.00	11.97	258.00	12.54	272.50	13.58
	90	141.90	6.30	172.50	7.99	203.10	10.07	218.40	11.19	247.00	12.80	256.40	13.40	270.90	14.64
	93	141.90	6.73	172.50	8.72	203.10	10.91	218.40	12.02	246.00	13.76	254.70	14.43	269.20	15.70
	95	141.90	6.98	172.50	9.12	203.10	11.31	218.40	12.44	245.60	14.31	253.80	14.98	268.30	16.06
	99	141.90	7.75	172.50	9.90	203.10	12.14	218.40	13.46	244.60	15.45	252.20	16.06	266.70	16.37
	102	141.90	8.49	172.50	10.65	203.10	13.22	218.40	14.62	242.50	16.52	248.10	16.52	252.00	15.69
	106	141.90	9.21	172.50	11.62	203.10	14.40	218.40	15.86	229.30	16.05	230.20	15.54	232.60	14.63
	111	141.90	10.56	172.50	13.33	196.20	15.73	197.70	15.37	199.50	14.35	200.70	13.89	203.60	13.05
	115	141.90	11.64	171.30	14.70	176.90	14.59	177.30	14.16	179.50	13.22	181.00	12.80	184.30	11.99
	118	141.90	12.96	155.70	14.24	156.10	13.36	156.80	12.96	159.60	12.09	161.30	11.69	164.90	10.94
	120	141.00	13.82	144.90	13.58	145.80	12.75	146.50	12.35	149.70	11.53	151.40	11.15	155.20	10.41
	122	132.60	13.27	136.20	13.04	137.10	12.24	137.70	11.86	140.70	11.06	142.30	10.70	145.90	9.99
120	5	131.10	2.39	159.30	3.29	187.50	4.15	201.60	4.69	229.80	5.43	243.90	5.93	291.73	6.78
	10	131.10	2.51	159.30	3.43	187.50	4.30	201.60	4.83	229.80	5.57	243.90	6.05	288.84	6.88
	14	131.10	2.65	159.30	3.57	187.50	4.46	201.60	4.98	229.80	5.71	243.90	6.17	285.98	6.98
	23	131.10	2.79	159.30	3.72	187.50	4.62	201.60	5.14	229.80	5.85	243.90	6.29	283.14	7.08
	27	131.10	2.93	159.30	3.88	187.50	4.79	201.60	5.30	229.80	6.00	243.90	6.41	280.34	7.19
	32	131.10	3.09	159.30	4.04	187.50	4.96	201.60	5.46	229.80	6.16	243.90	6.55	277.57	7.30
	37	131.10	3.25	159.30	4.21	187.50	5.14	201.60	5.63	229.80	6.32	243.90	6.69	274.82	7.41
	41	131.10	3.42	159.30	4.38	187.50	5.33	201.60	5.80	229.80	6.48	243.90	6.83	272.10	7.52
	46	131.10	3.49	159.30	4.46	187.50	5.42	201.60	5.89	229.80	6.60	243.90	6.95	272.10	7.68
	50	131.10	3.58	159.30	4.53	187.50	5.50	201.60	5.98	229.80	6.71	243.90	7.07	272.10	7.82
	54	131.10	3.67	159.30	4.64	187.50	5.61	201.60	6.10	229.80	6.84	243.90	7.22	272.10	8.00
	57	131.10	3.78	159.30	4.76	187.50	5.74	201.60	6.24	229.80	7.02	243.90	7.42	272.10	8.25
	61	131.10	3.89	159.30	4.88	187.50	5.91	201.60	6.43	229.80	7.24	243.90	7.66	272.10	8.51
	64	131.10	4.05	159.30	5.06	187.50	6.10	201.60	6.63	229.80	7.47	243.90	7.92	272.10	8.86
	68	131.10	4.18	159.30	5.23	187.50	6.32	201.60	6.88	229.80	7.78	243.90	8.27	271.80	9.27
	72	131.10	4.34	159.30	5.44	187.50	6.58	201.60	7.18	229.80	8.17	243.90	8.70	270.90	9.80
	75	131.10	4.55	159.30	5.68	187.50	6.91	201.60	7.57	229.80	8.67	243.90	9.26	269.90	10.43
	79	131.10	4.74	159.30	6.00	187.50	7.33	201.60	8.06	229.80	9.26	243.90	9.92	269.00	11.21
	82	131.10	5.07	159.30	6.35	187.50	7.82	201.60	8.63	229.80	9.96	243.90	10.70	268.00	12.04
	86	131.10	5.34	159.30	6.77	187.50	8.37	201.60	9.29	229.80	10.79	243.90	11.57	266.80	12.91
	90	131.10	5.71	159.30	7.24	187.50	9.07	201.60	10.09	229.80	11.64	243.90	12.47	265.10	13.80
	93	131.10	6.08	159.30	7.85	187.50	9.85	201.60	10.91	229.80	12.54	243.90	13.45	263.40	14.81
	95	131.10	6.30	159.30	8.20	187.50	10.23	201.60	11.32	229.80	13.03	243.40	13.96	262.60	15.30
	99	131.10	6.95	159.30	8.91	187.50	11.05	201.60	12.21	229.80	14.10	242.40	14.99	260.90	16.17
	102	131.10	7.61	159.30	9.66	187.50	11.99	201.60	13.22	229.80	15.22	240.80	15.93	248.60	15.67
	106	131.10	8.30	159.30	10.55	187.50	13.01	201.60	14.30	224.00	15.70	226.30	15.39	229.20	14.61
	111	131.10	9.59	159.30	12.07	186.40	14.57	193.00	14.98	195.30	14.14	196.70	13.75	200.20	13.03
	115	131.10	10.58	159.20	13.23	171.70	14.07	172.60	13.83	175.40	13.01	177.10	12.65	180.80	11.97
	118	131.10	11.71	149.30	13.36	151.20	12.87	152.20	12.63	155.60	11.88	157.50	11.55	161.50	10.92
	120	131.10	12.40	139.10	12.77	140.90	12.26	141.90	12.02	145.60	11.32	147.50	11.00	151.80	10.39
	122	123.20	11.90	130.70	12.26	132.50	11.77	133.40	11.54	136.90	10.87	138.60	10.56	142.70	9.97

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/VRC168L4M

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	2.21	146.00	3.00	171.90	3.79	184.80	4.24	210.70	4.95	223.60	5.38	249.50	6.13
	10	120.10	2.33	146.00	3.12	171.90	3.93	184.80	4.38	210.70	5.07	223.60	5.49	249.50	6.22
	14	120.10	2.45	146.00	3.26	171.90	4.07	184.80	4.52	210.70	5.19	223.60	5.60	249.50	6.31
	23	120.10	2.57	146.00	3.40	171.90	4.21	184.80	4.66	210.70	5.33	223.60	5.72	249.50	6.41
	27	120.10	2.71	146.00	3.54	171.90	4.36	184.80	4.80	210.70	5.47	223.60	5.84	249.50	6.51
	32	120.10	2.85	146.00	3.69	171.90	4.52	184.80	4.95	210.70	5.61	223.60	5.96	249.50	6.61
	37	120.10	3.00	146.00	3.85	171.90	4.68	184.80	5.10	210.70	5.75	223.60	6.08	249.50	6.71
	41	120.10	3.16	146.00	4.01	171.90	4.85	184.80	5.26	210.70	5.89	223.60	6.20	249.50	6.81
	46	120.10	3.25	146.00	4.08	171.90	4.93	184.80	5.35	210.70	5.98	223.60	6.29	249.50	6.93
	50	120.10	3.30	146.00	4.15	171.90	5.00	184.80	5.42	210.70	6.06	223.60	6.39	249.50	7.04
	54	120.10	3.37	146.00	4.22	171.90	5.09	184.80	5.52	210.70	6.18	223.60	6.51	249.50	7.19
	57	120.10	3.46	146.00	4.32	171.90	5.19	184.80	5.63	210.70	6.32	223.60	6.67	249.50	7.38
	61	120.10	3.54	146.00	4.43	171.90	5.33	184.80	5.79	210.70	6.50	223.60	6.86	249.50	7.61
	64	120.10	3.66	146.00	4.55	171.90	5.49	184.80	5.96	210.70	6.71	223.60	7.09	249.50	7.89
	68	120.10	3.75	146.00	4.69	171.90	5.66	184.80	6.17	210.70	6.97	223.60	7.38	249.50	8.25
	72	120.10	3.87	146.00	4.87	171.90	5.90	184.80	6.43	210.70	7.29	223.60	7.74	249.50	8.70
	75	120.10	4.06	146.00	5.09	171.90	6.19	184.80	6.76	210.70	7.70	223.60	8.20	249.50	9.29
	79	120.10	4.26	146.00	5.37	171.90	6.55	184.80	7.18	210.70	8.22	223.60	8.79	249.50	10.01
	82	120.10	4.55	146.00	5.70	171.90	6.98	184.80	7.70	210.70	8.86	223.60	9.49	249.50	10.82
	86	120.10	4.81	146.00	6.08	171.90	7.51	184.80	8.32	210.70	9.59	223.60	10.27	249.50	11.71
	90	120.10	5.12	146.00	6.49	171.90	8.11	184.80	9.03	210.70	10.39	223.60	11.11	249.50	12.60
	93	120.10	5.42	146.00	7.00	171.90	8.81	184.80	9.78	210.70	11.24	223.60	11.97	249.50	13.52
	95	120.10	5.63	146.00	7.31	171.90	9.17	184.80	10.20	210.70	11.66	223.60	12.42	249.50	14.02
	99	120.10	6.13	146.00	7.95	171.90	9.97	184.80	11.03	210.70	12.57	223.60	13.36	248.60	15.00
100	102	120.10	6.72	146.00	8.68	171.90	10.82	184.80	11.93	210.70	13.53	223.60	14.37	244.80	15.65
	106	120.10	7.38	146.00	9.50	171.90	11.72	184.80	12.85	210.50	14.52	220.30	15.04	225.90	14.59
	111	120.10	8.63	146.00	10.85	171.90	13.16	183.90	14.17	191.20	13.93	192.90	13.62	196.80	13.01
	115	120.10	9.52	146.00	11.81	166.10	13.45	168.00	13.49	171.30	12.82	173.20	12.51	177.40	11.95
	118	120.10	10.46	142.10	12.35	146.30	12.37	147.50	12.28	151.40	11.69	153.50	11.41	158.00	10.89
	120	120.10	10.98	133.00	11.94	135.80	11.76	137.40	11.68	141.40	11.12	143.70	10.86	148.40	10.37
	122	112.90	10.54	125.00	11.47	127.60	11.29	129.20	11.21	133.00	10.67	135.10	10.43	139.50	9.95
	5	109.20	2.04	132.70	2.75	156.30	3.41	168.00	3.83	191.50	4.42	203.30	4.83	226.80	5.49
	10	109.20	2.15	132.70	2.87	156.30	3.53	168.00	3.95	191.50	4.54	203.30	4.93	226.80	5.58
	14	109.20	2.26	132.70	2.99	156.30	3.65	168.00	4.07	191.50	4.66	203.30	5.03	226.80	5.67
	23	109.20	2.38	132.70	3.11	156.30	3.79	168.00	4.19	191.50	4.78	203.30	5.13	226.80	5.76
	27	109.20	2.50	132.70	3.23	156.30	3.93	168.00	4.31	191.50	4.90	203.30	5.23	226.80	5.85
	32	109.20	2.64	132.70	3.37	156.30	4.07	168.00	4.45	191.50	5.02	203.30	5.34	226.80	5.94
	37	109.20	2.78	132.70	3.51	156.30	4.21	168.00	4.59	191.50	5.14	203.30	5.45	226.80	6.03
	41	109.20	2.92	132.70	3.65	156.30	4.36	168.00	4.73	191.50	5.28	203.30	5.56	226.80	6.12
	46	109.20	3.00	132.70	3.72	156.30	4.44	168.00	4.80	191.50	5.36	203.30	5.64	226.80	6.20
	50	109.20	3.04	132.70	3.77	156.30	4.50	168.00	4.86	191.50	5.42	203.30	5.71	226.80	6.29
	54	109.20	3.09	132.70	3.82	156.30	4.57	168.00	4.94	191.50	5.52	203.30	5.82	226.80	6.41
	57	109.20	3.13	132.70	3.89	156.30	4.65	168.00	5.04	191.50	5.63	203.30	5.94	226.80	6.56
	61	109.20	3.19	132.70	3.96	156.30	4.76	168.00	5.16	191.50	5.78	203.30	6.10	226.80	6.74
	64	109.20	3.27	132.70	4.06	156.30	4.88	168.00	5.30	191.50	5.95	203.30	6.29	226.80	6.98
	68	109.20	3.33	132.70	4.15	156.30	5.02	168.00	5.47	191.50	6.17	203.30	6.53	226.80	7.27
	72	109.20	3.41	132.70	4.29	156.30	5.23	168.00	5.70	191.50	6.44	203.30	6.83	226.80	7.64
	75	109.20	3.56	132.70	4.50	156.30	5.47	168.00	5.97	191.50	6.79	203.30	7.21	226.80	8.11
	79	109.20	3.77	132.70	4.76	156.30	5.79	168.00	6.32	191.50	7.22	203.30	7.70	226.80	8.72
	82	109.20	4.02	132.70	5.05	156.30	6.17	168.00	6.78	191.50	7.80	203.30	8.34	226.80	9.47
	86	109.20	4.29	132.70	5.39	156.30	6.65	168.00	7.36	191.50	8.46	203.30	9.05	226.80	10.26
	90	109.20	4.53	132.70	5.75	156.30	7.19	168.00	8.01	191.50	9.19	203.30	9.80	226.80	11.13
	93	109.20	4.78	132.70	6.19	156.30	7.80	168.00	8.69	191.50	9.97	203.30	10.63	226.80	11.92
	95	109.20	4.94	132.70	6.43	156.30	8.13	168.00	9.05	191.50	10.40	203.30	11.03	226.80	12.31
	99	109.20	5.32	132.70	7.00	156.30	8.91	168.00	9.92	191.50	11.19	203.30	11.83	226.80	13.15
	102	109.20	5.83	132.70	7.70	156.30	9.71	168.00	10.71	191.50	12.00	203.30	12.67	226.80	14.07
	106	109.20	6.48	132.70	8.49	156.30	10.49	168.00	11.50	191.50	12.86	203.30	13.57	222.40	14.57
	111	109.20	7.67	132.70	9.68	156.30	11.71	168.00	12.77	186.50	13.58	189.00	13.48	193.40	12.99
	115	109.20	8.46	132.70	10.46	156.30	12.54	163.40	13.15	167.10	12.61	169.40	12.37	174.10	11.93
	118	109.20	9.19	132.70	11.24	141.30	11.88	143.00	11.95	147.30	11.48	149.60	11.27	154.70	10.88
	120	109.20	9.57	126.70	11.06	130.90	11.27	132.70	11.34	137.40	10.91	139.80	10.72	145.00	10.35
	122	102.70	9.19	119.10	10.62	123.00	10.82	124.80	10.89	129.20	10.47	131.40	10.29	136.30	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/VRC168L4M

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	1.84	119.50	2.46	140.70	3.04	151.20	3.42	172.40	3.95	182.90	4.30	204.10	4.92
	10	98.30	1.94	119.50	2.56	140.70	3.15	151.20	3.52	172.40	4.05	182.90	4.39	204.10	4.99
	14	98.30	2.04	119.50	2.67	140.70	3.27	151.20	3.63	172.40	4.15	182.90	4.48	204.10	5.06
	23	98.30	2.15	119.50	2.78	140.70	3.39	151.20	3.74	172.40	4.25	182.90	4.57	204.10	5.13
	27	98.30	2.27	119.50	2.90	140.70	3.51	151.20	3.86	172.40	4.36	182.90	4.66	204.10	5.20
	32	98.30	2.39	119.50	3.02	140.70	3.63	151.20	3.98	172.40	4.47	182.90	4.75	204.10	5.28
	37	98.30	2.51	119.50	3.14	140.70	3.77	151.20	4.10	172.40	4.59	182.90	4.85	204.10	5.36
	41	98.30	2.65	119.50	3.28	140.70	3.91	151.20	4.22	172.40	4.71	182.90	4.95	204.10	5.44
	46	98.30	2.72	119.50	3.35	140.70	3.98	151.20	4.29	172.40	4.78	182.90	5.02	204.10	5.51
	50	98.30	2.78	119.50	3.40	140.70	4.03	151.20	4.36	172.40	4.84	182.90	5.09	204.10	5.58
	54	98.30	2.82	119.50	3.46	140.70	4.10	151.20	4.41	172.40	4.92	182.90	5.16	204.10	5.66
	57	98.30	2.87	119.50	3.51	140.70	4.17	151.20	4.50	172.40	5.01	182.90	5.26	204.10	5.79
	61	98.30	2.92	119.50	3.59	140.70	4.26	151.20	4.60	172.40	5.13	182.90	5.40	204.10	5.94
	64	98.30	2.99	119.50	3.67	140.70	4.37	151.20	4.72	172.40	5.28	182.90	5.56	204.10	6.13
	68	98.30	3.04	119.50	3.75	140.70	4.50	151.20	4.88	172.40	5.46	182.90	5.77	204.10	6.38
	72	98.30	3.11	119.50	3.88	140.70	4.67	151.20	5.07	172.40	5.70	182.90	6.02	204.10	6.69
	75	98.30	3.25	119.50	4.05	140.70	4.88	151.20	5.30	172.40	5.98	182.90	6.34	204.10	7.07
	79	98.30	3.41	119.50	4.26	140.70	5.14	151.20	5.59	172.40	6.34	182.90	6.72	204.10	7.52
	82	98.30	3.61	119.50	4.50	140.70	5.46	151.20	5.96	172.40	6.77	182.90	7.19	204.10	8.08
	86	98.30	3.81	119.50	4.78	140.70	5.84	151.20	6.41	172.40	7.31	182.90	7.77	204.10	8.74
	90	98.30	4.03	119.50	5.09	140.70	6.29	151.20	6.93	172.40	7.90	182.90	8.39	204.10	9.43
	93	98.30	4.25	119.50	5.47	140.70	6.81	151.20	7.50	172.40	8.54	182.90	9.08	204.10	10.18
	95	98.30	4.41	119.50	5.70	140.70	7.09	151.20	7.82	172.40	8.90	182.90	9.45	204.10	10.55
	99	98.30	4.78	119.50	6.20	140.70	7.73	151.20	8.54	172.40	9.64	182.90	10.18	204.10	11.29
	102	98.30	5.28	119.50	6.83	140.70	8.44	151.20	9.26	172.40	10.37	182.90	10.94	204.10	12.09
	106	98.30	5.89	119.50	7.49	140.70	9.16	151.20	10.02	172.40	11.19	182.90	11.78	204.10	13.01
	111	98.30	6.85	119.50	8.58	140.70	10.37	151.20	11.29	172.00	12.47	180.60	12.89	190.00	12.96
	115	98.30	7.58	119.50	9.35	140.40	11.22	150.30	12.12	160.60	12.26	163.80	12.14	170.60	11.91
	118	98.30	8.29	118.20	10.06	130.20	11.08	134.20	11.38	140.70	11.13	144.20	11.03	151.20	10.86
	120	98.30	8.70	112.00	9.89	120.00	10.49	123.90	10.77	130.70	10.56	134.30	10.48	141.60	10.32
	122	92.40	8.35	105.30	9.49	112.80	10.07	116.50	10.34	122.80	10.14	126.20	10.06	133.10	9.90
80	5	87.30	1.60	106.20	2.11	125.00	2.60	134.40	2.90	153.30	3.34	162.60	3.66	181.50	4.13
	10	87.30	1.69	106.20	2.21	125.00	2.71	134.40	3.00	153.30	3.44	162.60	3.75	181.50	4.22
	14	87.30	1.79	106.20	2.31	125.00	2.82	134.40	3.11	153.30	3.55	162.60	3.84	181.50	4.31
	23	87.30	1.89	106.20	2.42	125.00	2.94	134.40	3.23	153.30	3.66	162.60	3.94	181.50	4.40
	27	87.30	2.00	106.20	2.54	125.00	3.06	134.40	3.35	153.30	3.78	162.60	4.04	181.50	4.49
	32	87.30	2.12	106.20	2.66	125.00	3.18	134.40	3.47	153.30	3.90	162.60	4.14	181.50	4.58
	37	87.30	2.24	106.20	2.78	125.00	3.32	134.40	3.59	153.30	4.02	162.60	4.24	181.50	4.67
	41	87.30	2.38	106.20	2.92	125.00	3.46	134.40	3.73	153.30	4.14	162.60	4.35	181.50	4.76
	46	87.30	2.45	106.20	2.99	125.00	3.53	134.40	3.79	153.30	4.21	162.60	4.41	181.50	4.83
	50	87.30	2.50	106.20	3.04	125.00	3.58	134.40	3.84	153.30	4.26	162.60	4.46	181.50	4.88
	54	87.30	2.55	106.20	3.09	125.00	3.63	134.40	3.89	153.30	4.32	162.60	4.53	181.50	4.95
	57	87.30	2.59	106.20	3.14	125.00	3.69	134.40	3.96	153.30	4.39	162.60	4.60	181.50	5.04
	61	87.30	2.65	106.20	3.21	125.00	3.77	134.40	4.05	153.30	4.50	162.60	4.72	181.50	5.17
	64	87.30	2.71	106.20	3.28	125.00	3.86	134.40	4.15	153.30	4.62	162.60	4.85	181.50	5.33
	68	87.30	2.75	106.20	3.35	125.00	3.96	134.40	4.28	153.30	4.77	162.60	5.02	181.50	5.52
	72	87.30	2.81	106.20	3.46	125.00	4.11	134.40	4.45	153.30	4.97	162.60	5.24	181.50	5.78
	75	87.30	2.90	106.20	3.58	125.00	4.29	134.40	4.64	153.30	5.21	162.60	5.51	181.50	6.10
	79	87.30	3.02	106.20	3.75	125.00	4.50	134.40	4.88	153.30	5.51	162.60	5.84	181.50	6.48
	82	87.30	3.16	106.20	3.94	125.00	4.76	134.40	5.18	153.30	5.85	162.60	6.20	181.50	6.89
	86	87.30	3.32	106.20	4.17	125.00	5.06	134.40	5.52	153.30	6.25	162.60	6.62	181.50	7.38
	90	87.30	3.51	106.20	4.43	125.00	5.42	134.40	5.92	153.30	6.72	162.60	7.12	181.50	7.95
	93	87.30	3.72	106.20	4.76	125.00	5.83	134.40	6.38	153.30	7.24	162.60	7.68	181.50	8.57
	95	87.30	3.88	106.20	4.95	125.00	6.06	134.40	6.64	153.30	7.52	162.60	7.97	181.50	8.89
	99	87.30	4.24	106.20	5.40	125.00	6.60	134.40	7.22	153.30	8.15	162.60	8.62	181.50	9.55
	102	87.30	4.71	106.20	5.94	125.00	7.21	134.40	7.87	153.30	8.82	162.60	9.29	181.50	10.27
	106	87.30	5.18	106.20	6.48	125.00	7.85	134.40	8.55	153.30	9.55	162.60	10.04	181.50	11.03
	111	87.30	5.99	106.20	7.48	125.00	9.01	134.40	9.79	153.30	10.84	162.60	11.36	181.50	12.40
	115	87.30	6.67	106.20	8.24	125.00	9.90	134.40	10.75	151.00	11.53	157.30	11.74	167.30	11.88
	118	87.30	7.44	104.00	8.93	118.50	10.20	125.30	10.80	134.20	10.79	138.60	10.80	147.90	10.84
	120	84.00	7.57	96.80	8.67	109.20	9.71	115.20	10.20	124.20	10.23	128.80	10.25	138.20	10.30
	122	78.90	7.27	91.00	8.32	102.70	9.33	108.30	9.80	116.70	9.82	121.10	9.84	129.90	9.89

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/VRC168L4M

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	76.50	1.42	92.90	1.86	109.40	2.27	117.60	2.54	134.10	2.92	142.30	3.16	158.70	3.59
	10	76.50	1.51	92.90	1.95	109.40	2.36	117.60	2.63	134.10	3.01	142.30	3.24	158.70	3.66
	14	76.50	1.60	92.90	2.04	109.40	2.46	117.60	2.72	134.10	3.10	142.30	3.32	158.70	3.73
	23	76.50	1.69	92.90	2.14	109.40	2.56	117.60	2.82	134.10	3.19	142.30	3.41	158.70	3.80
	27	76.50	1.79	92.90	2.24	109.40	2.67	117.60	2.92	134.10	3.29	142.30	3.50	158.70	3.87
	32	76.50	1.89	92.90	2.34	109.40	2.78	117.60	3.02	134.10	3.39	142.30	3.59	158.70	3.95
	37	76.50	2.00	92.90	2.45	109.40	2.90	117.60	3.13	134.10	3.49	142.30	3.68	158.70	4.03
	41	76.50	2.12	92.90	2.57	109.40	3.02	117.60	3.25	134.10	3.60	142.30	3.77	158.70	4.11
	46	76.50	2.17	92.90	2.62	109.40	3.08	117.60	3.32	134.10	3.65	142.30	3.82	158.70	4.17
	50	76.50	2.21	92.90	2.67	109.40	3.13	117.60	3.35	134.10	3.70	142.30	3.87	158.70	4.22
	54	76.50	2.26	92.90	2.71	109.40	3.18	117.60	3.40	134.10	3.75	142.30	3.92	158.70	4.27
	57	76.50	2.29	92.90	2.76	109.40	3.23	117.60	3.46	134.10	3.81	142.30	3.98	158.70	4.34
	61	76.50	2.34	92.90	2.81	109.40	3.28	117.60	3.52	134.10	3.89	142.30	4.07	158.70	4.43
	64	76.50	2.40	92.90	2.88	109.40	3.37	117.60	3.61	134.10	3.99	142.30	4.18	158.70	4.57
	68	76.50	2.43	92.90	2.94	109.40	3.46	117.60	3.72	134.10	4.12	142.30	4.32	158.70	4.73
	72	76.50	2.48	92.90	3.02	109.40	3.56	117.60	3.84	134.10	4.27	142.30	4.50	158.70	4.93
	75	76.50	2.54	92.90	3.11	109.40	3.70	117.60	4.00	134.10	4.47	142.30	4.71	158.70	5.19
	79	76.50	2.61	92.90	3.23	109.40	3.87	117.60	4.19	134.10	4.71	142.30	4.98	158.70	5.52
	82	76.50	2.71	92.90	3.39	109.40	4.08	117.60	4.43	134.10	4.99	142.30	5.28	158.70	5.85
	86	76.50	2.82	92.90	3.56	109.40	4.31	117.60	4.69	134.10	5.29	142.30	5.59	158.70	6.20
	90	76.50	2.99	92.90	3.77	109.40	4.58	117.60	4.99	134.10	5.65	142.30	5.99	158.70	6.67
	93	76.50	3.15	92.90	4.02	109.40	4.90	117.60	5.35	134.10	6.06	142.30	6.43	158.70	7.17
	95	76.50	3.29	92.90	4.19	109.40	5.09	117.60	5.56	134.10	6.31	142.30	6.69	158.70	7.45
	99	76.50	3.59	92.90	4.55	109.40	5.54	117.60	6.04	134.10	6.83	142.30	7.22	158.70	8.02
	102	76.50	4.01	92.90	5.02	109.40	6.06	117.60	6.58	134.10	7.40	142.30	7.82	158.70	8.65
	106	76.50	4.38	92.90	5.49	109.40	6.62	117.60	7.21	134.10	8.06	142.30	8.48	158.70	9.33
	111	76.50	5.05	92.90	6.34	109.40	7.66	117.60	8.32	134.10	9.19	142.30	9.61	158.70	10.48
60	5	65.50	1.20	79.60	1.56	93.80	1.89	100.80	2.11	114.90	2.30	122.00	2.42	136.10	2.61
	10	65.50	1.27	79.60	1.64	93.80	1.98	100.80	2.20	114.90	2.40	122.00	2.52	136.10	2.72
	14	65.50	1.35	79.60	1.73	93.80	2.07	100.80	2.29	114.90	2.50	122.00	2.62	136.10	2.84
	23	65.50	1.44	79.60	1.82	93.80	2.17	100.80	2.38	114.90	2.60	122.00	2.73	136.10	2.96
	27	65.50	1.53	79.60	1.91	93.80	2.27	100.80	2.48	114.90	2.71	122.00	2.85	136.10	3.08
	32	65.50	1.63	79.60	2.01	93.80	2.38	100.80	2.58	114.90	2.83	122.00	2.97	136.10	3.20
	37	65.50	1.73	79.60	2.11	93.80	2.49	100.80	2.69	114.90	2.95	122.00	3.09	136.10	3.34
	41	65.50	1.84	79.60	2.22	93.80	2.61	100.80	2.80	114.90	3.07	122.00	3.21	136.10	3.48
	46	65.50	1.89	79.60	2.27	93.80	2.66	100.80	2.85	114.90	3.12	122.00	3.26	136.10	3.53
	50	65.50	1.91	79.60	2.31	93.80	2.69	100.80	2.88	114.90	3.16	122.00	3.30	136.10	3.57
	54	65.50	1.95	79.60	2.34	93.80	2.73	100.80	2.93	114.90	3.20	122.00	3.34	136.10	3.61
	57	65.50	1.98	79.60	2.38	93.80	2.78	100.80	2.97	114.90	3.25	122.00	3.39	136.10	3.67
	61	65.50	2.01	79.60	2.41	93.80	2.82	100.80	3.02	114.90	3.31	122.00	3.46	136.10	3.75
	64	65.50	2.05	79.60	2.47	93.80	2.88	100.80	3.09	114.90	3.39	122.00	3.54	136.10	3.84
	68	65.50	2.10	79.60	2.52	93.80	2.95	100.80	3.16	114.90	3.49	122.00	3.65	136.10	3.98
	72	65.50	2.13	79.60	2.57	93.80	3.04	100.80	3.26	114.90	3.61	122.00	3.78	136.10	4.13
	75	65.50	2.17	79.60	2.66	93.80	3.14	100.80	3.39	114.90	3.77	122.00	3.96	136.10	4.34
	79	65.50	2.21	79.60	2.73	93.80	3.27	100.80	3.54	114.90	3.95	122.00	4.17	136.10	4.59
	82	65.50	2.28	79.60	2.85	93.80	3.42	100.80	3.72	114.90	4.17	122.00	4.40	136.10	4.87
	86	65.50	2.36	79.60	2.97	93.80	3.60	100.80	3.91	114.90	4.40	122.00	4.65	136.10	5.16
	90	65.50	2.49	79.60	3.13	93.80	3.79	100.80	4.13	114.90	4.67	122.00	4.95	136.10	5.51
	93	65.50	2.60	79.60	3.32	93.80	4.03	100.80	4.39	114.90	5.00	122.00	5.30	136.10	5.91
	95	65.50	2.71	79.60	3.44	93.80	4.19	100.80	4.57	114.90	5.19	122.00	5.51	136.10	6.15
	99	65.50	2.92	79.60	3.73	93.80	4.55	100.80	4.97	114.90	5.64	122.00	5.98	136.10	6.65
	102	65.50	3.25	79.60	4.12	93.80	4.99	100.80	5.44	114.90	6.13	122.00	6.49	136.10	7.21
	106	65.50	3.60	79.60	4.53	93.80	5.49	100.80	5.99	114.90	6.72	122.00	7.09	136.10	7.82
	111	65.50	4.17	79.60	5.26	93.80	6.38	100.80	6.95	114.90	7.69	122.00	8.06	136.10	8.79
	115	65.50	4.67	79.60	5.87	93.80	7.07	100.80	7.68	114.90	8.42	122.00	8.79	136.10	9.50
	118	65.50	5.45	79.30	6.71	93.50	7.96	100.80	8.58	112.10	9.20	117.80	9.47	129.50	9.95
	120	61.90	5.96	74.70	7.17	87.90	8.37	94.70	8.98	104.60	9.27	109.60	9.40	119.80	9.64
	122	58.20	5.72	70.20	6.88	82.60	8.04	89.10	8.62	98.30	8.90	103.00	9.02	112.60	9.26

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/VRC168L4M

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)	
	DB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	54.60	1.02	66.30	1.32	78.10	1.60	84.00	1.77	95.70	1.91	101.70	1.98	113.40	2.14
	10	54.60	1.09	66.30	1.39	78.10	1.67	84.00	1.84	95.70	1.99	101.70	2.07	113.40	2.23
	14	54.60	1.16	66.30	1.46	78.10	1.74	84.00	1.91	95.70	2.08	101.70	2.16	113.40	2.32
	23	54.60	1.23	66.30	1.53	78.10	1.82	84.00	1.99	95.70	2.17	101.70	2.25	113.40	2.42
	27	54.60	1.30	66.30	1.61	78.10	1.91	84.00	2.08	95.70	2.26	101.70	2.34	113.40	2.52
	32	54.60	1.38	66.30	1.70	78.10	2.00	84.00	2.17	95.70	2.35	101.70	2.44	113.40	2.62
	37	54.60	1.47	66.30	1.79	78.10	2.09	84.00	2.26	95.70	2.45	101.70	2.54	113.40	2.73
	41	54.60	1.56	66.30	1.88	78.10	2.19	84.00	2.35	95.70	2.55	101.70	2.64	113.40	2.85
	46	54.60	1.61	66.30	1.92	78.10	2.24	84.00	2.39	95.70	2.59	101.70	2.69	113.40	2.89
	50	54.60	1.63	66.30	1.95	78.10	2.26	84.00	2.42	95.70	2.62	101.70	2.73	113.40	2.93
	54	54.60	1.65	66.30	1.96	78.10	2.29	84.00	2.45	95.70	2.66	101.70	2.76	113.40	2.97
	57	54.60	1.65	66.30	1.99	78.10	2.33	84.00	2.49	95.70	2.70	101.70	2.81	113.40	3.02
	61	54.60	1.68	66.30	2.02	78.10	2.36	84.00	2.53	95.70	2.74	101.70	2.85	113.40	3.07
	64	54.60	1.72	66.30	2.07	78.10	2.41	84.00	2.58	95.70	2.80	101.70	2.92	113.40	3.14
	68	54.60	1.76	66.30	2.12	78.10	2.47	84.00	2.64	95.70	2.88	101.70	3.00	113.40	3.25
	72	54.60	1.79	66.30	2.16	78.10	2.52	84.00	2.71	95.70	2.97	101.70	3.10	113.40	3.37
	75	54.60	1.81	66.30	2.20	78.10	2.59	84.00	2.80	95.70	3.08	101.70	3.22	113.40	3.51
	79	54.60	1.84	66.30	2.26	78.10	2.69	84.00	2.92	95.70	3.23	101.70	3.39	113.40	3.70
	82	54.60	1.86	66.30	2.33	78.10	2.80	84.00	3.04	95.70	3.39	101.70	3.56	113.40	3.92
	86	54.60	1.91	66.30	2.42	78.10	2.92	84.00	3.18	95.70	3.56	101.70	3.76	113.40	4.15
	90	54.60	2.01	66.30	2.54	78.10	3.06	84.00	3.33	95.70	3.75	101.70	3.98	113.40	4.41
	93	54.60	2.10	66.30	2.66	78.10	3.23	84.00	3.51	95.70	3.99	101.70	4.24	113.40	4.73
	95	54.60	2.15	66.30	2.74	78.10	3.33	84.00	3.62	95.70	4.13	101.70	4.39	113.40	4.90
	99	54.60	2.34	66.30	2.97	78.10	3.62	84.00	3.96	95.70	4.50	101.70	4.78	113.40	5.35
	102	54.60	2.54	66.30	3.26	78.10	3.99	84.00	4.36	95.70	4.93	101.70	5.23	113.40	5.82
	106	54.60	2.88	66.30	3.63	78.10	4.41	84.00	4.81	95.70	5.43	101.70	5.75	113.40	6.36
	111	54.60	3.37	66.30	4.27	78.10	5.21	84.00	5.70	95.70	6.31	101.70	6.62	113.40	7.24
	115	54.60	3.77	66.30	4.76	78.10	5.77	84.00	6.29	95.70	6.91	101.70	7.22	113.40	7.82
	118	54.60	4.29	66.30	5.40	78.10	6.48	84.00	7.02	95.70	7.61	101.70	7.89	113.40	8.43
	120	54.60	4.81	66.30	5.89	78.10	6.95	84.00	7.47	92.60	8.02	97.60	8.28	108.70	8.77
	122	54.60	5.14	66.30	6.31	78.10	7.44	84.00	7.99	92.60	8.58	92.70	8.11	103.30	8.60

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/VRC168L4M

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	209.10	36.13	201.60	37.91	197.90	38.81	194.20	39.70	192.50	40.00	190.70	40.12
	-17.8	-18.0	220.50	36.72	213.00	38.51	209.30	39.40	205.60	40.30	203.80	40.59	202.00	40.71
	-12.6	-13.0	237.50	37.61	230.00	39.40	226.30	40.30	222.60	41.19	220.80	41.49	219.10	41.59
	-7.1	-7.6	254.50	38.51	247.10	40.30	243.30	41.19	239.60	42.08	236.00	42.38	228.00	41.25
	-3.6	-4.0	265.80	39.10	258.30	40.89	254.60	41.78	244.90	42.38	236.90	40.97	228.00	38.10
	-1.8	-2.2	271.60	39.40	264.10	41.19	260.40	42.08	245.40	41.96	236.90	39.38	228.00	36.62
	2.0	1.0	282.80	40.00	275.40	41.78	264.00	42.33	245.70	39.13	236.90	36.38	228.00	33.83
	6.0	5.0	299.90	40.89	282.70	41.85	264.40	38.36	245.70	34.74	236.90	32.31	228.00	30.05
	10.0	9.0	311.20	41.48	283.00	38.91	264.40	35.45	245.70	32.11	236.90	29.86	228.00	27.78
	13.0	12.0	316.90	41.78	283.00	37.40	264.40	34.08	245.70	30.87	236.90	28.72	228.00	26.71
	17.0	15.0	320.40	39.42	283.00	33.24	264.40	30.30	245.70	27.48	236.90	25.57	228.00	23.80
	19.0	18.0	320.40	37.89	283.00	31.97	264.40	29.15	245.70	26.44	236.90	24.61	228.00	22.91
	23.0	21.0	320.40	35.03	283.00	29.59	264.40	27.00	245.70	24.50	236.90	22.83	228.00	21.26
	26.0	24.0	320.40	32.41	283.00	27.41	264.40	25.03	245.70	22.74	236.90	21.20	228.00	19.75
	30.0	28.0	320.40	30.01	283.00	25.42	264.40	23.24	245.70	21.14	236.90	19.71	228.00	18.38
	35.0	32.0	320.40	26.80	283.00	22.77	264.40	20.86	245.70	19.01	236.90	17.75	228.00	16.56
	39.0	36.0	320.40	24.89	283.00	21.21	264.40	19.46	245.70	17.77	236.90	16.60	228.00	15.51
	44.0	40.0	320.40	23.16	283.00	19.81	264.40	18.20	245.70	16.64	236.90	15.57	228.00	14.55
	47.0	43.0	320.40	22.36	283.00	19.15	264.40	17.61	245.70	16.12	236.90	15.09	228.00	14.11
	51.0	47.0	320.40	20.90	283.00	17.96	264.40	16.55	245.70	15.18	236.90	14.23	228.00	13.31
	54.0	50.0	320.40	19.57	283.00	16.90	264.40	15.60	245.70	14.35	236.90	13.46	228.00	12.62
	57.0	53.0	320.40	17.85	283.00	15.51	264.40	14.38	245.70	13.26	236.90	12.46	228.00	11.70
	60.0	56.0	320.40	16.84	283.00	14.71	264.40	13.65	245.70	12.63	236.90	11.89	228.00	11.17
120	-21.8	-22.0	204.20	35.48	197.40	38.01	193.90	39.38	190.40	39.59	188.80	38.57	187.20	37.58
	-17.8	-18.0	215.60	36.08	208.60	38.60	205.30	39.98	201.80	40.18	200.20	39.16	198.50	38.17
	-12.6	-13.0	232.60	36.97	225.70	39.49	222.20	40.87	218.80	41.07	217.20	40.06	210.50	39.07
	-7.1	-7.6	249.60	37.86	242.70	40.39	239.20	41.76	226.80	40.09	218.60	37.27	210.50	34.69
	-3.6	-4.0	260.90	38.46	254.10	40.98	244.10	40.97	226.80	37.03	218.60	34.43	210.50	32.04
	-1.8	-2.2	266.60	38.76	259.70	41.28	244.10	39.37	226.80	35.59	218.60	33.10	210.50	30.80
	2.0	1.0	277.90	39.35	261.30	39.97	244.10	36.37	226.80	32.88	218.60	30.58	210.50	28.45
	6.0	5.0	294.90	40.24	261.30	35.48	244.10	32.29	226.80	29.20	218.60	27.17	210.50	25.28
	10.0	9.0	295.80	38.96	261.30	32.78	244.10	29.86	226.80	27.00	218.60	25.12	210.50	23.39
	13.0	12.0	295.80	37.45	261.30	31.52	244.10	28.71	226.80	25.97	218.60	24.16	210.50	22.50
	17.0	15.0	295.80	33.27	261.30	28.03	244.10	25.55	226.80	23.14	218.60	21.53	210.50	20.07
	19.0	18.0	295.80	32.00	261.30	26.97	244.10	24.59	226.80	22.28	218.60	20.74	210.50	19.32
	23.0	21.0	295.80	29.60	261.30	24.97	244.10	22.80	226.80	20.67	218.60	19.25	210.50	17.94
	26.0	24.0	295.80	27.40	261.30	23.16	244.10	21.15	226.80	19.21	218.60	17.89	210.50	16.69
	30.0	28.0	295.80	25.40	261.30	21.51	244.10	19.67	226.80	17.88	218.60	16.67	210.50	15.56
	35.0	32.0	295.80	22.73	261.30	19.31	244.10	17.69	226.80	16.12	218.60	15.05	210.50	14.05
	39.0	36.0	295.80	21.15	261.30	18.02	244.10	16.54	226.80	15.09	218.60	14.09	210.50	13.18
	44.0	40.0	295.80	19.72	261.30	16.85	244.10	15.49	226.80	14.17	218.60	13.24	210.50	12.39
	47.0	43.0	295.80	19.06	261.30	16.31	244.10	15.01	226.80	13.74	218.60	12.85	210.50	12.03
	51.0	47.0	295.80	17.85	261.30	15.33	244.10	14.14	226.80	12.98	218.60	12.14	210.50	11.38
	54.0	50.0	295.80	16.77	261.30	14.46	244.10	13.36	226.80	12.29	218.60	11.52	210.50	10.80
	57.0	53.0	295.80	15.35	261.30	13.33	244.10	12.36	226.80	11.40	218.60	10.70	210.50	10.06
	60.0	56.0	295.80	14.54	261.30	12.67	244.10	11.78	226.80	10.90	218.60	10.23	210.50	9.62
110	-21.8	-22.0	199.30	36.10	193.00	36.60	189.80	38.47	186.70	38.21	185.20	37.27	183.70	36.27
	-17.8	-18.0	210.70	36.70	204.40	37.20	201.10	39.06	198.00	38.81	196.50	37.86	193.00	36.86
	-12.6	-13.0	227.70	37.59	221.40	38.09	218.20	39.96	207.90	37.88	200.40	35.26	193.00	32.76
	-7.1	-7.6	244.70	38.48	238.30	38.98	223.70	37.19	207.90	33.63	200.40	31.31	193.00	29.08
	-3.6	-4.0	256.00	39.08	239.50	37.75	223.70	34.35	207.90	31.07	200.40	28.91	193.00	26.87
	-1.8	-2.2	261.60	39.38	239.50	36.28	223.70	33.02	207.90	29.86	200.40	27.79	193.00	25.82
	2.0	1.0	271.10	39.97	239.50	33.51	223.70	30.50	207.90	27.59	200.40	25.68	193.00	23.85
	6.0	5.0	271.10	35.49	239.50	29.77	223.70	27.10	207.90	24.52	200.40	22.83	193.00	21.21
	10.0	9.0	271.10	32.78	239.50	27.51	223.70	25.06	207.90	22.69	200.40	21.12	193.00	19.63
	13.0	12.0	271.10	31.52	239.50	26.46	223.70	24.10	207.90	21.82	200.40	20.32	193.00	18.90
	17.0	15.0	271.10	28.02	239.50	23.55	223.70	21.48	207.90	19.46	200.40	18.14	193.00	16.87
	19.0	18.0	271.10	26.95	239.50	22.67	223.70	20.68	207.90	18.75	200.40	17.48	193.00	16.26
	23.0	21.0	271.10	24.95	239.50	21.02	223.70	19.19	207.90	17.42	200.40	16.24	193.00	15.12
	26.0	24.0	271.10	23.13	239.50	19.52	223.70	17.83	207.90	16.20	200.40	15.12	193.00	14.08
	30.0	28.0	271.10	21.46	239.50	18.16	223.70	16.60	207.90	15.10	200.40	14.09	193.00	13.14
	35.0	32.0	271.10	19.25	239.50	16.34	223.70	14.97	207.90	13.65	200.40	12.76	193.00	11.91
	39.0	36.0	271.10	17.94	239.50	15.28	223.70	14.03	207.90	12.80	200.40	11.98	193.00	11.18
	44.0	40.0	271.10	16.77	239.50	14.32	223.70	13.16	207.90	12.04	200.40	11.27	193.00	10.54
	47.0	43.0	271.10	16.22	239.50	13.88	223.70	12.77	207.90	11.69	200.40	10.95	193.00	10.24
	51.0	47.0	271.10	15.23	239.50	13.08	223.70	12.06	207.90	11.07	200.40	10.37	193.00	9.71
	54.0	50.0	271.10	14.35	239.50	12.37	223.70	11.43	207.90	10.50	200.40	9.85	193.00	9.24
	57.0	53.0	271.10	13.19	239.50	11.45	223.70	10.61	207.90	9.78	200.40	9.19	193.00	8.63
	60.0	56.0	271.10	12.53	239.50	10.92	223.70	10.14	207.90	9.36	200.40	8.81	193.00	8.27

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/VRC168L4M

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	194.40	34.64	188.60	35.20	185.70	35.20	182.90	35.24	179.50	34.12	175.40	33.23
	-17.8	-18.0	205.70	35.23	200.00	35.80	197.10	35.80	189.00	35.56	182.20	33.11	175.40	30.74
	-12.6	-13.0	222.70	36.13	217.00	36.69	203.40	34.98	189.00	31.58	182.20	29.40	175.40	27.30
	-7.1	-7.6	239.70	37.02	217.70	34.17	203.40	31.06	189.00	28.04	182.20	26.10	175.40	24.23
	-3.6	-4.0	246.40	37.62	217.70	31.56	203.40	28.69	189.00	25.91	182.20	24.11	175.40	22.39
	-1.8	-2.2	246.40	36.15	217.70	30.34	203.40	27.57	189.00	24.90	182.20	23.18	175.40	21.53
	2.0	1.0	246.40	33.40	217.70	28.03	203.40	25.48	189.00	23.01	182.20	21.42	175.40	19.90
	6.0	5.0	246.40	29.65	217.70	24.91	203.40	22.64	189.00	20.46	182.20	19.06	175.40	17.70
	10.0	9.0	246.40	27.41	217.70	23.03	203.40	20.95	189.00	18.94	182.20	17.64	175.40	16.40
	13.0	12.0	246.40	26.35	217.70	22.16	203.40	20.16	189.00	18.23	182.20	16.98	175.40	15.78
	17.0	15.0	246.40	23.45	217.70	19.75	203.40	17.99	189.00	16.29	182.20	15.17	175.40	14.11
	19.0	18.0	246.40	22.57	217.70	19.02	203.40	17.33	189.00	15.69	182.20	14.62	175.40	13.61
	23.0	21.0	246.40	20.92	217.70	17.65	203.40	16.09	189.00	14.59	182.20	13.61	175.40	12.67
	26.0	24.0	246.40	19.41	217.70	16.41	203.40	14.98	189.00	13.60	182.20	12.69	175.40	11.82
	30.0	28.0	246.40	18.04	217.70	15.28	203.40	13.98	189.00	12.70	182.20	11.85	175.40	11.04
	35.0	32.0	246.40	16.23	217.70	13.80	203.40	12.64	189.00	11.52	182.20	10.75	175.40	10.03
	39.0	36.0	246.40	15.16	217.70	12.92	203.40	11.85	189.00	10.82	182.20	10.11	175.40	9.45
	44.0	40.0	246.40	14.20	217.70	12.14	203.40	11.16	189.00	10.20	182.20	9.54	175.40	8.93
	47.0	43.0	246.40	13.76	217.70	11.78	203.40	10.84	189.00	9.92	182.20	9.28	175.40	8.68
	51.0	47.0	246.40	12.96	217.70	11.14	203.40	10.27	189.00	9.41	182.20	8.82	175.40	8.25
	54.0	50.0	246.40	12.25	217.70	10.56	203.40	9.76	189.00	8.96	182.20	8.39	175.40	7.87
	57.0	53.0	246.40	11.31	217.70	9.81	203.40	9.09	189.00	8.38	182.20	7.86	175.40	7.37
	60.0	56.0	246.40	10.78	217.70	9.38	203.40	8.71	189.00	8.04	182.20	7.54	175.40	7.09
90	-21.8	-22.0	189.50	35.68	184.30	34.50	179.90	34.46	170.10	32.74	164.00	30.51	157.90	28.31
	-17.8	-18.0	200.70	36.28	195.60	35.09	183.00	33.43	170.10	30.28	164.00	28.19	157.90	26.16
	-12.6	-13.0	217.80	37.17	196.00	32.69	183.00	29.69	170.10	26.88	164.00	25.03	157.90	23.22
	-7.1	-7.6	221.90	34.61	196.00	29.03	183.00	26.35	170.10	23.87	164.00	22.22	157.90	20.61
	-3.6	-4.0	221.90	31.98	196.00	26.82	183.00	24.35	170.10	22.05	164.00	20.53	157.90	19.05
	-1.8	-2.2	221.90	30.73	196.00	25.78	183.00	23.41	170.10	21.19	164.00	19.74	157.90	18.32
	2.0	1.0	221.90	28.40	196.00	23.82	183.00	21.63	170.10	19.59	164.00	18.25	157.90	16.94
	6.0	5.0	221.90	25.22	196.00	21.18	183.00	19.24	170.10	17.44	164.00	16.24	157.90	15.08
	10.0	9.0	221.90	23.32	196.00	19.60	183.00	17.82	170.10	16.15	164.00	15.05	157.90	13.98
	13.0	12.0	221.90	22.44	196.00	18.86	183.00	17.14	170.10	15.55	164.00	14.50	157.90	13.46
	17.0	15.0	221.90	19.99	196.00	16.83	183.00	15.32	170.10	13.91	164.00	12.97	157.90	12.06
	19.0	18.0	221.90	19.26	196.00	16.22	183.00	14.77	170.10	13.42	164.00	12.51	157.90	11.63
	23.0	21.0	221.90	17.87	196.00	15.08	183.00	13.74	170.10	12.49	164.00	11.66	157.90	10.85
	26.0	24.0	221.90	16.61	196.00	14.05	183.00	12.81	170.10	11.66	164.00	10.88	157.90	10.13
	30.0	28.0	221.90	15.46	196.00	13.11	183.00	11.96	170.10	10.91	164.00	10.19	157.90	9.49
	35.0	32.0	221.90	13.95	196.00	11.87	183.00	10.86	170.10	9.92	164.00	9.27	157.90	8.65
	39.0	36.0	221.90	13.07	196.00	11.14	183.00	10.22	170.10	9.34	164.00	8.73	157.90	8.16
	44.0	40.0	221.90	12.28	196.00	10.50	183.00	9.64	170.10	8.82	164.00	8.26	157.90	7.72
	47.0	43.0	221.90	11.91	196.00	10.20	183.00	9.37	170.10	8.59	164.00	8.04	157.90	7.52
	51.0	47.0	221.90	11.25	196.00	9.67	183.00	8.89	170.10	8.17	164.00	7.65	157.90	7.16
	54.0	50.0	221.90	10.67	196.00	9.19	183.00	8.48	170.10	7.79	164.00	7.31	157.90	6.85
	57.0	53.0	221.90	9.91	196.00	8.58	183.00	7.93	170.10	7.31	164.00	6.87	157.90	6.44
	60.0	56.0	221.90	9.46	196.00	8.23	183.00	7.62	170.10	7.03	164.00	6.60	157.90	6.21
80	-21.8	-22.0	184.50	34.54	174.20	33.43	162.70	30.34	151.20	27.52	145.80	25.61	140.30	23.77
	-17.8	-18.0	195.80	35.13	174.20	30.92	162.70	28.04	151.20	25.42	145.80	23.66	140.30	21.95
	-12.6	-13.0	197.20	32.74	174.20	27.45	162.70	24.90	151.20	22.57	145.80	21.01	140.30	19.49
	-7.1	-7.6	197.20	29.06	174.20	24.38	162.70	22.11	151.20	20.04	145.80	18.65	140.30	17.31
	-3.6	-4.0	197.20	26.86	174.20	22.52	162.70	20.42	151.20	18.52	145.80	17.24	140.30	16.00
	-1.8	-2.2	197.20	25.81	174.20	21.65	162.70	19.64	151.20	17.81	145.80	16.58	140.30	15.38
	2.0	1.0	197.20	23.84	174.20	20.01	162.70	18.15	151.20	16.47	145.80	15.34	140.30	14.23
	6.0	5.0	197.20	21.20	174.20	17.80	162.70	16.16	151.20	14.67	145.80	13.66	140.30	12.69
	10.0	9.0	197.20	19.62	174.20	16.49	162.70	14.98	151.20	13.60	145.80	12.66	140.30	11.77
	13.0	12.0	197.20	18.87	174.20	15.88	162.70	14.43	151.20	13.10	145.80	12.20	140.30	11.34
	17.0	15.0	197.20	16.85	174.20	14.20	162.70	12.92	151.20	11.74	145.80	10.94	140.30	10.18
	19.0	18.0	197.20	16.23	174.20	13.68	162.70	12.46	151.20	11.33	145.80	10.57	140.30	9.83
	23.0	21.0	197.20	15.09	174.20	12.74	162.70	11.61	151.20	10.56	145.80	9.86	140.30	9.17
	26.0	24.0	197.20	14.04	174.20	11.89	162.70	10.84	151.20	9.87	145.80	9.22	140.30	8.59
	30.0	28.0	197.20	13.10	174.20	11.11	162.70	10.15	151.20	9.25	145.80	8.64	140.30	8.06
	35.0	32.0	197.20	11.86	174.20	10.10	162.70	9.24	151.20	8.44	145.80	7.89	140.30	7.36
	39.0	36.0	197.20	11.13	174.20	9.51	162.70	8.71	151.20	7.97	145.80	7.45	140.30	6.96
	44.0	40.0	197.20	10.49	174.20	8.98	162.70	8.23	151.20	7.54	145.80	7.06	140.30	6.60
	47.0	43.0	197.20	10.19	174.20	8.73	162.70	8.02	151.20	7.35	145.80	6.88	140.30	6.44
	51.0	47.0	197.20	9.66	174.20	8.30	162.70	7.63	151.20	7.01	145.80	6.56	140.30	6.15
	54.0	50.0	197.20	9.18	174.20	7.91	162.70	7.29	151.20	6.71	145.80	6.28	140.30	5.89
	57.0	53.0	197.20	8.56	174.20	7.42	162.70	6.85	151.20	6.31	145.80	5.92	140.30	5.56
	60.0	56.0	197.20	8.22	174.20	7.13	162.70	6.60	151.20	6.09	145.80	5.71	140.30	5.37

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/VRC168L4M

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	172.50	32.86	152.40	27.56	142.40	25.09	132.30	22.67	127.60	21.07	122.80	19.68
	-17.8	-18.0	172.50	30.39	152.40	25.45	142.40	23.18	132.30	20.94	127.60	19.47	122.80	18.17
	-12.6	-13.0	172.50	26.98	152.40	22.60	142.40	20.57	132.30	18.60	127.60	17.29	122.80	16.13
	-7.1	-7.6	172.50	23.96	152.40	20.07	142.40	18.28	132.30	16.52	127.60	15.36	122.80	14.34
	-3.6	-4.0	172.50	22.13	152.40	18.55	142.40	16.89	132.30	15.26	127.60	14.19	122.80	13.25
	-1.8	-2.2	172.50	21.28	152.40	17.83	142.40	16.24	132.30	14.68	127.60	13.66	122.80	12.74
	2.0	1.0	172.50	19.67	152.40	16.49	142.40	15.03	132.30	13.59	127.60	12.64	122.80	11.80
	6.0	5.0	172.50	17.50	152.40	14.69	142.40	13.40	132.30	12.12	127.60	11.28	122.80	10.52
	10.0	9.0	172.50	16.21	152.40	13.62	142.40	12.42	132.30	11.25	127.60	10.47	122.80	9.78
	13.0	12.0	172.50	15.60	152.40	13.12	142.40	11.97	132.30	10.84	127.60	10.09	122.80	9.42
	17.0	15.0	172.50	13.96	152.40	11.76	142.40	10.74	132.30	9.74	127.60	9.07	122.80	8.47
	19.0	18.0	172.50	13.46	152.40	11.35	142.40	10.37	132.30	9.40	127.60	8.76	122.80	8.18
	23.0	21.0	172.50	12.53	152.40	10.57	142.40	9.67	132.30	8.79	127.60	8.19	122.80	7.65
	26.0	24.0	172.50	11.69	152.40	9.89	142.40	9.05	132.30	8.23	127.60	7.68	122.80	7.17
	30.0	28.0	172.50	10.94	152.40	9.27	142.40	8.50	132.30	7.73	127.60	7.22	122.80	6.74
	35.0	32.0	172.50	9.93	152.40	8.46	142.40	7.76	132.30	7.07	127.60	6.60	122.80	6.18
	39.0	36.0	172.50	9.36	152.40	7.98	142.40	7.33	132.30	6.70	127.60	6.26	122.80	5.85
	44.0	40.0	172.50	8.83	152.40	7.55	142.40	6.96	132.30	6.36	127.60	5.94	122.80	5.56
	47.0	43.0	172.50	8.60	152.40	7.36	142.40	6.78	132.30	6.20	127.60	5.80	122.80	5.43
60	51.0	47.0	172.50	8.18	152.40	7.02	142.40	6.48	132.30	5.93	127.60	5.55	122.80	5.20
	54.0	50.0	172.50	7.80	152.40	6.71	142.40	6.20	132.30	5.68	127.60	5.32	122.80	4.99
	57.0	53.0	172.50	7.31	152.40	6.32	142.40	5.84	132.30	5.37	127.60	5.04	122.80	4.72
	60.0	56.0	172.50	7.04	152.40	6.10	142.40	5.64	132.30	5.19	127.60	4.88	122.80	4.56
	-21.8	-22.0	147.90	26.51	130.70	22.27	122.00	20.26	113.40	18.34	109.40	17.09	105.20	15.90
	-17.8	-18.0	147.90	24.49	130.70	20.58	122.00	18.71	113.40	16.95	109.40	15.78	105.20	14.68
	-12.6	-13.0	147.90	21.74	130.70	18.27	122.00	16.62	113.40	15.05	109.40	14.02	105.20	13.04
	-7.1	-7.6	147.90	19.30	130.70	16.23	122.00	14.76	113.40	13.37	109.40	12.46	105.20	11.59
	-3.6	-4.0	147.90	17.84	130.70	15.00	122.00	13.65	113.40	12.37	109.40	11.52	105.20	10.72
	-1.8	-2.2	147.90	17.15	130.70	14.42	122.00	13.12	113.40	11.89	109.40	11.08	105.20	10.31
	2.0	1.0	147.90	15.87	130.70	13.35	122.00	12.15	113.40	11.01	109.40	10.26	105.20	9.55
	6.0	5.0	147.90	14.14	130.70	11.90	122.00	10.85	113.40	9.83	109.40	9.17	105.20	8.54
	10.0	9.0	147.90	13.11	130.70	11.05	122.00	10.07	113.40	9.14	109.40	8.52	105.20	7.93
	13.0	12.0	147.90	12.63	130.70	10.65	122.00	9.71	113.40	8.82	109.40	8.22	105.20	7.65
	17.0	15.0	147.90	11.33	130.70	9.57	122.00	8.73	113.40	7.93	109.40	7.40	105.20	6.90
	19.0	18.0	147.90	10.93	130.70	9.23	122.00	8.43	113.40	7.67	109.40	7.15	105.20	6.67
	23.0	21.0	147.90	10.19	130.70	8.63	122.00	7.89	113.40	7.17	109.40	6.71	105.20	6.25
	26.0	24.0	147.90	9.54	130.70	8.08	122.00	7.40	113.40	6.73	109.40	6.30	105.20	5.86
	30.0	28.0	147.90	8.95	130.70	7.59	122.00	6.96	113.40	6.34	109.40	5.93	105.20	5.52
50	35.0	32.0	147.90	8.17	130.70	6.94	122.00	6.38	113.40	5.82	109.40	5.45	105.20	5.08
	39.0	36.0	147.90	7.71	130.70	6.57	122.00	6.04	113.40	5.52	109.40	5.17	105.20	4.83
	44.0	40.0	147.90	7.30	130.70	6.25	122.00	5.75	113.40	5.25	109.40	4.92	105.20	4.60
	47.0	43.0	147.90	7.12	130.70	6.09	122.00	5.61	113.40	5.13	109.40	4.81	105.20	4.49
	51.0	47.0	147.90	6.80	130.70	5.82	122.00	5.37	113.40	4.92	109.40	4.61	105.20	4.31
	54.0	50.0	147.90	6.50	130.70	5.58	122.00	5.16	113.40	4.72	109.40	4.44	105.20	4.14
	57.0	53.0	147.90	6.13	130.70	5.27	122.00	4.88	113.40	4.48	109.40	4.21	105.20	3.94
	60.0	56.0	147.90	5.91	130.70	5.10	122.00	4.72	113.40	4.35	109.40	4.08	105.20	3.82
	-21.8	-22.0	123.20	20.76	108.90	17.44	101.70	15.86	94.50	14.36	91.10	13.42	87.70	12.50
	-17.8	-18.0	123.20	19.18	108.90	16.11	101.70	14.65	94.50	13.27	91.10	12.39	87.70	11.55
	-12.6	-13.0	123.20	17.03	108.90	14.31	101.70	13.01	94.50	11.79	91.10	11.01	87.70	10.26
	-7.1	-7.6	123.20	15.12	108.90	12.71	101.70	11.56	94.50	10.48	91.10	9.78	87.70	9.12
	-3.6	-4.0	123.20	13.98	108.90	11.75	101.70	10.69	94.50	9.70	91.10	9.05	87.70	8.44
	-1.8	-2.2	123.20	13.45	108.90	11.31	101.70	10.30	94.50	9.33	91.10	8.72	87.70	8.13
	2.0	1.0	123.20	12.45	108.90	10.48	101.70	9.53	94.50	8.65	91.10	8.08	87.70	7.53
	6.0	5.0	123.20	11.11	108.90	9.36	101.70	8.52	94.50	7.74	91.10	7.23	87.70	6.74
	10.0	9.0	123.20	10.31	108.90	8.70	101.70	7.92	94.50	7.20	91.10	6.73	87.70	6.28
	13.0	12.0	123.20	9.95	108.90	8.39	101.70	7.65	94.50	6.95	91.10	6.50	87.70	6.05
	17.0	15.0	123.20	8.94	108.90	7.55	101.70	6.89	94.50	6.27	91.10	5.86	87.70	5.47
	19.0	18.0	123.20	8.64	108.90	7.30	101.70	6.67	94.50	6.06	91.10	5.67	87.70	5.29
50	23.0	21.0	123.20	8.07	108.90	6.84	101.70	6.25	94.50	5.69	91.10	5.32	87.70	4.97
	26.0	24.0	123.20	7.57	108.90	6.42	101.70	5.87	94.50	5.35	91.10	5.01	87.70	4.67
	30.0	28.0	123.20	7.11	108.90	6.05	101.70	5.54	94.50	5.05	91.10	4.72	87.70	4.42
	35.0	32.0	123.20	6.52	108.90	5.56	101.70	5.09	94.50	4.65	91.10	4.35	87.70	4.07
	39.0	36.0	123.20	6.17	108.90	5.28	101.70	4.84	94.50	4.43	91.10	4.14	87.70	3.87
	44.0	40.0	123.20	5.87	108.90	5.02	101.70	4.62	94.50	4.22	91.10	3.96	87.70	3.69
	47.0	43.0	123.20	5.73	108.90	4.91	101.70	4.51	94.50	4.13	91.10	3.87	87.70	3.62
	51.0	47.0	123.20	5.48	108.90	4.71	101.70	4.33	94.50	3.97	91.10	3.71	87.70	3.48
	54.0	50.0	123.20	5.27	108.90	4.52	101.70	4.17	94.50	3.83	91.10	3.59	87.70	3.35
	57.0	53.0	123.20	4.98	108.90	4.29	101.70	3.96	94.50	3.64	91.10	3.41	87.70	3.20
	60.0	56.0	123.20	4.82	108.90	4.17	101.70	3.84	94.50	3.53	91.10	3.32	87.70	3.11

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/VRC192L4M

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	2.94	197.20	4.10	232.20	5.22	249.60	5.90	284.60	6.84	323.78	7.46	355.31	8.34
	10	162.20	3.10	197.20	4.28	232.20	5.40	249.60	6.08	284.60	7.02	320.58	7.62	351.79	8.46
	14	162.20	3.26	197.20	4.46	232.20	5.60	249.60	6.26	284.60	7.20	317.41	7.78	348.30	8.58
	23	162.20	3.44	197.20	4.64	232.20	5.80	249.60	6.46	284.60	7.38	314.26	7.94	344.86	8.72
	27	162.20	3.62	197.20	4.84	232.20	6.00	249.60	6.66	284.60	7.56	311.15	8.10	341.44	8.86
	32	162.20	3.80	197.20	5.04	232.20	6.22	249.60	6.86	284.60	7.76	308.07	8.26	338.06	9.00
	37	162.20	4.00	197.20	5.24	232.20	6.44	249.60	7.08	284.60	7.96	305.02	8.42	334.71	9.14
	41	162.20	4.22	197.20	5.46	232.20	6.68	249.60	7.30	284.60	8.16	302.00	8.60	331.40	9.28
	46	162.20	4.32	197.20	5.56	232.20	6.80	249.60	7.42	284.60	8.32	302.00	8.78	328.60	9.40
	50	162.20	4.42	197.20	5.66	232.20	6.92	249.60	7.54	284.60	8.48	302.00	8.94	326.60	9.52
	54	162.20	4.56	197.20	5.82	232.20	7.08	249.60	7.70	284.60	8.66	302.00	9.16	324.80	9.72
	57	162.20	4.72	197.20	5.98	232.20	7.24	249.60	7.90	284.60	8.92	302.00	9.44	322.80	9.94
	61	162.20	4.86	197.20	6.16	232.20	7.48	249.60	8.16	284.60	9.20	302.00	9.74	321.00	10.22
	64	162.20	5.10	197.20	6.40	232.20	7.74	249.60	8.42	284.60	9.52	302.00	10.12	319.00	10.58
	68	162.20	5.30	197.20	6.64	232.20	8.04	249.60	8.76	284.60	9.94	300.40	10.52	317.00	11.10
	72	162.20	5.54	197.20	6.94	232.20	8.38	249.60	9.16	284.60	10.48	298.60	11.02	315.20	11.72
	75	162.20	5.82	197.20	7.22	232.20	8.82	249.60	9.68	284.60	11.14	296.60	11.64	313.20	12.46
	79	162.20	6.02	197.20	7.64	232.20	9.34	249.60	10.32	284.60	11.88	294.60	12.38	311.40	13.38
	82	162.20	6.44	197.20	8.06	232.20	9.98	249.60	11.02	284.40	12.82	292.80	13.28	309.40	14.32
	86	162.20	6.76	197.20	8.62	232.20	10.68	249.60	11.88	282.60	13.72	290.80	14.18	307.40	15.38
	90	162.20	7.26	197.20	9.20	232.20	11.60	249.60	12.88	280.60	14.62	289.00	15.16	305.60	16.58
	93	162.20	7.74	197.20	10.04	232.20	12.56	249.60	13.84	278.60	15.66	287.00	16.32	303.60	17.78
	95	162.20	8.04	197.20	10.50	232.20	13.02	249.60	14.32	277.80	16.26	286.00	16.94	302.60	18.18
	99	162.20	8.92	197.20	11.40	232.20	13.98	249.60	15.50	275.80	17.48	284.20	18.16	300.80	18.54
	102	162.20	9.78	197.20	12.26	232.20	15.22	249.60	16.84	273.80	18.72	282.20	18.90	288.00	18.06
	106	162.20	10.60	197.20	13.38	232.20	16.58	249.60	18.26	262.00	18.48	263.00	17.90	265.80	16.84
	111	162.20	12.16	197.20	15.34	224.20	18.12	226.00	17.70	228.00	16.52	229.40	16.00	232.60	15.02
	115	162.20	13.40	195.80	16.92	202.20	16.80	202.60	16.30	205.20	15.22	206.80	14.74	210.60	13.80
	118	162.20	14.92	178.00	16.40	178.40	15.38	179.20	14.92	182.40	13.92	184.40	13.46	188.40	12.60
	120	161.20	15.92	165.60	15.64	166.60	14.68	167.40	14.22	171.00	13.28	173.00	12.84	177.40	11.98
	122	151.60	15.28	155.60	15.02	156.60	14.10	157.40	13.66	160.80	12.74	162.60	12.32	166.80	11.50
120	5	149.80	2.76	182.00	3.78	214.20	4.78	230.40	5.40	262.60	6.26	278.80	6.82	333.43	7.82
	10	149.80	2.90	182.00	3.94	214.20	4.96	230.40	5.56	262.60	6.42	278.80	6.96	330.13	7.94
	14	149.80	3.06	182.00	4.10	214.20	5.14	230.40	5.74	262.60	6.58	278.80	7.10	326.86	8.06
	23	149.80	3.22	182.00	4.28	214.20	5.32	230.40	5.92	262.60	6.74	278.80	7.24	323.63	8.18
	27	149.80	3.38	182.00	4.46	214.20	5.52	230.40	6.10	262.60	6.92	278.80	7.38	320.42	8.30
	32	149.80	3.56	182.00	4.64	214.20	5.72	230.40	6.28	262.60	7.10	278.80	7.54	317.25	8.42
	37	149.80	3.74	182.00	4.84	214.20	5.92	230.40	6.48	262.60	7.28	278.80	7.70	314.11	8.54
	41	149.80	3.94	182.00	5.04	214.20	6.14	230.40	6.68	262.60	7.46	278.80	7.86	311.00	8.66
	46	149.80	4.02	182.00	5.14	214.20	6.24	230.40	6.78	262.60	7.60	278.80	8.00	311.00	8.84
	50	149.80	4.12	182.00	5.22	214.20	6.34	230.40	6.88	262.60	7.72	278.80	8.14	311.00	9.00
	54	149.80	4.22	182.00	5.34	214.20	6.46	230.40	7.02	262.60	7.88	278.80	8.32	311.00	9.22
	57	149.80	4.36	182.00	5.48	214.20	6.60	230.40	7.18	262.60	8.08	278.80	8.54	311.00	9.50
	61	149.80	4.48	182.00	5.62	214.20	6.80	230.40	7.40	262.60	8.34	278.80	8.82	311.00	9.80
	64	149.80	4.66	182.00	5.82	214.20	7.02	230.40	7.64	262.60	8.60	278.80	9.12	311.00	10.20
	68	149.80	4.82	182.00	6.02	214.20	7.28	230.40	7.92	262.60	8.96	278.80	9.52	310.40	10.66
	72	149.80	5.00	182.00	6.26	214.20	7.58	230.40	8.26	262.60	9.40	278.80	10.02	308.60	11.24
	75	149.80	5.24	182.00	6.54	214.20	7.96	230.40	8.72	262.60	9.98	278.80	10.66	306.60	11.92
	79	149.80	5.46	182.00	6.90	214.20	8.44	230.40	9.28	262.60	10.66	278.80	11.42	304.80	12.76
	82	149.80	5.84	182.00	7.32	214.20	9.00	230.40	9.94	262.60	11.46	278.80	12.32	302.80	13.66
	86	149.80	6.14	182.00	7.80	214.20	9.64	230.40	10.70	262.60	12.42	278.80	13.32	300.80	14.62
	90	149.80	6.58	182.00	8.34	214.20	10.44	230.40	11.62	262.60	13.40	278.80	14.36	299.00	15.62
	93	149.80	7.00	182.00	9.04	214.20	11.34	230.40	12.56	262.60	14.44	278.80	15.48	297.00	16.76
	95	149.80	7.26	182.00	9.44	214.20	11.78	230.40	13.04	262.60	15.00	277.80	16.04	296.00	17.32
	99	149.80	8.00	182.00	10.26	214.20	12.72	230.40	14.06	262.60	16.24	275.80	17.16	294.20	18.30
	102	149.80	8.76	182.00	11.12	214.20	13.80	230.40	15.22	262.60	17.52	274.00	18.24	284.20	18.04
	106	149.80	9.56	182.00	12.14	214.20	14.98	230.40	16.46	256.00	18.08	258.60	17.72	262.00	16.82
	111	149.80	11.04	182.00	13.90	213.00	16.78	220.60	17.24	223.20	16.28	224.80	15.84	228.80	15.00
	115	149.80	12.18	182.00	15.24	196.20	16.20	197.20	15.92	200.40	14.98	202.40	14.56	206.60	13.78
	118	149.80	13.48	170.60	15.38	172.80	14.82	174.00	14.54	177.80	13.68	180.00	13.30	184.60	12.58
	120	149.80	14.28	159.00	14.70	161.00	14.12	162.20	13.84	166.40	13.04	168.60	12.66	173.40	11.96
	122	140.80	13.70	149.40	14.12	151.40	13.56	152.40	13.28	156.40	12.52	158.40	12.16	163.00	11.48

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/VRC192L4M

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	137.20	2.54	166.80	3.46	196.40	4.36	211.20	4.88	240.80	5.70	255.60	6.20	285.20	7.04
	10	137.20	2.68	166.80	3.60	196.40	4.52	211.20	5.04	240.80	5.84	255.60	6.32	285.20	7.14
	14	137.20	2.82	166.80	3.76	196.40	4.68	211.20	5.20	240.80	5.98	255.60	6.44	285.20	7.24
	23	137.20	2.96	166.80	3.92	196.40	4.84	211.20	5.36	240.80	6.14	255.60	6.58	285.20	7.36
	27	137.20	3.12	166.80	4.08	196.40	5.02	211.20	5.52	240.80	6.30	255.60	6.72	285.20	7.48
	32	137.20	3.28	166.80	4.26	196.40	5.20	211.20	5.70	240.80	6.46	255.60	6.86	285.20	7.60
	37	137.20	3.46	166.80	4.44	196.40	5.38	211.20	5.88	240.80	6.62	255.60	7.00	285.20	7.72
	41	137.20	3.64	166.80	4.62	196.40	5.58	211.20	6.06	240.80	6.78	255.60	7.14	285.20	7.84
	46	137.20	3.74	166.80	4.70	196.40	5.68	211.20	6.16	240.80	6.88	255.60	7.24	285.20	7.98
	50	137.20	3.80	166.80	4.78	196.40	5.76	211.20	6.24	240.80	6.98	255.60	7.36	285.20	8.10
	54	137.20	3.88	166.80	4.86	196.40	5.86	211.20	6.36	240.80	7.12	255.60	7.50	285.20	8.28
	57	137.20	3.98	166.80	4.98	196.40	5.98	211.20	6.48	240.80	7.28	255.60	7.68	285.20	8.50
	61	137.20	4.08	166.80	5.10	196.40	6.14	211.20	6.66	240.80	7.48	255.60	7.90	285.20	8.76
	64	137.20	4.22	166.80	5.24	196.40	6.32	211.20	6.86	240.80	7.72	255.60	8.16	285.20	9.08
	68	137.20	4.32	166.80	5.40	196.40	6.52	211.20	7.10	240.80	8.02	255.60	8.50	285.20	9.50
	72	137.20	4.46	166.80	5.60	196.40	6.80	211.20	7.40	240.80	8.40	255.60	8.92	285.20	10.02
	75	137.20	4.68	166.80	5.86	196.40	7.12	211.20	7.78	240.80	8.86	255.60	9.44	285.20	10.70
	79	137.20	4.90	166.80	6.18	196.40	7.54	211.20	8.26	240.80	9.46	255.60	10.12	285.20	11.52
	82	137.20	5.24	166.80	6.56	196.40	8.04	211.20	8.86	240.80	10.20	255.60	10.92	285.20	12.46
	86	137.20	5.54	166.80	7.00	196.40	8.64	211.20	9.58	240.80	11.04	255.60	11.82	285.20	13.48
	90	137.20	5.90	166.80	7.48	196.40	9.34	211.20	10.40	240.80	11.96	255.60	12.80	285.20	14.50
	93	137.20	6.24	166.80	8.06	196.40	10.14	211.20	11.26	240.80	12.94	255.60	13.78	285.20	15.56
	95	137.20	6.48	166.80	8.42	196.40	10.56	211.20	11.74	240.80	13.42	255.60	14.30	285.20	16.14
	99	137.20	7.06	166.80	9.16	196.40	11.48	211.20	12.70	240.80	14.48	255.60	15.38	283.40	17.22
100	102	137.20	7.74	166.80	10.00	196.40	12.46	211.20	13.74	240.80	15.58	255.60	16.54	279.80	18.02
	106	137.20	8.50	166.80	10.94	196.40	13.50	211.20	14.80	240.60	16.72	251.80	17.32	258.20	16.80
	111	137.20	9.94	166.80	12.50	196.40	15.16	210.20	16.32	218.60	16.04	220.40	15.68	225.00	14.98
	115	137.20	10.96	166.80	13.60	189.80	15.48	192.00	15.54	195.80	14.76	198.00	14.40	202.80	13.76
	118	137.20	12.04	162.40	14.22	167.20	14.24	168.60	14.14	173.00	13.46	175.40	13.14	180.60	12.54
	120	137.20	12.64	152.00	13.74	155.20	13.54	157.00	13.44	161.60	12.80	164.20	12.50	169.60	11.94
	122	129.00	12.14	142.80	13.20	145.80	13.00	147.60	12.90	152.00	12.28	154.40	12.00	159.40	11.46
	5	124.80	2.36	151.60	3.16	178.60	3.92	192.00	4.40	218.80	5.08	232.40	5.56	259.20	6.34
	10	124.80	2.48	151.60	3.30	178.60	4.06	192.00	4.54	218.80	5.22	232.40	5.68	259.20	6.44
	14	124.80	2.60	151.60	3.44	178.60	4.20	192.00	4.68	218.80	5.36	232.40	5.80	259.20	6.54
	23	124.80	2.74	151.60	3.58	178.60	4.36	192.00	4.82	218.80	5.50	232.40	5.92	259.20	6.64
	27	124.80	2.88	151.60	3.72	178.60	4.52	192.00	4.96	218.80	5.64	232.40	6.04	259.20	6.74
	32	124.80	3.04	151.60	3.88	178.60	4.68	192.00	5.12	218.80	5.78	232.40	6.16	259.20	6.84
	37	124.80	3.20	151.60	4.04	178.60	4.84	192.00	5.28	218.80	5.92	232.40	6.28	259.20	6.94
	41	124.80	3.36	151.60	4.20	178.60	5.02	192.00	5.44	218.80	6.08	232.40	6.40	259.20	7.04
	46	124.80	3.46	151.60	4.28	178.60	5.12	192.00	5.52	218.80	6.18	232.40	6.50	259.20	7.14
	50	124.80	3.50	151.60	4.34	178.60	5.18	192.00	5.60	218.80	6.24	232.40	6.58	259.20	7.24
	54	124.80	3.56	151.60	4.40	178.60	5.26	192.00	5.68	218.80	6.36	232.40	6.70	259.20	7.38
	57	124.80	3.60	151.60	4.48	178.60	5.36	192.00	5.80	218.80	6.48	232.40	6.84	259.20	7.56
	61	124.80	3.68	151.60	4.56	178.60	5.48	192.00	5.94	218.80	6.66	232.40	7.02	259.20	7.76
	64	124.80	3.76	151.60	4.68	178.60	5.62	192.00	6.10	218.80	6.86	232.40	7.24	259.20	8.04
	68	124.80	3.84	151.60	4.78	178.60	5.78	192.00	6.30	218.80	7.10	232.40	7.52	259.20	8.38
	72	124.80	3.92	151.60	4.94	178.60	6.02	192.00	6.56	218.80	7.42	232.40	7.86	259.20	8.80
	75	124.80	4.10	151.60	5.18	178.60	6.30	192.00	6.88	218.80	7.82	232.40	8.30	259.20	9.34
	79	124.80	4.34	151.60	5.48	178.60	6.66	192.00	7.28	218.80	8.32	232.40	8.86	259.20	10.04
	82	124.80	4.62	151.60	5.82	178.60	7.10	192.00	7.80	218.80	8.98	232.40	9.60	259.20	10.90
	86	124.80	4.94	151.60	6.20	178.60	7.66	192.00	8.48	218.80	9.74	232.40	10.42	259.20	11.82
	90	124.80	5.22	151.60	6.62	178.60	8.28	192.00	9.22	218.80	10.58	232.40	11.28	259.20	12.82
	93	124.80	5.50	151.60	7.12	178.60	8.98	192.00	10.00	218.80	11.48	232.40	12.24	259.20	13.72
	95	124.80	5.68	151.60	7.40	178.60	9.36	192.00	10.42	218.80	11.98	232.40	12.70	259.20	14.18
	99	124.80	6.12	151.60	8.06	178.60	10.26	192.00	11.42	218.80	12.88	232.40	13.62	259.20	15.14
	102	124.80	6.72	151.60	8.86	178.60	11.18	192.00	12.34	218.80	13.82	232.40	14.58	259.20	16.20
	106	124.80	7.46	151.60	9.78	178.60	12.08	192.00	13.24	218.80	14.80	232.40	15.62	254.20	16.78
	111	124.80	8.84	151.60	11.14	178.60	13.48	192.00	14.70	213.20	15.64	216.00	15.52	221.00	14.96
	115	124.80	9.74	151.60	12.04	178.60	14.44	186.80	15.14	191.00	14.52	193.60	14.24	199.00	13.74
	118	124.80	10.58	151.60	12.94	161.40	13.68	163.40	13.76	168.40	13.22	171.00	12.98	176.80	12.52
	120	124.80	11.02	144.80	12.74	149.60	12.98	151.60	13.06	157.00	12.56	159.80	12.34	165.80	11.92
	122	117.40	10.58	136.20	12.24	140.60	12.46	142.60	12.54	147.60	12.06	150.20	11.84	155.80	11.44

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/VRC192L4M

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	112.40	2.12	136.60	2.84	160.80	3.50	172.80	3.94	197.00	4.54	209.00	4.96	233.20	5.64
	10	112.40	2.24	136.60	2.96	160.80	3.62	172.80	4.06	197.00	4.66	209.00	5.06	233.20	5.72
	14	112.40	2.36	136.60	3.08	160.80	3.76	172.80	4.18	197.00	4.78	209.00	5.16	233.20	5.80
	23	112.40	2.48	136.60	3.20	160.80	3.90	172.80	4.30	197.00	4.90	209.00	5.26	233.20	5.88
	27	112.40	2.62	136.60	3.34	160.80	4.04	172.80	4.44	197.00	5.02	209.00	5.36	233.20	5.96
	32	112.40	2.76	136.60	3.48	160.80	4.18	172.80	4.58	197.00	5.14	209.00	5.46	233.20	6.06
	37	112.40	2.90	136.60	3.62	160.80	4.34	172.80	4.72	197.00	5.28	209.00	5.58	233.20	6.16
	41	112.40	3.06	136.60	3.78	160.80	4.50	172.80	4.86	197.00	5.42	209.00	5.70	233.20	6.26
	46	112.40	3.14	136.60	3.86	160.80	4.58	172.80	4.94	197.00	5.50	209.00	5.78	233.20	6.34
	50	112.40	3.20	136.60	3.92	160.80	4.64	172.80	5.02	197.00	5.58	209.00	5.86	233.20	6.42
	54	112.40	3.24	136.60	3.98	160.80	4.72	172.80	5.08	197.00	5.66	209.00	5.94	233.20	6.52
	57	112.40	3.30	136.60	4.04	160.80	4.80	172.80	5.18	197.00	5.76	209.00	6.06	233.20	6.66
	61	112.40	3.36	136.60	4.14	160.80	4.90	172.80	5.30	197.00	5.90	209.00	6.22	233.20	6.84
	64	112.40	3.44	136.60	4.22	160.80	5.04	172.80	5.44	197.00	6.08	209.00	6.40	233.20	7.06
	68	112.40	3.50	136.60	4.32	160.80	5.18	172.80	5.62	197.00	6.28	209.00	6.64	233.20	7.34
	72	112.40	3.58	136.60	4.46	160.80	5.38	172.80	5.84	197.00	6.56	209.00	6.94	233.20	7.70
	75	112.40	3.74	136.60	4.66	160.80	5.62	172.80	6.10	197.00	6.88	209.00	7.30	233.20	8.14
	79	112.40	3.92	136.60	4.90	160.80	5.92	172.80	6.44	197.00	7.30	209.00	7.74	233.20	8.66
	82	112.40	4.16	136.60	5.18	160.80	6.28	172.80	6.86	197.00	7.80	209.00	8.28	233.20	9.30
	86	112.40	4.38	136.60	5.50	160.80	6.72	172.80	7.38	197.00	8.42	209.00	8.94	233.20	10.06
	90	112.40	4.64	136.60	5.86	160.80	7.24	172.80	7.98	197.00	9.10	209.00	9.66	233.20	10.86
	93	112.40	4.90	136.60	6.30	160.80	7.84	172.80	8.64	197.00	9.84	209.00	10.46	233.20	11.72
	95	112.40	5.08	136.60	6.56	160.80	8.16	172.80	9.00	197.00	10.24	209.00	10.88	233.20	12.14
	99	112.40	5.50	136.60	7.14	160.80	8.90	172.80	9.84	197.00	11.10	209.00	11.72	233.20	13.00
	102	112.40	6.08	136.60	7.86	160.80	9.72	172.80	10.66	197.00	11.94	209.00	12.60	233.20	13.92
	106	112.40	6.78	136.60	8.62	160.80	10.54	172.80	11.54	197.00	12.88	209.00	13.56	233.20	14.98
	111	112.40	7.88	136.60	9.88	160.80	11.94	172.80	13.00	196.60	14.36	206.40	14.84	217.20	14.92
80	115	112.40	8.72	136.60	10.76	160.40	12.92	171.80	13.96	183.60	14.12	187.20	13.98	195.00	13.72
	118	112.40	9.54	135.00	11.58	148.80	12.76	153.40	13.10	160.80	12.82	164.80	12.70	172.80	12.50
	120	112.40	10.02	128.00	11.38	137.20	12.08	141.60	12.40	149.40	12.16	153.40	12.06	161.80	11.88
	122	105.60	9.62	120.40	10.92	129.00	11.60	133.20	11.90	140.40	11.68	144.20	11.58	152.00	11.40
	5	99.80	1.84	121.40	2.42	142.80	3.00	153.60	3.34	175.20	3.84	185.80	4.20	207.40	4.78
	10	99.80	1.94	121.40	2.54	142.80	3.12	153.60	3.46	175.20	3.96	185.80	4.30	207.40	4.88
	14	99.80	2.06	121.40	2.66	142.80	3.24	153.60	3.58	175.20	4.08	185.80	4.40	207.40	4.98
	23	99.80	2.18	121.40	2.78	142.80	3.38	153.60	3.72	175.20	4.20	185.80	4.52	207.40	5.08
	27	99.80	2.30	121.40	2.92	142.80	3.52	153.60	3.86	175.20	4.34	185.80	4.64	207.40	5.18
	32	99.80	2.44	121.40	3.06	142.80	3.66	153.60	4.00	175.20	4.48	185.80	4.76	207.40	5.28
	37	99.80	2.58	121.40	3.20	142.80	3.82	153.60	4.14	175.20	4.62	185.80	4.88	207.40	5.38
	41	99.80	2.74	121.40	3.36	142.80	3.98	153.60	4.30	175.20	4.76	185.80	5.00	207.40	5.48
	46	99.80	2.82	121.40	3.44	142.80	4.06	153.60	4.36	175.20	4.84	185.80	5.08	207.40	5.56
	50	99.80	2.88	121.40	3.50	142.80	4.12	153.60	4.42	175.20	4.90	185.80	5.14	207.40	5.62
	54	99.80	2.94	121.40	3.56	142.80	4.18	153.60	4.48	175.20	4.98	185.80	5.22	207.40	5.70
	57	99.80	2.98	121.40	3.62	142.80	4.24	153.60	4.56	175.20	5.06	185.80	5.30	207.40	5.80
	61	99.80	3.06	121.40	3.70	142.80	4.34	153.60	4.66	175.20	5.18	185.80	5.44	207.40	5.96
	64	99.80	3.12	121.40	3.78	142.80	4.44	153.60	4.78	175.20	5.32	185.80	5.58	207.40	6.14
	68	99.80	3.16	121.40	3.86	142.80	4.56	153.60	4.92	175.20	5.50	185.80	5.78	207.40	6.36
	72	99.80	3.24	121.40	3.98	142.80	4.74	153.60	5.12	175.20	5.72	185.80	6.04	207.40	6.66
	75	99.80	3.34	121.40	4.12	142.80	4.94	153.60	5.34	175.20	6.00	185.80	6.34	207.40	7.02
	79	99.80	3.48	121.40	4.32	142.80	5.18	153.60	5.62	175.20	6.34	185.80	6.72	207.40	7.46
	82	99.80	3.64	121.40	4.54	142.80	5.48	153.60	5.96	175.20	6.74	185.80	7.14	207.40	7.94
	86	99.80	3.82	121.40	4.80	142.80	5.82	153.60	6.36	175.20	7.20	185.80	7.62	207.40	8.50
	90	99.80	4.04	121.40	5.10	142.80	6.24	153.60	6.82	175.20	7.74	185.80	8.20	207.40	9.16
	93	99.80	4.28	121.40	5.48	142.80	6.72	153.60	7.34	175.20	8.34	185.80	8.84	207.40	9.86
	95	99.80	4.46	121.40	5.70	142.80	6.98	153.60	7.64	175.20	8.66	185.80	9.18	207.40	10.24
	99	99.80	4.88	121.40	6.22	142.80	7.60	153.60	8.32	175.20	9.38	185.80	9.92	207.40	11.00
	102	99.80	5.42	121.40	6.84	142.80	8.30	153.60	9.06	175.20	10.16	185.80	10.70	207.40	11.82
	106	99.80	5.96	121.40	7.46	142.80	9.04	153.60	9.84	175.20	11.00	185.80	11.56	207.40	12.70
	111	99.80	6.90	121.40	8.62	142.80	10.38	153.60	11.28	175.20	12.48	185.80	13.08	207.40	14.28
	115	99.80	7.68	121.40	9.48	142.80	11.40	153.60	12.38	172.60	13.28	179.80	13.52	191.20	13.68
	118	99.80	8.56	118.80	10.28	135.40	11.74	143.20	12.44	153.40	12.42	158.40	12.44	169.00	12.48
	120	96.00	8.72	110.60	9.98	124.80	11.18	131.60	11.74	142.00	11.78	147.20	11.80	158.00	11.86
	122	90.20	8.38	104.00	9.58	117.40	10.74	123.80	11.28	133.40	11.30	138.40	11.32	148.60	11.38

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/VRC192L4M

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	1.64	106.20	2.14	125.00	2.62	134.40	2.92	153.20	3.36	162.60	3.64	181.40	4.12
	10	87.40	1.74	106.20	2.24	125.00	2.72	134.40	3.02	153.20	3.46	162.60	3.74	181.40	4.20
	14	87.40	1.84	106.20	2.34	125.00	2.84	134.40	3.12	153.20	3.56	162.60	3.84	181.40	4.28
	23	87.40	1.94	106.20	2.46	125.00	2.96	134.40	3.24	153.20	3.66	162.60	3.94	181.40	4.36
	27	87.40	2.06	106.20	2.58	125.00	3.08	134.40	3.36	153.20	3.78	162.60	4.04	181.40	4.44
	32	87.40	2.18	106.20	2.70	125.00	3.20	134.40	3.48	153.20	3.90	162.60	4.14	181.40	4.54
	37	87.40	2.30	106.20	2.82	125.00	3.34	134.40	3.60	153.20	4.02	162.60	4.24	181.40	4.64
	41	87.40	2.44	106.20	2.96	125.00	3.48	134.40	3.74	153.20	4.14	162.60	4.34	181.40	4.74
	46	87.40	2.50	106.20	3.02	125.00	3.54	134.40	3.82	153.20	4.20	162.60	4.40	181.40	4.80
	50	87.40	2.54	106.20	3.08	125.00	3.60	134.40	3.86	153.20	4.26	162.60	4.46	181.40	4.86
	54	87.40	2.60	106.20	3.12	125.00	3.66	134.40	3.92	153.20	4.32	162.60	4.52	181.40	4.92
	57	87.40	2.64	106.20	3.18	125.00	3.72	134.40	3.98	153.20	4.38	162.60	4.58	181.40	5.00
	61	87.40	2.70	106.20	3.24	125.00	3.78	134.40	4.06	153.20	4.48	162.60	4.68	181.40	5.10
	64	87.40	2.76	106.20	3.32	125.00	3.88	134.40	4.16	153.20	4.60	162.60	4.82	181.40	5.26
	68	87.40	2.80	106.20	3.38	125.00	3.98	134.40	4.28	153.20	4.74	162.60	4.98	181.40	5.44
	72	87.40	2.86	106.20	3.48	125.00	4.10	134.40	4.42	153.20	4.92	162.60	5.18	181.40	5.68
	75	87.40	2.92	106.20	3.58	125.00	4.26	134.40	4.60	153.20	5.14	162.60	5.42	181.40	5.98
	79	87.40	3.00	106.20	3.72	125.00	4.46	134.40	4.82	153.20	5.42	162.60	5.74	181.40	6.36
	82	87.40	3.12	106.20	3.90	125.00	4.70	134.40	5.10	153.20	5.74	162.60	6.08	181.40	6.74
	86	87.40	3.24	106.20	4.10	125.00	4.96	134.40	5.40	153.20	6.10	162.60	6.44	181.40	7.14
	90	87.40	3.44	106.20	4.34	125.00	5.28	134.40	5.74	153.20	6.50	162.60	6.90	181.40	7.68
	93	87.40	3.62	106.20	4.62	125.00	5.64	134.40	6.16	153.20	6.98	162.60	7.40	181.40	8.26
	95	87.40	3.78	106.20	4.82	125.00	5.86	134.40	6.40	153.20	7.26	162.60	7.70	181.40	8.58
	99	87.40	4.14	106.20	5.24	125.00	6.38	134.40	6.96	153.20	7.86	162.60	8.32	181.40	9.24
	102	87.40	4.62	106.20	5.78	125.00	6.98	134.40	7.58	153.20	8.52	162.60	9.00	181.40	9.96
	106	87.40	5.04	106.20	6.32	125.00	7.62	134.40	8.30	153.20	9.28	162.60	9.76	181.40	10.74
	111	87.40	5.82	106.20	7.30	125.00	8.82	134.40	9.58	153.20	10.58	162.60	11.06	181.40	12.06
	115	87.40	6.56	106.20	8.16	125.00	9.76	134.40	10.58	153.20	11.58	162.20	12.04	179.40	12.90
	118	87.40	7.52	104.20	9.10	121.60	10.72	130.40	11.52	143.00	11.84	149.00	11.98	160.80	12.20
	120	81.20	7.82	96.60	9.16	112.40	10.52	120.40	11.22	132.00	11.36	137.80	11.44	149.60	11.60
	122	76.40	7.50	90.80	8.80	105.60	10.10	113.20	10.78	124.00	10.90	129.60	10.98	140.60	11.14
60	5	74.80	1.38	91.00	1.80	107.20	2.18	115.20	2.44	131.40	2.64	139.40	2.78	155.60	3.00
	10	74.80	1.46	91.00	1.90	107.20	2.28	115.20	2.54	131.40	2.76	139.40	2.90	155.60	3.12
	14	74.80	1.56	91.00	2.00	107.20	2.38	115.20	2.64	131.40	2.88	139.40	3.02	155.60	3.26
	23	74.80	1.66	91.00	2.10	107.20	2.50	115.20	2.74	131.40	3.00	139.40	3.14	155.60	3.40
	27	74.80	1.76	91.00	2.20	107.20	2.62	115.20	2.86	131.40	3.12	139.40	3.28	155.60	3.54
	32	74.80	1.88	91.00	2.32	107.20	2.74	115.20	2.98	131.40	3.26	139.40	3.42	155.60	3.68
	37	74.80	2.00	91.00	2.44	107.20	2.86	115.20	3.10	131.40	3.40	139.40	3.56	155.60	3.84
	41	74.80	2.12	91.00	2.56	107.20	3.00	115.20	3.22	131.40	3.54	139.40	3.70	155.60	4.00
	46	74.80	2.18	91.00	2.62	107.20	3.06	115.20	3.28	131.40	3.60	139.40	3.76	155.60	4.06
	50	74.80	2.20	91.00	2.66	107.20	3.10	115.20	3.32	131.40	3.64	139.40	3.80	155.60	4.12
	54	74.80	2.24	91.00	2.70	107.20	3.14	115.20	3.38	131.40	3.68	139.40	3.84	155.60	4.16
	57	74.80	2.28	91.00	2.74	107.20	3.20	115.20	3.42	131.40	3.74	139.40	3.90	155.60	4.22
	61	74.80	2.32	91.00	2.78	107.20	3.24	115.20	3.48	131.40	3.82	139.40	3.98	155.60	4.32
	64	74.80	2.36	91.00	2.84	107.20	3.32	115.20	3.56	131.40	3.90	139.40	4.08	155.60	4.42
	68	74.80	2.42	91.00	2.90	107.20	3.40	115.20	3.64	131.40	4.02	139.40	4.20	155.60	4.58
	72	74.80	2.46	91.00	2.96	107.20	3.50	115.20	3.76	131.40	4.16	139.40	4.36	155.60	4.76
	75	74.80	2.50	91.00	3.06	107.20	3.62	115.20	3.90	131.40	4.34	139.40	4.56	155.60	5.00
	79	74.80	2.54	91.00	3.14	107.20	3.76	115.20	4.08	131.40	4.54	139.40	4.80	155.60	5.28
	82	74.80	2.62	91.00	3.28	107.20	3.94	115.20	4.28	131.40	4.80	139.40	5.06	155.60	5.60
	86	74.80	2.72	91.00	3.42	107.20	4.14	115.20	4.50	131.40	5.06	139.40	5.36	155.60	5.94
	90	74.80	2.86	91.00	3.60	107.20	4.36	115.20	4.76	131.40	5.38	139.40	5.70	155.60	6.34
	93	74.80	3.00	91.00	3.82	107.20	4.64	115.20	5.06	131.40	5.76	139.40	6.10	155.60	6.80
	95	74.80	3.12	91.00	3.96	107.20	4.82	115.20	5.26	131.40	5.98	139.40	6.34	155.60	7.08
	99	74.80	3.36	91.00	4.30	107.20	5.24	115.20	5.72	131.40	6.50	139.40	6.88	155.60	7.66
	102	74.80	3.74	91.00	4.74	107.20	5.74	115.20	6.26	131.40	7.06	139.40	7.48	155.60	8.30
	106	74.80	4.14	91.00	5.22	107.20	6.32	115.20	6.90	131.40	7.74	139.40	8.16	155.60	9.00
	111	74.80	4.80	91.00	6.06	107.20	7.34	115.20	8.00	131.40	8.86	139.40	9.28	155.60	10.12
	115	74.80	5.38	91.00	6.76	107.20	8.14	115.20	8.84	131.40	9.70	139.40	10.12	155.60	10.94
	118	74.80	6.28	90.60	7.72	106.80	9.16	115.20	9.88	128.20	10.60	134.60	10.90	148.00	11.46
	120	70.80	6.86	85.40	8.26	100.40	9.64	108.20	10.34	119.60	10.68	125.20	10.82	137.00	11.10
	122	66.60	6.58	80.20	7.92	94.40	9.26	101.80	9.92	112.40	10.26	117.60	10.38	128.80	10.66

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/VRC192L4M

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)	
	DB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	62.40	1.18	75.80	1.52	89.20	1.84	96.00	2.04	109.40	2.20	116.20	2.28	129.60	2.46
	10	62.40	1.26	75.80	1.60	89.20	1.92	96.00	2.12	109.40	2.30	116.20	2.38	129.60	2.56
	14	62.40	1.34	75.80	1.68	89.20	2.00	96.00	2.20	109.40	2.40	116.20	2.48	129.60	2.66
	23	62.40	1.42	75.80	1.76	89.20	2.10	96.00	2.30	109.40	2.50	116.20	2.58	129.60	2.78
	27	62.40	1.50	75.80	1.86	89.20	2.20	96.00	2.40	109.40	2.60	116.20	2.68	129.60	2.90
	32	62.40	1.60	75.80	1.96	89.20	2.30	96.00	2.50	109.40	2.70	116.20	2.80	129.60	3.02
	37	62.40	1.70	75.80	2.06	89.20	2.40	96.00	2.60	109.40	2.82	116.20	2.92	129.60	3.14
	41	62.40	1.80	75.80	2.16	89.20	2.52	96.00	2.70	109.40	2.94	116.20	3.04	129.60	3.28
	46	62.40	1.86	75.80	2.22	89.20	2.58	96.00	2.76	109.40	2.98	116.20	3.10	129.60	3.32
	50	62.40	1.88	75.80	2.24	89.20	2.60	96.00	2.78	109.40	3.02	116.20	3.14	129.60	3.38
	54	62.40	1.90	75.80	2.26	89.20	2.64	96.00	2.82	109.40	3.06	116.20	3.18	129.60	3.42
	57	62.40	1.90	75.80	2.30	89.20	2.68	96.00	2.86	109.40	3.10	116.20	3.24	129.60	3.48
	61	62.40	1.94	75.80	2.32	89.20	2.72	96.00	2.92	109.40	3.16	116.20	3.28	129.60	3.54
	64	62.40	1.98	75.80	2.38	89.20	2.78	96.00	2.98	109.40	3.22	116.20	3.36	129.60	3.62
	68	62.40	2.02	75.80	2.44	89.20	2.84	96.00	3.04	109.40	3.32	116.20	3.46	129.60	3.74
	72	62.40	2.06	75.80	2.48	89.20	2.90	96.00	3.12	109.40	3.42	116.20	3.56	129.60	3.88
	75	62.40	2.08	75.80	2.54	89.20	2.98	96.00	3.22	109.40	3.54	116.20	3.70	129.60	4.04
	79	62.40	2.12	75.80	2.60	89.20	3.10	96.00	3.36	109.40	3.72	116.20	3.90	129.60	4.26
	82	62.40	2.14	75.80	2.68	89.20	3.22	96.00	3.50	109.40	3.90	116.20	4.10	129.60	4.52
	86	62.40	2.20	75.80	2.78	89.20	3.36	96.00	3.66	109.40	4.10	116.20	4.32	129.60	4.78
	90	62.40	2.32	75.80	2.92	89.20	3.52	96.00	3.84	109.40	4.32	116.20	4.58	129.60	5.08
	93	62.40	2.42	75.80	3.06	89.20	3.72	96.00	4.04	109.40	4.60	116.20	4.88	129.60	5.44
	95	62.40	2.48	75.80	3.16	89.20	3.84	96.00	4.16	109.40	4.76	116.20	5.06	129.60	5.64
	99	62.40	2.70	75.80	3.42	89.20	4.16	96.00	4.56	109.40	5.18	116.20	5.50	129.60	6.16
	102	62.40	2.92	75.80	3.76	89.20	4.60	96.00	5.02	109.40	5.68	116.20	6.02	129.60	6.70
	106	62.40	3.32	75.80	4.18	89.20	5.08	96.00	5.54	109.40	6.26	116.20	6.62	129.60	7.32
	111	62.40	3.88	75.80	4.92	89.20	6.00	96.00	6.56	109.40	7.26	116.20	7.62	129.60	8.34
	115	62.40	4.34	75.80	5.48	89.20	6.64	96.00	7.24	109.40	7.96	116.20	8.32	129.60	9.00
	118	62.40	4.94	75.80	6.22	89.20	7.46	96.00	8.08	109.40	8.76	116.20	9.08	129.60	9.70
	120	62.40	5.54	75.80	6.78	89.20	8.00	96.00	8.60	105.80	9.24	111.60	9.54	124.20	10.10
	122	62.40	5.92	75.80	7.26	89.20	8.56	96.00	9.20	105.80	9.88	106.00	9.34	118.00	9.90

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/VRC192L4M

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	239.00	40.22	230.40	41.88	226.20	42.90	222.00	43.90	220.00	44.24	218.00	44.58
	-17.8	-18.0	252.00	40.88	243.40	42.56	239.20	43.56	235.00	44.58	233.00	44.90	230.80	45.24
	-12.6	-13.0	271.40	41.88	262.80	43.56	258.60	44.58	254.40	45.58	252.40	45.92	250.40	46.24
	-7.1	-7.6	290.80	42.90	282.40	44.58	278.00	45.58	273.80	46.58	269.40	46.92	260.60	46.48
	-3.6	-4.0	303.80	43.56	295.20	45.24	291.00	46.24	279.60	46.92	270.80	46.16	260.60	42.94
	-1.8	-2.2	310.40	43.90	301.80	45.58	297.60	46.58	280.20	46.92	270.80	44.36	260.60	41.26
	2.0	1.0	323.20	44.58	314.80	46.24	301.40	46.92	280.80	44.08	270.80	40.98	260.60	38.12
	6.0	5.0	342.80	45.58	322.80	46.92	302.20	43.22	280.80	39.14	270.80	36.40	260.60	33.86
	10.0	9.0	355.60	46.24	323.40	43.84	302.20	39.94	280.80	36.18	270.80	33.64	260.60	31.30
	13.0	12.0	362.20	46.58	323.40	42.14	302.20	38.40	280.80	34.78	270.80	32.36	260.60	30.10
	17.0	15.0	366.20	44.42	323.40	37.46	302.20	34.14	280.80	30.96	270.80	28.80	260.60	26.82
	19.0	18.0	366.20	42.70	323.40	36.02	302.20	32.84	280.80	29.78	270.80	27.72	260.60	25.82
	23.0	21.0	366.20	39.48	323.40	33.34	302.20	30.42	280.80	27.60	270.80	25.72	260.60	23.96
	26.0	24.0	366.20	36.52	323.40	30.88	302.20	28.20	280.80	25.62	270.80	23.88	260.60	22.26
	30.0	28.0	366.20	33.82	323.40	28.64	302.20	26.18	280.80	23.82	270.80	22.20	260.60	20.72
	35.0	32.0	366.20	30.20	323.40	25.66	302.20	23.50	280.80	21.42	270.80	20.00	260.60	18.66
	39.0	36.0	366.20	28.06	323.40	23.90	302.20	21.92	280.80	20.02	270.80	18.70	260.60	17.48
	44.0	40.0	366.20	26.10	323.40	22.32	302.20	20.50	280.80	18.74	270.80	17.54	260.60	16.40
	47.0	43.0	366.20	25.20	323.40	21.58	302.20	19.84	280.80	18.16	270.80	17.00	260.60	15.90
	51.0	47.0	366.20	23.56	323.40	20.24	302.20	18.64	280.80	17.10	270.80	16.04	260.60	15.00
	54.0	50.0	366.20	22.06	323.40	19.04	302.20	17.58	280.80	16.16	270.80	15.16	260.60	14.22
	57.0	53.0	366.20	20.12	323.40	17.48	302.20	16.20	280.80	14.94	270.80	14.04	260.60	13.18
	60.0	56.0	366.20	18.98	323.40	16.58	302.20	15.38	280.80	14.22	270.80	13.40	260.60	12.58
120	-21.8	-22.0	233.40	39.98	225.60	42.84	221.60	43.90	217.60	44.58	215.80	43.46	214.00	42.36
	-17.8	-18.0	246.40	40.66	238.40	43.50	234.60	44.58	230.60	45.24	228.80	44.12	226.80	43.02
	-12.6	-13.0	265.80	41.66	258.00	44.50	254.00	45.58	250.00	46.24	248.20	45.14	240.60	44.04
	-7.1	-7.6	285.20	42.66	277.40	45.52	273.40	46.58	259.20	45.16	249.80	42.00	240.60	39.10
	-3.6	-4.0	298.20	43.34	290.40	46.18	279.00	46.18	259.20	41.72	249.80	38.80	240.60	36.12
	-1.8	-2.2	304.60	43.68	296.80	46.52	279.00	44.38	259.20	40.10	249.80	37.30	240.60	34.72
	2.0	1.0	317.60	44.34	298.60	45.04	279.00	41.00	259.20	37.04	249.80	34.46	240.60	32.06
	6.0	5.0	337.00	45.34	298.60	39.98	279.00	36.40	259.20	32.90	249.80	30.62	240.60	28.50
	10.0	9.0	338.00	43.90	298.60	36.94	279.00	33.66	259.20	30.42	249.80	28.30	240.60	26.36
	13.0	12.0	338.00	42.20	298.60	35.52	279.00	32.36	259.20	29.26	249.80	27.22	240.60	25.36
	17.0	15.0	338.00	37.50	298.60	31.58	279.00	28.80	259.20	26.08	249.80	24.26	240.60	22.62
	19.0	18.0	338.00	36.06	298.60	30.40	279.00	27.72	259.20	25.10	249.80	23.38	240.60	21.78
	23.0	21.0	338.00	33.36	298.60	28.14	279.00	25.70	259.20	23.28	249.80	21.70	240.60	20.22
	26.0	24.0	338.00	30.88	298.60	26.10	279.00	23.84	259.20	21.64	249.80	20.16	240.60	18.82
	30.0	28.0	338.00	28.62	298.60	24.24	279.00	22.18	259.20	20.14	249.80	18.78	240.60	17.54
	35.0	32.0	338.00	25.62	298.60	21.76	279.00	19.94	259.20	18.16	249.80	16.96	240.60	15.84
	39.0	36.0	338.00	23.84	298.60	20.30	279.00	18.64	259.20	17.00	249.80	15.88	240.60	14.86
	44.0	40.0	338.00	22.22	298.60	18.98	279.00	17.46	259.20	15.96	249.80	14.92	240.60	13.96
	47.0	43.0	338.00	21.48	298.60	18.38	279.00	16.92	259.20	15.48	249.80	14.48	240.60	13.56
	51.0	47.0	338.00	20.12	298.60	17.28	279.00	15.94	259.20	14.62	249.80	13.68	240.60	12.82
	54.0	50.0	338.00	18.90	298.60	16.30	279.00	15.06	259.20	13.84	249.80	12.98	240.60	12.18
	57.0	53.0	338.00	17.30	298.60	15.02	279.00	13.94	259.20	12.84	249.80	12.06	240.60	11.34
	60.0	56.0	338.00	16.38	298.60	14.28	279.00	13.28	259.20	12.28	249.80	11.52	240.60	10.84
110	-21.8	-22.0	227.80	40.68	220.60	41.24	217.00	43.38	213.40	43.08	211.60	42.00	210.00	40.88
	-17.8	-18.0	240.80	41.36	233.60	41.92	229.80	44.04	226.20	43.76	224.60	42.66	220.60	41.54
	-12.6	-13.0	260.20	42.36	253.00	42.92	249.40	45.06	237.60	42.70	229.00	39.74	220.60	36.92
	-7.1	-7.6	279.60	43.36	272.40	43.92	255.60	41.94	237.60	37.92	229.00	35.28	220.60	32.78
	-3.6	-4.0	292.60	44.04	273.80	42.54	255.60	38.74	237.60	35.04	229.00	32.58	220.60	30.28
	-1.8	-2.2	299.00	44.38	273.80	40.88	255.60	37.24	237.60	33.66	229.00	31.32	220.60	29.10
	2.0	1.0	309.80	45.04	273.80	37.76	255.60	34.40	237.60	31.10	229.00	28.94	220.60	26.88
	6.0	5.0	309.80	40.00	273.80	33.54	255.60	30.56	237.60	27.64	229.00	25.72	220.60	23.90
	10.0	9.0	309.80	36.94	273.80	31.00	255.60	28.26	237.60	25.58	229.00	23.80	220.60	22.12
	13.0	12.0	309.80	35.52	273.80	29.82	255.60	27.18	237.60	24.60	229.00	22.90	220.60	21.30
	17.0	15.0	309.80	31.58	273.80	26.54	255.60	24.22	237.60	21.94	229.00	20.44	220.60	19.02
	19.0	18.0	309.80	30.38	273.80	25.54	255.60	23.32	237.60	21.14	229.00	19.70	220.60	18.32
	23.0	21.0	309.80	28.12	273.80	23.68	255.60	21.64	237.60	19.64	229.00	18.30	220.60	17.04
	26.0	24.0	309.80	26.06	273.80	22.00	255.60	20.10	237.60	18.26	229.00	17.04	220.60	15.86
	30.0	28.0	309.80	24.18	273.80	20.46	255.60	18.72	237.60	17.02	229.00	15.88	220.60	14.80
	35.0	32.0	309.80	21.70	273.80	18.42	255.60	16.88	237.60	15.38	229.00	14.38	220.60	13.42
	39.0	36.0	309.80	20.22	273.80	17.22	255.60	15.82	237.60	14.44	229.00	13.50	220.60	12.60
	44.0	40.0	309.80	18.90	273.80	16.14	255.60	14.84	237.60	13.58	229.00	12.70	220.60	11.88
	47.0	43.0	309.80	18.28	273.80	15.64	255.60	14.40	237.60	13.18	229.00	12.34	220.60	11.54
	51.0	47.0	309.80	17.16	273.80	14.74	255.60	13.60	237.60	12.48	229.00	11.68	220.60	10.94
	54.0	50.0	309.80	16.18	273.80	13.94	255.60	12.88	237.60	11.84	229.00	11.10	220.60	10.42
	57.0	53.0	309.80	14.86	273.80	12.90	255.60	11.96	237.60	11.02	229.00	10.36	220.60	9.72
	60.0	56.0	309.80	14.12	273.80	12.30	255.60	11.44	237.60	10.56	229.00	9.92	220.60	9.32

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/VRC192L4M

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
100	-21.8	-22.0	222.20	39.02	215.60	39.68	212.20	39.68	209.00	39.72	205.20	38.46	200.40	37.44
	-17.8	-18.0	235.00	39.68	228.60	40.36	225.20	40.36	216.00	40.08	208.20	37.32	200.40	34.64
	-12.6	-13.0	254.60	40.70	248.00	41.36	232.40	39.44	216.00	35.60	208.20	33.14	200.40	30.76
	-7.1	-7.6	274.00	41.70	248.80	38.52	232.40	35.02	216.00	31.60	208.20	29.42	200.40	27.30
	-3.6	-4.0	281.60	42.38	248.80	35.58	232.40	32.34	216.00	29.20	208.20	27.18	200.40	25.22
	-1.8	-2.2	281.60	40.72	248.80	34.20	232.40	31.08	216.00	28.06	208.20	26.12	200.40	24.26
	2.0	1.0	281.60	37.62	248.80	31.60	232.40	28.72	216.00	25.94	208.20	24.14	200.40	22.42
	6.0	5.0	281.60	33.40	248.80	28.08	232.40	25.52	216.00	23.06	208.20	21.48	200.40	19.94
	10.0	9.0	281.60	30.88	248.80	25.96	232.40	23.62	216.00	21.34	208.20	19.88	200.40	18.48
	13.0	12.0	281.60	29.68	248.80	24.98	232.40	22.72	216.00	20.54	208.20	19.14	200.40	17.78
	17.0	15.0	281.60	26.42	248.80	22.26	232.40	20.28	216.00	18.36	208.20	17.10	200.40	15.90
	19.0	18.0	281.60	25.42	248.80	21.44	232.40	19.54	216.00	17.68	208.20	16.48	200.40	15.34
	23.0	21.0	281.60	23.56	248.80	19.90	232.40	18.14	216.00	16.44	208.20	15.34	200.40	14.28
	26.0	24.0	281.60	21.86	248.80	18.50	232.40	16.88	216.00	15.32	208.20	14.30	200.40	13.32
	30.0	28.0	281.60	20.32	248.80	17.22	232.40	15.76	216.00	14.32	208.20	13.36	200.40	12.44
	35.0	32.0	281.60	18.28	248.80	15.56	232.40	14.24	216.00	12.98	208.20	12.12	200.40	11.30
	39.0	36.0	281.60	17.08	248.80	14.56	232.40	13.36	216.00	12.20	208.20	11.40	200.40	10.64
	44.0	40.0	281.60	16.00	248.80	13.68	232.40	12.58	216.00	11.50	208.20	10.76	200.40	10.06
	47.0	43.0	281.60	15.50	248.80	13.28	232.40	12.22	216.00	11.18	208.20	10.46	200.40	9.78
	51.0	47.0	281.60	14.60	248.80	12.56	232.40	11.58	216.00	10.60	208.20	9.94	200.40	9.30
	54.0	50.0	281.60	13.80	248.80	11.90	232.40	11.00	216.00	10.10	208.20	9.46	200.40	8.86
	57.0	53.0	281.60	12.74	248.80	11.06	232.40	10.24	216.00	9.44	208.20	8.86	200.40	8.30
	60.0	56.0	281.60	12.14	248.80	10.58	232.40	9.82	216.00	9.06	208.20	8.50	200.40	7.98
90	-21.8	-22.0	216.60	40.20	210.60	38.90	205.60	38.84	194.40	36.90	187.40	34.38	180.40	31.92
	-17.8	-18.0	229.40	40.88	223.60	39.56	209.20	37.68	194.40	34.12	187.40	31.76	180.40	29.50
	-12.6	-13.0	249.00	41.88	224.00	36.86	209.20	33.46	194.40	30.30	187.40	28.20	180.40	26.18
	-7.1	-7.6	253.60	39.00	224.00	32.72	209.20	29.70	194.40	26.90	187.40	25.04	180.40	23.24
	-3.6	-4.0	253.60	36.04	224.00	30.24	209.20	27.44	194.40	24.84	187.40	23.14	180.40	21.48
	-1.8	-2.2	253.60	34.62	224.00	29.06	209.20	26.38	194.40	23.88	187.40	22.24	180.40	20.66
	2.0	1.0	253.60	32.00	224.00	26.86	209.20	24.38	194.40	22.08	187.40	20.56	180.40	19.10
	6.0	5.0	253.60	28.42	224.00	23.88	209.20	21.68	194.40	19.66	187.40	18.30	180.40	17.00
	10.0	9.0	253.60	26.28	224.00	22.10	209.20	20.08	194.40	18.20	187.40	16.96	180.40	15.76
	13.0	12.0	253.60	25.28	224.00	21.26	209.20	19.32	194.40	17.52	187.40	16.34	180.40	15.18
	17.0	15.0	253.60	22.52	224.00	18.98	209.20	17.26	194.40	15.68	187.40	14.62	180.40	13.60
	19.0	18.0	253.60	21.70	224.00	18.28	209.20	16.64	194.40	15.12	187.40	14.10	180.40	13.12
	23.0	21.0	253.60	20.14	224.00	17.00	209.20	15.48	194.40	14.08	187.40	13.14	180.40	12.24
	26.0	24.0	253.60	18.72	224.00	15.84	209.20	14.44	194.40	13.14	187.40	12.26	180.40	11.42
	30.0	28.0	253.60	17.42	224.00	14.78	209.20	13.48	194.40	12.30	187.40	11.48	180.40	10.70
	35.0	32.0	253.60	15.72	224.00	13.38	209.20	12.24	194.40	11.18	187.40	10.44	180.40	9.76
	39.0	36.0	253.60	14.72	224.00	12.56	209.20	11.52	194.40	10.52	187.40	9.84	180.40	9.20
	44.0	40.0	253.60	13.84	224.00	11.84	209.20	10.86	194.40	9.94	187.40	9.30	180.40	8.70
	47.0	43.0	253.60	13.42	224.00	11.50	209.20	10.56	194.40	9.68	187.40	9.06	180.40	8.48
	51.0	47.0	253.60	12.68	224.00	10.90	209.20	10.02	194.40	9.20	187.40	8.62	180.40	8.08
	54.0	50.0	253.60	12.02	224.00	10.36	209.20	9.56	194.40	8.78	187.40	8.24	180.40	7.72
	57.0	53.0	253.60	11.16	224.00	9.68	209.20	8.94	194.40	8.24	187.40	7.74	180.40	7.26
	60.0	56.0	253.60	10.66	224.00	9.28	209.20	8.58	194.40	7.92	187.40	7.44	180.40	7.00
80	-21.8	-22.0	210.80	38.92	199.00	37.68	186.00	34.20	172.80	31.00	166.60	28.88	160.40	26.80
	-17.8	-18.0	223.80	39.58	199.00	34.86	186.00	31.60	172.80	28.64	166.60	26.68	160.40	24.74
	-12.6	-13.0	225.40	36.88	199.00	30.94	186.00	28.06	172.80	25.42	166.60	23.70	160.40	21.98
	-7.1	-7.6	225.40	32.74	199.00	27.48	186.00	24.92	172.80	22.58	166.60	21.04	160.40	19.52
	-3.6	-4.0	225.40	30.26	199.00	25.38	186.00	23.02	172.80	20.86	166.60	19.44	160.40	18.04
	-1.8	-2.2	225.40	29.08	199.00	24.40	186.00	22.14	172.80	20.06	166.60	18.70	160.40	17.34
	2.0	1.0	225.40	26.86	199.00	22.56	186.00	20.46	172.80	18.56	166.60	17.30	160.40	16.04
	6.0	5.0	225.40	23.88	199.00	20.06	186.00	18.22	172.80	16.52	166.60	15.40	160.40	14.30
	10.0	9.0	225.40	22.10	199.00	18.58	186.00	16.88	172.80	15.32	166.60	14.28	160.40	13.26
	13.0	12.0	225.40	21.26	199.00	17.90	186.00	16.26	172.80	14.76	166.60	13.76	160.40	12.78
	17.0	15.0	225.40	18.98	199.00	16.00	186.00	14.56	172.80	13.22	166.60	12.34	160.40	11.48
	19.0	18.0	225.40	18.28	199.00	15.42	186.00	14.04	172.80	12.76	166.60	11.92	160.40	11.08
	23.0	21.0	225.40	17.00	199.00	14.36	186.00	13.08	172.80	11.90	166.60	11.12	160.40	10.34
	26.0	24.0	225.40	15.82	199.00	13.40	186.00	12.22	172.80	11.12	166.60	10.40	160.40	9.68
	30.0	28.0	225.40	14.76	199.00	12.52	186.00	11.44	172.80	10.42	166.60	9.74	160.40	9.08
	35.0	32.0	225.40	13.36	199.00	11.38	186.00	10.42	172.80	9.50	166.60	8.90	160.40	8.30
	39.0	36.0	225.40	12.54	199.00	10.72	186.00	9.82	172.80	8.98	166.60	8.40	160.40	7.84
	44.0	40.0	225.40	11.82	199.00	10.12	186.00	9.28	172.80	8.50	166.60	7.96	160.40	7.44
	47.0	43.0	225.40	11.48	199.00	9.84	186.00	9.04	172.80	8.28	166.60	7.76	160.40	7.26
	51.0	47.0	225.40	10.88	199.00	9.36	186.00	8.60	172.80	7.90	166.60	7.40	160.40	6.94
	54.0	50.0	225.40	10.34	199.00	8.92	186.00	8.22	172.80	7.56	166.60	7.08	160.40	6.64
	57.0	53.0	225.40	9.64	199.00	8.36	186.00	7.72	172.80	7.10	166.60	6.68	160.40	6.26
	60.0	56.0	225.40	9.26	199.00	8.04	186.00	7.44	172.80	6.86	166.60	6.44	160.40	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/VRC192L4M

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
70	-21.8	-22.0	197.20	37.06	174.20	31.08	162.80	28.28	151.20	25.52	145.80	23.76	140.40	22.18
	-17.8	-18.0	197.20	34.28	174.20	28.70	162.80	26.12	151.20	23.58	145.80	21.96	140.40	20.48
	-12.6	-13.0	197.20	30.44	174.20	25.48	162.80	23.18	151.20	20.94	145.80	19.50	140.40	18.18
	-7.1	-7.6	197.20	27.02	174.20	22.64	162.80	20.60	151.20	18.60	145.80	17.32	140.40	16.16
	-3.6	-4.0	197.20	24.96	174.20	20.92	162.80	19.04	151.20	17.18	145.80	16.00	140.40	14.94
	-1.8	-2.2	197.20	24.00	174.20	20.10	162.80	18.30	151.20	16.52	145.80	15.40	140.40	14.36
	2.0	1.0	197.20	22.18	174.20	18.60	162.80	16.94	151.20	15.30	145.80	14.26	140.40	13.30
	6.0	5.0	197.20	19.74	174.20	16.56	162.80	15.10	151.20	13.64	145.80	12.72	140.40	11.86
	10.0	9.0	197.20	18.28	174.20	15.36	162.80	14.00	151.20	12.66	145.80	11.80	140.40	11.02
	13.0	12.0	197.20	17.60	174.20	14.80	162.80	13.48	151.20	12.20	145.80	11.38	140.40	10.62
	17.0	15.0	197.20	15.74	174.20	13.26	162.80	12.10	151.20	10.96	145.80	10.22	140.40	9.54
	19.0	18.0	197.20	15.18	174.20	12.80	162.80	11.68	151.20	10.58	145.80	9.88	140.40	9.22
	23.0	21.0	197.20	14.14	174.20	11.92	162.80	10.90	151.20	9.90	145.80	9.24	140.40	8.62
	26.0	24.0	197.20	13.18	174.20	11.16	162.80	10.20	151.20	9.26	145.80	8.66	140.40	8.08
	30.0	28.0	197.20	12.34	174.20	10.46	162.80	9.58	151.20	8.70	145.80	8.14	140.40	7.60
	35.0	32.0	197.20	11.20	174.20	9.54	162.80	8.74	151.20	7.96	145.80	7.44	140.40	6.96
	39.0	36.0	197.20	10.56	174.20	9.00	162.80	8.26	151.20	7.54	145.80	7.06	140.40	6.60
	44.0	40.0	197.20	9.96	174.20	8.52	162.80	7.84	151.20	7.16	145.80	6.70	140.40	6.26
	47.0	43.0	197.20	9.70	174.20	8.30	162.80	7.64	151.20	6.98	145.80	6.54	140.40	6.12
	51.0	47.0	197.20	9.22	174.20	7.92	162.80	7.30	151.20	6.68	145.80	6.26	140.40	5.86
	54.0	50.0	197.20	8.80	174.20	7.56	162.80	6.98	151.20	6.40	145.80	6.00	140.40	5.62
	57.0	53.0	197.20	8.24	174.20	7.12	162.80	6.58	151.20	6.04	145.80	5.68	140.40	5.32
	60.0	56.0	197.20	7.94	174.20	6.88	162.80	6.36	151.20	5.84	145.80	5.50	140.40	5.14
60	-21.8	-22.0	169.00	29.86	149.40	25.08	139.40	22.82	129.60	20.66	125.00	19.26	120.20	17.92
	-17.8	-18.0	169.00	27.58	149.40	23.18	139.40	21.08	129.60	19.10	125.00	17.78	120.20	16.54
	-12.6	-13.0	169.00	24.48	149.40	20.58	139.40	18.72	129.60	16.96	125.00	15.80	120.20	14.70
	-7.1	-7.6	169.00	21.74	149.40	18.28	139.40	16.62	129.60	15.06	125.00	14.04	120.20	13.06
	-3.6	-4.0	169.00	20.10	149.40	16.90	139.40	15.38	129.60	13.94	125.00	12.98	120.20	12.08
	-1.8	-2.2	169.00	19.32	149.40	16.24	139.40	14.78	129.60	13.40	125.00	12.48	120.20	11.62
	2.0	1.0	169.00	17.88	149.40	15.04	139.40	13.68	129.60	12.40	125.00	11.56	120.20	10.76
	6.0	5.0	169.00	15.92	149.40	13.40	139.40	12.22	129.60	11.08	125.00	10.34	120.20	9.62
	10.0	9.0	169.00	14.76	149.40	12.44	139.40	11.34	129.60	10.30	125.00	9.60	120.20	8.94
	13.0	12.0	169.00	14.22	149.40	12.00	139.40	10.94	129.60	9.94	125.00	9.26	120.20	8.62
	17.0	15.0	169.00	12.76	149.40	10.78	139.40	9.84	129.60	8.94	125.00	8.34	120.20	7.78
	19.0	18.0	169.00	12.32	149.40	10.40	139.40	9.50	129.60	8.64	125.00	8.06	120.20	7.52
	23.0	21.0	169.00	11.48	149.40	9.72	139.40	8.88	129.60	8.08	125.00	7.56	120.20	7.04
	26.0	24.0	169.00	10.74	149.40	9.10	139.40	8.34	129.60	7.58	125.00	7.10	120.20	6.60
	30.0	28.0	169.00	10.08	149.40	8.54	139.40	7.84	129.60	7.14	125.00	6.68	120.20	6.22
	35.0	32.0	169.00	9.20	149.40	7.82	139.40	7.18	129.60	6.56	125.00	6.14	120.20	5.72
	39.0	36.0	169.00	8.68	149.40	7.40	139.40	6.80	129.60	6.22	125.00	5.82	120.20	5.44
	44.0	40.0	169.00	8.22	149.40	7.04	139.40	6.48	129.60	5.92	125.00	5.54	120.20	5.18
	47.0	43.0	169.00	8.02	149.40	6.86	139.40	6.32	129.60	5.78	125.00	5.42	120.20	5.06
	51.0	47.0	169.00	7.66	149.40	6.56	139.40	6.04	129.60	5.54	125.00	5.20	120.20	4.86
	54.0	50.0	169.00	7.32	149.40	6.28	139.40	5.82	129.60	5.32	125.00	5.00	120.20	4.66
	57.0	53.0	169.00	6.90	149.40	5.94	139.40	5.50	129.60	5.04	125.00	4.74	120.20	4.44
	60.0	56.0	169.00	6.66	149.40	5.74	139.40	5.32	129.60	4.90	125.00	4.60	120.20	4.30
50	-21.8	-22.0	140.80	23.40	124.40	19.68	116.20	17.86	108.00	16.20	104.20	15.12	100.20	14.08
	-17.8	-18.0	140.80	21.62	124.40	18.18	116.20	16.50	108.00	14.98	104.20	13.96	100.20	13.02
	-12.6	-13.0	140.80	19.20	124.40	16.14	116.20	14.66	108.00	13.30	104.20	12.40	100.20	11.56
	-7.1	-7.6	140.80	17.04	124.40	14.34	116.20	13.02	108.00	11.82	104.20	11.02	100.20	10.28
	-3.6	-4.0	140.80	15.76	124.40	13.26	116.20	12.04	108.00	10.94	104.20	10.20	100.20	9.52
	-1.8	-2.2	140.80	15.16	124.40	12.76	116.20	11.60	108.00	10.52	104.20	9.82	100.20	9.16
	2.0	1.0	140.80	14.04	124.40	11.82	116.20	10.74	108.00	9.76	104.20	9.10	100.20	8.48
	6.0	5.0	140.80	12.52	124.40	10.56	116.20	9.60	108.00	8.74	104.20	8.14	100.20	7.60
	10.0	9.0	140.80	11.62	124.40	9.82	116.20	8.92	108.00	8.12	104.20	7.58	100.20	7.08
	13.0	12.0	140.80	11.22	124.40	9.46	116.20	8.62	108.00	7.84	104.20	7.32	100.20	6.82
	17.0	15.0	140.80	10.08	124.40	8.52	116.20	7.76	108.00	7.08	104.20	6.60	100.20	6.16
	19.0	18.0	140.80	9.74	124.40	8.24	116.20	7.52	108.00	6.84	104.20	6.38	100.20	5.96
	23.0	21.0	140.80	9.10	124.40	7.72	116.20	7.04	108.00	6.42	104.20	6.00	100.20	5.60
	26.0	24.0	140.80	8.54	124.40	7.24	116.20	6.62	108.00	6.04	104.20	5.64	100.20	5.26
	30.0	28.0	140.80	8.02	124.40	6.82	116.20	6.24	108.00	5.70	104.20	5.32	100.20	4.98
	35.0	32.0	140.80	7.36	124.40	6.28	116.20	5.74	108.00	5.24	104.20	4.90	100.20	4.58
	39.0	36.0	140.80	6.96	124.40	5.96	116.20	5.46	108.00	5.00	104.20	4.66	100.20	4.36
	44.0	40.0	140.80	6.62	124.40	5.66	116.20	5.20	108.00	4.76	104.20	4.46	100.20	4.16
	47.0	43.0	140.80	6.46	124.40	5.54	116.20	5.08	108.00	4.66	104.20	4.36	100.20	4.08
	51.0	47.0	140.80	6.18	124.40	5.32	116.20	4.88	108.00	4.48	104.20	4.18	100.20	3.92
	54.0	50.0	140.80	5.94	124.40	5.10	116.20	4.70	108.00	4.32	104.20	4.04	100.20	3.78
	57.0	53.0	140.80	5.62	124.40	4.84	116.20	4.46	108.00	4.10	104.20	3.84	100.20	3.60
	60.0	56.0	140.80	5.44	124.40	4.70	116.20	4.32	108.00	3.98	104.20	3.74	100.20	3.50

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/VRC216L4M

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	182.40	3.24	221.70	4.53	261.00	5.76	280.80	6.51	320.10	7.56	364.42	8.25	406.55	9.42
	10	182.40	3.42	221.70	4.71	261.00	5.97	280.80	6.72	320.10	7.74	360.81	8.43	402.53	9.57
	14	182.40	3.60	221.70	4.92	261.00	6.18	280.80	6.93	320.10	7.95	357.24	8.61	398.54	9.72
	23	182.40	3.78	221.70	5.13	261.00	6.39	280.80	7.14	320.10	8.16	353.70	8.79	394.60	9.87
	27	182.40	3.99	221.70	5.34	261.00	6.63	280.80	7.35	320.10	8.37	350.20	8.97	390.69	10.02
	32	182.40	4.20	221.70	5.55	261.00	6.87	280.80	7.59	320.10	8.58	346.73	9.15	386.82	10.17
	37	182.40	4.41	221.70	5.79	261.00	7.11	280.80	7.83	320.10	8.79	343.30	9.33	382.99	10.32
	41	182.40	4.65	221.70	6.03	261.00	7.38	280.80	8.07	320.10	9.03	339.90	9.51	379.20	10.47
	46	182.40	4.77	221.70	6.15	261.00	7.53	280.80	8.22	320.10	9.21	339.90	9.72	379.20	10.74
	50	182.40	4.89	221.70	6.24	261.00	7.65	280.80	8.34	320.10	9.36	339.90	9.90	378.00	10.92
	54	182.40	5.04	221.70	6.42	261.00	7.83	280.80	8.52	320.10	9.57	339.90	10.11	375.90	11.13
	57	182.40	5.22	221.70	6.60	261.00	8.01	280.80	8.73	320.10	9.84	339.90	10.44	373.80	11.40
	61	182.40	5.37	221.70	6.81	261.00	8.28	280.80	9.00	320.10	10.17	339.90	10.77	371.70	11.73
	64	182.40	5.64	221.70	7.08	261.00	8.55	280.80	9.30	320.10	10.53	339.90	11.19	369.60	12.15
	68	182.40	5.85	221.70	7.35	261.00	8.88	280.80	9.69	320.10	11.01	339.90	11.70	367.20	12.75
	72	182.40	6.12	221.70	7.65	261.00	9.27	280.80	10.14	320.10	11.58	339.90	12.39	365.10	13.44
	75	182.40	6.42	221.70	7.98	261.00	9.75	280.80	10.68	320.10	12.30	339.90	13.17	363.00	14.31
	79	182.40	6.66	221.70	8.43	261.00	10.32	280.80	11.40	320.10	13.14	339.90	14.13	360.90	15.36
	82	182.40	7.14	221.70	8.91	261.00	11.04	280.80	12.18	320.10	14.16	339.90	15.27	358.80	16.44
	86	182.40	7.47	221.70	9.54	261.00	11.79	280.80	13.14	320.10	15.33	337.80	16.35	356.40	17.67
	90	182.40	8.01	221.70	10.17	261.00	12.81	280.80	14.25	320.10	16.47	335.70	17.46	354.30	19.05
	93	182.40	8.58	221.70	11.10	261.00	13.89	280.80	15.30	320.10	17.79	333.60	18.81	352.20	20.43
	95	182.40	8.88	221.70	11.61	261.00	14.40	280.80	15.84	320.10	18.54	332.40	19.53	351.00	20.91
	99	182.40	9.87	221.70	12.60	261.00	15.45	280.80	17.13	320.10	20.13	330.30	20.94	348.90	21.30
120	102	182.40	10.80	221.70	13.56	261.00	16.83	280.80	18.60	316.80	21.48	321.00	21.21	324.00	19.98
	106	182.40	11.73	221.70	14.79	261.00	18.33	280.80	20.19	294.90	20.43	296.10	19.77	299.10	18.63
	111	182.40	13.44	221.70	16.98	252.30	20.01	254.10	19.56	256.50	18.27	258.00	17.67	261.90	16.62
	115	182.40	14.82	220.20	18.72	227.40	18.57	228.00	18.03	230.70	16.83	232.80	16.29	237.00	15.27
	118	182.40	16.50	200.10	18.12	200.70	17.01	201.60	16.50	205.20	15.39	207.30	14.88	212.10	13.92
	120	181.20	17.58	186.30	17.28	187.50	16.23	188.40	15.72	192.60	14.67	194.70	14.19	199.50	13.26
	122	170.40	16.89	175.20	16.59	176.40	15.57	177.00	15.09	180.90	14.07	183.00	13.62	187.50	12.72
	5	168.60	3.03	204.90	4.20	241.20	5.28	259.20	5.97	295.50	6.90	313.50	7.56	375.03	8.61
	10	168.60	3.18	204.90	4.38	241.20	5.46	259.20	6.15	295.50	7.08	313.50	7.71	371.32	8.73
	14	168.60	3.36	204.90	4.56	241.20	5.67	259.20	6.33	295.50	7.26	313.50	7.86	367.64	8.85
	23	168.60	3.54	204.90	4.74	241.20	5.88	259.20	6.54	295.50	7.44	313.50	8.01	364.00	8.97
	27	168.60	3.72	204.90	4.95	241.20	6.09	259.20	6.75	295.50	7.62	313.50	8.16	360.40	9.12
	32	168.60	3.93	204.90	5.16	241.20	6.30	259.20	6.96	295.50	7.83	313.50	8.34	356.83	9.27
	37	168.60	4.14	204.90	5.37	241.20	6.54	259.20	7.17	295.50	8.04	313.50	8.52	353.30	9.42
	41	168.60	4.35	204.90	5.58	241.20	6.78	259.20	7.38	295.50	8.25	313.50	8.70	349.80	9.57
	46	168.60	4.44	204.90	5.67	241.20	6.90	259.20	7.50	295.50	8.40	313.50	8.85	349.80	9.78
	50	168.60	4.56	204.90	5.76	241.20	6.99	259.20	7.62	295.50	8.55	313.50	9.00	349.80	9.96
	54	168.60	4.68	204.90	5.91	241.20	7.14	259.20	7.77	295.50	8.70	313.50	9.18	349.80	10.17
	57	168.60	4.80	204.90	6.06	241.20	7.32	259.20	7.95	295.50	8.94	313.50	9.45	349.80	10.50
	61	168.60	4.95	204.90	6.21	241.20	7.53	259.20	8.19	295.50	9.21	313.50	9.75	349.80	10.83
	64	168.60	5.16	204.90	6.45	241.20	7.77	259.20	8.43	295.50	9.51	313.50	10.08	349.80	11.28
	68	168.60	5.31	204.90	6.66	241.20	8.04	259.20	8.76	295.50	9.90	313.50	10.53	349.80	11.82
	72	168.60	5.52	204.90	6.93	241.20	8.37	259.20	9.15	295.50	10.41	313.50	11.07	349.80	12.54
	75	168.60	5.79	204.90	7.23	241.20	8.79	259.20	9.63	295.50	11.04	313.50	11.79	349.80	13.41
	79	168.60	6.03	204.90	7.65	241.20	9.33	259.20	10.26	295.50	11.79	313.50	12.63	349.80	14.49
	82	168.60	6.45	204.90	8.07	241.20	9.96	259.20	10.98	295.50	12.69	313.50	13.62	349.80	15.63
	86	168.60	6.81	204.90	8.61	241.20	10.65	259.20	11.82	295.50	13.74	313.50	14.73	349.20	16.80
	90	168.60	7.26	204.90	9.21	241.20	11.55	259.20	12.84	295.50	14.82	313.50	15.87	346.80	17.97
	93	168.60	7.74	204.90	9.99	241.20	12.54	259.20	13.89	295.50	15.96	313.50	17.13	344.70	19.29
	95	168.60	8.01	204.90	10.44	241.20	13.02	259.20	14.40	295.50	16.59	313.50	17.82	343.80	19.92
	99	168.60	8.85	204.90	11.34	241.20	14.07	259.20	15.54	295.50	17.94	313.50	19.23	341.40	21.06
	102	168.60	9.69	204.90	12.30	241.20	15.27	259.20	16.83	295.50	19.38	311.40	20.43	319.50	19.95
	106	168.60	10.56	204.90	13.44	241.20	16.56	259.20	18.21	288.00	19.98	291.00	19.59	294.60	18.60
	111	168.60	12.21	204.90	15.36	239.70	18.54	248.10	19.08	251.10	18.00	252.90	17.49	257.40	16.59
	115	168.60	13.47	204.60	16.83	220.80	17.91	222.00	17.61	225.60	16.56	227.70	16.11	232.50	15.24
	118	168.60	14.91	192.00	17.01	194.40	16.38	195.60	16.08	200.10	15.12	202.50	14.70	207.60	13.89
	120	168.60	15.78	178.80	16.26	181.20	15.60	182.40	15.30	187.20	14.40	189.60	14.01	195.30	13.23
	122	158.40	15.15	168.00	15.60	170.40	14.97	171.60	14.70	176.10	13.83	178.20	13.44	183.60	12.69

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/VRC216L4M

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	154.50	2.82	187.80	3.81	221.10	4.83	237.60	5.40	270.90	6.30	287.40	6.84	320.70	7.83
	10	154.50	2.97	187.80	3.96	221.10	5.01	237.60	5.58	270.90	6.45	287.40	6.99	320.70	7.95
	14	154.50	3.12	187.80	4.14	221.10	5.19	237.60	5.76	270.90	6.60	287.40	7.14	320.70	8.07
	23	154.50	3.27	187.80	4.32	221.10	5.37	237.60	5.94	270.90	6.78	287.40	7.29	320.70	8.19
	27	154.50	3.45	187.80	4.50	221.10	5.55	237.60	6.12	270.90	6.96	287.40	7.44	320.70	8.31
	32	154.50	3.63	187.80	4.68	221.10	5.76	237.60	6.30	270.90	7.14	287.40	7.59	320.70	8.43
	37	154.50	3.81	187.80	4.89	221.10	5.97	237.60	6.48	270.90	7.32	287.40	7.74	320.70	8.55
	41	154.50	4.02	187.80	5.10	221.10	6.18	237.60	6.69	270.90	7.50	287.40	7.89	320.70	8.67
	46	154.50	4.14	187.80	5.19	221.10	6.27	237.60	6.81	270.90	7.62	287.40	8.01	320.70	8.82
	50	154.50	4.20	187.80	5.28	221.10	6.36	237.60	6.90	270.90	7.71	287.40	8.13	320.70	8.97
	54	154.50	4.29	187.80	5.37	221.10	6.48	237.60	7.02	270.90	7.86	287.40	8.28	320.70	9.15
	57	154.50	4.41	187.80	5.49	221.10	6.60	237.60	7.17	270.90	8.04	287.40	8.49	320.70	9.39
	61	154.50	4.50	187.80	5.64	221.10	6.78	237.60	7.38	270.90	8.28	287.40	8.73	320.70	9.69
	64	154.50	4.65	187.80	5.79	221.10	6.99	237.60	7.59	270.90	8.55	287.40	9.03	320.70	10.05
	68	154.50	4.77	187.80	5.97	221.10	7.20	237.60	7.86	270.90	8.88	287.40	9.39	320.70	10.50
	72	154.50	4.92	187.80	6.21	221.10	7.50	237.60	8.19	270.90	9.27	287.40	9.84	320.70	11.07
	75	154.50	5.16	187.80	6.48	221.10	7.89	237.60	8.61	270.90	9.81	287.40	10.44	320.70	11.82
	79	154.50	5.43	187.80	6.84	221.10	8.34	237.60	9.15	270.90	10.47	287.40	11.19	320.70	12.75
	82	154.50	5.79	187.80	7.26	221.10	8.88	237.60	9.81	270.90	11.28	287.40	12.09	320.70	13.77
	86	154.50	6.12	187.80	7.74	221.10	9.57	237.60	10.59	270.90	12.21	287.40	13.08	320.70	14.91
	90	154.50	6.51	187.80	8.25	221.10	10.32	237.60	11.49	270.90	13.23	287.40	14.13	320.70	16.05
	93	154.50	6.90	187.80	8.91	221.10	11.22	237.60	12.45	270.90	14.31	287.40	15.24	320.70	17.22
	95	154.50	7.17	187.80	9.30	221.10	11.67	237.60	12.99	270.90	14.85	287.40	15.81	320.70	17.85
	99	154.50	7.80	187.80	10.11	221.10	12.69	237.60	14.04	270.90	15.99	287.40	17.01	320.70	19.17
	102	154.50	8.55	187.80	11.04	221.10	13.77	237.60	15.18	270.90	17.22	287.40	18.30	314.70	19.92
	106	154.50	9.39	187.80	12.09	221.10	14.91	237.60	16.35	270.60	18.48	283.20	19.14	290.40	18.57
	111	154.50	10.98	187.80	13.80	221.10	16.74	236.40	18.03	245.70	17.73	248.10	17.34	252.90	16.56
	115	154.50	12.12	187.80	15.03	213.60	17.13	216.00	17.16	220.20	16.32	222.60	15.93	228.00	15.21
	118	154.50	13.32	182.70	15.72	188.10	15.75	189.60	15.63	194.70	14.88	197.40	14.52	203.10	13.86
	120	154.50	13.98	171.00	15.21	174.60	14.97	176.70	14.88	181.80	14.16	184.80	13.83	190.80	13.20
	122	145.20	13.41	160.80	14.61	164.10	14.37	166.20	14.28	171.00	13.59	173.70	13.29	179.40	12.66
100	5	140.40	2.58	170.70	3.51	201.00	4.35	216.00	4.89	246.30	5.64	261.30	6.15	291.60	6.96
	10	140.40	2.73	170.70	3.66	201.00	4.50	216.00	5.04	246.30	5.79	261.30	6.27	291.60	7.08
	14	140.40	2.88	170.70	3.81	201.00	4.65	216.00	5.19	246.30	5.94	261.30	6.39	291.60	7.20
	23	140.40	3.03	170.70	3.96	201.00	4.83	216.00	5.34	246.30	6.09	261.30	6.51	291.60	7.32
	27	140.40	3.18	170.70	4.11	201.00	5.01	216.00	5.49	246.30	6.24	261.30	6.63	291.60	7.44
	32	140.40	3.36	170.70	4.29	201.00	5.19	216.00	5.67	246.30	6.39	261.30	6.78	291.60	7.56
	37	140.40	3.54	170.70	4.47	201.00	5.37	216.00	5.85	246.30	6.54	261.30	6.93	291.60	7.68
	41	140.40	3.72	170.70	4.65	201.00	5.55	216.00	6.03	246.30	6.72	261.30	7.08	291.60	7.80
	46	140.40	3.81	170.70	4.74	201.00	5.64	216.00	6.12	246.30	6.81	261.30	7.17	291.60	7.89
	50	140.40	3.87	170.70	4.80	201.00	5.73	216.00	6.18	246.30	6.90	261.30	7.26	291.60	8.01
	54	140.40	3.93	170.70	4.86	201.00	5.82	216.00	6.30	246.30	7.02	261.30	7.41	291.60	8.16
	57	140.40	3.99	170.70	4.95	201.00	5.91	216.00	6.42	246.30	7.17	261.30	7.56	291.60	8.34
	61	140.40	4.05	170.70	5.04	201.00	6.06	216.00	6.57	246.30	7.35	261.30	7.77	291.60	8.58
	64	140.40	4.17	170.70	5.16	201.00	6.21	216.00	6.75	246.30	7.56	261.30	8.01	291.60	8.88
	68	140.40	4.23	170.70	5.28	201.00	6.39	216.00	6.96	246.30	7.86	261.30	8.31	291.60	9.24
	72	140.40	4.35	170.70	5.46	201.00	6.66	216.00	7.26	246.30	8.19	261.30	8.70	291.60	9.72
	75	140.40	4.53	170.70	5.73	201.00	6.96	216.00	7.59	246.30	8.64	261.30	9.18	291.60	10.32
	79	140.40	4.80	170.70	6.06	201.00	7.38	216.00	8.04	246.30	9.18	261.30	9.81	291.60	11.10
	82	140.40	5.13	170.70	6.42	201.00	7.86	216.00	8.64	246.30	9.93	261.30	10.62	291.60	12.06
	86	140.40	5.46	170.70	6.87	201.00	8.46	216.00	9.36	246.30	10.77	261.30	11.52	291.60	13.05
	90	140.40	5.76	170.70	7.32	201.00	9.15	216.00	10.20	246.30	11.70	261.30	12.48	291.60	14.16
	93	140.40	6.09	170.70	7.89	201.00	9.93	216.00	11.07	246.30	12.69	261.30	13.53	291.60	15.18
	95	140.40	6.30	170.70	8.19	201.00	10.35	216.00	11.52	246.30	13.23	261.30	14.04	291.60	15.66
	99	140.40	6.78	170.70	8.91	201.00	11.34	216.00	12.63	246.30	14.25	261.30	15.06	291.60	16.74
	102	140.40	7.41	170.70	9.81	201.00	12.36	216.00	13.62	246.30	15.27	261.30	16.14	291.60	17.91
	106	140.40	8.25	170.70	10.80	201.00	13.35	216.00	14.64	246.30	16.38	261.30	17.28	285.90	18.54
	111	140.40	9.75	170.70	12.33	201.00	14.91	216.00	16.26	239.70	17.28	243.00	17.16	248.70	16.53
	115	140.40	10.77	170.70	13.32	201.00	15.96	210.00	16.74	214.80	16.05	217.80	15.75	223.80	15.18
	118	140.40	11.70	170.70	14.31	181.80	15.12	183.90	15.21	189.30	14.61	192.30	14.34	198.90	13.86
	120	140.40	12.18	162.90	14.07	168.30	14.34	170.70	14.43	176.70	13.89	179.70	13.65	186.30	13.17
	122	132.00	11.70	153.00	13.50	158.10	13.77	160.50	13.86	166.20	13.32	168.90	13.11	175.20	12.63

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/VRC216L4M

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	126.30	2.34	153.60	3.12	180.90	3.87	194.40	4.35	221.70	5.04	235.20	5.46	262.50	6.30
	10	126.30	2.46	153.60	3.24	180.90	4.02	194.40	4.47	221.70	5.16	235.20	5.58	262.50	6.39
	14	126.30	2.58	153.60	3.39	180.90	4.17	194.40	4.62	221.70	5.28	235.20	5.70	262.50	6.48
	23	126.30	2.73	153.60	3.54	180.90	4.32	194.40	4.77	221.70	5.40	235.20	5.82	262.50	6.57
	27	126.30	2.88	153.60	3.69	180.90	4.47	194.40	4.92	221.70	5.55	235.20	5.94	262.50	6.66
	32	126.30	3.03	153.60	3.84	180.90	4.62	194.40	5.07	221.70	5.70	235.20	6.06	262.50	6.75
	37	126.30	3.18	153.60	3.99	180.90	4.80	194.40	5.22	221.70	5.85	235.20	6.18	262.50	6.84
	41	126.30	3.36	153.60	4.17	180.90	4.98	194.40	5.37	221.70	6.00	235.20	6.30	262.50	6.93
	46	126.30	3.45	153.60	4.26	180.90	5.07	194.40	5.46	221.70	6.09	235.20	6.39	262.50	7.02
	50	126.30	3.54	153.60	4.32	180.90	5.13	194.40	5.55	221.70	6.15	235.20	6.48	262.50	7.11
	54	126.30	3.60	153.60	4.41	180.90	5.22	194.40	5.61	221.70	6.27	235.20	6.57	262.50	7.20
	57	126.30	3.66	153.60	4.47	180.90	5.31	194.40	5.73	221.70	6.39	235.20	6.69	262.50	7.38
	61	126.30	3.72	153.60	4.56	180.90	5.43	194.40	5.85	221.70	6.54	235.20	6.87	262.50	7.56
	64	126.30	3.81	153.60	4.68	180.90	5.55	194.40	6.00	221.70	6.72	235.20	7.08	262.50	7.80
	68	126.30	3.87	153.60	4.77	180.90	5.73	194.40	6.21	221.70	6.96	235.20	7.35	262.50	8.13
	72	126.30	3.96	153.60	4.95	180.90	5.94	194.40	6.45	221.70	7.26	235.20	7.65	262.50	8.52
	75	126.30	4.14	153.60	5.16	180.90	6.21	194.40	6.75	221.70	7.62	235.20	8.07	262.50	9.00
	79	126.30	4.35	153.60	5.43	180.90	6.54	194.40	7.11	221.70	8.07	235.20	8.55	262.50	9.57
	82	126.30	4.59	153.60	5.73	180.90	6.96	194.40	7.59	221.70	8.61	235.20	9.15	262.50	10.29
	86	126.30	4.86	153.60	6.09	180.90	7.44	194.40	8.16	221.70	9.30	235.20	9.90	262.50	11.13
	90	126.30	5.13	153.60	6.48	180.90	8.01	194.40	8.82	221.70	10.05	235.20	10.68	262.50	12.00
	93	126.30	5.40	153.60	6.96	180.90	8.67	194.40	9.54	221.70	10.86	235.20	11.55	262.50	12.96
	95	126.30	5.61	153.60	7.26	180.90	9.03	194.40	9.96	221.70	11.34	235.20	12.03	262.50	13.44
	99	126.30	6.09	153.60	7.89	180.90	9.84	194.40	10.86	221.70	12.27	235.20	12.96	262.50	14.37
	102	126.30	6.72	153.60	8.70	180.90	10.74	194.40	11.79	221.70	13.20	235.20	13.92	262.50	15.39
	106	126.30	7.50	153.60	9.54	180.90	11.67	194.40	12.75	221.70	14.25	235.20	15.00	262.50	16.56
	111	126.30	8.73	153.60	10.92	180.90	13.20	194.40	14.37	221.10	15.87	232.20	16.41	244.20	16.50
	115	126.30	9.66	153.60	11.91	180.60	14.28	193.20	15.42	206.40	15.60	210.60	15.45	219.30	15.15
	118	126.30	10.56	152.10	12.81	167.40	14.10	172.50	14.49	180.90	14.16	185.40	14.04	194.40	13.83
	120	126.30	11.07	144.00	12.60	154.20	13.35	159.30	13.71	168.00	13.44	172.80	13.35	182.10	13.14
	122	118.80	10.62	135.30	12.09	144.90	12.81	149.70	13.17	157.80	12.90	162.30	12.81	171.30	12.60
80	5	112.20	2.04	136.50	2.70	160.80	3.30	172.80	3.69	197.10	4.26	209.10	4.68	233.40	5.22
	10	112.20	2.16	136.50	2.82	160.80	3.45	172.80	3.81	197.10	4.38	209.10	4.80	233.40	5.34
	14	112.20	2.28	136.50	2.94	160.80	3.60	172.80	3.96	197.10	4.53	209.10	4.92	233.40	5.46
	23	112.20	2.40	136.50	3.09	160.80	3.75	172.80	4.11	197.10	4.68	209.10	5.04	233.40	5.58
	27	112.20	2.55	136.50	3.24	160.80	3.90	172.80	4.26	197.10	4.83	209.10	5.16	233.40	5.70
	32	112.20	2.70	136.50	3.39	160.80	4.05	172.80	4.41	197.10	4.98	209.10	5.28	233.40	5.82
	37	112.20	2.85	136.50	3.54	160.80	4.23	172.80	4.56	197.10	5.13	209.10	5.40	233.40	5.94
	41	112.20	3.03	136.50	3.72	160.80	4.41	172.80	4.74	197.10	5.28	209.10	5.55	233.40	6.06
	46	112.20	3.12	136.50	3.81	160.80	4.50	172.80	4.83	197.10	5.37	209.10	5.61	233.40	6.15
	50	112.20	3.18	136.50	3.87	160.80	4.56	172.80	4.89	197.10	5.43	209.10	5.67	233.40	6.21
	54	112.20	3.24	136.50	3.93	160.80	4.62	172.80	4.95	197.10	5.49	209.10	5.76	233.40	6.30
	57	112.20	3.30	136.50	3.99	160.80	4.71	172.80	5.04	197.10	5.58	209.10	5.85	233.40	6.42
	61	112.20	3.36	136.50	4.08	160.80	4.80	172.80	5.16	197.10	5.73	209.10	6.00	233.40	6.57
	64	112.20	3.45	136.50	4.17	160.80	4.92	172.80	5.28	197.10	5.88	209.10	6.18	233.40	6.78
	68	112.20	3.51	136.50	4.26	160.80	5.04	172.80	5.46	197.10	6.06	209.10	6.39	233.40	7.02
	72	112.20	3.57	136.50	4.41	160.80	5.22	172.80	5.67	197.10	6.33	209.10	6.66	233.40	7.35
	75	112.20	3.69	136.50	4.56	160.80	5.46	172.80	5.91	197.10	6.63	209.10	7.02	233.40	7.77
	79	112.20	3.84	136.50	4.77	160.80	5.73	172.80	6.21	197.10	7.02	209.10	7.44	233.40	8.25
	82	112.20	4.02	136.50	5.01	160.80	6.06	172.80	6.60	197.10	7.44	209.10	7.89	233.40	8.76
	86	112.20	4.23	136.50	5.31	160.80	6.45	172.80	7.02	197.10	7.95	209.10	8.43	233.40	9.39
	90	112.20	4.47	136.50	5.64	160.80	6.90	172.80	7.53	197.10	8.55	209.10	9.06	233.40	10.11
	93	112.20	4.74	136.50	6.06	160.80	7.41	172.80	8.13	197.10	9.21	209.10	9.78	233.40	10.92
	95	112.20	4.95	136.50	6.30	160.80	7.71	172.80	8.46	197.10	9.57	209.10	10.14	233.40	11.31
	99	112.20	5.40	136.50	6.87	160.80	8.40	172.80	9.18	197.10	10.38	209.10	10.98	233.40	12.15
	102	112.20	6.00	136.50	7.56	160.80	9.18	172.80	10.02	197.10	11.22	209.10	11.82	233.40	13.08
	106	112.20	6.60	136.50	8.25	160.80	9.99	172.80	10.89	197.10	12.15	209.10	12.78	233.40	14.04
	111	112.20	7.62	136.50	9.51	160.80	11.46	172.80	12.45	197.10	13.80	209.10	14.46	233.40	15.78
	115	112.20	8.49	136.50	10.50	160.80	12.60	172.80	13.68	194.10	14.67	202.20	14.94	215.10	15.12
	118	112.20	9.48	133.80	11.37	152.40	12.99	161.10	13.74	172.50	13.74	178.20	13.74	190.20	13.80
	120	108.00	9.63	124.50	11.04	140.40	12.36	148.20	12.99	159.60	13.02	165.60	13.05	177.60	13.11
	122	101.40	9.24	117.00	10.59	132.00	11.88	139.20	12.48	150.00	12.51	155.70	12.54	166.80	12.60

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/VRC216L4M

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	98.40	1.80	119.40	2.37	140.70	2.88	151.20	3.24	172.50	3.72	183.00	4.02	204.00	4.59
	10	98.40	1.92	119.40	2.49	140.70	3.00	151.20	3.36	172.50	3.84	183.00	4.11	204.00	4.68
	14	98.40	2.04	119.40	2.61	140.70	3.12	151.20	3.48	172.50	3.96	183.00	4.20	204.00	4.77
	23	98.40	2.16	119.40	2.73	140.70	3.24	151.20	3.60	172.50	4.08	183.00	4.32	204.00	4.86
	27	98.40	2.28	119.40	2.85	140.70	3.39	151.20	3.72	172.50	4.20	183.00	4.44	204.00	4.95
	32	98.40	2.40	119.40	2.97	140.70	3.54	151.20	3.84	172.50	4.32	183.00	4.56	204.00	5.04
	37	98.40	2.55	119.40	3.12	140.70	3.69	151.20	3.99	172.50	4.44	183.00	4.68	204.00	5.13
	41	98.40	2.70	119.40	3.27	140.70	3.84	151.20	4.14	172.50	4.59	183.00	4.80	204.00	5.22
	46	98.40	2.76	119.40	3.33	140.70	3.93	151.20	4.23	172.50	4.65	183.00	4.86	204.00	5.31
	50	98.40	2.82	119.40	3.39	140.70	3.99	151.20	4.26	172.50	4.71	183.00	4.92	204.00	5.37
	54	98.40	2.88	119.40	3.45	140.70	4.05	151.20	4.32	172.50	4.77	183.00	4.98	204.00	5.43
	57	98.40	2.91	119.40	3.51	140.70	4.11	151.20	4.41	172.50	4.86	183.00	5.07	204.00	5.52
	61	98.40	2.97	119.40	3.57	140.70	4.17	151.20	4.47	172.50	4.95	183.00	5.19	204.00	5.64
	64	98.40	3.06	119.40	3.66	140.70	4.29	151.20	4.59	172.50	5.07	183.00	5.31	204.00	5.82
	68	98.40	3.09	119.40	3.75	140.70	4.41	151.20	4.74	172.50	5.25	183.00	5.49	204.00	6.03
	72	98.40	3.15	119.40	3.84	140.70	4.53	151.20	4.89	172.50	5.43	183.00	5.73	204.00	6.27
	75	98.40	3.24	119.40	3.96	140.70	4.71	151.20	5.10	172.50	5.70	183.00	6.00	204.00	6.60
	79	98.40	3.33	119.40	4.11	140.70	4.92	151.20	5.34	172.50	6.00	183.00	6.33	204.00	7.02
	82	98.40	3.45	119.40	4.32	140.70	5.19	151.20	5.64	172.50	6.36	183.00	6.72	204.00	7.44
	86	98.40	3.60	119.40	4.53	140.70	5.49	151.20	5.97	172.50	6.72	183.00	7.11	204.00	7.89
	90	98.40	3.81	119.40	4.80	140.70	5.82	151.20	6.36	172.50	7.20	183.00	7.62	204.00	8.49
	93	98.40	4.02	119.40	5.13	140.70	6.24	151.20	6.81	172.50	7.71	183.00	8.19	204.00	9.12
	95	98.40	4.20	119.40	5.34	140.70	6.48	151.20	7.08	172.50	8.04	183.00	8.52	204.00	9.48
	99	98.40	4.56	119.40	5.79	140.70	7.05	151.20	7.68	172.50	8.70	183.00	9.18	204.00	10.20
	102	98.40	5.10	119.40	6.39	140.70	7.71	151.20	8.37	172.50	9.42	183.00	9.96	204.00	11.01
	106	98.40	5.58	119.40	6.99	140.70	8.43	151.20	9.18	172.50	10.26	183.00	10.80	204.00	11.88
	111	98.40	6.42	119.40	8.07	140.70	9.75	151.20	10.59	172.50	11.70	183.00	12.24	204.00	13.35
	115	98.40	7.26	119.40	9.00	140.70	10.80	151.20	11.70	172.50	12.78	182.40	13.32	201.90	14.28
	118	98.40	8.31	117.30	10.08	136.80	11.85	146.70	12.75	160.80	13.11	167.70	13.26	180.90	13.50
	120	91.50	8.64	108.60	10.11	126.30	11.64	135.60	12.39	148.50	12.54	155.10	12.63	168.30	12.84
	122	86.10	8.28	102.00	9.72	118.80	11.16	127.50	11.88	139.50	12.03	145.80	12.12	158.10	12.33
60	5	84.30	1.53	102.30	1.98	120.60	2.40	129.60	2.67	147.60	2.94	156.90	3.09	174.90	3.33
	10	84.30	1.62	102.30	2.07	120.60	2.52	129.60	2.79	147.60	3.06	156.90	3.21	174.90	3.48
	14	84.30	1.71	102.30	2.19	120.60	2.64	129.60	2.91	147.60	3.18	156.90	3.33	174.90	3.63
	23	84.30	1.83	102.30	2.31	120.60	2.76	129.60	3.03	147.60	3.30	156.90	3.48	174.90	3.78
	27	84.30	1.95	102.30	2.43	120.60	2.88	129.60	3.15	147.60	3.45	156.90	3.63	174.90	3.93
	32	84.30	2.07	102.30	2.55	120.60	3.03	129.60	3.27	147.60	3.60	156.90	3.78	174.90	4.08
	37	84.30	2.19	102.30	2.67	120.60	3.18	129.60	3.42	147.60	3.75	156.90	3.93	174.90	4.26
	41	84.30	2.34	102.30	2.82	120.60	3.33	129.60	3.57	147.60	3.90	156.90	4.08	174.90	4.44
	46	84.30	2.40	102.30	2.88	120.60	3.39	129.60	3.63	147.60	3.96	156.90	4.14	174.90	4.50
	50	84.30	2.43	102.30	2.94	120.60	3.42	129.60	3.66	147.60	4.02	156.90	4.20	174.90	4.53
	54	84.30	2.49	102.30	2.97	120.60	3.48	129.60	3.72	147.60	4.08	156.90	4.26	174.90	4.59
	57	84.30	2.52	102.30	3.03	120.60	3.54	129.60	3.78	147.60	4.14	156.90	4.32	174.90	4.68
	61	84.30	2.55	102.30	3.06	120.60	3.60	129.60	3.84	147.60	4.20	156.90	4.41	174.90	4.77
	64	84.30	2.61	102.30	3.15	120.60	3.66	129.60	3.93	147.60	4.32	156.90	4.50	174.90	4.89
	68	84.30	2.67	102.30	3.21	120.60	3.75	129.60	4.02	147.60	4.44	156.90	4.65	174.90	5.07
	72	84.30	2.70	102.30	3.27	120.60	3.87	129.60	4.14	147.60	4.59	156.90	4.80	174.90	5.25
	75	84.30	2.76	102.30	3.39	120.60	3.99	129.60	4.32	147.60	4.80	156.90	5.04	174.90	5.52
	79	84.30	2.82	102.30	3.48	120.60	4.17	129.60	4.50	147.60	5.04	156.90	5.31	174.90	5.85
	82	84.30	2.91	102.30	3.63	120.60	4.35	129.60	4.74	147.60	5.31	156.90	5.61	174.90	6.21
	86	84.30	3.00	102.30	3.78	120.60	4.59	129.60	4.98	147.60	5.61	156.90	5.91	174.90	6.57
	90	84.30	3.18	102.30	3.99	120.60	4.83	129.60	5.25	147.60	5.94	156.90	6.30	174.90	7.02
	93	84.30	3.30	102.30	4.23	120.60	5.13	129.60	5.58	147.60	6.36	156.90	6.75	174.90	7.53
	95	84.30	3.45	102.30	4.38	120.60	5.34	129.60	5.82	147.60	6.60	156.90	7.02	174.90	7.83
	99	84.30	3.72	102.30	4.74	120.60	5.79	129.60	6.33	147.60	7.17	156.90	7.62	174.90	8.46
	102	84.30	4.14	102.30	5.25	120.60	6.36	129.60	6.93	147.60	7.80	156.90	8.25	174.90	9.18
	106	84.30	4.59	102.30	5.76	120.60	6.99	129.60	7.62	147.60	8.55	156.90	9.03	174.90	9.96
	111	84.30	5.31	102.30	6.69	120.60	8.13	129.60	8.85	147.60	9.78	156.90	10.26	174.90	11.19
	115	84.30	5.94	102.30	7.47	120.60	9.00	129.60	9.78	147.60	10.71	156.90	11.19	174.90	12.09
	118	84.30	6.93	102.00	8.55	120.30	10.14	129.60	10.92	144.00	11.70	151.50	12.06	166.50	12.66
	120	79.50	7.59	96.00	9.12	113.10	10.65	121.80	11.43	134.40	11.79	141.00	11.97	153.90	12.27
	122	74.70	7.29	90.30	8.76	106.20	10.23	114.60	10.98	126.30	11.31	132.60	11.49	144.60	11.79

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/VRC216L4M

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	1.29	85.20	1.68	100.50	2.04	108.00	2.25	123.00	2.43	130.80	2.52	145.80	2.73
	10	70.20	1.38	85.20	1.77	100.50	2.13	108.00	2.34	123.00	2.52	130.80	2.64	145.80	2.85
	14	70.20	1.47	85.20	1.86	100.50	2.22	108.00	2.43	123.00	2.64	130.80	2.76	145.80	2.97
	23	70.20	1.56	85.20	1.95	100.50	2.31	108.00	2.52	123.00	2.76	130.80	2.88	145.80	3.09
	27	70.20	1.65	85.20	2.04	100.50	2.43	108.00	2.64	123.00	2.88	130.80	3.00	145.80	3.21
	32	70.20	1.74	85.20	2.16	100.50	2.55	108.00	2.76	123.00	3.00	130.80	3.12	145.80	3.33
	37	70.20	1.86	85.20	2.28	100.50	2.67	108.00	2.88	123.00	3.12	130.80	3.24	145.80	3.48
	41	70.20	1.98	85.20	2.40	100.50	2.79	108.00	3.00	123.00	3.24	130.80	3.36	145.80	3.63
	46	70.20	2.04	85.20	2.43	100.50	2.85	108.00	3.03	123.00	3.30	130.80	3.42	145.80	3.69
	50	70.20	2.07	85.20	2.49	100.50	2.88	108.00	3.09	123.00	3.33	130.80	3.48	145.80	3.72
	54	70.20	2.10	85.20	2.49	100.50	2.91	108.00	3.12	123.00	3.39	130.80	3.51	145.80	3.78
	57	70.20	2.10	85.20	2.52	100.50	2.97	108.00	3.18	123.00	3.45	130.80	3.57	145.80	3.84
	61	70.20	2.13	85.20	2.58	100.50	3.00	108.00	3.21	123.00	3.48	130.80	3.63	145.80	3.90
	64	70.20	2.19	85.20	2.64	100.50	3.06	108.00	3.27	123.00	3.57	130.80	3.72	145.80	3.99
	68	70.20	2.25	85.20	2.70	100.50	3.15	108.00	3.36	123.00	3.66	130.80	3.81	145.80	4.14
	72	70.20	2.28	85.20	2.76	100.50	3.21	108.00	3.45	123.00	3.78	130.80	3.96	145.80	4.29
	75	70.20	2.31	85.20	2.79	100.50	3.30	108.00	3.57	123.00	3.93	130.80	4.11	145.80	4.47
	79	70.20	2.34	85.20	2.88	100.50	3.42	108.00	3.72	123.00	4.11	130.80	4.32	145.80	4.71
	82	70.20	2.37	85.20	2.97	100.50	3.57	108.00	3.87	123.00	4.32	130.80	4.53	145.80	4.98
	86	70.20	2.43	85.20	3.09	100.50	3.72	108.00	4.05	123.00	4.53	130.80	4.80	145.80	5.28
	90	70.20	2.55	85.20	3.24	100.50	3.90	108.00	4.23	123.00	4.77	130.80	5.07	145.80	5.61
	93	70.20	2.67	85.20	3.39	100.50	4.11	108.00	4.47	123.00	5.07	130.80	5.40	145.80	6.03
	95	70.20	2.73	85.20	3.48	100.50	4.23	108.00	4.62	123.00	5.25	130.80	5.58	145.80	6.24
	99	70.20	2.97	85.20	3.78	100.50	4.62	108.00	5.04	123.00	5.73	130.80	6.09	145.80	6.81
	102	70.20	3.24	85.20	4.14	100.50	5.07	108.00	5.55	123.00	6.27	130.80	6.66	145.80	7.41
	106	70.20	3.66	85.20	4.62	100.50	5.61	108.00	6.12	123.00	6.90	130.80	7.32	145.80	8.10
	111	70.20	4.29	85.20	5.43	100.50	6.63	108.00	7.26	123.00	8.04	130.80	8.43	145.80	9.21
	115	70.20	4.80	85.20	6.06	100.50	7.35	108.00	8.01	123.00	8.79	130.80	9.18	145.80	9.96
	118	70.20	5.46	85.20	6.87	100.50	8.25	108.00	8.94	123.00	9.69	130.80	10.05	145.80	10.74
	120	70.20	6.12	85.20	7.50	100.50	8.85	108.00	9.51	119.10	10.20	125.40	10.53	139.80	11.16
	122	70.20	6.54	85.20	8.04	100.50	9.48	108.00	10.17	119.10	10.92	119.10	10.32	132.90	10.95

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/VRC216L4M

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	268.80	48.06	259.20	50.91	254.40	52.08	249.60	53.25	247.50	53.64	245.10	53.49
	-17.8	-18.0	283.50	48.84	273.90	51.69	269.10	52.86	264.30	54.03	261.90	54.42	259.80	54.27
	-12.6	-13.0	305.40	50.01	295.80	52.86	291.00	54.03	286.20	55.20	283.80	55.59	281.70	55.41
	-7.1	-7.6	327.30	51.18	317.70	54.03	312.90	55.20	308.10	56.37	303.90	56.76	293.10	54.03
	-3.6	-4.0	341.70	51.96	332.10	54.81	327.30	55.98	315.30	56.76	304.50	53.67	293.10	49.89
	-1.8	-2.2	349.20	52.35	339.60	55.20	334.80	56.37	315.90	55.50	304.50	51.60	293.10	47.97
	2.0	1.0	363.60	53.13	354.00	55.98	339.90	56.61	315.90	51.27	304.50	47.67	293.10	44.31
	6.0	5.0	385.50	54.30	363.90	55.17	339.90	50.25	315.90	45.51	304.50	42.33	293.10	39.36
	10.0	9.0	400.20	55.08	363.90	50.97	339.90	46.44	315.90	42.06	304.50	39.12	293.10	36.39
	13.0	12.0	407.40	55.47	363.90	48.99	339.90	44.64	315.90	40.44	304.50	37.62	293.10	34.98
	17.0	15.0	411.90	51.63	363.90	43.53	339.90	39.69	315.90	36.00	304.50	33.51	293.10	31.17
	19.0	18.0	411.90	49.62	363.90	41.88	339.90	38.19	315.90	34.65	304.50	32.25	293.10	30.00
	23.0	21.0	411.90	45.87	363.90	38.76	339.90	35.37	315.90	32.10	304.50	29.91	293.10	27.84
	26.0	24.0	411.90	42.45	363.90	35.91	339.90	32.79	315.90	29.79	304.50	27.78	293.10	25.86
	30.0	28.0	411.90	39.30	363.90	33.30	339.90	30.45	315.90	27.69	304.50	25.83	293.10	24.06
	35.0	32.0	411.90	35.10	363.90	29.82	339.90	27.33	315.90	24.90	304.50	23.25	293.10	21.69
	39.0	36.0	411.90	32.58	363.90	27.78	339.90	25.50	315.90	23.28	304.50	21.75	293.10	20.31
	44.0	40.0	411.90	30.33	363.90	25.95	339.90	23.85	315.90	21.81	304.50	20.40	293.10	19.05
	47.0	43.0	411.90	29.28	363.90	25.08	339.90	23.07	315.90	21.12	304.50	19.77	293.10	18.48
	51.0	47.0	411.90	27.36	363.90	23.52	339.90	21.69	315.90	19.89	304.50	18.63	293.10	17.43
	54.0	50.0	411.90	25.62	363.90	22.14	339.90	20.43	315.90	18.81	304.50	17.64	293.10	16.53
	57.0	53.0	411.90	23.37	363.90	20.31	339.90	18.84	315.90	17.37	304.50	16.32	293.10	15.33
	60.0	56.0	411.90	22.05	363.90	19.26	339.90	17.88	315.90	16.56	304.50	15.57	293.10	14.64
120	-21.8	-22.0	262.50	46.47	253.80	49.77	249.30	52.29	244.80	51.90	242.70	50.52	240.60	49.20
	-17.8	-18.0	277.20	47.25	268.20	50.55	264.00	53.07	259.50	52.68	257.40	51.30	255.30	49.98
	-12.6	-13.0	299.10	48.42	290.10	51.72	285.60	54.24	281.40	53.85	279.30	52.47	270.60	51.15
	-7.1	-7.6	321.00	49.59	312.00	52.89	307.50	55.41	291.60	52.53	281.10	48.81	270.60	45.42
	-3.6	-4.0	335.40	50.37	326.70	53.67	313.80	53.64	291.60	48.51	281.10	45.09	270.60	41.94
	-1.8	-2.2	342.90	50.76	333.90	54.06	313.80	51.54	291.60	46.62	281.10	43.35	270.60	40.32
	2.0	1.0	357.30	51.54	336.00	52.35	313.80	47.61	291.60	43.08	281.10	40.05	270.60	37.26
	6.0	5.0	379.20	52.71	336.00	46.47	313.80	42.27	291.60	38.25	281.10	35.58	270.60	33.09
	10.0	9.0	380.40	51.03	336.00	42.93	313.80	39.09	291.60	35.37	281.10	32.91	270.60	30.63
	13.0	12.0	380.40	49.05	336.00	41.28	313.80	37.59	291.60	34.02	281.10	31.65	270.60	29.46
	17.0	15.0	380.40	43.56	336.00	36.72	313.80	33.45	291.60	30.30	281.10	28.20	270.60	26.28
	19.0	18.0	380.40	41.91	336.00	35.31	313.80	32.19	291.60	29.19	281.10	27.15	270.60	25.29
	23.0	21.0	380.40	38.76	336.00	32.70	313.80	29.85	291.60	27.09	281.10	25.20	270.60	23.49
	26.0	24.0	380.40	35.88	336.00	30.33	313.80	27.69	291.60	25.17	281.10	23.43	270.60	21.84
	30.0	28.0	380.40	33.27	336.00	28.17	313.80	25.74	291.60	23.43	281.10	21.84	270.60	20.37
	35.0	32.0	380.40	29.76	336.00	25.29	313.80	23.16	291.60	21.12	281.10	19.71	270.60	18.39
	39.0	36.0	380.40	27.69	336.00	23.61	313.80	21.66	291.60	19.77	281.10	18.45	270.60	17.25
	44.0	40.0	380.40	25.83	336.00	22.08	313.80	20.28	291.60	18.57	281.10	17.34	270.60	16.23
	47.0	43.0	380.40	24.96	336.00	21.36	313.80	19.65	291.60	18.00	281.10	16.83	270.60	15.75
	51.0	47.0	380.40	23.37	336.00	20.07	313.80	18.51	291.60	17.01	281.10	15.90	270.60	14.91
	54.0	50.0	380.40	21.96	336.00	18.93	313.80	17.49	291.60	16.11	281.10	15.09	270.60	14.13
	57.0	53.0	380.40	20.10	336.00	17.46	313.80	16.17	291.60	14.94	281.10	14.01	270.60	13.17
	60.0	56.0	380.40	19.05	336.00	16.59	313.80	15.42	291.60	14.28	281.10	13.41	270.60	12.60
110	-21.8	-22.0	256.20	47.28	248.10	47.94	243.90	50.34	240.00	50.01	238.20	48.81	236.10	47.49
	-17.8	-18.0	270.90	48.06	262.80	48.72	258.60	51.12	254.70	50.79	252.60	49.59	248.10	48.27
	-12.6	-13.0	292.80	49.23	284.70	49.89	280.50	52.29	267.30	49.59	257.70	46.17	248.10	42.90
	-7.1	-7.6	314.70	50.40	306.30	51.06	287.70	48.66	267.30	44.01	257.70	41.01	248.10	38.07
	-3.6	-4.0	329.10	51.18	307.80	49.44	287.70	44.94	267.30	40.65	257.70	37.86	248.10	35.19
	-1.8	-2.2	336.30	51.57	307.80	47.52	287.70	43.20	267.30	39.09	257.70	36.39	248.10	33.81
	2.0	1.0	348.60	52.35	307.80	43.89	287.70	39.90	267.30	36.12	257.70	33.63	248.10	31.23
	6.0	5.0	348.60	46.47	307.80	39.00	287.70	35.46	267.30	32.10	257.70	29.91	248.10	27.78
	10.0	9.0	348.60	42.93	307.80	36.03	287.70	32.79	267.30	29.70	257.70	27.66	248.10	25.71
	13.0	12.0	348.60	41.28	307.80	34.65	287.70	31.53	267.30	28.56	257.70	26.61	248.10	24.75
	17.0	15.0	348.60	36.69	307.80	30.84	287.70	28.11	267.30	25.47	257.70	23.76	248.10	22.08
	19.0	18.0	348.60	35.28	307.80	29.70	287.70	27.06	267.30	24.54	257.70	22.89	248.10	21.30
	23.0	21.0	348.60	32.67	307.80	27.54	287.70	25.11	267.30	22.80	257.70	21.27	248.10	19.80
	26.0	24.0	348.60	30.30	307.80	25.56	287.70	23.34	267.30	21.21	257.70	19.80	248.10	18.45
	30.0	28.0	348.60	28.11	307.80	23.79	287.70	21.72	267.30	19.77	257.70	18.45	248.10	17.22
	35.0	32.0	348.60	25.20	307.80	21.39	287.70	19.59	267.30	17.88	257.70	16.71	248.10	15.60
	39.0	36.0	348.60	23.49	307.80	20.01	287.70	18.36	267.30	16.74	257.70	15.69	248.10	14.64
	44.0	40.0	348.60	21.96	307.80	18.75	287.70	17.22	267.30	15.75	257.70	14.76	248.10	13.80
	47.0	43.0	348.60	21.24	307.80	18.18	287.70	16.71	267.30	15.30	257.70	14.34	248.10	13.41
	51.0	47.0	348.60	19.95	307.80	17.13	287.70	15.78	267.30	14.49	257.70	13.59	248.10	12.72
	54.0	50.0	348.60	18.78	307.80	16.20	287.70	14.97	267.30	13.74	257.70	12.90	248.10	12.09
	57.0	53.0	348.60	17.28	307.80	15.00	287.70	13.89	267.30	12.81	257.70	12.03	248.10	11.31
	60.0	56.0	348.60	16.41	307.80	14.31	287.70	13.26	267.30	12.24	257.70	11.55	248.10	10.83

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/VRC216L4M

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	249.90	45.39	242.40	46.08	238.80	46.08	235.20	46.14	230.70	44.67	225.60	43.53
	-17.8	-18.0	264.60	46.17	257.10	46.86	253.50	46.86	243.00	46.56	234.30	43.35	225.60	40.26
	-12.6	-13.0	286.20	47.34	279.00	48.03	261.60	45.78	243.00	41.34	234.30	38.49	225.60	35.76
	-7.1	-7.6	308.10	48.51	279.90	44.73	261.60	40.65	243.00	36.72	234.30	34.17	225.60	31.74
	-3.6	-4.0	316.80	49.29	279.90	41.31	261.60	37.56	243.00	33.93	234.30	31.56	225.60	29.34
	-1.8	-2.2	316.80	47.37	279.90	39.72	261.60	36.09	243.00	32.61	234.30	30.36	225.60	28.20
	2.0	1.0	316.80	43.77	279.90	36.69	261.60	33.36	243.00	30.12	234.30	28.05	225.60	26.07
	6.0	5.0	316.80	38.85	279.90	32.61	261.60	29.64	243.00	26.79	234.30	24.96	225.60	23.19
	10.0	9.0	316.80	35.91	279.90	30.15	261.60	27.42	243.00	24.81	234.30	23.10	225.60	21.48
	13.0	12.0	316.80	34.53	279.90	29.01	261.60	26.40	243.00	23.88	234.30	22.23	225.60	20.67
	17.0	15.0	316.80	30.72	279.90	25.86	261.60	23.55	243.00	21.33	234.30	19.86	225.60	18.48
	19.0	18.0	316.80	29.58	279.90	24.90	261.60	22.68	243.00	20.55	234.30	19.14	225.60	17.82
	23.0	21.0	316.80	27.42	279.90	23.10	261.60	21.06	243.00	19.11	234.30	17.82	225.60	16.59
	26.0	24.0	316.80	25.44	279.90	21.48	261.60	19.62	243.00	17.82	234.30	16.62	225.60	15.48
	30.0	28.0	316.80	23.64	279.90	20.01	261.60	18.30	243.00	16.62	234.30	15.51	225.60	14.46
	35.0	32.0	316.80	21.27	279.90	18.06	261.60	16.56	243.00	15.09	234.30	14.07	225.60	13.14
	39.0	36.0	316.80	19.86	279.90	16.92	261.60	15.51	243.00	14.16	234.30	13.23	225.60	12.39
	44.0	40.0	316.80	18.60	279.90	15.90	261.60	14.61	243.00	13.35	234.30	12.48	225.60	11.70
	47.0	43.0	316.80	18.03	279.90	15.42	261.60	14.19	243.00	12.99	234.30	12.15	225.60	11.37
	51.0	47.0	316.80	16.98	279.90	14.58	261.60	13.44	243.00	12.33	234.30	11.55	225.60	10.80
	54.0	50.0	316.80	16.05	279.90	13.83	261.60	12.78	243.00	11.73	234.30	10.98	225.60	10.32
	57.0	53.0	316.80	14.82	279.90	12.84	261.60	11.91	243.00	10.98	234.30	10.29	225.60	9.66
	60.0	56.0	316.80	14.13	279.90	12.27	261.60	11.40	243.00	10.53	234.30	9.87	225.60	9.30
90	-21.8	-22.0	243.60	46.74	237.00	45.15	231.30	45.12	218.70	42.87	210.90	39.96	203.10	37.05
	-17.8	-18.0	258.00	47.52	251.40	45.93	235.20	43.77	218.70	39.66	210.90	36.93	203.10	34.23
	-12.6	-13.0	279.90	48.69	252.00	42.78	235.20	38.88	218.70	35.19	210.90	32.79	203.10	30.39
	-7.1	-7.6	285.30	45.33	252.00	38.01	235.20	34.50	218.70	31.26	210.90	29.10	203.10	26.97
	-3.6	-4.0	285.30	41.88	252.00	35.10	235.20	31.89	218.70	28.89	210.90	26.88	203.10	24.93
	-1.8	-2.2	285.30	40.26	252.00	33.75	235.20	30.66	218.70	27.75	210.90	25.86	203.10	23.97
	2.0	1.0	285.30	37.20	252.00	31.17	235.20	28.32	218.70	25.65	210.90	23.91	203.10	22.17
	6.0	5.0	285.30	33.03	252.00	27.72	235.20	25.20	218.70	22.83	210.90	21.27	203.10	19.74
	10.0	9.0	285.30	30.54	252.00	25.65	235.20	23.34	218.70	21.15	210.90	19.71	203.10	18.30
	13.0	12.0	285.30	29.40	252.00	24.69	235.20	22.44	218.70	20.37	210.90	18.99	203.10	17.61
	17.0	15.0	285.30	26.19	252.00	22.02	235.20	20.07	218.70	18.21	210.90	16.98	203.10	15.78
	19.0	18.0	285.30	25.23	252.00	21.24	235.20	19.35	218.70	17.58	210.90	16.38	203.10	15.21
	23.0	21.0	285.30	23.40	252.00	19.74	235.20	18.00	218.70	16.35	210.90	15.27	203.10	14.19
	26.0	24.0	285.30	21.75	252.00	18.39	235.20	16.77	218.70	15.27	210.90	14.25	203.10	13.26
	30.0	28.0	285.30	20.25	252.00	17.16	235.20	15.66	218.70	14.28	210.90	13.35	203.10	12.42
	35.0	32.0	285.30	18.27	252.00	15.54	235.20	14.22	218.70	12.99	210.90	12.15	203.10	11.31
	39.0	36.0	285.30	17.13	252.00	14.58	235.20	13.38	218.70	12.24	210.90	11.43	203.10	10.68
	44.0	40.0	285.30	16.08	252.00	13.74	235.20	12.63	218.70	11.55	210.90	10.83	203.10	10.11
	47.0	43.0	285.30	15.60	252.00	13.35	235.20	12.27	218.70	11.25	210.90	10.53	203.10	9.84
	51.0	47.0	285.30	14.73	252.00	12.66	235.20	11.64	218.70	10.71	210.90	10.02	203.10	9.36
	54.0	50.0	285.30	13.98	252.00	12.03	235.20	11.10	218.70	10.20	210.90	9.57	203.10	8.97
	57.0	53.0	285.30	12.99	252.00	11.22	235.20	10.38	218.70	9.57	210.90	9.00	203.10	8.43
	60.0	56.0	285.30	12.39	252.00	10.77	235.20	9.99	218.70	9.21	210.90	8.64	203.10	8.13
80	-21.8	-22.0	237.30	45.24	224.10	43.77	209.10	39.72	194.40	36.06	187.50	33.51	180.30	31.11
	-17.8	-18.0	251.70	46.02	224.10	40.47	209.10	36.72	194.40	33.30	187.50	30.96	180.30	28.74
	-12.6	-13.0	253.50	42.90	224.10	35.94	209.10	32.61	194.40	29.58	187.50	27.48	180.30	25.50
	-7.1	-7.6	253.50	38.07	224.10	31.92	209.10	28.95	194.40	26.25	187.50	24.39	180.30	22.65
	-3.6	-4.0	253.50	35.19	224.10	29.49	209.10	26.73	194.40	24.27	187.50	22.56	180.30	20.94
	-1.8	-2.2	253.50	33.81	224.10	28.35	209.10	25.71	194.40	23.34	187.50	21.69	180.30	20.13
	2.0	1.0	253.50	31.23	224.10	26.19	209.10	23.76	194.40	21.57	187.50	20.07	180.30	18.63
	6.0	5.0	253.50	27.78	224.10	23.31	209.10	21.15	194.40	19.23	187.50	17.88	180.30	16.62
	10.0	9.0	253.50	25.71	224.10	21.60	209.10	19.62	194.40	17.82	187.50	16.56	180.30	15.42
	13.0	12.0	253.50	24.72	224.10	20.79	209.10	18.90	194.40	17.16	187.50	15.96	180.30	14.85
	17.0	15.0	253.50	22.08	224.10	18.60	209.10	16.92	194.40	15.39	187.50	14.31	180.30	13.32
	19.0	18.0	253.50	21.27	224.10	17.91	209.10	16.32	194.40	14.85	187.50	13.83	180.30	12.87
	23.0	21.0	253.50	19.77	224.10	16.68	209.10	15.21	194.40	13.83	187.50	12.90	180.30	12.00
	26.0	24.0	253.50	18.39	224.10	15.57	209.10	14.19	194.40	12.93	187.50	12.06	180.30	11.25
	30.0	28.0	253.50	17.16	224.10	14.55	209.10	13.29	194.40	12.12	187.50	11.31	180.30	10.56
	35.0	32.0	253.50	15.54	224.10	13.23	209.10	12.09	194.40	11.07	187.50	10.32	180.30	9.63
	39.0	36.0	253.50	14.58	224.10	12.45	209.10	11.40	194.40	10.44	187.50	9.75	180.30	9.12
	44.0	40.0	253.50	13.74	224.10	11.76	209.10	10.77	194.40	9.87	187.50	9.24	180.30	8.64
	47.0	43.0	253.50	13.35	224.10	11.43	209.10	10.50	194.40	9.63	187.50	9.00	180.30	8.43
	51.0	47.0	253.50	12.66	224.10	10.86	209.10	9.99	194.40	9.18	187.50	8.58	180.30	8.04
	54.0	50.0	253.50	12.03	224.10	10.35	209.10	9.54	194.40	8.79	187.50	8.22	180.30	7.71
	57.0	53.0	253.50	11.22	224.10	9.72	209.10	8.97	194.40	8.28	187.50	7.74	180.30	7.29
	60.0	56.0	253.50	10.77	224.10	9.33	209.10	8.64	194.40	7.98	187.50	7.47	180.30	7.02

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/VRC216L4M

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	221.70	42.99	195.90	36.06	183.00	32.85	170.10	29.73	164.10	27.57	157.80	25.77
	-17.8	-18.0	221.70	39.75	195.90	33.30	183.00	30.36	170.10	27.45	164.10	25.47	157.80	23.79
	-12.6	-13.0	221.70	35.28	195.90	29.58	183.00	26.94	170.10	24.39	164.10	22.62	157.80	21.12
	-7.1	-7.6	221.70	31.35	195.90	26.25	183.00	23.94	170.10	21.66	164.10	20.10	157.80	18.78
	-3.6	-4.0	221.70	28.95	195.90	24.27	183.00	22.11	170.10	20.01	164.10	18.57	157.80	17.34
	-1.8	-2.2	221.70	27.84	195.90	23.34	183.00	21.27	170.10	19.26	164.10	17.88	157.80	16.68
	2.0	1.0	221.70	25.74	195.90	21.57	183.00	19.68	170.10	17.82	164.10	16.53	157.80	15.45
	6.0	5.0	221.70	22.89	195.90	19.23	183.00	17.55	170.10	15.90	164.10	14.76	157.80	13.77
	10.0	9.0	221.70	21.21	195.90	17.82	183.00	16.26	170.10	14.76	164.10	13.71	157.80	12.81
	13.0	12.0	221.70	20.40	195.90	17.16	183.00	15.69	170.10	14.22	164.10	13.20	157.80	12.33
	17.0	15.0	221.70	18.27	195.90	15.39	183.00	14.07	170.10	12.78	164.10	11.88	157.80	11.10
	19.0	18.0	221.70	17.61	195.90	14.85	183.00	13.59	170.10	12.33	164.10	11.46	157.80	10.71
	23.0	21.0	221.70	16.38	195.90	13.83	183.00	12.66	170.10	11.52	164.10	10.71	157.80	10.02
	26.0	24.0	221.70	15.30	195.90	12.93	183.00	11.85	170.10	10.80	164.10	10.05	157.80	9.39
	30.0	28.0	221.70	14.31	195.90	12.12	183.00	11.13	170.10	10.14	164.10	9.45	157.80	8.82
	35.0	32.0	221.70	12.99	195.90	11.07	183.00	10.17	170.10	9.27	164.10	8.64	157.80	8.10
	39.0	36.0	221.70	12.24	195.90	10.44	183.00	9.60	170.10	8.79	164.10	8.19	157.80	7.65
	44.0	40.0	221.70	11.55	195.90	9.87	183.00	9.12	170.10	8.34	164.10	7.77	157.80	7.29
	47.0	43.0	221.70	11.25	195.90	9.63	183.00	8.88	170.10	8.13	164.10	7.59	157.80	7.11
	51.0	47.0	221.70	10.71	195.90	9.18	183.00	8.49	170.10	7.77	164.10	7.26	157.80	6.81
	54.0	50.0	221.70	10.20	195.90	8.79	183.00	8.13	170.10	7.44	164.10	6.96	157.80	6.54
	57.0	53.0	221.70	9.57	195.90	8.28	183.00	7.65	170.10	7.05	164.10	6.60	157.80	6.18
	60.0	56.0	221.70	9.21	195.90	7.98	183.00	7.38	170.10	6.81	164.10	6.39	157.80	5.97
60	-21.8	-22.0	190.20	34.74	168.00	29.19	156.90	26.55	145.80	24.03	140.70	22.38	135.30	20.82
	-17.8	-18.0	190.20	32.10	168.00	26.97	156.90	24.51	145.80	22.20	140.70	20.67	135.30	19.23
	-12.6	-13.0	190.20	28.50	168.00	23.94	156.90	21.78	145.80	19.71	140.70	18.36	135.30	17.07
	-7.1	-7.6	190.20	25.29	168.00	21.27	156.90	19.35	145.80	17.52	140.70	16.32	135.30	15.18
	-3.6	-4.0	190.20	23.37	168.00	19.65	156.90	17.88	145.80	16.20	140.70	15.09	135.30	14.04
	-1.8	-2.2	190.20	22.47	168.00	18.90	156.90	17.19	145.80	15.57	140.70	14.52	135.30	13.50
	2.0	1.0	190.20	20.79	168.00	17.49	156.90	15.93	145.80	14.43	140.70	13.44	135.30	12.51
	6.0	5.0	190.20	18.54	168.00	15.60	156.90	14.22	145.80	12.87	140.70	12.00	135.30	11.19
	10.0	9.0	190.20	17.19	168.00	14.49	156.90	13.20	145.80	11.97	140.70	11.16	135.30	10.38
	13.0	12.0	190.20	16.56	168.00	13.95	156.90	12.72	145.80	11.55	140.70	10.77	135.30	10.02
	17.0	15.0	190.20	14.85	168.00	12.54	156.90	11.43	145.80	10.38	140.70	9.69	135.30	9.03
	19.0	18.0	190.20	14.31	168.00	12.09	156.90	11.04	145.80	10.05	140.70	9.36	135.30	8.73
	23.0	21.0	190.20	13.35	168.00	11.31	156.90	10.35	145.80	9.39	140.70	8.79	135.30	8.19
	26.0	24.0	190.20	12.51	168.00	10.59	156.90	9.69	145.80	8.82	140.70	8.25	135.30	7.68
	30.0	28.0	190.20	11.73	168.00	9.96	156.90	9.12	145.80	8.31	140.70	7.77	135.30	7.23
	35.0	32.0	190.20	10.71	168.00	9.09	156.90	8.37	145.80	7.62	140.70	7.14	135.30	6.66
	39.0	36.0	190.20	10.11	168.00	8.61	156.90	7.92	145.80	7.23	140.70	6.78	135.30	6.33
	44.0	40.0	190.20	9.57	168.00	8.19	156.90	7.53	145.80	6.87	140.70	6.45	135.30	6.03
	47.0	43.0	190.20	9.33	168.00	7.98	156.90	7.35	145.80	6.72	140.70	6.30	135.30	5.88
	51.0	47.0	190.20	8.91	168.00	7.62	156.90	7.05	145.80	6.45	140.70	6.03	135.30	5.64
	54.0	50.0	190.20	8.52	168.00	7.32	156.90	6.75	145.80	6.18	140.70	5.82	135.30	5.43
	57.0	53.0	190.20	8.04	168.00	6.90	156.90	6.39	145.80	5.88	140.70	5.52	135.30	5.16
	60.0	56.0	190.20	7.74	168.00	6.69	156.90	6.18	145.80	5.70	140.70	5.34	135.30	5.01
50	-21.8	-22.0	158.40	27.18	140.10	22.80	130.80	20.79	121.50	18.78	117.00	17.58	112.80	16.38
	-17.8	-18.0	158.40	25.11	140.10	21.06	130.80	19.20	121.50	17.34	117.00	16.23	112.80	15.12
	-12.6	-13.0	158.40	22.29	140.10	18.72	130.80	17.04	121.50	15.42	117.00	14.43	112.80	13.44
	-7.1	-7.6	158.40	19.80	140.10	16.62	130.80	15.15	121.50	13.71	117.00	12.81	112.80	11.94
	-3.6	-4.0	158.40	18.30	140.10	15.36	130.80	14.01	121.50	12.69	117.00	11.85	112.80	11.04
	-1.8	-2.2	158.40	17.61	140.10	14.79	130.80	13.50	121.50	12.21	117.00	11.43	112.80	10.65
	2.0	1.0	158.40	16.29	140.10	13.71	130.80	12.48	121.50	11.31	117.00	10.59	112.80	9.87
	6.0	5.0	158.40	14.55	140.10	12.24	130.80	11.16	121.50	10.11	117.00	9.48	112.80	8.82
	10.0	9.0	158.40	13.50	140.10	11.37	130.80	10.38	121.50	9.42	117.00	8.82	112.80	8.22
	13.0	12.0	158.40	13.02	140.10	10.98	130.80	10.02	121.50	9.09	117.00	8.52	112.80	7.92
	17.0	15.0	158.40	11.70	140.10	9.87	130.80	9.03	121.50	8.19	117.00	7.68	112.80	7.17
	19.0	18.0	158.40	11.31	140.10	9.54	130.80	8.73	121.50	7.92	117.00	7.44	112.80	6.93
	23.0	21.0	158.40	10.56	140.10	8.94	130.80	8.19	121.50	7.44	117.00	6.96	112.80	6.51
	26.0	24.0	158.40	9.90	140.10	8.40	130.80	7.68	121.50	6.99	117.00	6.57	112.80	6.12
	30.0	28.0	158.40	9.30	140.10	7.92	130.80	7.26	121.50	6.60	117.00	6.18	112.80	5.79
	35.0	32.0	158.40	8.52	140.10	7.26	130.80	6.66	121.50	6.09	117.00	5.70	112.80	5.34
	39.0	36.0	158.40	8.07	140.10	6.90	130.80	6.33	121.50	5.79	117.00	5.43	112.80	5.07
	44.0	40.0	158.40	7.68	140.10	6.57	130.80	6.06	121.50	5.52	117.00	5.19	112.80	4.83
	47.0	43.0	158.40	7.50	140.10	6.42	130.80	5.91	121.50	5.40	117.00	5.07	112.80	4.74
	51.0	47.0	158.40	7.17	140.10	6.15	130.80	5.67	121.50	5.19	117.00	4.86	112.80	4.56
	54.0	50.0	158.40	6.90	140.10	5.91	130.80	5.46	121.50	5.01	117.00	4.71	112.80	4.38
	57.0	53.0	158.40	6.51	140.10	5.61	130.80	5.19	121.50	4.77	117.00	4.47	112.80	4.20
	60.0	56.0	158.40	6.30	140.10	5.46	130.80	5.04	121.50	4.62	117.00	4.35	112.80	4.08

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/VRC240L4M

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	202.70	3.63	246.40	5.07	290.10	6.45	312.00	7.29	355.70	8.46	404.84	9.23	448.69	10.45
	10	202.70	3.83	246.40	5.28	290.10	6.68	312.00	7.52	355.70	8.67	400.83	9.43	444.24	10.61
	14	202.70	4.03	246.40	5.51	290.10	6.92	312.00	7.75	355.70	8.90	396.86	9.63	439.85	10.77
	23	202.70	4.24	246.40	5.74	290.10	7.16	312.00	7.99	355.70	9.13	392.93	9.83	435.49	10.94
	27	202.70	4.47	246.40	5.98	290.10	7.42	312.00	8.23	355.70	9.36	389.05	10.03	431.18	11.11
	32	202.70	4.70	246.40	6.22	290.10	7.69	312.00	8.49	355.70	9.60	385.19	10.23	426.91	11.28
	37	202.70	4.94	246.40	6.48	290.10	7.96	312.00	8.76	355.70	9.84	381.38	10.43	422.69	11.45
	41	202.70	5.21	246.40	6.75	290.10	8.26	312.00	9.03	355.70	10.10	377.60	10.64	418.50	11.62
	46	202.70	5.34	246.40	6.88	290.10	8.42	312.00	9.19	355.70	10.30	377.60	10.87	417.10	11.86
	50	202.70	5.47	246.40	6.99	290.10	8.56	312.00	9.33	355.70	10.48	377.60	11.07	415.30	12.04
	54	202.70	5.64	246.40	7.19	290.10	8.76	312.00	9.53	355.70	10.71	377.60	11.32	413.00	12.28
	57	202.70	5.84	246.40	7.39	290.10	8.96	312.00	9.77	355.70	11.02	377.60	11.68	410.60	12.57
	61	202.70	6.01	246.40	7.62	290.10	9.26	312.00	10.08	355.70	11.38	377.60	12.05	408.30	12.93
	64	202.70	6.31	246.40	7.92	290.10	9.57	312.00	10.41	355.70	11.78	377.60	12.52	405.90	13.39
	68	202.70	6.55	246.40	8.22	290.10	9.94	312.00	10.84	355.70	12.31	376.80	13.06	403.30	14.05
	72	202.70	6.85	246.40	8.57	290.10	10.37	312.00	11.34	355.70	12.96	375.90	13.77	401.00	14.82
	75	202.70	7.19	246.40	8.93	290.10	10.91	312.00	11.96	355.70	13.77	374.90	14.60	398.60	15.77
	79	202.70	7.45	246.40	9.44	290.10	11.55	312.00	12.76	355.70	14.70	373.90	15.61	396.30	16.93
	82	202.70	7.98	246.40	9.97	290.10	12.35	312.00	13.63	355.60	15.85	373.00	16.82	393.90	18.12
	86	202.70	8.36	246.40	10.67	290.10	13.20	312.00	14.70	354.70	17.08	370.60	17.99	391.30	19.47
	90	202.70	8.97	246.40	11.38	290.10	14.34	312.00	15.94	353.70	18.29	368.30	19.22	389.00	20.99
	93	202.70	9.59	246.40	12.42	290.10	15.54	312.00	17.12	352.70	19.69	365.90	20.70	386.60	22.51
	95	202.70	9.94	246.40	12.99	290.10	16.11	312.00	17.72	352.30	20.49	364.60	21.49	385.30	23.03
	99	202.70	11.04	246.40	14.10	290.10	17.29	312.00	19.17	351.30	22.16	362.30	23.04	383.00	23.47
	102	202.70	12.09	246.40	15.17	290.10	18.83	312.00	20.82	348.10	23.68	355.10	23.59	360.00	22.35
	106	202.70	13.12	246.40	16.55	290.10	20.51	312.00	22.59	327.60	22.86	328.90	22.13	332.30	20.84
	111	202.70	15.04	246.40	18.99	280.30	22.40	282.40	21.89	285.00	20.44	286.70	19.78	290.90	18.59
	115	202.70	16.58	244.70	20.94	252.70	20.78	253.30	20.17	256.40	18.83	258.60	18.23	263.30	17.08
	118	202.70	18.46	222.40	20.28	223.00	19.03	224.00	18.46	228.00	17.22	230.40	16.65	235.60	15.58
	120	201.40	19.68	207.00	19.34	208.30	18.16	209.30	17.59	213.90	16.42	216.30	15.88	221.70	14.83
	122	189.40	18.90	194.60	18.57	195.90	17.43	196.70	16.89	201.00	15.75	203.30	15.24	208.40	14.23
120	5	187.30	3.40	227.60	4.69	267.90	5.91	288.00	6.68	328.30	7.73	348.40	8.45	416.74	9.65
	10	187.30	3.57	227.60	4.89	267.90	6.12	288.00	6.88	328.30	7.93	348.40	8.62	412.62	9.79
	14	187.30	3.77	227.60	5.09	267.90	6.35	288.00	7.09	328.30	8.13	348.40	8.79	408.53	9.93
	23	187.30	3.97	227.60	5.30	267.90	6.58	288.00	7.32	328.30	8.33	348.40	8.96	404.48	10.07
	27	187.30	4.17	227.60	5.53	267.90	6.82	288.00	7.55	328.30	8.54	348.40	9.13	400.48	10.23
	32	187.30	4.40	227.60	5.76	267.90	7.06	288.00	7.78	328.30	8.77	348.40	9.33	396.52	10.39
	37	187.30	4.63	227.60	6.00	267.90	7.32	288.00	8.02	328.30	9.00	348.40	9.53	392.58	10.55
	41	187.30	4.87	227.60	6.24	267.90	7.59	288.00	8.26	328.30	9.23	348.40	9.73	388.70	10.71
	46	187.30	4.97	227.60	6.35	267.90	7.72	288.00	8.39	328.30	9.40	348.40	9.90	388.70	10.94
	50	187.30	5.10	227.60	6.45	267.90	7.83	288.00	8.52	328.30	9.56	348.40	10.07	388.70	11.14
	54	187.30	5.23	227.60	6.61	267.90	7.99	288.00	8.69	328.30	9.74	348.40	10.28	388.70	11.39
	57	187.30	5.38	227.60	6.78	267.90	8.18	288.00	8.89	328.30	10.00	348.40	10.57	388.70	11.75
	61	187.30	5.54	227.60	6.95	267.90	8.42	288.00	9.16	328.30	10.31	348.40	10.91	388.70	12.12
	64	187.30	5.77	227.60	7.21	267.90	8.69	288.00	9.44	328.30	10.64	348.40	11.28	388.70	12.62
	68	187.30	5.95	227.60	7.45	267.90	9.00	288.00	9.80	328.30	11.08	348.40	11.78	388.40	13.21
	72	187.30	6.18	227.60	7.75	267.90	9.37	288.00	10.23	328.30	11.64	348.40	12.39	387.50	13.98
	75	187.30	6.48	227.60	8.09	267.90	9.84	288.00	10.78	328.30	12.35	348.40	13.19	386.50	14.90
	79	187.30	6.75	227.60	8.55	267.90	10.44	288.00	11.48	328.30	13.19	348.40	14.13	385.60	16.04
	82	187.30	7.22	227.60	9.04	267.90	11.14	288.00	12.29	328.30	14.19	348.40	15.24	384.60	17.25
	86	187.30	7.61	227.60	9.64	267.90	11.92	288.00	13.23	328.30	15.37	348.40	16.48	383.20	18.51
	90	187.30	8.13	227.60	10.31	267.90	12.92	288.00	14.37	328.30	16.58	348.40	17.76	380.70	19.79
	93	187.30	8.66	227.60	11.18	267.90	14.03	288.00	15.54	328.30	17.86	348.40	19.16	378.30	21.24
	95	187.30	8.97	227.60	11.68	267.90	14.57	288.00	16.12	328.30	18.56	347.90	19.90	377.20	21.94
	99	187.30	9.90	227.60	12.69	267.90	15.74	288.00	17.39	328.30	20.08	346.90	21.40	374.70	23.19
	102	187.30	10.84	227.60	13.76	267.90	17.08	288.00	18.83	328.30	21.68	344.60	22.74	355.10	22.32
	106	187.30	11.82	227.60	15.03	267.90	18.53	288.00	20.37	320.00	22.36	323.30	21.92	327.40	20.81
	111	187.30	13.66	227.60	17.19	266.30	20.75	275.70	21.34	279.00	20.14	281.00	19.58	286.00	18.56
	115	187.30	15.07	227.40	18.84	245.30	20.04	246.60	19.70	250.60	18.53	253.00	18.02	258.30	17.05
	118	187.30	16.68	213.30	19.03	216.00	18.33	217.40	17.99	222.30	16.92	225.00	16.45	230.70	15.55
	120	187.30	17.66	198.70	18.19	201.30	17.46	202.70	17.12	208.00	16.12	210.70	15.67	216.90	14.80
	122	176.00	16.95	186.70	17.46	189.30	16.76	190.60	16.44	195.60	15.48	198.00	15.04	203.90	14.20

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/VRC240L4M

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	171.60	3.15	208.60	4.27	245.60	5.40	264.00	6.04	301.00	7.05	319.40	7.66	356.40	8.74
	10	171.60	3.32	208.60	4.44	245.60	5.60	264.00	6.24	301.00	7.22	319.40	7.82	356.40	8.87
	14	171.60	3.49	208.60	4.64	245.60	5.80	264.00	6.44	301.00	7.39	319.40	7.98	356.40	9.00
	23	171.60	3.66	208.60	4.84	245.60	6.00	264.00	6.64	301.00	7.59	319.40	8.15	356.40	9.14
	27	171.60	3.86	208.60	5.04	245.60	6.21	264.00	6.84	301.00	7.79	319.40	8.32	356.40	9.28
	32	171.60	4.06	208.60	5.25	245.60	6.44	264.00	7.05	301.00	7.99	319.40	8.49	356.40	9.42
	37	171.60	4.27	208.60	5.48	245.60	6.67	264.00	7.26	301.00	8.19	319.40	8.66	356.40	9.56
	41	171.60	4.50	208.60	5.71	245.60	6.91	264.00	7.49	301.00	8.39	319.40	8.83	356.40	9.70
	46	171.60	4.63	208.60	5.81	245.60	7.02	264.00	7.62	301.00	8.52	319.40	8.96	356.40	9.87
	50	171.60	4.70	208.60	5.91	245.60	7.12	264.00	7.72	301.00	8.63	319.40	9.10	356.40	10.03
	54	171.60	4.80	208.60	6.01	245.60	7.25	264.00	7.86	301.00	8.80	319.40	9.27	356.40	10.24
	57	171.60	4.93	208.60	6.15	245.60	7.39	264.00	8.02	301.00	9.00	319.40	9.50	356.40	10.51
	61	171.60	5.04	208.60	6.31	245.60	7.59	264.00	8.25	301.00	9.26	319.40	9.77	356.40	10.84
	64	171.60	5.21	208.60	6.48	245.60	7.82	264.00	8.49	301.00	9.56	319.40	10.10	356.40	11.24
	68	171.60	5.34	208.60	6.68	245.60	8.06	264.00	8.79	301.00	9.93	319.40	10.51	356.40	11.75
	72	171.60	5.51	208.60	6.94	245.60	8.40	264.00	9.16	301.00	10.38	319.40	11.02	356.40	12.39
	75	171.60	5.78	208.60	7.25	245.60	8.82	264.00	9.63	301.00	10.97	319.40	11.68	356.40	13.23
	79	171.60	6.07	208.60	7.65	245.60	9.33	264.00	10.23	301.00	11.71	319.40	12.52	356.40	14.26
	82	171.60	6.48	208.60	8.12	245.60	9.94	264.00	10.97	301.00	12.62	319.40	13.52	356.40	15.41
	86	171.60	6.85	208.60	8.66	245.60	10.70	264.00	11.85	301.00	13.66	319.40	14.63	356.40	16.68
	90	171.60	7.29	208.60	9.24	245.60	11.55	264.00	12.86	301.00	14.80	319.40	15.82	356.40	17.95
	93	171.60	7.72	208.60	9.97	245.60	12.55	264.00	13.93	301.00	16.01	319.40	17.05	356.40	19.26
	95	171.60	8.02	208.60	10.41	245.60	13.06	264.00	14.53	301.00	16.61	319.40	17.69	356.40	19.97
	99	171.60	8.73	208.60	11.32	245.60	14.20	264.00	15.71	301.00	17.90	319.40	19.03	355.50	21.39
	102	171.60	9.57	208.60	12.36	245.60	15.41	264.00	16.99	301.00	19.27	319.40	20.47	349.70	22.29
	106	171.60	10.51	208.60	13.53	245.60	16.69	264.00	18.30	300.70	20.68	314.70	21.42	322.70	20.78
	111	171.60	12.29	208.60	15.45	245.60	18.74	262.70	20.18	273.10	19.84	275.60	19.40	281.10	18.53
100	5	171.60	13.56	208.60	16.82	237.30	19.16	240.00	19.21	244.70	18.26	247.40	17.82	253.40	17.02
	10	171.60	14.90	203.00	17.59	209.00	17.62	210.70	17.49	216.30	16.65	219.30	16.25	225.70	15.51
	120	171.60	15.64	190.00	17.01	194.00	16.75	196.30	16.64	202.00	15.84	205.30	15.47	212.00	14.77
	122	161.30	15.01	178.60	16.34	182.30	16.08	184.60	15.97	190.00	15.20	193.00	14.86	199.30	14.17
	5	156.00	2.90	189.60	3.92	223.30	4.86	240.00	5.46	273.60	6.30	290.40	6.88	324.00	7.81
	10	156.00	3.06	189.60	4.09	223.30	5.03	240.00	5.63	273.60	6.47	290.40	7.02	324.00	7.94
	14	156.00	3.22	189.60	4.26	223.30	5.20	240.00	5.80	273.60	6.64	290.40	7.16	324.00	8.07
	23	156.00	3.39	189.60	4.43	223.30	5.40	240.00	5.97	273.60	6.81	290.40	7.30	324.00	8.20
	27	156.00	3.56	189.60	4.60	223.30	5.60	240.00	6.14	273.60	6.98	290.40	7.44	324.00	8.33
	32	156.00	3.76	189.60	4.80	223.30	5.80	240.00	6.34	273.60	7.15	290.40	7.60	324.00	8.46
	37	156.00	3.96	189.60	5.00	223.30	6.00	240.00	6.54	273.60	7.32	290.40	7.76	324.00	8.59
	41	156.00	4.16	189.60	5.20	223.30	6.21	240.00	6.74	273.60	7.52	290.40	7.92	324.00	8.72
	46	156.00	4.27	189.60	5.30	223.30	6.32	240.00	6.84	273.60	7.63	290.40	8.03	324.00	8.83
	50	156.00	4.33	189.60	5.37	223.30	6.41	240.00	6.92	273.60	7.72	290.40	8.13	324.00	8.96
	54	156.00	4.40	189.60	5.44	223.30	6.51	240.00	7.04	273.60	7.86	290.40	8.29	324.00	9.13
	57	156.00	4.46	189.60	5.54	223.30	6.62	240.00	7.18	273.60	8.02	290.40	8.46	324.00	9.34
	61	156.00	4.54	189.60	5.64	223.30	6.78	240.00	7.35	273.60	8.23	290.40	8.69	324.00	9.60
	64	156.00	4.66	189.60	5.78	223.30	6.95	240.00	7.55	273.60	8.47	290.40	8.96	324.00	9.94
	68	156.00	4.74	189.60	5.91	223.30	7.15	240.00	7.79	273.60	8.79	290.40	9.30	324.00	10.35
	72	156.00	4.86	189.60	6.11	223.30	7.45	240.00	8.12	273.60	9.17	290.40	9.73	324.00	10.88
	75	156.00	5.07	189.60	6.41	223.30	7.79	240.00	8.50	273.60	9.67	290.40	10.27	324.00	11.55
	79	156.00	5.37	189.60	6.78	223.30	8.25	240.00	9.00	273.60	10.28	290.40	10.97	324.00	12.42
	82	156.00	5.73	189.60	7.19	223.30	8.79	240.00	9.66	273.60	11.11	290.40	11.88	324.00	13.49
	86	156.00	6.11	189.60	7.68	223.30	9.47	240.00	10.48	273.60	12.05	290.40	12.89	324.00	14.61
	90	156.00	6.45	189.60	8.19	223.30	10.24	240.00	11.41	273.60	13.09	290.40	13.96	324.00	15.85
	93	156.00	6.81	189.60	8.82	223.30	11.11	240.00	12.38	273.60	14.20	290.40	15.14	324.00	16.98
	95	156.00	7.04	189.60	9.16	223.30	11.58	240.00	12.89	273.60	14.81	290.40	15.71	324.00	17.53
	99	156.00	7.58	189.60	9.97	223.30	12.69	240.00	14.13	273.60	15.94	290.40	16.85	324.00	18.73
	102	156.00	8.30	189.60	10.97	223.30	13.83	240.00	15.25	273.60	17.09	290.40	18.05	324.00	20.04
	106	156.00	9.23	189.60	12.09	223.30	14.94	240.00	16.38	273.60	18.32	290.40	19.33	317.70	20.75
	111	156.00	10.92	189.60	13.79	223.30	16.68	240.00	18.19	266.40	19.34	270.00	19.20	276.30	18.50
	115	156.00	12.05	189.60	14.90	223.30	17.86	233.40	18.73	238.70	17.96	242.00	17.62	248.70	16.99
	118	156.00	13.09	189.60	16.01	201.90	16.92	204.30	17.02	210.40	16.35	213.70	16.05	221.00	15.50
	120	156.00	13.63	181.00	15.75	187.00	16.05	189.60	16.15	196.30	15.54	199.70	15.27	207.10	14.74
	122	146.70	13.09	170.10	15.12	175.70	15.41	178.30	15.51	184.60	14.91	187.70	14.66	194.70	14.14

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/VRC240L4M

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	140.40	2.62	170.70	3.50	201.00	4.33	216.00	4.87	246.30	5.63	261.30	6.12	291.60	7.02
	10	140.40	2.76	170.70	3.64	201.00	4.49	216.00	5.01	246.30	5.77	261.30	6.25	291.60	7.12
	14	140.40	2.90	170.70	3.80	201.00	4.66	216.00	5.17	246.30	5.91	261.30	6.38	291.60	7.22
	23	140.40	3.06	170.70	3.96	201.00	4.83	216.00	5.33	246.30	6.05	261.30	6.51	291.60	7.32
	27	140.40	3.23	170.70	4.13	201.00	5.00	216.00	5.50	246.30	6.21	261.30	6.64	291.60	7.42
	32	140.40	3.40	170.70	4.30	201.00	5.17	216.00	5.67	246.30	6.37	261.30	6.77	291.60	7.53
	37	140.40	3.57	170.70	4.47	201.00	5.37	216.00	5.84	246.30	6.54	261.30	6.91	291.60	7.64
	41	140.40	3.77	170.70	4.67	201.00	5.57	216.00	6.01	246.30	6.71	261.30	7.05	291.60	7.75
	46	140.40	3.87	170.70	4.77	201.00	5.67	216.00	6.11	246.30	6.81	261.30	7.15	291.60	7.85
	50	140.40	3.96	170.70	4.84	201.00	5.74	216.00	6.21	246.30	6.89	261.30	7.25	291.60	7.95
	54	140.40	4.02	170.70	4.93	201.00	5.84	216.00	6.28	246.30	7.01	261.30	7.35	291.60	8.06
	57	140.40	4.09	170.70	5.00	201.00	5.94	216.00	6.41	246.30	7.14	261.30	7.49	291.60	8.25
	61	140.40	4.16	170.70	5.11	201.00	6.07	216.00	6.55	246.30	7.31	261.30	7.69	291.60	8.46
	64	140.40	4.26	170.70	5.23	201.00	6.22	216.00	6.72	246.30	7.52	261.30	7.92	291.60	8.73
	68	140.40	4.33	170.70	5.34	201.00	6.41	216.00	6.95	246.30	7.78	261.30	8.22	291.60	9.09
	72	140.40	4.43	170.70	5.53	201.00	6.65	216.00	7.22	246.30	8.12	261.30	8.57	291.60	9.53
	75	140.40	4.63	170.70	5.77	201.00	6.95	216.00	7.55	246.30	8.52	261.30	9.03	291.60	10.07
	79	140.40	4.86	170.70	6.07	201.00	7.32	216.00	7.96	246.30	9.03	261.30	9.57	291.60	10.71
	82	140.40	5.14	170.70	6.41	201.00	7.78	216.00	8.49	246.30	9.64	261.30	10.24	291.60	11.51
	86	140.40	5.43	170.70	6.81	201.00	8.32	216.00	9.13	246.30	10.41	261.30	11.07	291.60	12.45
	90	140.40	5.74	170.70	7.25	201.00	8.96	216.00	9.87	246.30	11.25	261.30	11.95	291.60	13.43
	93	140.40	6.05	170.70	7.79	201.00	9.70	216.00	10.68	246.30	12.16	261.30	12.93	291.60	14.50
	95	140.40	6.28	170.70	8.12	201.00	10.10	216.00	11.14	246.30	12.68	261.30	13.46	291.60	15.03
	99	140.40	6.81	170.70	8.83	201.00	11.01	216.00	12.16	246.30	13.73	261.30	14.50	291.60	16.08
80	102	140.40	7.52	170.70	9.73	201.00	12.02	216.00	13.19	246.30	14.77	261.30	15.58	291.60	17.22
	106	140.40	8.39	170.70	10.67	201.00	13.05	216.00	14.27	246.30	15.94	261.30	16.78	291.60	18.53
	111	140.40	9.76	170.70	12.22	201.00	14.77	216.00	16.08	245.70	17.76	258.00	18.36	271.40	18.46
	115	140.40	10.80	170.70	13.32	200.60	15.98	214.70	17.26	229.40	17.46	234.00	17.29	243.70	16.96
	118	140.40	11.81	168.90	14.33	186.00	15.78	191.70	16.21	201.00	15.85	206.00	15.71	216.00	15.47
	120	140.40	12.39	160.00	14.09	171.40	14.94	177.00	15.34	186.70	15.04	191.90	14.93	202.30	14.70
	122	132.00	11.89	150.40	13.52	161.10	14.34	166.40	14.73	175.40	14.44	180.30	14.33	190.20	14.10
	5	124.70	2.28	151.70	3.01	178.60	3.70	192.00	4.13	219.00	4.76	232.30	5.22	259.30	5.87
	10	124.70	2.41	151.70	3.15	178.60	3.86	192.00	4.27	219.00	4.90	232.30	5.35	259.30	6.00
	14	124.70	2.55	151.70	3.29	178.60	4.02	192.00	4.43	219.00	5.06	232.30	5.48	259.30	6.13
	23	124.70	2.69	151.70	3.45	178.60	4.19	192.00	4.60	219.00	5.22	232.30	5.62	259.30	6.26
	27	124.70	2.85	151.70	3.62	178.60	4.36	192.00	4.77	219.00	5.39	232.30	5.76	259.30	6.39
	32	124.70	3.02	151.70	3.79	178.60	4.53	192.00	4.94	219.00	5.56	232.30	5.90	259.30	6.52
	37	124.70	3.19	151.70	3.96	178.60	4.73	192.00	5.11	219.00	5.73	232.30	6.04	259.30	6.65
	41	124.70	3.39	151.70	4.16	178.60	4.93	192.00	5.31	219.00	5.90	232.30	6.20	259.30	6.78
	46	124.70	3.49	151.70	4.26	178.60	5.03	192.00	5.40	219.00	6.00	232.30	6.28	259.30	6.88
	50	124.70	3.56	151.70	4.33	178.60	5.10	192.00	5.47	219.00	6.07	232.30	6.35	259.30	6.95
	54	124.70	3.63	151.70	4.40	178.60	5.17	192.00	5.54	219.00	6.15	232.30	6.45	259.30	7.05
	57	124.70	3.69	151.70	4.47	178.60	5.26	192.00	5.64	219.00	6.25	232.30	6.55	259.30	7.18
	61	124.70	3.77	151.70	4.57	178.60	5.37	192.00	5.77	219.00	6.41	232.30	6.72	259.30	7.36
	64	124.70	3.86	151.70	4.67	178.60	5.50	192.00	5.91	219.00	6.58	232.30	6.91	259.30	7.59
	68	124.70	3.92	151.70	4.77	178.60	5.64	192.00	6.10	219.00	6.79	232.30	7.15	259.30	7.86
	72	124.70	4.00	151.70	4.93	178.60	5.85	192.00	6.34	219.00	7.08	232.30	7.46	259.30	8.23
	75	124.70	4.13	151.70	5.10	178.60	6.11	192.00	6.61	219.00	7.42	232.30	7.85	259.30	8.69
	79	124.70	4.30	151.70	5.34	178.60	6.41	192.00	6.95	219.00	7.85	232.30	8.32	259.30	9.23
	82	124.70	4.50	151.70	5.61	178.60	6.78	192.00	7.38	219.00	8.33	232.30	8.83	259.30	9.81
	86	124.70	4.73	151.70	5.94	178.60	7.21	192.00	7.86	219.00	8.90	232.30	9.43	259.30	10.51
	90	124.70	5.00	151.70	6.31	178.60	7.72	192.00	8.43	219.00	9.57	232.30	10.14	259.30	11.32
	93	124.70	5.30	151.70	6.78	178.60	8.30	192.00	9.09	219.00	10.31	232.30	10.94	259.30	12.21
	95	124.70	5.53	151.70	7.05	178.60	8.63	192.00	9.46	219.00	10.71	232.30	11.35	259.30	12.66
	99	124.70	6.04	151.70	7.69	178.60	9.40	192.00	10.28	219.00	11.61	232.30	12.28	259.30	13.60
	102	124.70	6.71	151.70	8.46	178.60	10.27	192.00	11.21	219.00	12.56	232.30	13.23	259.30	14.63
	106	124.70	7.38	151.70	9.23	178.60	11.18	192.00	12.18	219.00	13.60	232.30	14.30	259.30	15.71
	111	124.70	8.53	151.70	10.65	178.60	12.83	192.00	13.94	219.00	15.44	232.30	16.18	259.30	17.66
	115	124.70	9.50	151.70	11.74	178.60	14.10	192.00	15.31	215.70	16.42	224.70	16.72	239.00	16.92
	118	124.70	10.60	148.60	12.72	169.30	14.53	179.00	15.38	191.70	15.37	198.00	15.38	211.30	15.44
	120	120.00	10.78	138.30	12.35	156.00	13.83	164.60	14.53	177.40	14.57	184.00	14.60	197.40	14.67
	122	112.70	10.35	130.00	11.85	146.70	13.29	154.70	13.96	166.70	13.99	173.00	14.02	185.50	14.09

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/VRC240L4M

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	109.30	2.02	132.70	2.65	156.30	3.23	168.00	3.62	191.60	4.16	203.30	4.50	226.70	5.12
	10	109.30	2.15	132.70	2.78	156.30	3.36	168.00	3.75	191.60	4.29	203.30	4.61	226.70	5.22
	14	109.30	2.28	132.70	2.91	156.30	3.50	168.00	3.88	191.60	4.42	203.30	4.72	226.70	5.32
	23	109.30	2.41	132.70	3.05	156.30	3.64	168.00	4.02	191.60	4.55	203.30	4.85	226.70	5.42
	27	109.30	2.55	132.70	3.19	156.30	3.80	168.00	4.16	191.60	4.69	203.30	4.98	226.70	5.52
	32	109.30	2.69	132.70	3.33	156.30	3.96	168.00	4.30	191.60	4.83	203.30	5.11	226.70	5.63
	37	109.30	2.85	132.70	3.49	156.30	4.13	168.00	4.46	191.60	4.97	203.30	5.24	226.70	5.74
	41	109.30	3.02	132.70	3.66	156.30	4.30	168.00	4.63	191.60	5.13	203.30	5.37	226.70	5.85
	46	109.30	3.09	132.70	3.73	156.30	4.39	168.00	4.73	191.60	5.20	203.30	5.44	226.70	5.94
	50	109.30	3.15	132.70	3.80	156.30	4.46	168.00	4.77	191.60	5.27	203.30	5.51	226.70	6.01
	54	109.30	3.22	132.70	3.86	156.30	4.53	168.00	4.84	191.60	5.34	203.30	5.58	226.70	6.08
	57	109.30	3.26	132.70	3.93	156.30	4.60	168.00	4.93	191.60	5.43	203.30	5.67	226.70	6.18
	61	109.30	3.33	132.70	4.00	156.30	4.67	168.00	5.01	191.60	5.54	203.30	5.80	226.70	6.31
	64	109.30	3.42	132.70	4.10	156.30	4.80	168.00	5.14	191.60	5.68	203.30	5.95	226.70	6.51
	68	109.30	3.46	132.70	4.19	156.30	4.93	168.00	5.30	191.60	5.87	203.30	6.15	226.70	6.74
	72	109.30	3.53	132.70	4.30	156.30	5.07	168.00	5.47	191.60	6.08	203.30	6.41	226.70	7.02
	75	109.30	3.62	132.70	4.43	156.30	5.27	168.00	5.70	191.60	6.37	203.30	6.71	226.70	7.39
	79	109.30	3.72	132.70	4.60	156.30	5.51	168.00	5.97	191.60	6.71	203.30	7.09	226.70	7.86
	82	109.30	3.86	132.70	4.83	156.30	5.81	168.00	6.31	191.60	7.11	203.30	7.52	226.70	8.33
	86	109.30	4.02	132.70	5.07	156.30	6.14	168.00	6.68	191.60	7.53	203.30	7.96	226.70	8.83
	90	109.30	4.26	132.70	5.37	156.30	6.52	168.00	7.11	191.60	8.05	203.30	8.53	226.70	9.50
	93	109.30	4.49	132.70	5.73	156.30	6.98	168.00	7.62	191.60	8.63	203.30	9.16	226.70	10.21
	95	109.30	4.69	132.70	5.97	156.30	7.25	168.00	7.92	191.60	8.99	203.30	9.53	226.70	10.61
	99	109.30	5.11	132.70	6.48	156.30	7.89	168.00	8.60	191.60	9.73	203.30	10.28	226.70	11.42
	102	109.30	5.71	132.70	7.15	156.30	8.63	168.00	9.37	191.60	10.54	203.30	11.14	226.70	12.32
	106	109.30	6.24	132.70	7.82	156.30	9.43	168.00	10.27	191.60	11.48	203.30	12.08	226.70	13.29
	111	109.30	7.19	132.70	9.03	156.30	10.91	168.00	11.85	191.60	13.09	203.30	13.69	226.70	14.93
	115	109.30	8.12	132.70	10.08	156.30	12.08	168.00	13.09	191.60	14.31	202.70	14.90	224.30	15.97
	118	109.30	9.30	130.30	11.27	152.00	13.26	163.00	14.26	178.70	14.66	186.30	14.83	201.00	15.10
	120	101.60	9.67	120.70	11.32	140.40	13.02	150.60	13.87	165.00	14.04	172.30	14.14	187.00	14.36
	122	95.60	9.27	113.40	10.88	132.00	12.49	141.60	13.31	155.00	13.47	162.00	13.57	175.70	13.79
60	5	93.60	1.71	113.70	2.22	134.00	2.69	144.00	3.00	164.10	3.28	174.30	3.45	194.40	3.72
	10	93.60	1.81	113.70	2.33	134.00	2.82	144.00	3.13	164.10	3.42	174.30	3.59	194.40	3.88
	14	93.60	1.92	113.70	2.46	134.00	2.95	144.00	3.26	164.10	3.56	174.30	3.73	194.40	4.05
	23	93.60	2.05	113.70	2.59	134.00	3.09	144.00	3.39	164.10	3.70	174.30	3.89	194.40	4.22
	27	93.60	2.18	113.70	2.72	134.00	3.23	144.00	3.53	164.10	3.86	174.30	4.06	194.40	4.39
	32	93.60	2.32	113.70	2.86	134.00	3.39	144.00	3.67	164.10	4.03	174.30	4.23	194.40	4.56
	37	93.60	2.46	113.70	3.00	134.00	3.55	144.00	3.83	164.10	4.20	174.30	4.40	194.40	4.76
	41	93.60	2.62	113.70	3.16	134.00	3.72	144.00	3.99	164.10	4.37	174.30	4.57	194.40	4.96
	46	93.60	2.69	113.70	3.23	134.00	3.79	144.00	4.06	164.10	4.44	174.30	4.64	194.40	5.03
	50	93.60	2.72	113.70	3.29	134.00	3.83	144.00	4.10	164.10	4.50	174.30	4.70	194.40	5.08
	54	93.60	2.78	113.70	3.33	134.00	3.89	144.00	4.17	164.10	4.56	174.30	4.76	194.40	5.14
	57	93.60	2.82	113.70	3.39	134.00	3.96	144.00	4.23	164.10	4.63	174.30	4.83	194.40	5.23
	61	93.60	2.86	113.70	3.43	134.00	4.02	144.00	4.30	164.10	4.71	174.30	4.93	194.40	5.34
	64	93.60	2.92	113.70	3.52	134.00	4.10	144.00	4.40	164.10	4.83	174.30	5.04	194.40	5.47
	68	93.60	2.99	113.70	3.59	134.00	4.20	144.00	4.50	164.10	4.97	174.30	5.20	194.40	5.67
	72	93.60	3.03	113.70	3.66	134.00	4.33	144.00	4.64	164.10	5.14	174.30	5.38	194.40	5.88
	75	93.60	3.09	113.70	3.79	134.00	4.47	144.00	4.83	164.10	5.37	174.30	5.64	194.40	6.18
	79	93.60	3.15	113.70	3.89	134.00	4.66	144.00	5.04	164.10	5.63	174.30	5.94	194.40	6.54
	82	93.60	3.25	113.70	4.06	134.00	4.87	144.00	5.30	164.10	5.94	174.30	6.27	194.40	6.94
	86	93.60	3.36	113.70	4.23	134.00	5.13	144.00	5.57	164.10	6.27	174.30	6.62	194.40	7.35
	90	93.60	3.55	113.70	4.46	134.00	5.40	144.00	5.88	164.10	6.65	174.30	7.05	194.40	7.85
	93	93.60	3.70	113.70	4.73	134.00	5.74	144.00	6.25	164.10	7.12	174.30	7.55	194.40	8.42
	95	93.60	3.86	113.70	4.90	134.00	5.97	144.00	6.51	164.10	7.39	174.30	7.85	194.40	8.76
	99	93.60	4.16	113.70	5.31	134.00	6.48	144.00	7.08	164.10	8.03	174.30	8.52	194.40	9.47
	102	93.60	4.63	113.70	5.87	134.00	7.11	144.00	7.75	164.10	8.73	174.30	9.24	194.40	10.27
	106	93.60	5.13	113.70	6.45	134.00	7.82	144.00	8.53	164.10	9.57	174.30	10.10	194.40	11.14
	111	93.60	5.94	113.70	7.49	134.00	9.09	144.00	9.90	164.10	10.95	174.30	11.48	194.40	12.52
	115	93.60	6.65	113.70	8.36	134.00	10.07	144.00	10.94	164.10	11.99	174.30	12.52	194.40	13.53
	118	93.60	7.76	113.30	9.56	133.60	11.34	144.00	12.22	160.10	13.10	168.30	13.49	185.00	14.17
	120	88.40	8.49	106.70	10.21	125.60	11.92	135.30	12.79	149.40	13.20	156.60	13.39	171.10	13.73
	122	83.10	8.15	100.30	9.80	118.00	11.45	127.30	12.28	140.40	12.67	147.20	12.85	160.80	13.19

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/VRC240L4M

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	1.45	94.70	1.88	111.60	2.28	120.00	2.52	136.70	2.72	145.30	2.82	162.00	3.05
	10	78.00	1.55	94.70	1.98	111.60	2.38	120.00	2.62	136.70	2.83	145.30	2.95	162.00	3.18
	14	78.00	1.65	94.70	2.08	111.60	2.48	120.00	2.72	136.70	2.96	145.30	3.08	162.00	3.31
	23	78.00	1.75	94.70	2.18	111.60	2.59	120.00	2.83	136.70	3.09	145.30	3.21	162.00	3.45
	27	78.00	1.85	94.70	2.29	111.60	2.72	120.00	2.96	136.70	3.22	145.30	3.34	162.00	3.59
	32	78.00	1.96	94.70	2.42	111.60	2.85	120.00	3.09	136.70	3.35	145.30	3.48	162.00	3.73
	37	78.00	2.09	94.70	2.55	111.60	2.98	120.00	3.22	136.70	3.49	145.30	3.62	162.00	3.89
	41	78.00	2.22	94.70	2.68	111.60	3.12	120.00	3.35	136.70	3.63	145.30	3.76	162.00	4.06
	46	78.00	2.29	94.70	2.73	111.60	3.19	120.00	3.40	136.70	3.69	145.30	3.83	162.00	4.12
	50	78.00	2.32	94.70	2.78	111.60	3.22	120.00	3.45	136.70	3.73	145.30	3.89	162.00	4.17
	54	78.00	2.35	94.70	2.79	111.60	3.26	120.00	3.49	136.70	3.79	145.30	3.93	162.00	4.23
	57	78.00	2.35	94.70	2.83	111.60	3.32	120.00	3.55	136.70	3.85	145.30	4.00	162.00	4.30
	61	78.00	2.39	94.70	2.88	111.60	3.36	120.00	3.60	136.70	3.90	145.30	4.06	162.00	4.37
	64	78.00	2.45	94.70	2.95	111.60	3.43	120.00	3.67	136.70	3.99	145.30	4.16	162.00	4.47
	68	78.00	2.51	94.70	3.02	111.60	3.52	120.00	3.76	136.70	4.10	145.30	4.27	162.00	4.63
	72	78.00	2.55	94.70	3.08	111.60	3.59	120.00	3.86	136.70	4.23	145.30	4.42	162.00	4.80
	75	78.00	2.58	94.70	3.13	111.60	3.69	120.00	3.99	136.70	4.39	145.30	4.59	162.00	5.00
	79	78.00	2.62	94.70	3.22	111.60	3.83	120.00	4.16	136.70	4.60	145.30	4.83	162.00	5.27
	82	78.00	2.65	94.70	3.32	111.60	3.99	120.00	4.33	136.70	4.83	145.30	5.07	162.00	5.58
	86	78.00	2.72	94.70	3.45	111.60	4.16	120.00	4.53	136.70	5.07	145.30	5.36	162.00	5.91
	90	78.00	2.86	94.70	3.62	111.60	4.36	120.00	4.74	136.70	5.34	145.30	5.67	162.00	6.28
	93	78.00	2.99	94.70	3.79	111.60	4.60	120.00	5.00	136.70	5.68	145.30	6.04	162.00	6.74
	95	78.00	3.06	94.70	3.90	111.60	4.74	120.00	5.16	136.70	5.88	145.30	6.25	162.00	6.98
	99	78.00	3.33	94.70	4.23	111.60	5.16	120.00	5.64	136.70	6.41	145.30	6.81	162.00	7.62
	102	78.00	3.62	94.70	4.64	111.60	5.68	120.00	6.21	136.70	7.02	145.30	7.45	162.00	8.29
	106	78.00	4.10	94.70	5.17	111.60	6.28	120.00	6.85	136.70	7.73	145.30	8.19	162.00	9.06
	111	78.00	4.80	94.70	6.08	111.60	7.42	120.00	8.12	136.70	8.99	145.30	9.43	162.00	10.31
	115	78.00	5.37	94.70	6.78	111.60	8.22	120.00	8.96	136.70	9.84	145.30	10.28	162.00	11.14
	118	78.00	6.11	94.70	7.69	111.60	9.23	120.00	10.00	136.70	10.84	145.30	11.24	162.00	12.01
	120	78.00	6.85	94.70	8.39	111.60	9.90	120.00	10.64	132.30	11.42	139.40	11.79	155.30	12.49
	122	78.00	7.32	94.70	8.99	111.60	10.60	120.00	11.38	132.30	12.22	132.40	11.55	147.60	12.25

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

VPC/VRC240L4M

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	298.70	52.15	288.00	54.88	282.70	56.17	277.40	57.45	275.00	57.88	272.40	57.95
	-17.8	-18.0	315.00	53.00	304.30	55.74	299.00	57.02	293.70	58.31	291.10	58.73	288.60	58.80
	-12.6	-13.0	339.30	54.28	328.60	57.02	323.30	58.31	318.00	59.59	315.40	60.02	313.00	60.06
	-7.1	-7.6	363.60	55.57	353.00	58.31	347.60	59.59	342.30	60.87	337.30	61.30	325.70	59.26
	-3.6	-4.0	379.70	56.42	369.00	59.16	363.70	60.44	350.00	61.30	338.40	58.86	325.70	54.73
	-1.8	-2.2	388.00	56.85	377.30	59.59	372.00	60.87	350.70	60.46	338.40	56.58	325.70	52.61
	2.0	1.0	404.00	57.71	393.40	60.44	377.30	61.20	351.00	56.22	338.40	52.27	325.70	48.60
	6.0	5.0	428.40	58.99	404.00	60.24	377.70	55.11	351.00	49.91	338.40	46.42	325.70	43.17
	10.0	9.0	444.60	59.84	404.30	55.90	377.70	50.93	351.00	46.13	338.40	42.90	325.70	39.91
	13.0	12.0	452.70	60.27	404.30	53.73	377.70	48.96	351.00	44.35	338.40	41.26	325.70	38.37
	17.0	15.0	457.70	56.63	404.30	47.75	377.70	43.53	351.00	39.48	338.40	36.74	325.70	34.19
	19.0	18.0	457.70	54.43	404.30	45.93	377.70	41.88	351.00	37.99	338.40	35.36	325.70	32.91
	23.0	21.0	457.70	50.32	404.30	42.51	377.70	38.79	351.00	35.20	338.40	32.80	325.70	30.54
	26.0	24.0	457.70	46.56	404.30	39.38	377.70	35.96	351.00	32.67	338.40	30.46	325.70	28.37
	30.0	28.0	457.70	43.11	404.30	36.52	377.70	33.39	351.00	30.37	338.40	28.32	325.70	26.40
	35.0	32.0	457.70	38.50	404.30	32.71	377.70	29.97	351.00	27.31	338.40	25.50	325.70	23.79
	39.0	36.0	457.70	35.75	404.30	30.47	377.70	27.96	351.00	25.53	338.40	23.85	325.70	22.28
	44.0	40.0	457.70	33.27	404.30	28.46	377.70	26.15	351.00	23.91	338.40	22.37	325.70	20.90
	47.0	43.0	457.70	32.12	404.30	27.51	377.70	25.30	351.00	23.16	338.40	21.68	325.70	20.27
	51.0	47.0	457.70	30.02	404.30	25.80	377.70	23.78	351.00	21.81	338.40	20.44	325.70	19.12
	54.0	50.0	457.70	28.11	404.30	24.28	377.70	22.41	351.00	20.62	338.40	19.34	325.70	18.13
	57.0	53.0	457.70	25.64	404.30	22.28	377.70	20.66	351.00	19.05	338.40	17.90	325.70	16.81
	60.0	56.0	457.70	24.19	404.30	21.13	377.70	19.61	351.00	18.15	338.40	17.08	325.70	16.05
120	-21.8	-22.0	291.70	50.97	282.00	54.60	277.00	56.81	272.00	56.89	269.70	55.41	267.40	53.98
	-17.8	-18.0	308.00	51.83	298.00	55.45	293.30	57.67	288.30	57.74	286.00	56.26	283.60	54.83
	-12.6	-13.0	332.30	53.11	322.40	56.73	317.40	58.95	312.60	59.02	310.30	57.55	300.70	56.12
	-7.1	-7.6	356.60	54.39	346.70	58.02	341.70	60.23	324.00	57.60	312.30	53.54	300.70	49.83
	-3.6	-4.0	372.70	55.25	363.00	58.87	348.70	58.85	324.00	53.20	312.30	49.46	300.70	46.02
	-1.8	-2.2	380.90	55.68	371.00	59.30	348.70	56.55	324.00	51.13	312.30	47.55	300.70	44.24
	2.0	1.0	397.00	56.53	373.30	57.42	348.70	52.24	324.00	47.24	312.30	43.93	300.70	40.87
	6.0	5.0	421.30	57.81	373.30	50.97	348.70	46.38	324.00	41.95	312.30	39.03	300.70	36.31
	10.0	9.0	422.60	55.97	373.30	47.09	348.70	42.89	324.00	38.79	312.30	36.09	300.70	33.60
	13.0	12.0	422.60	53.80	373.30	45.28	348.70	41.24	324.00	37.31	312.30	34.71	300.70	32.32
	17.0	15.0	422.60	47.79	373.30	40.27	348.70	36.70	324.00	33.24	312.30	30.93	300.70	28.83
	19.0	18.0	422.60	45.97	373.30	38.74	348.70	35.32	324.00	32.01	312.30	29.79	300.70	27.75
	23.0	21.0	422.60	42.52	373.30	35.87	348.70	32.75	324.00	29.70	312.30	27.65	300.70	25.77
	26.0	24.0	422.60	39.36	373.30	33.27	348.70	30.38	324.00	27.60	312.30	25.70	300.70	23.97
	30.0	28.0	422.60	36.49	373.30	30.90	348.70	28.25	324.00	25.69	312.30	23.95	300.70	22.35
	35.0	32.0	422.60	32.65	373.30	27.74	348.70	25.41	324.00	23.16	312.30	21.62	300.70	20.18
	39.0	36.0	422.60	30.38	373.30	25.89	348.70	23.76	324.00	21.68	312.30	20.24	300.70	18.93
	44.0	40.0	422.60	28.33	373.30	24.21	348.70	22.25	324.00	20.36	312.30	19.02	300.70	17.80
	47.0	43.0	422.60	27.38	373.30	23.43	348.70	21.56	324.00	19.74	312.30	18.46	300.70	17.28
	51.0	47.0	422.60	25.64	373.30	22.02	348.70	20.31	324.00	18.65	312.30	17.44	300.70	16.35
	54.0	50.0	422.60	24.09	373.30	20.77	348.70	19.19	324.00	17.66	312.30	16.55	300.70	15.51
	57.0	53.0	422.60	22.05	373.30	19.15	348.70	17.75	324.00	16.38	312.30	15.37	300.70	14.45
	60.0	56.0	422.60	20.89	373.30	18.20	348.70	16.92	324.00	15.66	312.30	14.70	300.70	13.82
110	-21.8	-22.0	284.70	51.86	275.70	52.58	271.10	55.25	266.70	54.88	264.60	53.54	262.40	52.10
	-17.8	-18.0	301.00	52.72	292.00	53.44	287.30	56.10	282.90	55.74	280.70	54.39	275.70	52.95
	-12.6	-13.0	325.30	54.00	316.30	54.72	311.70	57.39	297.00	54.41	286.30	50.65	275.70	47.06
	-7.1	-7.6	349.60	55.28	340.40	56.00	319.60	53.41	297.00	48.30	286.30	44.98	275.70	41.77
	-3.6	-4.0	365.70	56.14	342.10	54.23	319.60	49.33	297.00	44.62	286.30	41.53	275.70	38.60
	-1.8	-2.2	373.70	56.57	342.10	52.12	319.60	47.42	297.00	42.89	286.30	39.92	275.70	37.09
	2.0	1.0	387.30	57.42	342.10	48.14	319.60	43.80	297.00	39.63	286.30	36.89	275.70	34.26
	6.0	5.0	387.30	50.98	342.10	42.77	319.60	38.92	297.00	35.22	286.30	32.80	275.70	30.47
	10.0	9.0	387.30	47.09	342.10	39.52	319.60	35.99	297.00	32.59	286.30	30.34	275.70	28.20
	13.0	12.0	387.30	45.28	342.10	38.01	319.60	34.61	297.00	31.34	286.30	29.19	275.70	27.15
	17.0	15.0	387.30	40.25	342.10	33.83	319.60	30.85	297.00	27.95	286.30	26.06	275.70	24.23
	19.0	18.0	387.30	38.71	342.10	32.57	319.60	29.70	297.00	26.93	286.30	25.11	275.70	23.36
	23.0	21.0	387.30	35.84	342.10	30.20	319.60	27.56	297.00	25.02	286.30	23.33	275.70	21.72
	26.0	24.0	387.30	33.23	342.10	28.04	319.60	25.61	297.00	23.27	286.30	21.72	275.70	20.23
	30.0	28.0	387.30	30.83	342.10	26.09	319.60	23.84	297.00	21.69	286.30	20.24	275.70	18.88
	35.0	32.0	387.30	27.65	342.10	23.47	319.60	21.50	297.00	19.61	286.30	18.33	275.70	17.11
	39.0	36.0	387.30	25.77	342.10	21.95	319.60	20.15	297.00	18.38	286.30	17.21	275.70	16.06
	44.0	40.0	387.30	24.09	342.10	20.57	319.60	18.90	297.00	17.29	286.30	16.19	275.70	15.14
	47.0	43.0	387.30	23.30	342.10	19.94	319.60	18.34	297.00	16.79	286.30	15.73	275.70	14.71
	51.0	47.0	387.30	21.88	342.10	18.79	319.60	17.32	297.00	15.90	286.30	14.90	275.70	13.95
	54.0	50.0	387.30	20.61	342.10	17.77	319.60	16.42	297.00	15.08	286.30	14.15	275.70	13.27
	57.0	53.0	387.30	18.95	342.10	16.45	319.60	15.24	297.00	14.05	286.30	13.20	275.70	12.40
	60.0	56.0	387.30	18.00	342.10	15.69	319.60	14.56	297.00	13.44	286.30	12.66	275.70	11.88

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/VRC240L4M

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	277.70	49.77	269.40	50.56	265.30	50.56	261.30	50.62	256.40	49.01	250.60	47.74
	-17.8	-18.0	293.90	50.62	285.70	51.42	281.60	51.42	270.00	51.08	260.30	47.56	250.60	44.16
	-12.6	-13.0	318.10	51.91	310.00	52.70	290.60	50.24	270.00	45.36	260.30	42.23	250.60	39.22
	-7.1	-7.6	342.40	53.19	311.00	49.08	290.60	44.61	270.00	40.28	260.30	37.49	250.60	34.81
	-3.6	-4.0	352.00	54.05	311.00	45.33	290.60	41.21	270.00	37.22	260.30	34.63	250.60	32.17
	-1.8	-2.2	352.00	51.94	311.00	43.58	290.60	39.60	270.00	35.77	260.30	33.30	250.60	30.93
	2.0	1.0	352.00	47.99	311.00	40.26	290.60	36.60	270.00	33.05	260.30	30.77	250.60	28.59
	6.0	5.0	352.00	42.60	311.00	35.78	290.60	32.52	270.00	29.39	260.30	27.38	250.60	25.43
	10.0	9.0	352.00	39.38	311.00	33.08	290.60	30.09	270.00	27.21	260.30	25.34	250.60	23.56
	13.0	12.0	352.00	37.86	311.00	31.83	290.60	28.96	270.00	26.19	260.30	24.39	250.60	22.67
	17.0	15.0	352.00	33.69	311.00	28.37	290.60	25.84	270.00	23.40	260.30	21.79	250.60	20.27
	19.0	18.0	352.00	32.43	311.00	27.32	290.60	24.89	270.00	22.54	260.30	21.00	250.60	19.55
	23.0	21.0	352.00	30.06	311.00	25.35	290.60	23.11	270.00	20.96	260.30	19.55	250.60	18.20
	26.0	24.0	352.00	27.89	311.00	23.57	290.60	21.52	270.00	19.54	260.30	18.23	250.60	16.98
	30.0	28.0	352.00	25.92	311.00	21.95	290.60	20.08	270.00	18.24	260.30	17.02	250.60	15.86
	35.0	32.0	352.00	23.32	311.00	19.82	290.60	18.16	270.00	16.55	260.30	15.44	250.60	14.41
	39.0	36.0	352.00	21.78	311.00	18.56	290.60	17.02	270.00	15.54	260.30	14.52	250.60	13.58
	44.0	40.0	352.00	20.40	311.00	17.44	290.60	16.03	270.00	14.65	260.30	13.70	250.60	12.83
	47.0	43.0	352.00	19.77	311.00	16.92	290.60	15.57	270.00	14.25	260.30	13.33	250.60	12.47
	51.0	47.0	352.00	18.62	311.00	16.00	290.60	14.75	270.00	13.52	260.30	12.67	250.60	11.85
	54.0	50.0	352.00	17.60	311.00	15.17	290.60	14.02	270.00	12.87	260.30	12.05	250.60	11.31
	57.0	53.0	352.00	16.25	311.00	14.09	290.60	13.06	270.00	12.04	260.30	11.29	250.60	10.59
	60.0	56.0	352.00	15.49	311.00	13.47	290.60	12.51	270.00	11.55	260.30	10.83	250.60	10.19
90	-21.8	-22.0	270.70	51.26	263.30	49.55	257.00	49.50	243.00	47.03	234.30	43.83	225.60	40.66
	-17.8	-18.0	286.70	52.12	279.40	50.40	261.40	48.02	243.00	43.50	234.30	40.50	225.60	37.57
	-12.6	-13.0	311.10	53.40	280.00	46.95	261.40	42.65	243.00	38.61	234.30	35.96	225.60	33.35
	-7.1	-7.6	317.00	49.72	280.00	41.70	261.40	37.85	243.00	34.29	234.30	31.92	225.60	29.60
	-3.6	-4.0	317.00	45.94	280.00	38.52	261.40	34.98	243.00	31.68	234.30	29.49	225.60	27.36
	-1.8	-2.2	317.00	44.15	280.00	37.03	261.40	33.63	243.00	30.44	234.30	28.36	225.60	26.31
	2.0	1.0	317.00	40.80	280.00	34.21	261.40	31.07	243.00	28.14	234.30	26.22	225.60	24.33
	6.0	5.0	317.00	36.23	280.00	30.42	261.40	27.64	243.00	25.05	234.30	23.33	225.60	21.66
	10.0	9.0	317.00	33.50	280.00	28.15	261.40	25.60	243.00	23.20	234.30	21.62	225.60	20.08
	13.0	12.0	317.00	32.24	280.00	27.09	261.40	24.62	243.00	22.34	234.30	20.83	225.60	19.33
	17.0	15.0	317.00	28.72	280.00	24.17	261.40	22.01	243.00	19.98	234.30	18.63	225.60	17.32
	19.0	18.0	317.00	27.67	280.00	23.30	261.40	21.22	243.00	19.28	234.30	17.97	225.60	16.70
	23.0	21.0	317.00	25.67	280.00	21.66	261.40	19.74	243.00	17.94	234.30	16.75	225.60	15.58
	26.0	24.0	317.00	23.86	280.00	20.18	261.40	18.40	243.00	16.75	234.30	15.63	225.60	14.55
	30.0	28.0	317.00	22.21	280.00	18.83	261.40	17.18	243.00	15.67	234.30	14.64	225.60	13.63
	35.0	32.0	317.00	20.04	280.00	17.05	261.40	15.60	243.00	14.25	234.30	13.32	225.60	12.42
	39.0	36.0	317.00	18.78	280.00	16.00	261.40	14.68	243.00	13.42	234.30	12.54	225.60	11.72
	44.0	40.0	317.00	17.64	280.00	15.08	261.40	13.85	243.00	12.67	234.30	11.87	225.60	11.09
	47.0	43.0	317.00	17.11	280.00	14.65	261.40	13.46	243.00	12.34	234.30	11.55	225.60	10.80
	51.0	47.0	317.00	16.16	280.00	13.89	261.40	12.77	243.00	11.74	234.30	10.99	225.60	10.28
	54.0	50.0	317.00	15.33	280.00	13.20	261.40	12.18	243.00	11.19	234.30	10.50	225.60	9.84
	57.0	53.0	317.00	14.24	280.00	12.32	261.40	11.39	243.00	10.50	234.30	9.87	225.60	9.25
	60.0	56.0	317.00	13.59	280.00	11.82	261.40	10.95	243.00	10.10	234.30	9.48	225.60	8.92
80	-21.8	-22.0	263.60	49.62	248.90	48.02	232.40	43.58	216.00	39.54	208.30	36.78	200.40	34.14
	-17.8	-18.0	279.70	50.47	248.90	44.41	232.40	40.28	216.00	36.52	208.30	33.98	200.40	31.53
	-12.6	-13.0	281.70	47.04	248.90	39.43	232.40	35.77	216.00	32.43	208.30	30.17	200.40	27.99
	-7.1	-7.6	281.70	41.75	248.90	35.02	232.40	31.76	216.00	28.79	208.30	26.78	200.40	24.86
	-3.6	-4.0	281.70	38.59	248.90	32.35	232.40	29.33	216.00	26.61	208.30	24.76	200.40	22.98
	-1.8	-2.2	281.70	37.08	248.90	31.10	232.40	28.21	216.00	25.59	208.30	23.81	200.40	22.09
	2.0	1.0	281.70	34.25	248.90	28.74	232.40	26.07	216.00	23.66	208.30	22.03	200.40	20.44
	6.0	5.0	281.70	30.46	248.90	25.57	232.40	23.21	216.00	21.08	208.30	19.62	200.40	18.23
	10.0	9.0	281.70	28.19	248.90	23.69	232.40	21.52	216.00	19.54	208.30	18.18	200.40	16.91
	13.0	12.0	281.70	27.11	248.90	22.81	232.40	20.73	216.00	18.82	208.30	17.52	200.40	16.29
	17.0	15.0	281.70	24.21	248.90	20.40	232.40	18.56	216.00	16.87	208.30	15.71	200.40	14.62
	19.0	18.0	281.70	23.32	248.90	19.65	232.40	17.90	216.00	16.28	208.30	15.18	200.40	14.12
	23.0	21.0	281.70	21.68	248.90	18.30	232.40	16.68	216.00	15.17	208.30	14.16	200.40	13.17
	26.0	24.0	281.70	20.17	248.90	17.08	232.40	15.57	216.00	14.18	208.30	13.24	200.40	12.34
	30.0	28.0	281.70	18.82	248.90	15.96	232.40	14.58	216.00	13.29	208.30	12.41	200.40	11.58
	35.0	32.0	281.70	17.04	248.90	14.51	232.40	13.27	216.00	12.13	208.30	11.33	200.40	10.57
	39.0	36.0	281.70	15.99	248.90	13.66	232.40	12.51	216.00	11.45	208.30	10.70	200.40	10.00
	44.0	40.0	281.70	15.07	248.90	12.90	232.40	11.82	216.00	10.83	208.30	10.14	200.40	9.48
	47.0	43.0	281.70	14.64	248.90	12.54	232.40	11.52	216.00	10.56	208.30	9.88	200.40	9.25
	51.0	47.0	281.70	13.88	248.90	11.92	232.40	10.96	216.00	10.07	208.30	9.42	200.40	8.83
	54.0	50.0	281.70	13.19	248.90	11.36	232.40	10.47	216.00	9.64	208.30	9.02	200.40	8.46
	57.0	53.0	281.70	12.30	248.90	10.66	232.40	9.84	216.00	9.07	208.30	8.50	200.40	7.99
	60.0	56.0	281.70	11.81	248.90	10.24	232.40	9.48	216.00	8.75	208.30	8.20	200.40	7.71

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/VRC240L4M

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	246.40	47.19	217.70	39.58	203.40	36.04	189.00	32.58	182.30	30.26	175.40	28.27
	-17.8	-18.0	246.40	43.64	217.70	36.55	203.40	33.30	189.00	30.09	182.30	27.96	175.40	26.10
	-12.6	-13.0	246.40	38.74	217.70	32.46	203.40	29.55	189.00	26.73	182.30	24.83	175.40	23.17
	-7.1	-7.6	246.40	34.41	217.70	28.82	203.40	26.26	189.00	23.74	182.30	22.06	175.40	20.60
	-3.6	-4.0	246.40	31.78	217.70	26.64	203.40	24.26	189.00	21.93	182.30	20.38	175.40	19.03
	-1.8	-2.2	246.40	30.56	217.70	25.61	203.40	23.33	189.00	21.10	182.30	19.62	175.40	18.30
	2.0	1.0	246.40	28.25	217.70	23.68	203.40	21.59	189.00	19.53	182.30	18.15	175.40	16.95
	6.0	5.0	246.40	25.13	217.70	21.10	203.40	19.25	189.00	17.42	182.30	16.20	175.40	15.11
	10.0	9.0	246.40	23.28	217.70	19.56	203.40	17.84	189.00	16.17	182.30	15.04	175.40	14.05
	13.0	12.0	246.40	22.40	217.70	18.84	203.40	17.20	189.00	15.58	182.30	14.49	175.40	13.53
	17.0	15.0	246.40	20.05	217.70	16.89	203.40	15.43	189.00	14.00	182.30	13.03	175.40	12.17
	19.0	18.0	246.40	19.33	217.70	16.30	203.40	14.90	189.00	13.51	182.30	12.58	175.40	11.75
	23.0	21.0	246.40	17.99	217.70	15.18	203.40	13.89	189.00	12.63	182.30	11.76	175.40	10.99
	26.0	24.0	246.40	16.79	217.70	14.20	203.40	13.00	189.00	11.83	182.30	11.03	175.40	10.30
	30.0	28.0	246.40	15.71	217.70	13.31	203.40	12.21	189.00	11.11	182.30	10.37	175.40	9.68
	35.0	32.0	246.40	14.26	217.70	12.15	203.40	11.15	189.00	10.16	182.30	9.48	175.40	8.88
	39.0	36.0	246.40	13.44	217.70	11.46	203.40	10.53	189.00	9.63	182.30	8.99	175.40	8.40
	44.0	40.0	246.40	12.68	217.70	10.84	203.40	10.00	189.00	9.14	182.30	8.53	175.40	7.99
	47.0	43.0	246.40	12.35	217.70	10.57	203.40	9.74	189.00	8.91	182.30	8.33	175.40	7.80
	51.0	47.0	246.40	11.75	217.70	10.08	203.40	9.31	189.00	8.52	182.30	7.97	175.40	7.47
	54.0	50.0	246.40	11.20	217.70	9.64	203.40	8.91	189.00	8.16	182.30	7.64	175.40	7.17
	57.0	53.0	246.40	10.50	217.70	9.08	203.40	8.39	189.00	7.72	182.30	7.24	175.40	6.78
	60.0	56.0	246.40	10.11	217.70	8.76	203.40	8.10	189.00	7.46	182.30	7.01	175.40	6.55
60	-21.8	-22.0	211.30	38.09	186.70	32.00	174.30	29.11	162.00	26.35	156.30	24.55	150.30	22.84
	-17.8	-18.0	211.30	35.19	186.70	29.57	174.30	26.88	162.00	24.35	156.30	22.67	150.30	21.09
	-12.6	-13.0	211.30	31.24	186.70	26.25	174.30	23.88	162.00	21.62	156.30	20.14	150.30	18.73
	-7.1	-7.6	211.30	27.73	186.70	23.32	174.30	21.21	162.00	19.21	156.30	17.90	150.30	16.65
	-3.6	-4.0	211.30	25.63	186.70	21.55	174.30	19.61	162.00	17.77	156.30	16.55	150.30	15.40
	-1.8	-2.2	211.30	24.64	186.70	20.72	174.30	18.85	162.00	17.08	156.30	15.92	150.30	14.81
	2.0	1.0	211.30	22.80	186.70	19.18	174.30	17.46	162.00	15.82	156.30	14.74	150.30	13.72
	6.0	5.0	211.30	20.32	186.70	17.10	174.30	15.59	162.00	14.12	156.30	13.17	150.30	12.27
	10.0	9.0	211.30	18.84	186.70	15.88	174.30	14.47	162.00	13.13	156.30	12.24	150.30	11.39
	13.0	12.0	211.30	18.15	186.70	15.30	174.30	13.95	162.00	12.67	156.30	11.81	150.30	10.99
	17.0	15.0	211.30	16.28	186.70	13.75	174.30	12.54	162.00	11.39	156.30	10.63	150.30	9.91
	19.0	18.0	211.30	15.70	186.70	13.26	174.30	12.11	162.00	11.02	156.30	10.27	150.30	9.58
	23.0	21.0	211.30	14.64	186.70	12.40	174.30	11.34	162.00	10.30	156.30	9.64	150.30	8.98
	26.0	24.0	211.30	13.71	186.70	11.61	174.30	10.63	162.00	9.67	156.30	9.05	150.30	8.42
	30.0	28.0	211.30	12.86	186.70	10.91	174.30	10.00	162.00	9.11	156.30	8.52	150.30	7.93
	35.0	32.0	211.30	11.74	186.70	9.97	174.30	9.17	162.00	8.36	156.30	7.83	150.30	7.30
	39.0	36.0	211.30	11.08	186.70	9.44	174.30	8.68	162.00	7.93	156.30	7.43	150.30	6.94
	44.0	40.0	211.30	10.49	186.70	8.98	174.30	8.26	162.00	7.54	156.30	7.07	150.30	6.61
	47.0	43.0	211.30	10.23	186.70	8.75	174.30	8.06	162.00	7.37	156.30	6.91	150.30	6.45
	51.0	47.0	211.30	9.77	186.70	8.36	174.30	7.72	162.00	7.07	156.30	6.62	150.30	6.19
	54.0	50.0	211.30	9.34	186.70	8.02	174.30	7.41	162.00	6.78	156.30	6.38	150.30	5.95
	57.0	53.0	211.30	8.81	186.70	7.57	174.30	7.01	162.00	6.44	156.30	6.05	150.30	5.66
	60.0	56.0	211.30	8.49	186.70	7.33	174.30	6.78	162.00	6.25	156.30	5.86	150.30	5.49
50	-21.8	-22.0	176.00	29.82	155.60	25.04	145.30	22.79	135.00	20.62	130.10	19.28	125.30	17.96
	-17.8	-18.0	176.00	27.55	155.60	23.13	145.30	21.05	135.00	19.05	130.10	17.80	125.30	16.59
	-12.6	-13.0	176.00	24.46	155.60	20.55	145.30	18.69	135.00	16.93	130.10	15.82	125.30	14.74
	-7.1	-7.6	176.00	21.72	155.60	18.25	145.30	16.61	135.00	15.05	130.10	14.05	125.30	13.10
	-3.6	-4.0	176.00	20.08	155.60	16.87	145.30	15.36	135.00	13.93	130.10	13.00	125.30	12.12
	-1.8	-2.2	176.00	19.32	155.60	16.24	145.30	14.80	135.00	13.40	130.10	12.53	125.30	11.68
	2.0	1.0	176.00	17.88	155.60	15.05	145.30	13.69	135.00	12.42	130.10	11.61	125.30	10.82
	6.0	5.0	176.00	15.96	155.60	13.44	145.30	12.24	135.00	11.11	130.10	10.39	125.30	9.68
	10.0	9.0	176.00	14.81	155.60	12.49	145.30	11.38	135.00	10.34	130.10	9.67	125.30	9.02
	13.0	12.0	176.00	14.29	155.60	12.05	145.30	10.99	135.00	9.98	130.10	9.34	125.30	8.69
	17.0	15.0	176.00	12.84	155.60	10.84	145.30	9.90	135.00	9.00	130.10	8.42	125.30	7.86
	19.0	18.0	176.00	12.41	155.60	10.48	145.30	9.58	135.00	8.70	130.10	8.15	125.30	7.60
	23.0	21.0	176.00	11.59	155.60	9.82	145.30	8.98	135.00	8.17	130.10	7.64	125.30	7.14
	26.0	24.0	176.00	10.87	155.60	9.22	145.30	8.43	135.00	7.68	130.10	7.20	125.30	6.71
	30.0	28.0	176.00	10.21	155.60	8.69	145.30	7.96	135.00	7.25	130.10	6.78	125.30	6.35
	35.0	32.0	176.00	9.36	155.60	7.98	145.30	7.31	135.00	6.68	130.10	6.25	125.30	5.85
	39.0	36.0	176.00	8.86	155.60	7.58	145.30	6.95	135.00	6.36	130.10	5.95	125.30	5.56
	44.0	40.0	176.00	8.43	155.60	7.21	145.30	6.64	135.00	6.06	130.10	5.69	125.30	5.30
	47.0	43.0	176.00	8.23	155.60	7.05	145.30	6.48	135.00	5.93	130.10	5.56	125.30	5.20
	51.0	47.0	176.00	7.87	155.60	6.76	145.30	6.22	135.00	5.70	130.10	5.33	125.30	5.00
	54.0	50.0	176.00	7.57	155.60	6.49	145.30	5.99	135.00	5.50	130.10	5.16	125.30	4.81
	57.0	53.0	176.00	7.15	155.60	6.16	145.30	5.69	135.00	5.23	130.10	4.90	125.30	4.60
	60.0	56.0	176.00	6.92	155.60	5.99	145.30	5.52	135.00	5.07	130.10	4.77	125.30	4.47

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/VRC264L4M

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	223.00	4.19	271.00	5.83	319.10	7.42	343.20	8.38	391.20	9.73	445.37	10.62	486.86	11.80
	10	223.00	4.42	271.00	6.07	319.10	7.69	343.20	8.65	391.20	9.97	440.96	10.84	482.03	11.98
	14	223.00	4.65	271.00	6.33	319.10	7.96	343.20	8.92	391.20	10.23	436.59	11.07	477.27	12.17
	23	223.00	4.89	271.00	6.60	319.10	8.24	343.20	9.19	391.20	10.50	432.27	11.30	472.53	12.36
	27	223.00	5.15	271.00	6.87	319.10	8.54	343.20	9.47	391.20	10.77	427.99	11.53	467.86	12.55
	32	223.00	5.42	271.00	7.15	319.10	8.85	343.20	9.77	391.20	11.04	423.74	11.76	463.23	12.74
	37	223.00	5.70	271.00	7.45	319.10	9.17	343.20	10.08	391.20	11.32	419.56	12.00	458.64	12.93
	41	223.00	6.00	271.00	7.76	319.10	9.51	343.20	10.39	391.20	11.62	415.40	12.24	454.10	13.12
	46	223.00	6.14	271.00	7.91	319.10	9.69	343.20	10.57	391.20	11.85	415.40	12.50	452.30	13.37
	50	223.00	6.29	271.00	8.04	319.10	9.85	343.20	10.74	391.20	12.06	414.50	12.70	450.30	13.57
	54	223.00	6.48	271.00	8.27	319.10	10.07	343.20	10.97	391.20	12.32	413.30	12.93	447.70	13.84
	57	223.00	6.72	271.00	8.50	319.10	10.31	343.20	11.24	391.20	12.67	412.10	13.29	445.10	14.17
	61	223.00	6.92	271.00	8.77	319.10	10.65	343.20	11.59	391.20	13.09	410.90	13.66	442.50	14.57
	64	223.00	7.26	271.00	9.11	319.10	11.01	343.20	11.98	391.20	13.56	409.70	14.13	439.90	15.09
	68	223.00	7.54	271.00	9.46	319.10	11.43	343.20	12.47	390.10	14.11	408.50	14.72	437.10	15.83
	72	223.00	7.88	271.00	9.86	319.10	11.93	343.20	13.04	388.90	14.78	407.30	15.52	434.50	16.69
	75	223.00	8.27	271.00	10.27	319.10	12.55	343.20	13.76	387.70	15.65	406.10	16.45	431.90	17.77
	79	223.00	8.57	271.00	10.86	319.10	13.29	343.20	14.68	386.50	16.63	404.90	17.57	429.30	19.07
	82	223.00	9.18	271.00	11.47	319.10	14.21	343.20	15.68	385.30	17.86	403.70	18.92	426.70	20.40
	86	223.00	9.61	271.00	12.27	319.10	15.18	343.20	16.91	384.10	19.24	401.10	20.23	423.90	21.92
	90	223.00	10.32	271.00	13.10	319.10	16.50	343.20	18.34	382.90	20.59	398.50	21.61	421.30	23.64
	93	223.00	11.04	271.00	14.29	319.10	17.88	343.20	19.70	381.70	22.14	395.90	23.28	418.70	25.35
	95	223.00	11.44	271.00	14.94	319.10	18.53	343.20	20.39	381.10	23.03	394.50	24.15	417.30	25.93
	99	223.00	12.70	271.00	16.22	319.10	19.89	343.20	22.06	379.90	24.89	391.90	25.90	414.70	26.41
	102	223.00	13.91	271.00	17.45	319.10	21.67	342.10	23.85	376.50	26.61	384.50	26.55	396.00	25.71
	106	223.00	15.10	271.00	19.04	319.10	23.59	340.90	25.75	360.40	26.30	361.80	25.46	365.60	23.98
	111	223.00	17.30	271.00	21.85	308.30	25.77	310.60	25.18	313.40	23.52	315.30	22.76	320.00	21.39
	115	223.00	19.08	269.20	24.09	277.90	23.90	278.60	23.21	282.00	21.66	284.50	20.97	289.60	19.66
	118	223.00	21.24	244.60	23.33	245.30	21.89	246.40	21.24	250.80	19.81	253.40	19.16	259.20	17.92
	120	221.50	22.64	227.70	22.25	229.10	20.89	230.30	20.24	235.30	18.89	238.00	18.27	243.90	17.07
	122	208.30	21.74	214.10	21.36	215.50	20.05	216.40	19.43	221.10	18.13	223.70	17.54	229.20	16.38
120	5	206.00	3.91	250.40	5.39	294.70	6.80	316.80	7.69	361.20	8.90	383.20	9.72	458.44	11.08
	10	206.00	4.11	250.40	5.62	294.70	7.04	316.80	7.92	361.20	9.13	383.20	9.92	453.91	11.24
	14	206.00	4.33	250.40	5.85	294.70	7.30	316.80	8.16	361.20	9.36	383.20	10.12	449.42	11.40
	23	206.00	4.56	250.40	6.09	294.70	7.57	316.80	8.42	361.20	9.60	383.20	10.32	444.96	11.56
	27	206.00	4.80	250.40	6.35	294.70	7.84	316.80	8.69	361.20	9.84	383.20	10.52	440.56	11.75
	32	206.00	5.06	250.40	6.62	294.70	8.12	316.80	8.96	361.20	10.10	383.20	10.74	436.20	11.94
	37	206.00	5.33	250.40	6.89	294.70	8.42	316.80	9.23	361.20	10.36	383.20	10.97	431.87	12.13
	41	206.00	5.60	250.40	7.17	294.70	8.73	316.80	9.51	361.20	10.63	383.20	11.20	427.60	12.32
	46	206.00	5.72	250.40	7.30	294.70	8.88	316.80	9.66	361.20	10.81	383.20	11.39	427.60	12.58
	50	206.00	5.86	250.40	7.42	294.70	9.00	316.80	9.81	361.20	11.00	383.20	11.59	427.40	12.81
	54	206.00	6.02	250.40	7.60	294.70	9.19	316.80	10.00	361.20	11.21	383.20	11.83	426.20	13.04
	57	206.00	6.19	250.40	7.80	294.70	9.41	316.80	10.23	361.20	11.51	383.20	12.16	425.00	13.40
	61	206.00	6.37	250.40	8.00	294.70	9.69	316.80	10.54	361.20	11.86	383.20	12.55	423.80	13.77
	64	206.00	6.63	250.40	8.29	294.70	10.00	316.80	10.86	361.20	12.25	383.20	12.98	422.60	14.28
	68	206.00	6.84	250.40	8.57	294.70	10.35	316.80	11.27	361.20	12.75	383.20	13.55	421.40	14.91
	72	206.00	7.11	250.40	8.92	294.70	10.78	316.80	11.77	361.20	13.40	383.20	14.25	420.20	15.77
	75	206.00	7.46	250.40	9.31	294.70	11.32	316.80	12.40	361.20	14.21	383.20	15.17	419.00	16.79
	79	206.00	7.77	250.40	9.84	294.70	12.01	316.80	13.20	361.20	15.18	382.10	16.19	417.80	18.06
	82	206.00	8.31	250.40	10.40	294.70	12.82	316.80	14.14	361.20	16.33	380.90	17.39	416.60	19.42
	86	206.00	8.76	250.40	11.09	294.70	13.72	316.80	15.22	361.20	17.68	379.70	18.72	415.00	20.83
	90	206.00	9.35	250.40	11.86	294.70	14.87	316.80	16.53	360.80	19.05	378.50	20.09	412.20	22.27
	93	206.00	9.96	250.40	12.86	294.70	16.14	316.80	17.87	359.60	20.42	377.30	21.58	409.60	23.89
	95	206.00	10.32	250.40	13.44	294.70	16.77	316.80	18.55	359.00	21.18	376.70	22.40	408.40	24.68
	99	206.00	11.38	250.40	14.61	294.70	18.11	316.80	20.00	357.80	22.81	375.50	24.08	405.60	26.08
	102	206.00	12.47	250.40	15.84	294.70	19.65	316.80	21.67	356.60	24.51	372.90	25.58	389.80	25.61
	106	206.00	13.60	250.40	17.30	294.70	21.32	316.80	23.44	350.40	25.57	355.70	25.22	360.10	23.94
	111	206.00	15.72	250.40	19.77	292.90	23.88	303.30	24.55	306.90	23.17	309.20	22.52	314.60	21.35
	115	206.00	17.34	250.10	21.67	269.80	23.06	271.30	22.66	275.70	21.32	278.30	20.73	284.20	19.62
	118	206.00	19.19	234.70	21.89	237.60	21.09	239.10	20.69	244.50	19.47	247.40	18.93	253.70	17.89
	120	206.00	20.32	218.60	20.93	221.40	20.08	223.00	19.69	228.80	18.55	231.80	18.03	238.60	17.03
	122	193.60	19.51	205.40	20.09	208.20	19.27	209.70	18.91	215.20	17.81	217.90	17.30	224.30	16.34

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/VRC264L4M

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	188.80	3.63	229.50	4.92	270.20	6.21	290.40	6.97	331.10	8.10	351.30	8.80	392.00	10.06
	10	188.80	3.82	229.50	5.12	270.20	6.44	290.40	7.19	331.10	8.30	351.30	8.99	392.00	10.21
	14	188.80	4.02	229.50	5.34	270.20	6.67	290.40	7.42	331.10	8.50	351.30	9.18	392.00	10.36
	23	188.80	4.22	229.50	5.57	270.20	6.91	290.40	7.65	331.10	8.72	351.30	9.37	392.00	10.52
	27	188.80	4.45	229.50	5.80	270.20	7.15	290.40	7.88	331.10	8.95	351.30	9.56	392.00	10.68
	32	188.80	4.68	229.50	6.04	270.20	7.41	290.40	8.12	331.10	9.18	351.30	9.75	392.00	10.84
	37	188.80	4.92	229.50	6.30	270.20	7.68	290.40	8.36	331.10	9.41	351.30	9.95	392.00	11.00
	41	188.80	5.18	229.50	6.57	270.20	7.95	290.40	8.62	331.10	9.65	351.30	10.15	392.00	11.16
	46	188.80	5.33	229.50	6.69	270.20	8.07	290.40	8.76	331.10	9.80	351.30	10.31	392.00	11.36
	50	188.80	5.41	229.50	6.80	270.20	8.19	290.40	8.88	331.10	9.93	351.30	10.47	392.00	11.54
	54	188.80	5.53	229.50	6.92	270.20	8.34	290.40	9.04	331.10	10.12	351.30	10.66	392.00	11.78
	57	188.80	5.67	229.50	7.07	270.20	8.50	290.40	9.23	331.10	10.35	351.30	10.93	392.00	12.09
	61	188.80	5.80	229.50	7.26	270.20	8.73	290.40	9.49	331.10	10.66	351.30	11.24	392.00	12.47
	64	188.80	5.99	229.50	7.46	270.20	8.99	290.40	9.77	331.10	11.00	351.30	11.62	392.00	12.93
	68	188.80	6.15	229.50	7.68	270.20	9.28	290.40	10.11	331.10	11.42	351.30	12.09	392.00	13.52
	72	188.80	6.34	229.50	7.99	270.20	9.66	290.40	10.54	331.10	11.94	351.30	12.68	392.00	14.25
	75	188.80	6.65	229.50	8.34	270.20	10.15	290.40	11.08	331.10	12.62	351.30	13.44	392.00	15.22
	79	188.80	6.99	229.50	8.81	270.20	10.73	290.40	11.77	331.10	13.48	351.30	14.40	391.70	16.39
	82	188.80	7.45	229.50	9.34	270.20	11.44	290.40	12.62	331.10	14.52	351.30	15.55	390.50	17.64
	86	188.80	7.88	229.50	9.96	270.20	12.31	290.40	13.63	331.10	15.72	351.30	16.83	389.30	19.01
	90	188.80	8.39	229.50	10.63	270.20	13.29	290.40	14.79	331.10	17.02	351.30	18.20	388.10	20.37
	93	188.80	8.89	229.50	11.48	270.20	14.44	290.40	16.02	331.10	18.42	351.30	19.62	386.90	21.77
	95	188.80	9.22	229.50	11.97	270.20	15.03	290.40	16.72	331.10	19.11	351.30	20.35	386.30	22.52
	99	188.80	10.04	229.50	13.02	270.20	16.34	290.40	18.07	331.10	20.59	350.40	21.82	385.10	24.09
	102	188.80	11.01	229.50	14.22	270.20	17.73	290.40	19.54	331.10	22.17	349.20	23.36	379.90	25.21
	106	188.80	12.10	229.50	15.57	270.20	19.20	290.40	21.05	330.60	23.78	345.20	24.56	354.90	23.91
	111	188.80	14.14	229.50	17.77	270.20	21.56	289.00	23.22	300.40	22.82	303.20	22.31	309.20	21.32
	115	188.80	15.60	229.50	19.35	261.10	22.05	264.00	22.10	269.20	21.00	272.10	20.50	278.70	19.58
	118	188.80	17.14	223.30	20.24	229.90	20.28	231.80	20.13	237.90	19.15	241.30	18.69	248.30	17.85
	120	188.80	18.00	209.00	19.57	213.50	19.28	215.90	19.15	222.20	18.22	225.80	17.80	233.20	16.99
	122	177.50	17.27	196.50	18.79	200.70	18.51	203.00	18.38	208.90	17.49	212.20	17.10	219.20	16.30
100	5	171.60	3.34	208.60	4.50	245.60	5.59	264.00	6.27	301.00	7.26	319.40	7.91	356.40	8.98
	10	171.60	3.52	208.60	4.69	245.60	5.79	264.00	6.46	301.00	7.45	319.40	8.07	356.40	9.13
	14	171.60	3.71	208.60	4.88	245.60	5.99	264.00	6.66	301.00	7.64	319.40	8.23	356.40	9.28
	23	171.60	3.90	208.60	5.08	245.60	6.21	264.00	6.86	301.00	7.83	319.40	8.39	356.40	9.43
	27	171.60	4.10	208.60	5.28	245.60	6.44	264.00	7.06	301.00	8.03	319.40	8.55	356.40	9.58
	32	171.60	4.32	208.60	5.51	245.60	6.67	264.00	7.29	301.00	8.23	319.40	8.73	356.40	9.73
	37	171.60	4.55	208.60	5.74	245.60	6.91	264.00	7.52	301.00	8.43	319.40	8.92	356.40	9.88
	41	171.60	4.78	208.60	5.98	245.60	7.15	264.00	7.75	301.00	8.65	319.40	9.11	356.40	10.03
	46	171.60	4.91	208.60	6.10	245.60	7.27	264.00	7.87	301.00	8.77	319.40	9.24	356.40	10.16
	50	171.60	4.99	208.60	6.18	245.60	7.37	264.00	7.96	301.00	8.89	319.40	9.35	356.40	10.31
	54	171.60	5.06	208.60	6.26	245.60	7.48	264.00	8.10	301.00	9.04	319.40	9.53	356.40	10.50
	57	171.60	5.14	208.60	6.37	245.60	7.61	264.00	8.26	301.00	9.23	319.40	9.73	356.40	10.74
	61	171.60	5.22	208.60	6.50	245.60	7.80	264.00	8.45	301.00	9.47	319.40	10.00	356.40	11.04
	64	171.60	5.36	208.60	6.65	245.60	7.99	264.00	8.69	301.00	9.74	319.40	10.31	356.40	11.43
	68	171.60	5.45	208.60	6.80	245.60	8.23	264.00	8.97	301.00	10.11	319.40	10.70	356.40	11.90
	72	171.60	5.59	208.60	7.04	245.60	8.57	264.00	9.34	301.00	10.55	319.40	11.20	356.40	12.52
	75	171.60	5.84	208.60	7.38	245.60	8.96	264.00	9.78	301.00	11.12	319.40	11.82	356.40	13.29
	79	171.60	6.18	208.60	7.80	245.60	9.49	264.00	10.36	301.00	11.83	319.40	12.62	356.40	14.29
	82	171.60	6.60	208.60	8.27	245.60	10.12	264.00	11.12	301.00	12.78	319.40	13.67	356.40	15.52
	86	171.60	7.03	208.60	8.84	245.60	10.89	264.00	12.06	301.00	13.87	319.40	14.82	356.40	16.80
	90	171.60	7.42	208.60	9.42	245.60	11.79	264.00	13.12	301.00	15.05	319.40	16.06	356.40	18.23
	93	171.60	7.83	208.60	10.15	245.60	12.79	264.00	14.24	301.00	16.34	319.40	17.42	356.40	19.53
	95	171.60	8.10	208.60	10.54	245.60	13.32	264.00	14.83	301.00	17.03	319.40	18.08	356.40	20.16
	99	171.60	8.72	208.60	11.47	245.60	14.60	264.00	16.26	301.00	18.34	319.40	19.39	356.40	21.55
	102	171.60	9.54	208.60	12.62	245.60	15.91	264.00	17.54	301.00	19.66	319.40	20.77	356.40	23.06
	106	171.60	10.62	208.60	13.91	245.60	17.19	264.00	18.85	301.00	21.08	319.40	22.24	349.50	23.87
	111	171.60	12.56	208.60	15.87	245.60	19.20	264.00	20.93	293.00	22.25	297.00	22.08	303.90	21.28
	115	171.60	13.86	208.60	17.14	245.60	20.55	256.70	21.55	262.60	20.66	266.20	20.27	273.50	19.55
	118	171.60	15.07	208.60	18.42	222.10	19.47	224.70	19.58	231.40	18.81	235.10	18.46	243.10	17.83
	120	171.60	15.68	199.10	18.12	205.70	18.47	208.60	18.58	215.90	17.88	219.70	17.57	227.80	16.96
	122	161.30	15.06	187.10	17.39	193.30	17.73	196.10	17.84	203.00	17.16	206.50	16.87	214.20	16.27

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/VRC264L4M

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	154.40	3.02	187.70	4.03	221.00	4.99	237.60	5.60	270.90	6.48	287.50	7.04	320.80	8.08
	10	154.40	3.18	187.70	4.19	221.00	5.18	237.60	5.76	270.90	6.64	287.50	7.19	320.80	8.20
	14	154.40	3.34	187.70	4.37	221.00	5.37	237.60	5.95	270.90	6.80	287.50	7.34	320.80	8.32
	23	154.40	3.53	187.70	4.56	221.00	5.56	237.60	6.14	270.90	6.96	287.50	7.49	320.80	8.44
	27	154.40	3.72	187.70	4.75	221.00	5.76	237.60	6.33	270.90	7.15	287.50	7.64	320.80	8.56
	32	154.40	3.91	187.70	4.95	221.00	5.96	237.60	6.52	270.90	7.34	287.50	7.80	320.80	8.68
	37	154.40	4.11	187.70	5.15	221.00	6.18	237.60	6.72	270.90	7.53	287.50	7.96	320.80	8.80
	41	154.40	4.33	187.70	5.37	221.00	6.41	237.60	6.92	270.90	7.72	287.50	8.12	320.80	8.92
	46	154.40	4.45	187.70	5.49	221.00	6.53	237.60	7.04	270.90	7.84	287.50	8.23	320.80	9.04
	50	154.40	4.55	187.70	5.57	221.00	6.61	237.60	7.14	270.90	7.92	287.50	8.34	320.80	9.15
	54	154.40	4.63	187.70	5.67	221.00	6.71	237.60	7.23	270.90	8.06	287.50	8.46	320.80	9.28
	57	154.40	4.70	187.70	5.76	221.00	6.83	237.60	7.37	270.90	8.22	287.50	8.62	320.80	9.49
	61	154.40	4.79	187.70	5.87	221.00	6.99	237.60	7.53	270.90	8.41	287.50	8.85	320.80	9.74
	64	154.40	4.90	187.70	6.02	221.00	7.15	237.60	7.73	270.90	8.65	287.50	9.11	320.80	10.05
	68	154.40	4.98	187.70	6.15	221.00	7.37	237.60	7.99	270.90	8.96	287.50	9.45	320.80	10.46
	72	154.40	5.10	187.70	6.36	221.00	7.65	237.60	8.30	270.90	9.34	287.50	9.86	320.80	10.96
	75	154.40	5.32	187.70	6.64	221.00	7.99	237.60	8.68	270.90	9.81	287.50	10.39	320.80	11.59
	79	154.40	5.59	187.70	6.98	221.00	8.42	237.60	9.16	270.90	10.39	287.50	11.02	320.80	12.33
	82	154.40	5.91	187.70	7.38	221.00	8.95	237.60	9.77	270.90	11.09	287.50	11.79	320.80	13.25
	86	154.40	6.25	187.70	7.84	221.00	9.58	237.60	10.50	270.90	11.97	287.50	12.74	320.80	14.32
	90	154.40	6.60	187.70	8.35	221.00	10.31	237.60	11.36	270.90	12.94	287.50	13.75	320.80	15.45
	93	154.40	6.96	187.70	8.97	221.00	11.16	237.60	12.29	270.90	13.99	287.50	14.87	320.80	16.69
	95	154.40	7.23	187.70	9.34	221.00	11.62	237.60	12.82	270.90	14.59	287.50	15.49	320.80	17.29
	99	154.40	7.84	187.70	10.16	221.00	12.67	237.60	13.99	270.90	15.79	287.50	16.69	320.80	18.50
	102	154.40	8.65	187.70	11.19	221.00	13.83	237.60	15.18	270.90	17.00	287.50	17.93	320.80	19.81
	106	154.40	9.65	187.70	12.28	221.00	15.02	237.60	16.42	270.90	18.34	287.50	19.30	320.80	21.31
	111	154.40	11.23	187.70	14.06	221.00	16.99	237.60	18.50	270.90	20.43	287.50	21.13	298.50	21.24
	115	154.40	12.43	187.70	15.32	220.70	18.38	236.10	19.86	252.30	20.09	257.40	19.89	268.10	19.51
	118	154.40	13.59	185.80	16.49	204.60	18.16	210.80	18.65	221.10	18.24	226.60	18.08	237.70	17.80
	120	154.40	14.25	176.00	16.22	188.50	17.18	194.70	17.65	205.40	17.31	211.10	17.18	222.50	16.92
	122	145.20	13.68	165.40	15.57	177.20	16.49	183.00	16.95	193.00	16.62	198.30	16.49	209.20	16.23
80	5	137.20	2.63	166.80	3.48	196.50	4.25	211.20	4.75	240.80	5.48	255.60	6.00	285.20	6.74
	10	137.20	2.78	166.80	3.64	196.50	4.44	211.20	4.91	240.80	5.64	255.60	6.15	285.20	6.89
	14	137.20	2.94	166.80	3.80	196.50	4.63	211.20	5.10	240.80	5.82	255.60	6.31	285.20	7.04
	23	137.20	3.10	166.80	3.99	196.50	4.82	211.20	5.29	240.80	6.01	255.60	6.47	285.20	7.19
	27	137.20	3.29	166.80	4.18	196.50	5.02	211.20	5.48	240.80	6.20	255.60	6.63	285.20	7.34
	32	137.20	3.48	166.80	4.37	196.50	5.22	211.20	5.68	240.80	6.39	255.60	6.79	285.20	7.49
	37	137.20	3.68	166.80	4.57	196.50	5.44	211.20	5.88	240.80	6.59	255.60	6.95	285.20	7.64
	41	137.20	3.90	166.80	4.79	196.50	5.67	211.20	6.10	240.80	6.79	255.60	7.14	285.20	7.80
	46	137.20	4.01	166.80	4.90	196.50	5.78	211.20	6.22	240.80	6.91	255.60	7.23	285.20	7.92
	50	137.20	4.09	166.80	4.98	196.50	5.86	211.20	6.30	240.80	6.98	255.60	7.31	285.20	8.00
	54	137.20	4.17	166.80	5.06	196.50	5.95	211.20	6.38	240.80	7.07	255.60	7.42	285.20	8.11
	57	137.20	4.25	166.80	5.14	196.50	6.05	211.20	6.49	240.80	7.19	255.60	7.54	285.20	8.26
	61	137.20	4.33	166.80	5.25	196.50	6.18	211.20	6.64	240.80	7.37	255.60	7.73	285.20	8.46
	64	137.20	4.44	166.80	5.37	196.50	6.33	211.20	6.80	240.80	7.57	255.60	7.95	285.20	8.73
	68	137.20	4.51	166.80	5.49	196.50	6.50	211.20	7.02	240.80	7.81	255.60	8.23	285.20	9.04
	72	137.20	4.60	166.80	5.67	196.50	6.73	211.20	7.29	240.80	8.15	255.60	8.58	285.20	9.47
	75	137.20	4.75	166.80	5.87	196.50	7.02	211.20	7.60	240.80	8.54	255.60	9.03	285.20	10.00
	79	137.20	4.95	166.80	6.14	196.50	7.38	211.20	8.00	240.80	9.04	255.60	9.57	285.20	10.62
	82	137.20	5.18	166.80	6.46	196.50	7.80	211.20	8.49	240.80	9.58	255.60	10.15	285.20	11.28
	86	137.20	5.44	166.80	6.84	196.50	8.30	211.20	9.04	240.80	10.23	255.60	10.85	285.20	12.09
	90	137.20	5.75	166.80	7.26	196.50	8.88	211.20	9.70	240.80	11.01	255.60	11.67	285.20	13.02
	93	137.20	6.09	166.80	7.80	196.50	9.55	211.20	10.46	240.80	11.86	255.60	12.59	285.20	14.05
	95	137.20	6.36	166.80	8.11	196.50	9.93	211.20	10.89	240.80	12.33	255.60	13.06	285.20	14.56
	99	137.20	6.94	166.80	8.85	196.50	10.82	211.20	11.83	240.80	13.36	255.60	14.13	285.20	15.65
	102	137.20	7.72	166.80	9.73	196.50	11.82	211.20	12.89	240.80	14.45	255.60	15.23	285.20	16.83
	106	137.20	8.49	166.80	10.62	196.50	12.86	211.20	14.02	240.80	15.64	255.60	16.45	285.20	18.07
	111	137.20	9.81	166.80	12.25	196.50	14.76	211.20	16.04	240.80	17.76	255.60	18.61	285.20	20.32
	115	137.20	10.93	166.80	13.51	196.50	16.22	211.20	17.62	237.30	18.89	247.20	19.24	262.90	19.47
	118	137.20	12.20	163.50	14.64	186.20	16.72	197.00	17.70	210.80	17.69	217.80	17.69	232.40	17.76
	120	132.00	12.40	152.20	14.21	171.50	15.91	181.10	16.72	195.10	16.76	202.40	16.79	217.10	16.88
	122	124.00	11.90	143.00	13.64	161.20	15.28	170.20	16.06	183.40	16.10	190.30	16.13	204.00	16.21

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/VRC264L4M

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	120.20	2.32	146.00	3.05	171.90	3.72	184.80	4.16	210.80	4.77	223.60	5.18	249.40	5.89
	10	120.20	2.47	146.00	3.20	171.90	3.87	184.80	4.31	210.80	4.92	223.60	5.30	249.40	6.01
	14	120.20	2.62	146.00	3.35	171.90	4.03	184.80	4.47	210.80	5.07	223.60	5.43	249.40	6.13
	23	120.20	2.77	146.00	3.51	171.90	4.19	184.80	4.63	210.80	5.23	223.60	5.58	249.40	6.25
	27	120.20	2.93	146.00	3.67	171.90	4.37	184.80	4.79	210.80	5.39	223.60	5.73	249.40	6.37
	32	120.20	3.09	146.00	3.83	171.90	4.56	184.80	4.95	210.80	5.55	223.60	5.88	249.40	6.49
	37	120.20	3.28	146.00	4.02	171.90	4.75	184.80	5.14	210.80	5.71	223.60	6.03	249.40	6.61
	41	120.20	3.47	146.00	4.21	171.90	4.95	184.80	5.33	210.80	5.90	223.60	6.18	249.40	6.73
	46	120.20	3.55	146.00	4.29	171.90	5.06	184.80	5.44	210.80	5.99	223.60	6.26	249.40	6.83
	50	120.20	3.63	146.00	4.37	171.90	5.13	184.80	5.49	210.80	6.06	223.60	6.34	249.40	6.91
	54	120.20	3.70	146.00	4.45	171.90	5.21	184.80	5.57	210.80	6.14	223.60	6.42	249.40	6.99
	57	120.20	3.75	146.00	4.52	171.90	5.29	184.80	5.67	210.80	6.25	223.60	6.53	249.40	7.10
	61	120.20	3.83	146.00	4.60	171.90	5.38	184.80	5.76	210.80	6.37	223.60	6.67	249.40	7.26
	64	120.20	3.93	146.00	4.71	171.90	5.52	184.80	5.91	210.80	6.53	223.60	6.84	249.40	7.49
	68	120.20	3.98	146.00	4.82	171.90	5.67	184.80	6.09	210.80	6.75	223.60	7.07	249.40	7.75
	72	120.20	4.06	146.00	4.94	171.90	5.84	184.80	6.29	210.80	7.00	223.60	7.37	249.40	8.08
	75	120.20	4.16	146.00	5.10	171.90	6.07	184.80	6.56	210.80	7.33	223.60	7.72	249.40	8.50
	79	120.20	4.28	146.00	5.30	171.90	6.34	184.80	6.87	210.80	7.73	223.60	8.15	249.40	9.04
	82	120.20	4.44	146.00	5.55	171.90	6.68	184.80	7.26	210.80	8.19	223.60	8.65	249.40	9.59
	86	120.20	4.63	146.00	5.83	171.90	7.06	184.80	7.68	210.80	8.66	223.60	9.16	249.40	10.17
	90	120.20	4.90	146.00	6.18	171.90	7.50	184.80	8.18	210.80	9.26	223.60	9.81	249.40	10.93
60	93	120.20	5.17	146.00	6.60	171.90	8.03	184.80	8.76	210.80	9.93	223.60	10.54	249.40	11.75
	95	120.20	5.40	146.00	6.87	171.90	8.35	184.80	9.11	210.80	10.34	223.60	10.96	249.40	12.21
	99	120.20	5.87	146.00	7.46	171.90	9.08	184.80	9.89	210.80	11.19	223.60	11.83	249.40	13.14
	102	120.20	6.57	146.00	8.23	171.90	9.93	184.80	10.78	210.80	12.13	223.60	12.82	249.40	14.18
	106	120.20	7.18	146.00	8.99	171.90	10.85	184.80	11.81	210.80	13.21	223.60	13.90	249.40	15.30
	111	120.20	8.27	146.00	10.39	171.90	12.55	184.80	13.63	210.80	15.05	223.60	15.76	249.40	17.18
	115	120.20	9.35	146.00	11.59	171.90	13.90	184.80	15.06	210.80	16.46	222.90	17.14	246.70	18.38
	118	120.20	10.70	143.30	12.97	167.20	15.25	179.30	16.41	196.50	16.87	204.90	17.06	221.00	17.38
	120	111.80	11.12	132.80	13.02	154.40	14.98	165.70	15.95	181.50	16.15	189.50	16.27	205.70	16.52
	122	105.20	10.67	124.80	12.51	145.20	14.37	155.80	15.30	170.60	15.50	178.10	15.62	193.30	15.86
	5	103.00	1.96	125.10	2.55	147.40	3.10	158.40	3.44	180.50	3.78	191.70	3.96	213.80	4.28
	10	103.00	2.08	125.10	2.67	147.40	3.25	158.40	3.59	180.50	3.94	191.70	4.12	213.80	4.47
	14	103.00	2.20	125.10	2.82	147.40	3.40	158.40	3.74	180.50	4.10	191.70	4.28	213.80	4.66
	23	103.00	2.35	125.10	2.97	147.40	3.56	158.40	3.90	180.50	4.26	191.70	4.47	213.80	4.85
	27	103.00	2.50	125.10	3.13	147.40	3.72	158.40	4.06	180.50	4.45	191.70	4.66	213.80	5.05
	32	103.00	2.66	125.10	3.29	147.40	3.90	158.40	4.22	180.50	4.64	191.70	4.85	213.80	5.25
	37	103.00	2.82	125.10	3.45	147.40	4.09	158.40	4.40	180.50	4.83	191.70	5.05	213.80	5.48
	41	103.00	3.01	125.10	3.64	147.40	4.28	158.40	4.59	180.50	5.03	191.70	5.25	213.80	5.71
	46	103.00	3.09	125.10	3.71	147.40	4.36	158.40	4.67	180.50	5.11	191.70	5.33	213.80	5.79
	50	103.00	3.14	125.10	3.78	147.40	4.41	158.40	4.72	180.50	5.18	191.70	5.40	213.80	5.84
	54	103.00	3.20	125.10	3.83	147.40	4.48	158.40	4.79	180.50	5.25	191.70	5.48	213.80	5.92
	57	103.00	3.24	125.10	3.89	147.40	4.55	158.40	4.87	180.50	5.33	191.70	5.56	213.80	6.02
	61	103.00	3.29	125.10	3.95	147.40	4.63	158.40	4.95	180.50	5.42	191.70	5.67	213.80	6.14
	64	103.00	3.36	125.10	4.05	147.40	4.72	158.40	5.06	180.50	5.56	191.70	5.80	213.80	6.30
	68	103.00	3.44	125.10	4.13	147.40	4.83	158.40	5.18	180.50	5.72	191.70	5.98	213.80	6.52
	72	103.00	3.48	125.10	4.22	147.40	4.98	158.40	5.34	180.50	5.91	191.70	6.19	213.80	6.77
	75	103.00	3.55	125.10	4.36	147.40	5.14	158.40	5.56	180.50	6.17	191.70	6.48	213.80	7.10
	79	103.00	3.63	125.10	4.48	147.40	5.36	158.40	5.79	180.50	6.48	191.70	6.83	213.80	7.52
	82	103.00	3.74	125.10	4.67	147.40	5.61	158.40	6.10	180.50	6.84	191.70	7.22	213.80	7.99
	86	103.00	3.86	125.10	4.87	147.40	5.90	158.40	6.41	180.50	7.22	191.70	7.61	213.80	8.45
	90	103.00	4.09	125.10	5.14	147.40	6.22	158.40	6.76	180.50	7.65	191.70	8.11	213.80	9.03
	93	103.00	4.26	125.10	5.44	147.40	6.61	158.40	7.19	180.50	8.19	191.70	8.69	213.80	9.69
	95	103.00	4.44	125.10	5.64	147.40	6.87	158.40	7.49	180.50	8.50	191.70	9.03	213.80	10.08
	99	103.00	4.79	125.10	6.11	147.40	7.46	158.40	8.15	180.50	9.23	191.70	9.80	213.80	10.90
	102	103.00	5.33	125.10	6.75	147.40	8.19	158.40	8.91	180.50	10.05	191.70	10.63	213.80	11.81
	106	103.00	5.90	125.10	7.42	147.40	9.00	158.40	9.81	180.50	11.01	191.70	11.62	213.80	12.82
	111	103.00	6.84	125.10	8.62	147.40	10.46	158.40	11.39	180.50	12.60	191.70	13.21	213.80	14.41
	115	103.00	7.65	125.10	9.61	147.40	11.58	158.40	12.58	180.50	13.79	191.70	14.40	213.80	15.57
	118	103.00	8.93	124.60	11.00	147.00	13.05	158.40	14.06	176.10	15.07	185.20	15.52	203.50	16.30
	120	97.20	9.77	117.30	11.74	138.20	13.72	148.80	14.71	164.30	15.18	172.30	15.41	188.20	15.80
	122	91.30	9.38	110.30	11.27	129.80	13.18	139.90	14.13	154.40	14.57	162.00	14.79	176.90	15.18

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/VRC264L4M

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)	
	DB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	85.80	1.67	104.20	2.17	122.80	2.62	132.00	2.90	150.40	3.13	159.80	3.25	178.20	3.51
	10	85.80	1.78	104.20	2.28	122.80	2.74	132.00	3.02	150.40	3.25	159.80	3.40	178.20	3.66
	14	85.80	1.89	104.20	2.40	122.80	2.86	132.00	3.14	150.40	3.40	159.80	3.55	178.20	3.81
	23	85.80	2.01	104.20	2.52	122.80	2.98	132.00	3.26	150.40	3.55	159.80	3.70	178.20	3.97
	27	85.80	2.13	104.20	2.64	122.80	3.13	132.00	3.41	150.40	3.70	159.80	3.85	178.20	4.13
	32	85.80	2.26	104.20	2.79	122.80	3.28	132.00	3.56	150.40	3.85	159.80	4.01	178.20	4.29
	37	85.80	2.41	104.20	2.94	122.80	3.43	132.00	3.71	150.40	4.01	159.80	4.17	178.20	4.48
	41	85.80	2.56	104.20	3.09	122.80	3.59	132.00	3.86	150.40	4.17	159.80	4.33	178.20	4.67
	46	85.80	2.63	104.20	3.14	122.80	3.66	132.00	3.91	150.40	4.25	159.80	4.41	178.20	4.74
	50	85.80	2.67	104.20	3.20	122.80	3.71	132.00	3.97	150.40	4.29	159.80	4.47	178.20	4.79
	54	85.80	2.70	104.20	3.21	122.80	3.75	132.00	4.02	150.40	4.36	159.80	4.52	178.20	4.87
	57	85.80	2.71	104.20	3.25	122.80	3.82	132.00	4.09	150.40	4.43	159.80	4.60	178.20	4.94
	61	85.80	2.75	104.20	3.32	122.80	3.86	132.00	4.14	150.40	4.49	159.80	4.67	178.20	5.02
	64	85.80	2.82	104.20	3.39	122.80	3.94	132.00	4.22	150.40	4.59	159.80	4.78	178.20	5.14
	68	85.80	2.89	104.20	3.47	122.80	4.05	132.00	4.33	150.40	4.71	159.80	4.91	178.20	5.32
	72	85.80	2.94	104.20	3.55	122.80	4.13	132.00	4.44	150.40	4.87	159.80	5.09	178.20	5.52
	75	85.80	2.97	104.20	3.60	122.80	4.25	132.00	4.59	150.40	5.05	159.80	5.28	178.20	5.75
	79	85.80	3.01	104.20	3.71	122.80	4.41	132.00	4.78	150.40	5.29	159.80	5.55	178.20	6.07
	82	85.80	3.05	104.20	3.82	122.80	4.59	132.00	4.98	150.40	5.56	159.80	5.83	178.20	6.42
	86	85.80	3.13	104.20	3.97	122.80	4.79	132.00	5.21	150.40	5.84	159.80	6.17	178.20	6.80
	90	85.80	3.29	104.20	4.16	122.80	5.02	132.00	5.45	150.40	6.15	159.80	6.52	178.20	7.23
	93	85.80	3.44	104.20	4.36	122.80	5.29	132.00	5.75	150.40	6.53	159.80	6.94	178.20	7.76
	95	85.80	3.52	104.20	4.49	122.80	5.45	132.00	5.94	150.40	6.76	159.80	7.19	178.20	8.03
	99	85.80	3.83	104.20	4.87	122.80	5.94	132.00	6.49	150.40	7.38	159.80	7.84	178.20	8.76
	102	85.80	4.17	104.20	5.34	122.80	6.53	132.00	7.14	150.40	8.08	159.80	8.57	178.20	9.53
	106	85.80	4.72	104.20	5.95	122.80	7.22	132.00	7.88	150.40	8.89	159.80	9.42	178.20	10.43
	111	85.80	5.52	104.20	7.00	122.80	8.54	132.00	9.34	150.40	10.35	159.80	10.85	178.20	11.86
	115	85.80	6.18	104.20	7.80	122.80	9.46	132.00	10.31	150.40	11.32	159.80	11.82	178.20	12.82
	118	85.80	7.03	104.20	8.85	122.80	10.62	132.00	11.50	150.40	12.47	159.80	12.94	178.20	13.82
	120	85.80	7.88	104.20	9.66	122.80	11.39	132.00	12.24	145.60	13.14	153.30	13.56	170.80	14.37
	122	85.80	8.43	104.20	10.35	122.80	12.19	132.00	13.09	145.60	14.06	145.60	13.29	162.30	14.09

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/VRC264L4M

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	328.60	56.28	316.90	59.53	311.00	60.77	305.10	62.22	302.50	62.71	299.60	62.84
	-17.8	-18.0	346.50	57.25	334.80	60.51	328.90	61.74	323.00	63.20	320.20	63.68	317.50	63.81
	-12.6	-13.0	373.20	58.71	361.50	61.96	355.60	63.20	349.80	64.66	346.90	65.14	344.20	65.25
	-7.1	-7.6	400.00	60.17	388.30	63.42	382.40	64.66	376.50	66.11	369.80	66.60	357.00	64.78
	-3.6	-4.0	417.70	61.14	406.00	64.40	400.10	65.63	384.10	66.60	371.00	64.54	357.90	62.02
	-1.8	-2.2	426.70	61.62	415.00	64.88	409.10	66.11	384.90	65.76	371.40	63.16	358.30	59.83
	2.0	1.0	444.40	62.60	432.70	65.85	413.80	66.50	385.70	62.94	372.20	59.43	358.30	55.26
	6.0	5.0	471.20	64.06	443.60	65.54	415.00	62.26	386.10	56.74	372.20	52.78	358.30	49.09
	10.0	9.0	489.10	65.03	444.40	62.74	415.40	57.89	386.10	52.44	372.20	48.78	358.30	45.39
	13.0	12.0	497.90	65.51	444.80	61.08	415.40	55.65	386.10	50.42	372.20	46.91	358.30	43.64
	17.0	15.0	502.60	63.18	444.80	54.28	415.40	49.49	386.10	44.88	372.20	41.78	358.30	38.88
	19.0	18.0	503.00	61.84	444.80	52.21	415.40	47.61	386.10	43.19	372.20	40.21	358.30	37.42
	23.0	21.0	503.50	57.22	444.80	48.32	415.40	44.09	386.10	40.02	372.20	37.29	358.30	34.72
	26.0	24.0	503.50	52.94	444.80	44.77	415.40	40.88	386.10	37.14	372.20	34.63	358.30	32.26
	30.0	28.0	503.50	49.02	444.80	41.52	415.40	37.96	386.10	34.53	372.20	32.21	358.30	30.02
	35.0	32.0	503.50	43.77	444.80	37.19	415.40	34.07	386.10	31.05	372.20	28.99	358.30	27.06
	39.0	36.0	503.50	40.64	444.80	34.64	415.40	31.79	386.10	29.02	372.20	27.12	358.30	25.33
	44.0	40.0	503.50	37.83	444.80	32.35	415.40	29.72	386.10	27.18	372.20	25.43	358.30	23.76
	47.0	43.0	503.50	36.52	444.80	31.27	415.40	28.76	386.10	26.33	372.20	24.65	358.30	23.05
	51.0	47.0	503.50	34.13	444.80	29.33	415.40	27.04	386.10	24.80	372.20	23.24	358.30	21.75
	54.0	50.0	503.50	31.96	444.80	27.60	415.40	25.48	386.10	23.44	372.20	21.99	358.30	20.61
	57.0	53.0	503.50	29.15	444.80	25.33	415.40	23.48	386.10	21.65	372.20	20.35	358.30	19.11
	60.0	56.0	503.50	27.50	444.80	24.02	415.40	22.30	386.10	20.64	372.20	19.42	358.30	18.25
120	-21.8	-22.0	320.90	56.12	310.20	59.45	304.70	61.58	299.20	61.78	296.70	61.31	294.10	60.66
	-17.8	-18.0	338.80	57.09	327.90	60.42	322.60	62.56	317.10	62.75	314.60	62.28	312.00	61.63
	-12.6	-13.0	365.50	58.55	354.60	61.88	349.10	64.02	343.90	64.21	341.20	63.74	330.30	62.86
	-7.1	-7.6	392.30	60.01	381.40	63.34	375.90	65.47	355.60	63.78	343.60	60.88	330.70	56.63
	-3.6	-4.0	410.00	60.98	399.30	64.31	382.70	64.52	356.40	60.48	343.60	56.24	330.70	52.30
	-1.8	-2.2	419.00	61.47	407.60	64.80	383.10	63.12	356.40	58.12	343.60	54.06	330.70	50.28
	2.0	1.0	436.70	62.44	409.80	63.66	383.50	59.36	356.40	53.70	343.60	49.95	330.70	46.46
	6.0	5.0	462.80	63.90	410.60	57.96	383.50	52.71	356.40	47.69	343.60	44.37	330.70	41.27
	10.0	9.0	464.40	62.78	410.60	53.55	383.50	48.73	356.40	44.10	343.60	41.04	330.70	38.19
	13.0	12.0	464.90	61.15	410.60	51.48	383.50	46.86	356.40	42.41	343.60	39.47	330.70	36.73
	17.0	15.0	464.90	54.32	410.60	45.79	383.50	41.70	356.40	37.78	343.60	35.18	330.70	32.76
	19.0	18.0	464.90	52.25	410.60	44.04	383.50	40.13	356.40	36.39	343.60	33.87	330.70	31.54
	23.0	21.0	464.90	48.32	410.60	40.79	383.50	37.21	356.40	33.76	343.60	31.44	330.70	29.29
	26.0	24.0	464.90	44.74	410.60	37.83	383.50	34.53	356.40	31.37	343.60	29.23	330.70	27.24
	30.0	28.0	464.90	41.48	410.60	35.13	383.50	32.10	356.40	29.20	343.60	27.24	330.70	25.40
	35.0	32.0	464.90	37.11	410.60	31.54	383.50	28.88	356.40	26.33	343.60	24.58	330.70	22.94
	39.0	36.0	464.90	34.53	410.60	29.44	383.50	27.00	356.40	24.65	343.60	23.02	330.70	21.51
	44.0	40.0	464.90	32.20	410.60	27.53	383.50	25.29	356.40	23.14	343.60	21.63	330.70	20.24
	47.0	43.0	464.90	31.12	410.60	26.64	383.50	24.50	356.40	22.44	343.60	20.99	330.70	19.64
	51.0	47.0	464.90	29.15	410.60	25.04	383.50	23.08	356.40	21.20	343.60	19.83	330.70	18.59
	54.0	50.0	464.90	27.38	410.60	23.61	383.50	21.81	356.40	20.08	343.60	18.82	330.70	17.63
	57.0	53.0	464.90	25.07	410.60	21.77	383.50	20.17	356.40	18.62	343.60	17.48	330.70	16.42
	60.0	56.0	464.90	23.75	410.60	20.69	383.50	19.22	356.40	17.80	343.60	16.72	330.70	15.71
110	-21.8	-22.0	313.20	57.34	303.20	58.68	298.20	60.96	293.30	61.20	291.10	60.62	288.60	59.22
	-17.8	-18.0	331.10	58.31	321.10	59.66	316.10	61.94	311.20	62.17	308.80	61.59	303.20	60.19
	-12.6	-13.0	357.80	59.77	347.90	61.12	342.80	63.39	326.30	61.82	315.00	57.57	303.20	53.48
	-7.1	-7.6	384.60	61.23	374.40	62.57	351.60	60.72	326.70	54.92	315.00	51.13	303.20	47.47
	-3.6	-4.0	402.30	62.20	376.30	61.66	351.60	56.08	326.70	50.73	315.00	47.21	303.20	43.87
	-1.8	-2.2	411.10	62.69	376.30	59.26	351.60	53.90	326.70	48.77	315.00	45.38	303.20	42.16
	2.0	1.0	425.20	63.66	376.30	54.74	351.60	49.79	326.70	45.06	315.00	41.93	303.20	38.95
	6.0	5.0	426.00	57.95	376.30	48.63	351.60	44.24	326.70	40.05	315.00	37.29	303.20	34.64
	10.0	9.0	426.00	53.54	376.30	44.93	351.60	40.91	326.70	37.05	315.00	34.49	303.20	32.06
	13.0	12.0	426.00	51.48	376.30	43.21	351.60	39.34	326.70	35.63	315.00	33.18	303.20	30.85
	17.0	15.0	426.00	45.76	376.30	38.46	351.60	35.07	326.70	31.78	315.00	29.62	303.20	27.54
	19.0	18.0	426.00	44.01	376.30	37.03	351.60	33.76	326.70	30.62	315.00	28.54	303.20	26.55
	23.0	21.0	426.00	40.75	376.30	34.34	351.60	31.33	326.70	28.44	315.00	26.52	303.20	24.68
	26.0	24.0	426.00	37.78	376.30	31.88	351.60	29.12	326.70	26.46	315.00	24.68	303.20	23.00
	30.0	28.0	426.00	35.06	376.30	29.66	351.60	27.10	326.70	24.66	315.00	23.01	303.20	21.46
	35.0	32.0	426.00	31.43	376.30	26.68	351.60	24.45	326.70	22.30	315.00	20.83	303.20	19.44
	39.0	36.0	426.00	29.30	376.30	24.95	351.60	22.90	326.70	20.90	315.00	19.56	303.20	18.26
	44.0	40.0	426.00	27.38	376.30	23.39	351.60	21.49	326.70	19.66	315.00	18.41	303.20	17.21
	47.0	43.0	426.00	26.49	376.30	22.67	351.60	20.85	326.70	19.09	315.00	17.88	303.20	16.72
	51.0	47.0	426.00	24.88	376.30	21.37	351.60	19.69	326.70	18.07	315.00	16.94	303.20	15.86
	54.0	50.0	426.00	23.43	376.30	20.21	351.60	18.67	326.70	17.15	315.00	16.09	303.20	15.08
	57.0	53.0	426.00	21.55	376.30	18.70	351.60	17.33	326.70	15.98	315.00	15.00	303.20	14.09
	60.0	56.0	426.00	20.46	376.30	17.84	351.60	16.55	326.70	15.28	315.00	14.39	303.20	13.51

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/VRC264L4M

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	305.40	56.59	296.30	57.47	291.90	57.48	287.40	57.54	282.00	55.74	275.70	54.29
	-17.8	-18.0	323.30	57.57	314.20	58.44	309.80	58.45	297.00	58.07	286.30	54.09	275.70	50.22
	-12.6	-13.0	349.90	59.02	341.00	59.90	319.70	57.11	297.00	51.56	286.30	48.03	275.70	44.60
	-7.1	-7.6	376.60	60.48	342.10	55.78	319.70	50.71	297.00	45.79	286.30	42.64	275.70	39.59
	-3.6	-4.0	387.20	61.45	342.10	51.52	319.70	46.85	297.00	42.31	286.30	39.39	275.70	36.59
	-1.8	-2.2	387.20	59.06	342.10	49.53	319.70	45.02	297.00	40.66	286.30	37.88	275.70	35.17
	2.0	1.0	387.20	54.57	342.10	45.76	319.70	41.61	297.00	37.57	286.30	35.00	275.70	32.51
	6.0	5.0	387.20	48.44	342.10	40.66	319.70	36.97	297.00	33.41	286.30	31.14	275.70	28.92
	10.0	9.0	387.20	44.77	342.10	37.60	319.70	34.21	297.00	30.94	286.30	28.82	275.70	26.79
	13.0	12.0	387.20	43.05	342.10	36.17	319.70	32.92	297.00	29.78	286.30	27.74	275.70	25.78
	17.0	15.0	387.20	38.31	342.10	32.24	319.70	29.37	297.00	26.60	286.30	24.79	275.70	23.05
	19.0	18.0	387.20	36.88	342.10	31.05	319.70	28.29	297.00	25.63	286.30	23.89	275.70	22.23
	23.0	21.0	387.20	34.18	342.10	28.81	319.70	26.28	297.00	23.83	286.30	22.23	275.70	20.69
	26.0	24.0	387.20	31.72	342.10	26.79	319.70	24.47	297.00	22.22	286.30	20.73	275.70	19.31
	30.0	28.0	387.20	29.48	342.10	24.95	319.70	22.82	297.00	20.73	286.30	19.36	275.70	18.04
	35.0	32.0	387.20	26.52	342.10	22.52	319.70	20.65	297.00	18.81	286.30	17.56	275.70	16.39
	39.0	36.0	387.20	24.77	342.10	21.10	319.70	19.35	297.00	17.67	286.30	16.52	275.70	15.44
	44.0	40.0	387.20	23.20	342.10	19.82	319.70	18.22	297.00	16.66	286.30	15.58	275.70	14.58
	47.0	43.0	387.20	22.48	342.10	19.23	319.70	17.70	297.00	16.20	286.30	15.16	275.70	14.18
	51.0	47.0	387.20	21.17	342.10	18.18	319.70	16.76	297.00	15.37	286.30	14.40	275.70	13.47
	54.0	50.0	387.20	20.01	342.10	17.24	319.70	15.93	297.00	14.63	286.30	13.71	275.70	12.86
	57.0	53.0	387.20	18.48	342.10	16.01	319.70	14.85	297.00	13.69	286.30	12.84	275.70	12.05
	60.0	56.0	387.20	17.62	342.10	15.31	319.70	14.22	297.00	13.13	286.30	12.32	275.70	11.59
90	-21.8	-22.0	297.70	58.28	289.60	56.31	282.70	56.30	267.30	53.47	257.70	49.82	248.20	46.19
	-17.8	-18.0	315.40	59.25	307.30	57.28	287.50	54.62	267.30	49.45	257.70	46.04	248.20	42.68
	-12.6	-13.0	342.20	60.71	308.00	53.36	287.50	48.51	267.30	43.89	257.70	40.88	248.20	37.89
	-7.1	-7.6	348.60	56.52	308.00	47.40	287.50	43.06	267.30	38.98	257.70	36.29	248.20	33.63
	-3.6	-4.0	348.60	52.22	308.00	43.78	287.50	39.79	267.30	36.02	257.70	33.52	248.20	31.08
	-1.8	-2.2	348.60	50.19	308.00	42.08	287.50	38.25	267.30	34.61	257.70	32.24	248.20	29.89
	2.0	1.0	348.60	46.37	308.00	38.88	287.50	35.34	267.30	31.99	257.70	29.81	248.20	27.64
	6.0	5.0	348.60	41.19	308.00	34.57	287.50	31.44	267.30	28.48	257.70	26.53	248.20	24.61
	10.0	9.0	348.60	38.08	308.00	31.99	287.50	29.11	267.30	26.38	257.70	24.58	248.20	22.81
	13.0	12.0	348.60	36.65	308.00	30.79	287.50	28.01	267.30	25.40	257.70	23.67	248.20	21.96
	17.0	15.0	348.60	32.65	308.00	27.47	287.50	25.04	267.30	22.72	257.70	21.18	248.20	19.68
	19.0	18.0	348.60	31.45	308.00	26.48	287.50	24.14	267.30	21.92	257.70	20.43	248.20	18.97
	23.0	21.0	348.60	29.18	308.00	24.62	287.50	22.46	267.30	20.40	257.70	19.04	248.20	17.70
	26.0	24.0	348.60	27.12	308.00	22.93	287.50	20.93	267.30	19.04	257.70	17.77	248.20	16.53
	30.0	28.0	348.60	25.25	308.00	21.40	287.50	19.55	267.30	17.81	257.70	16.64	248.20	15.49
	35.0	32.0	348.60	22.78	308.00	19.38	287.50	17.74	267.30	16.20	257.70	15.14	248.20	14.11
	39.0	36.0	348.60	21.35	308.00	18.19	287.50	16.69	267.30	15.26	257.70	14.26	248.20	13.31
	44.0	40.0	348.60	20.05	308.00	17.14	287.50	15.75	267.30	14.41	257.70	13.50	248.20	12.60
	47.0	43.0	348.60	19.45	308.00	16.65	287.50	15.31	267.30	14.03	257.70	13.13	248.20	12.27
	51.0	47.0	348.60	18.37	308.00	15.79	287.50	14.53	267.30	13.35	257.70	12.49	248.20	11.68
	54.0	50.0	348.60	17.43	308.00	15.01	287.50	13.85	267.30	12.73	257.70	11.93	248.20	11.18
	57.0	53.0	348.60	16.19	308.00	14.00	287.50	12.95	267.30	11.94	257.70	11.21	248.20	10.51
	60.0	56.0	348.60	15.45	308.00	13.43	287.50	12.46	267.30	11.49	257.70	10.78	248.20	10.13
80	-21.8	-22.0	290.00	56.43	273.80	54.56	255.60	49.56	237.60	44.97	229.10	41.81	220.40	38.78
	-17.8	-18.0	307.70	57.40	273.80	50.46	255.60	45.81	237.60	41.53	229.10	38.63	220.40	35.83
	-12.6	-13.0	309.80	53.50	273.80	44.81	255.60	40.68	237.60	36.88	229.10	34.29	220.40	31.80
	-7.1	-7.6	309.80	47.49	273.80	39.79	255.60	36.11	237.60	32.74	229.10	30.44	220.40	28.24
	-3.6	-4.0	309.80	43.88	273.80	36.76	255.60	33.36	237.60	30.26	229.10	28.14	220.40	26.11
	-1.8	-2.2	309.80	42.17	273.80	35.34	255.60	32.08	237.60	29.10	229.10	27.06	220.40	25.10
	2.0	1.0	309.80	38.96	273.80	32.66	255.60	29.65	237.60	26.90	229.10	25.03	220.40	23.23
	6.0	5.0	309.80	34.64	273.80	29.06	255.60	26.39	237.60	23.98	229.10	22.31	220.40	20.71
	10.0	9.0	309.80	32.06	273.80	26.92	255.60	24.47	237.60	22.22	229.10	20.67	220.40	19.22
	13.0	12.0	309.80	30.84	273.80	25.92	255.60	23.57	237.60	21.40	229.10	19.92	220.40	18.51
	17.0	15.0	309.80	27.53	273.80	23.18	255.60	21.10	237.60	19.19	229.10	17.86	220.40	16.61
	19.0	18.0	309.80	26.53	273.80	22.33	255.60	20.35	237.60	18.52	229.10	17.25	220.40	16.04
	23.0	21.0	309.80	24.65	273.80	20.80	255.60	18.97	237.60	17.25	229.10	16.09	220.40	14.97
	26.0	24.0	309.80	22.94	273.80	19.41	255.60	17.70	237.60	16.13	229.10	15.05	220.40	14.02
	30.0	28.0	309.80	21.41	273.80	18.14	255.60	16.58	237.60	15.12	229.10	14.11	220.40	13.16
	35.0	32.0	309.80	19.38	273.80	16.49	255.60	15.09	237.60	13.80	229.10	12.88	220.40	12.01
	39.0	36.0	309.80	18.19	273.80	15.52	255.60	14.22	237.60	13.02	229.10	12.16	220.40	11.37
	44.0	40.0	309.80	17.14	273.80	14.65	255.60	13.44	237.60	12.32	229.10	11.53	220.40	10.77
	47.0	43.0	309.80	16.65	273.80	14.25	255.60	13.10	237.60	12.01	229.10	11.23	220.40	10.51
	51.0	47.0	309.80	15.78	273.80	13.54	255.60	12.47	237.60	11.45	229.10	10.71	220.40	10.03
	54.0	50.0	309.80	15.00	273.80	12.91	255.60	11.91	237.60	10.96	229.10	10.26	220.40	9.61
	57.0	53.0	309.80	13.99	273.80	12.11	255.60	11.19	237.60	10.32	229.10	9.66	220.40	9.08
	60.0	56.0	309.80	13.43	273.80	11.64	255.60	10.78	237.60	9.95	229.10	9.32	220.40	8.76

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/VRC264L4M

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	271.00	53.65	239.50	45.00	223.70	40.96	207.90	37.04	200.50	34.41	192.90	32.14
	-17.8	-18.0	271.00	49.61	239.50	41.57	223.70	37.85	207.90	34.21	200.50	31.79	192.90	29.68
	-12.6	-13.0	271.00	44.04	239.50	36.92	223.70	33.59	207.90	30.39	200.50	28.22	192.90	26.35
	-7.1	-7.6	271.00	39.12	239.50	32.77	223.70	29.84	207.90	26.99	200.50	25.08	192.90	23.42
	-3.6	-4.0	271.00	36.13	239.50	30.29	223.70	27.57	207.90	24.94	200.50	23.17	192.90	21.64
	-1.8	-2.2	271.00	34.74	239.50	29.13	223.70	26.52	207.90	23.99	200.50	22.30	192.90	20.81
	2.0	1.0	271.00	32.12	239.50	26.93	223.70	24.53	207.90	22.20	200.50	20.63	192.90	19.27
	6.0	5.0	271.00	28.57	239.50	24.00	223.70	21.87	207.90	19.81	200.50	18.41	192.90	17.19
	10.0	9.0	271.00	26.47	239.50	22.24	223.70	20.28	207.90	18.38	200.50	17.10	192.90	15.97
	13.0	12.0	271.00	25.47	239.50	21.42	223.70	19.55	207.90	17.72	200.50	16.47	192.90	15.39
	17.0	15.0	271.00	22.79	239.50	19.20	223.70	17.54	207.90	15.92	200.50	14.82	192.90	13.84
	19.0	18.0	271.00	21.97	239.50	18.53	223.70	16.93	207.90	15.36	200.50	14.30	192.90	13.36
	23.0	21.0	271.00	20.45	239.50	17.27	223.70	15.79	207.90	14.35	200.50	13.37	192.90	12.50
	26.0	24.0	271.00	19.09	239.50	16.14	223.70	14.78	207.90	13.45	200.50	12.53	192.90	11.72
	30.0	28.0	271.00	17.85	239.50	15.13	223.70	13.87	207.90	12.63	200.50	11.78	192.90	11.01
	35.0	32.0	271.00	16.22	239.50	13.81	223.70	12.67	207.90	11.55	200.50	10.78	192.90	10.10
	39.0	36.0	271.00	15.28	239.50	13.03	223.70	11.97	207.90	10.94	200.50	10.22	192.90	9.55
	44.0	40.0	271.00	14.42	239.50	12.33	223.70	11.36	207.90	10.39	200.50	9.70	192.90	9.09
	47.0	43.0	271.00	14.04	239.50	12.02	223.70	11.07	207.90	10.13	200.50	9.47	192.90	8.87
	51.0	47.0	271.00	13.36	239.50	11.46	223.70	10.58	207.90	9.68	200.50	9.06	192.90	8.49
60	54.0	50.0	271.00	12.73	239.50	10.97	223.70	10.13	207.90	9.28	200.50	8.69	192.90	8.15
	57.0	53.0	271.00	11.94	239.50	10.33	223.70	9.54	207.90	8.78	200.50	8.23	192.90	7.71
	60.0	56.0	271.00	11.49	239.50	9.96	223.70	9.21	207.90	8.48	200.50	7.96	192.90	7.45
	-21.8	-22.0	232.40	43.30	205.30	36.39	191.80	33.08	178.20	29.97	171.90	27.89	165.40	25.95
	-17.8	-18.0	232.40	40.01	205.30	33.62	191.80	30.55	178.20	27.68	171.90	25.76	165.40	23.97
	-12.6	-13.0	232.40	35.52	205.30	29.85	191.80	27.14	178.20	24.58	171.90	22.87	165.40	21.28
	-7.1	-7.6	232.40	31.53	205.30	26.51	191.80	24.11	178.20	21.84	171.90	20.33	165.40	18.92
	-3.6	-4.0	232.40	29.14	205.30	24.50	191.80	22.28	178.20	20.20	171.90	18.80	165.40	17.50
	-1.8	-2.2	232.40	28.01	205.30	23.56	191.80	21.43	178.20	19.42	171.90	18.09	165.40	16.83
	2.0	1.0	232.40	25.92	205.30	21.81	191.80	19.85	178.20	17.99	171.90	16.75	165.40	15.59
	6.0	5.0	232.40	23.10	205.30	19.45	191.80	17.72	178.20	16.06	171.90	14.96	165.40	13.94
	10.0	9.0	232.40	21.42	205.30	18.06	191.80	16.45	178.20	14.93	171.90	13.91	165.40	12.95
	13.0	12.0	232.40	20.64	205.30	17.40	191.80	15.85	178.20	14.40	171.90	13.42	165.40	12.49
	17.0	15.0	232.40	18.50	205.30	15.63	191.80	14.25	178.20	12.95	171.90	12.08	165.40	11.26
	19.0	18.0	232.40	17.85	205.30	15.08	191.80	13.77	178.20	12.53	171.90	11.67	165.40	10.88
	23.0	21.0	232.40	16.65	205.30	14.10	191.80	12.89	178.20	11.71	171.90	10.95	165.40	10.20
	26.0	24.0	232.40	15.59	205.30	13.20	191.80	12.08	178.20	11.00	171.90	10.28	165.40	9.57
	30.0	28.0	232.40	14.62	205.30	12.41	191.80	11.36	178.20	10.36	171.90	9.68	165.40	9.02
	35.0	32.0	232.40	13.34	205.30	11.34	191.80	10.42	178.20	9.50	171.90	8.89	165.40	8.30
50	39.0	36.0	232.40	12.60	205.30	10.74	191.80	9.87	178.20	9.02	171.90	8.44	165.40	7.88
	44.0	40.0	232.40	11.93	205.30	10.21	191.80	9.38	178.20	8.57	171.90	8.04	165.40	7.51
	47.0	43.0	232.40	11.63	205.30	9.95	191.80	9.16	178.20	8.38	171.90	7.85	165.40	7.33
	51.0	47.0	232.40	11.10	205.30	9.51	191.80	8.78	178.20	8.04	171.90	7.52	165.40	7.03
	54.0	50.0	232.40	10.62	205.30	9.12	191.80	8.42	178.20	7.71	171.90	7.25	165.40	6.77
	57.0	53.0	232.40	10.01	205.30	8.61	191.80	7.97	178.20	7.33	171.90	6.87	165.40	6.43
	60.0	56.0	232.40	9.65	205.30	8.34	191.80	7.71	178.20	7.10	171.90	6.66	165.40	6.24
	-21.8	-22.0	193.60	33.91	171.20	28.45	159.80	25.92	148.50	23.44	143.10	21.91	137.80	20.42
	-17.8	-18.0	193.60	31.33	171.20	26.28	159.80	23.94	148.50	21.65	143.10	20.23	137.80	18.85
	-12.6	-13.0	193.60	27.81	171.20	23.35	159.80	21.25	148.50	19.24	143.10	17.98	137.80	16.75
	-7.1	-7.6	193.60	24.71	171.20	20.74	159.80	18.89	148.50	17.11	143.10	15.97	137.80	14.89
	-3.6	-4.0	193.60	22.84	171.20	19.17	159.80	17.47	148.50	15.83	143.10	14.78	137.80	13.77
	-1.8	-2.2	193.60	21.97	171.20	18.45	159.80	16.83	148.50	15.23	143.10	14.24	137.80	13.27
	2.0	1.0	193.60	20.33	171.20	17.10	159.80	15.57	148.50	14.12	143.10	13.20	137.80	12.30
	6.0	5.0	193.60	18.15	171.20	15.27	159.80	13.92	148.50	12.62	143.10	11.81	137.80	11.00
	10.0	9.0	193.60	16.85	171.20	14.19	159.80	12.95	148.50	11.75	143.10	10.99	137.80	10.25
	13.0	12.0	193.60	16.25	171.20	13.70	159.80	12.50	148.50	11.34	143.10	10.61	137.80	9.88
	17.0	15.0	193.60	14.60	171.20	12.32	159.80	11.26	148.50	10.23	143.10	9.57	137.80	8.94
	19.0	18.0	193.60	14.11	171.20	11.91	159.80	10.89	148.50	9.89	143.10	9.27	137.80	8.64
	23.0	21.0	193.60	13.18	171.20	11.16	159.80	10.21	148.50	9.29	143.10	8.68	137.80	8.11
50	26.0	24.0	193.60	12.36	171.20	10.48	159.80	9.59	148.50	8.73	143.10	8.18	137.80	7.63
	30.0	28.0	193.60	11.61	171.20	9.88	159.80	9.05	148.50	8.24	143.10	7.71	137.80	7.21
	35.0	32.0	193.60	10.64	171.20	9.06	159.80	8.31	148.50	7.60	143.10	7.11	137.80	6.65
	39.0	36.0	193.60	10.08	171.20	8.61	159.80	7.90	148.50	7.22	143.10	6.77	137.80	6.32
	44.0	40.0	193.60	9.59	171.20	8.20	159.80	7.55	148.50	6.89	143.10	6.47	137.80	6.03
	47.0	43.0	193.60	9.36	171.20	8.01	159.80	7.37	148.50	6.74	143.10	6.32	137.80	5.91
	51.0	47.0	193.60	8.95	171.20	7.68	159.80	7.07	148.50	6.48	143.10	6.07	137.80	5.68
	54.0	50.0	193.60	8.61	171.20	7.38	159.80	6.81	148.50	6.25	143.10	5.86	137.80	5.47
	57.0	53.0	193.60	8.13	171.20	7.00	159.80	6.47	148.50	5.95	143.10	5.57	137.80	5.23
	60.0	56.0	193.60	7.87	171.20	6.80	159.80	6.28	148.50	5.77	143.10	5.42	137.80	5.08

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/VRC288L4M

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	4.58	295.70	6.37	348.20	8.11	374.40	9.16	426.80	10.63	485.78	11.60	528.99	12.83
	10	243.30	4.83	295.70	6.64	348.20	8.40	374.40	9.45	426.80	10.90	480.98	11.84	523.75	13.02
	14	243.30	5.08	295.70	6.92	348.20	8.70	374.40	9.74	426.80	11.18	476.21	12.09	518.57	13.22
	23	243.30	5.35	295.70	7.21	348.20	9.01	374.40	10.04	426.80	11.47	471.50	12.34	513.43	13.43
	27	243.30	5.63	295.70	7.51	348.20	9.33	374.40	10.35	426.80	11.76	466.83	12.59	508.35	13.64
	32	243.30	5.92	295.70	7.82	348.20	9.67	374.40	10.67	426.80	12.06	462.21	12.84	503.32	13.85
	37	243.30	6.23	295.70	8.14	348.20	10.02	374.40	11.01	426.80	12.37	457.63	13.10	498.33	14.06
	41	243.30	6.56	295.70	8.48	348.20	10.39	374.40	11.35	426.80	12.69	453.10	13.37	493.40	14.27
	46	243.30	6.71	295.70	8.64	348.20	10.58	374.40	11.54	426.80	12.94	453.10	13.65	490.20	14.49
	50	243.30	6.87	295.70	8.79	348.20	10.76	374.40	11.73	426.80	13.18	452.20	13.87	487.60	14.69
	54	243.30	7.08	295.70	9.04	348.20	11.00	374.40	11.98	426.80	13.46	451.00	14.14	484.80	14.99
	57	243.30	7.34	295.70	9.29	348.20	11.26	374.40	12.28	426.80	13.85	449.80	14.53	481.90	15.34
	61	243.30	7.56	295.70	9.58	348.20	11.63	374.40	12.67	426.80	14.30	448.60	14.94	479.10	15.77
	64	243.30	7.93	295.70	9.95	348.20	12.03	374.40	13.09	426.80	14.81	447.40	15.46	476.20	16.33
	68	243.30	8.24	295.70	10.33	348.20	12.49	374.40	13.62	425.70	15.41	445.40	16.08	473.20	17.13
	72	243.30	8.61	295.70	10.78	348.20	13.03	374.40	14.24	424.50	16.16	443.30	16.90	470.40	18.07
	75	243.30	9.04	295.70	11.22	348.20	13.71	374.40	15.04	423.30	17.12	441.10	17.88	467.50	19.23
	79	243.30	9.36	295.70	11.87	348.20	14.52	374.40	16.04	422.10	18.19	438.90	19.05	464.70	20.64
	82	243.30	10.02	295.70	12.53	348.20	15.52	374.40	17.13	420.80	19.55	436.80	20.47	461.80	22.08
	86	243.30	10.50	295.70	13.40	348.20	16.59	374.40	18.47	418.70	20.99	433.90	21.87	458.80	23.72
	90	243.30	11.28	295.70	14.31	348.20	18.03	374.40	20.03	416.50	22.41	431.10	23.37	456.00	25.58
	93	243.30	12.05	295.70	15.61	348.20	19.53	374.40	21.52	414.30	24.04	428.20	25.17	453.10	27.43
	95	243.30	12.50	295.70	16.32	348.20	20.24	374.40	22.27	413.30	24.98	426.70	26.11	451.60	28.05
	99	243.30	13.87	295.70	17.72	348.20	21.73	374.40	24.10	411.10	26.92	423.90	28.00	448.80	28.58
	102	243.30	15.20	295.70	19.06	348.20	23.67	373.30	26.07	407.80	28.81	418.60	28.93	432.00	28.08
	106	243.30	16.49	295.70	20.80	348.20	25.77	372.10	28.15	393.10	28.73	394.60	27.82	398.80	26.19
	111	243.30	18.90	295.70	23.86	336.30	28.16	338.90	27.51	341.90	25.69	344.00	24.87	349.00	23.36
	115	243.30	20.84	293.70	26.31	303.20	26.11	303.90	25.35	307.70	23.66	310.30	22.91	315.90	21.47
	118	243.30	23.20	266.90	25.49	267.60	23.91	268.80	23.20	273.60	21.64	276.50	20.93	282.70	19.58
	120	241.70	24.74	248.40	24.31	249.90	22.82	251.20	22.11	256.60	20.64	259.60	19.96	266.10	18.64
	122	227.30	23.75	233.50	23.34	235.00	21.91	236.10	21.23	241.20	19.81	244.00	19.16	250.10	17.89
120	5	224.70	4.28	273.10	5.88	321.40	7.43	345.60	8.40	394.00	9.73	418.10	10.61	500.15	12.12
	10	224.70	4.50	273.10	6.13	321.40	7.70	345.60	8.65	394.00	9.98	418.10	10.83	495.20	12.30
	14	224.70	4.74	273.10	6.38	321.40	7.98	345.60	8.92	394.00	10.23	418.10	11.05	490.30	12.48
	23	224.70	4.99	273.10	6.65	321.40	8.27	345.60	9.20	394.00	10.49	418.10	11.27	485.43	12.66
	27	224.70	5.25	273.10	6.93	321.40	8.57	345.60	9.49	394.00	10.76	418.10	11.49	480.63	12.86
	32	224.70	5.53	273.10	7.22	321.40	8.88	345.60	9.78	394.00	11.04	418.10	11.73	475.88	13.06
	37	224.70	5.82	273.10	7.52	321.40	9.20	345.60	10.08	394.00	11.32	418.10	11.98	471.16	13.26
	41	224.70	6.12	273.10	7.83	321.40	9.54	345.60	10.39	394.00	11.61	418.10	12.23	466.50	13.46
	46	224.70	6.25	273.10	7.98	321.40	9.70	345.60	10.55	394.00	11.81	418.10	12.44	466.50	13.74
	50	224.70	6.40	273.10	8.11	321.40	9.84	345.60	10.71	394.00	12.01	418.10	12.66	466.30	13.99
	54	224.70	6.57	273.10	8.30	321.40	10.04	345.60	10.92	394.00	12.25	418.10	12.93	465.10	14.26
	57	224.70	6.77	273.10	8.52	321.40	10.27	345.60	11.17	394.00	12.57	418.10	13.28	463.90	14.65
	61	224.70	6.96	273.10	8.74	321.40	10.58	345.60	11.51	394.00	12.96	418.10	13.71	462.70	15.06
	64	224.70	7.24	273.10	9.05	321.40	10.92	345.60	11.87	394.00	13.38	418.10	14.18	461.50	15.62
	68	224.70	7.48	273.10	9.36	321.40	11.31	345.60	12.31	394.00	13.93	418.10	14.80	460.00	16.30
	72	224.70	7.77	273.10	9.74	321.40	11.78	345.60	12.85	394.00	14.63	418.10	15.57	457.90	17.21
	75	224.70	8.15	273.10	10.17	321.40	12.37	345.60	13.55	394.00	15.52	418.10	16.57	455.70	18.28
	79	224.70	8.49	273.10	10.74	321.40	13.12	345.60	14.42	394.00	16.58	417.00	17.69	453.60	19.61
	82	224.70	9.08	273.10	11.37	321.40	14.00	345.60	15.45	394.00	17.83	415.80	19.01	451.40	21.04
	86	224.70	9.56	273.10	12.12	321.40	14.99	345.60	16.63	394.00	19.31	414.60	20.47	449.00	22.54
	90	224.70	10.22	273.10	12.96	321.40	16.24	345.60	18.06	393.60	20.81	413.40	21.98	446.10	24.09
	93	224.70	10.88	273.10	14.05	321.40	17.63	345.60	19.52	392.40	22.32	412.20	23.61	443.20	25.84
	95	224.70	11.28	273.10	14.68	321.40	18.32	345.60	20.27	391.80	23.15	411.10	24.48	441.80	26.70
	99	224.70	12.43	273.10	15.96	321.40	19.78	345.60	21.85	390.60	24.95	408.90	26.25	438.90	28.21
	102	224.70	13.62	273.10	17.30	321.40	21.46	345.60	23.67	389.40	26.81	406.10	27.89	425.40	27.98
	106	224.70	14.86	273.10	18.89	321.40	23.29	345.60	25.60	382.40	27.95	388.00	27.55	392.90	26.15
	111	224.70	17.17	273.10	21.60	319.50	26.09	330.90	26.81	334.80	25.31	337.30	24.61	343.20	23.32
	115	224.70	18.94	272.90	23.68	294.30	25.19	295.90	24.75	300.70	23.29	303.60	22.64	310.00	21.43
	118	224.70	20.96	256.00	23.91	259.20	23.04	260.90	22.60	266.70	21.27	269.90	20.68	276.80	19.55
	120	224.70	22.20	238.50	22.86	241.50	21.94	243.30	21.51	249.60	20.27	252.90	19.69	260.20	18.60
	122	211.20	21.31	224.10	21.95	227.10	21.06	228.70	20.65	234.70	19.46	237.70	18.90	244.60	17.85

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/VRC288L4M

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	3.96	250.30	5.38	294.70	6.78	316.80	7.61	361.20	8.85	383.30	9.62	427.70	10.97
	10	205.90	4.17	250.30	5.60	294.70	7.03	316.80	7.85	361.20	9.07	383.30	9.82	427.70	11.13
	14	205.90	4.39	250.30	5.84	294.70	7.28	316.80	8.10	361.20	9.29	383.30	10.02	427.70	11.29
	23	205.90	4.61	250.30	6.09	294.70	7.54	316.80	8.35	361.20	9.53	383.30	10.23	427.70	11.47
	27	205.90	4.86	250.30	6.34	294.70	7.81	316.80	8.60	361.20	9.78	383.30	10.44	427.70	11.65
	32	205.90	5.11	250.30	6.61	294.70	8.09	316.80	8.87	361.20	10.03	383.30	10.65	427.70	11.83
	37	205.90	5.38	250.30	6.89	294.70	8.38	316.80	9.14	361.20	10.28	383.30	10.87	427.70	12.01
	41	205.90	5.66	250.30	7.18	294.70	8.68	316.80	9.42	361.20	10.54	383.30	11.09	427.70	12.19
	46	205.90	5.82	250.30	7.31	294.70	8.82	316.80	9.57	361.20	10.70	383.30	11.26	427.70	12.41
	50	205.90	5.91	250.30	7.43	294.70	8.95	316.80	9.70	361.20	10.85	383.30	11.44	427.70	12.60
	54	205.90	6.04	250.30	7.56	294.70	9.11	316.80	9.88	361.20	11.06	383.30	11.65	427.70	12.87
	57	205.90	6.19	250.30	7.73	294.70	9.29	316.80	10.08	361.20	11.31	383.30	11.94	427.70	13.21
	61	205.90	6.34	250.30	7.93	294.70	9.54	316.80	10.36	361.20	11.64	383.30	12.28	427.70	13.62
	64	205.90	6.55	250.30	8.15	294.70	9.82	316.80	10.67	361.20	12.01	383.30	12.69	427.70	14.12
	68	205.90	6.72	250.30	8.39	294.70	10.14	316.80	11.04	361.20	12.47	383.30	13.21	427.70	14.77
	72	205.90	6.93	250.30	8.72	294.70	10.56	316.80	11.51	361.20	13.05	383.30	13.86	427.70	15.57
	75	205.90	7.27	250.30	9.11	294.70	11.08	316.80	12.10	361.20	13.78	383.30	14.68	427.70	16.63
	79	205.90	7.63	250.30	9.62	294.70	11.72	316.80	12.85	361.20	14.72	383.30	15.73	427.40	17.90
	82	205.90	8.14	250.30	10.20	294.70	12.50	316.80	13.78	361.20	15.86	383.30	16.98	426.20	19.28
	86	205.90	8.61	250.30	10.88	294.70	13.44	316.80	14.89	361.20	17.17	383.30	18.38	425.00	20.78
	90	205.90	9.17	250.30	11.62	294.70	14.52	316.80	16.16	361.20	18.59	383.30	19.89	423.80	22.27
	93	205.90	9.71	250.30	12.54	294.70	15.77	316.80	17.50	361.20	20.12	383.30	21.43	422.60	23.81
	95	205.90	10.07	250.30	13.08	294.70	16.42	316.80	18.26	361.20	20.87	383.30	22.23	422.00	24.64
	99	205.90	10.97	250.30	14.23	294.70	17.85	316.80	19.74	361.20	22.50	382.40	23.84	419.90	26.31
100	102	205.90	12.03	250.30	15.54	294.70	19.37	316.80	21.35	361.20	24.22	381.20	25.53	414.90	27.58
	106	205.90	13.22	250.30	17.01	294.70	20.98	316.80	23.00	360.70	25.98	376.70	26.84	387.20	26.12
	111	205.90	15.45	250.30	19.42	294.70	23.56	315.30	25.37	327.80	24.93	330.70	24.37	337.40	23.29
	115	205.90	17.04	250.30	21.14	284.80	24.08	288.00	24.15	293.70	22.94	296.90	22.39	304.10	21.39
	118	205.90	18.72	243.60	22.11	250.80	22.15	252.90	21.99	259.50	20.92	263.20	20.42	270.90	19.50
	120	205.90	19.66	228.00	21.37	232.90	21.06	235.50	20.91	242.40	19.90	246.30	19.44	254.40	18.56
	122	193.60	18.87	214.30	20.52	218.90	20.22	221.40	20.07	227.90	19.10	231.50	18.67	239.10	17.81
	5	187.20	3.66	227.50	4.91	267.90	6.10	288.00	6.84	328.30	7.92	348.50	8.64	388.80	9.83
	10	187.20	3.85	227.50	5.12	267.90	6.32	288.00	7.05	328.30	8.13	348.50	8.82	388.80	9.99
	14	187.20	4.05	227.50	5.33	267.90	6.54	288.00	7.27	328.30	8.34	348.50	9.00	388.80	10.15
	23	187.20	4.26	227.50	5.55	267.90	6.78	288.00	7.49	328.30	8.55	348.50	9.18	388.80	10.31
	27	187.20	4.48	227.50	5.77	267.90	7.03	288.00	7.71	328.30	8.77	348.50	9.36	388.80	10.47
	32	187.20	4.72	227.50	6.02	267.90	7.28	288.00	7.96	328.30	8.99	348.50	9.55	388.80	10.63
	37	187.20	4.97	227.50	6.27	267.90	7.54	288.00	8.21	328.30	9.21	348.50	9.75	388.80	10.79
	41	187.20	5.22	227.50	6.53	267.90	7.81	288.00	8.46	328.30	9.45	348.50	9.95	388.80	10.95
	46	187.20	5.37	227.50	6.66	267.90	7.95	288.00	8.59	328.30	9.59	348.50	10.10	388.80	11.10
	50	187.20	5.45	227.50	6.75	267.90	8.05	288.00	8.70	328.30	9.71	348.50	10.22	388.80	11.26
	54	187.20	5.53	227.50	6.84	267.90	8.17	288.00	8.84	328.30	9.88	348.50	10.41	388.80	11.47
	57	187.20	5.61	227.50	6.96	267.90	8.32	288.00	9.02	328.30	10.08	348.50	10.63	388.80	11.74
	61	187.20	5.71	227.50	7.10	267.90	8.52	288.00	9.23	328.30	10.35	348.50	10.92	388.80	12.06
	64	187.20	5.85	227.50	7.27	267.90	8.73	288.00	9.49	328.30	10.65	348.50	11.26	388.80	12.49
	68	187.20	5.96	227.50	7.43	267.90	8.99	288.00	9.80	328.30	11.04	348.50	11.69	388.80	13.01
	72	187.20	6.10	227.50	7.69	267.90	9.36	288.00	10.20	328.30	11.53	348.50	12.23	388.80	13.68
	75	187.20	6.38	227.50	8.06	267.90	9.79	288.00	10.69	328.30	12.15	348.50	12.91	388.80	14.52
	79	187.20	6.75	227.50	8.52	267.90	10.36	288.00	11.32	328.30	12.93	348.50	13.78	388.80	15.61
	82	187.20	7.20	227.50	9.04	267.90	11.05	288.00	12.14	328.30	13.96	348.50	14.93	388.80	16.95
	86	187.20	7.68	227.50	9.65	267.90	11.90	288.00	13.18	328.30	15.15	348.50	16.19	388.80	18.36
	90	187.20	8.11	227.50	10.29	267.90	12.88	288.00	14.33	328.30	16.44	348.50	17.54	388.80	19.92
	93	187.20	8.55	227.50	11.08	267.90	13.97	288.00	15.55	328.30	17.85	348.50	19.03	388.80	21.33
	95	187.20	8.84	227.50	11.51	267.90	14.55	288.00	16.20	328.30	18.61	348.50	19.75	388.80	22.03
	99	187.20	9.52	227.50	12.53	267.90	15.95	288.00	17.76	328.30	20.03	348.50	21.18	388.80	23.54
	102	187.20	10.43	227.50	13.78	267.90	17.38	288.00	19.17	328.30	21.48	348.50	22.68	388.80	25.19
	106	187.20	11.60	227.50	15.20	267.90	18.78	288.00	20.59	328.30	23.02	348.50	24.29	381.30	26.08
	111	187.20	13.73	227.50	17.33	267.90	20.97	288.00	22.86	319.70	24.31	324.00	24.12	331.50	23.25
	115	187.20	15.14	227.50	18.72	267.90	22.45	280.10	23.54	286.50	22.57	290.40	22.14	298.40	21.36
	118	187.20	16.46	227.50	20.12	242.20	21.27	245.10	21.39	252.50	20.55	256.50	20.17	265.20	19.47
	120	187.20	17.13	217.20	19.80	224.40	20.18	227.50	20.30	235.50	19.53	239.70	19.19	248.60	18.53
	122	176.00	16.45	204.20	19.01	210.90	19.37	213.90	19.49	221.40	18.75	225.30	18.42	233.70	17.78

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/VRC288L4M

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	3.30	204.80	4.41	241.10	5.45	259.20	6.12	295.50	7.07	313.60	7.70	349.90	8.80
	10	168.50	3.48	204.80	4.59	241.10	5.65	259.20	6.30	295.50	7.25	313.60	7.86	349.90	8.93
	14	168.50	3.66	204.80	4.78	241.10	5.86	259.20	6.50	295.50	7.43	313.60	8.02	349.90	9.06
	23	168.50	3.86	204.80	4.98	241.10	6.07	259.20	6.70	295.50	7.61	313.60	8.18	349.90	9.19
	27	168.50	4.07	204.80	5.19	241.10	6.29	259.20	6.91	295.50	7.81	313.60	8.34	349.90	9.32
	32	168.50	4.28	204.80	5.41	241.10	6.51	259.20	7.12	295.50	8.01	313.60	8.51	349.90	9.46
	37	168.50	4.50	204.80	5.63	241.10	6.75	259.20	7.34	295.50	8.22	313.60	8.69	349.90	9.60
	41	168.50	4.74	204.80	5.87	241.10	7.00	259.20	7.56	295.50	8.43	313.60	8.87	349.90	9.74
	46	168.50	4.87	204.80	6.00	241.10	7.13	259.20	7.69	295.50	8.56	313.60	8.99	349.90	9.87
	50	168.50	4.97	204.80	6.09	241.10	7.22	259.20	7.80	295.50	8.66	313.60	9.11	349.90	9.99
	54	168.50	5.05	204.80	6.19	241.10	7.33	259.20	7.90	295.50	8.80	313.60	9.24	349.90	10.14
	57	168.50	5.13	204.80	6.29	241.10	7.46	259.20	8.05	295.50	8.97	313.60	9.42	349.90	10.36
	61	168.50	5.23	204.80	6.42	241.10	7.63	259.20	8.23	295.50	9.18	313.60	9.67	349.90	10.64
	64	168.50	5.35	204.80	6.57	241.10	7.82	259.20	8.45	295.50	9.45	313.60	9.95	349.90	10.98
	68	168.50	5.44	204.80	6.72	241.10	8.05	259.20	8.73	295.50	9.78	313.60	10.32	349.90	11.42
	72	168.50	5.57	204.80	6.94	241.10	8.36	259.20	9.07	295.50	10.20	313.60	10.78	349.90	11.97
	75	168.50	5.81	204.80	7.25	241.10	8.73	259.20	9.48	295.50	10.71	313.60	11.35	349.90	12.66
	79	168.50	6.10	204.80	7.62	241.10	9.20	259.20	10.01	295.50	11.35	313.60	12.04	349.90	13.47
	82	168.50	6.46	204.80	8.06	241.10	9.77	259.20	10.67	295.50	12.12	313.60	12.88	349.90	14.47
	86	168.50	6.82	204.80	8.56	241.10	10.46	259.20	11.47	295.50	13.08	313.60	13.91	349.90	15.64
	90	168.50	7.21	204.80	9.12	241.10	11.26	259.20	12.41	295.50	14.14	313.60	15.02	349.90	16.88
	93	168.50	7.61	204.80	9.80	241.10	12.19	259.20	13.43	295.50	15.29	313.60	16.25	349.90	18.23
	95	168.50	7.90	204.80	10.20	241.10	12.69	259.20	14.00	295.50	15.93	313.60	16.92	349.90	18.88
	99	168.50	8.56	204.80	11.10	241.10	13.84	259.20	15.29	295.50	17.25	313.60	18.23	349.90	20.21
80	102	168.50	9.45	204.80	12.22	241.10	15.11	259.20	16.58	295.50	18.57	313.60	19.59	349.90	21.64
	106	168.50	10.54	204.80	13.41	241.10	16.40	259.20	17.94	295.50	20.03	313.60	21.08	349.90	23.28
	111	168.50	12.26	204.80	15.36	241.10	18.56	259.20	20.21	294.90	22.32	309.50	23.08	325.70	23.20
	115	168.50	13.57	204.80	16.73	240.70	20.08	257.60	21.70	275.30	21.95	280.80	21.73	292.50	21.32
	118	168.50	14.84	202.60	18.01	223.20	19.84	230.00	20.37	241.20	19.93	247.20	19.75	259.30	19.44
	120	168.50	15.57	192.00	17.71	205.70	18.77	212.40	19.28	224.10	18.91	230.20	18.76	242.70	18.48
	122	158.40	14.95	180.50	17.00	193.40	18.02	199.70	18.51	210.60	18.16	216.30	18.01	228.10	17.73
	5	149.70	2.87	182.00	3.79	214.30	4.65	230.40	5.19	262.70	5.98	278.80	6.54	311.10	7.39
	10	149.70	3.03	182.00	3.97	214.30	4.85	230.40	5.37	262.70	6.16	278.80	6.70	311.10	7.55
	14	149.70	3.21	182.00	4.15	214.30	5.05	230.40	5.57	262.70	6.35	278.80	6.87	311.10	7.71
	23	149.70	3.39	182.00	4.35	214.30	5.26	230.40	5.78	262.70	6.55	278.80	7.05	311.10	7.87
	27	149.70	3.59	182.00	4.56	214.30	5.48	230.40	5.99	262.70	6.76	278.80	7.23	311.10	8.03
	32	149.70	3.80	182.00	4.77	214.30	5.70	230.40	6.21	262.70	6.97	278.80	7.41	311.10	8.19
	37	149.70	4.02	182.00	4.99	214.30	5.94	230.40	6.43	262.70	7.19	278.80	7.59	311.10	8.35
	41	149.70	4.26	182.00	5.23	214.30	6.19	230.40	6.67	262.70	7.41	278.80	7.79	311.10	8.52
	46	149.70	4.38	182.00	5.35	214.30	6.31	230.40	6.79	262.70	7.54	278.80	7.90	311.10	8.65
	50	149.70	4.47	182.00	5.44	214.30	6.40	230.40	6.88	262.70	7.62	278.80	7.99	311.10	8.74
	54	149.70	4.56	182.00	5.53	214.30	6.50	230.40	6.97	262.70	7.73	278.80	8.11	311.10	8.86
	57	149.70	4.64	182.00	5.62	214.30	6.60	230.40	7.09	262.70	7.86	278.80	8.24	311.10	9.02
	61	149.70	4.74	182.00	5.74	214.30	6.75	230.40	7.25	262.70	8.05	278.80	8.45	311.10	9.25
	64	149.70	4.85	182.00	5.87	214.30	6.91	230.40	7.43	262.70	8.27	278.80	8.68	311.10	9.54
	68	149.70	4.92	182.00	6.00	214.30	7.10	230.40	7.66	262.70	8.54	278.80	8.99	311.10	9.88
	72	149.70	5.03	182.00	6.19	214.30	7.36	230.40	7.96	262.70	8.90	278.80	9.38	311.10	10.35
	75	149.70	5.19	182.00	6.41	214.30	7.67	230.40	8.30	262.70	9.33	278.80	9.86	311.10	10.92
	79	149.70	5.41	182.00	6.71	214.30	8.06	230.40	8.74	262.70	9.87	278.80	10.45	311.10	11.60
	82	149.70	5.66	182.00	7.06	214.30	8.52	230.40	9.27	262.70	10.47	278.80	11.09	311.10	12.33
	86	149.70	5.94	182.00	7.47	214.30	9.06	230.40	9.88	262.70	11.18	278.80	11.85	311.10	13.21
	90	149.70	6.28	182.00	7.93	214.30	9.70	230.40	10.60	262.70	12.03	278.80	12.75	311.10	14.23
	93	149.70	6.65	182.00	8.52	214.30	10.44	230.40	11.42	262.70	12.96	278.80	13.75	311.10	15.34
	95	149.70	6.94	182.00	8.86	214.30	10.85	230.40	11.89	262.70	13.47	278.80	14.27	311.10	15.91
	99	149.70	7.58	182.00	9.67	214.30	11.82	230.40	12.93	262.70	14.59	278.80	15.43	311.10	17.10
	102	149.70	8.43	182.00	10.63	214.30	12.91	230.40	14.08	262.70	15.79	278.80	16.64	311.10	18.38
	106	149.70	9.27	182.00	11.60	214.30	14.05	230.40	15.31	262.70	17.09	278.80	17.97	311.10	19.74
	111	149.70	10.72	182.00	13.39	214.30	16.13	230.40	17.53	262.70	19.40	278.80	20.33	311.10	22.20
	115	149.70	11.94	182.00	14.75	214.30	17.72	230.40	19.25	258.90	20.64	269.70	21.02	286.80	21.27
	118	149.70	13.32	178.30	15.99	203.10	18.26	214.90	19.34	230.00	19.32	237.60	19.33	253.50	19.40
	120	144.00	13.55	166.00	15.52	187.10	17.38	197.50	18.26	212.90	18.31	220.80	18.34	236.90	18.44
	122	135.30	13.01	156.00	14.90	175.90	16.69	185.70	17.54	200.10	17.58	207.60	17.61	222.70	17.70

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/VRC288L4M

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	2.54	159.30	3.33	187.50	4.07	201.60	4.54	229.90	5.21	243.90	5.66	272.10	6.42
	10	131.10	2.70	159.30	3.49	187.50	4.23	201.60	4.70	229.90	5.37	243.90	5.80	272.10	6.55
	14	131.10	2.86	159.30	3.65	187.50	4.41	201.60	4.87	229.90	5.53	243.90	5.95	272.10	6.68
	23	131.10	3.02	159.30	3.83	187.50	4.59	201.60	5.05	229.90	5.70	243.90	6.11	272.10	6.81
	27	131.10	3.20	159.30	4.01	187.50	4.78	201.60	5.23	229.90	5.88	243.90	6.27	272.10	6.94
	32	131.10	3.38	159.30	4.19	187.50	4.98	201.60	5.41	229.90	6.06	243.90	6.43	272.10	7.08
	37	131.10	3.58	159.30	4.39	187.50	5.19	201.60	5.61	229.90	6.24	243.90	6.59	272.10	7.22
	41	131.10	3.79	159.30	4.60	187.50	5.41	201.60	5.82	229.90	6.44	243.90	6.75	272.10	7.36
	46	131.10	3.88	159.30	4.69	187.50	5.52	201.60	5.94	229.90	6.54	243.90	6.84	272.10	7.46
	50	131.10	3.96	159.30	4.78	187.50	5.60	201.60	6.00	229.90	6.62	243.90	6.93	272.10	7.55
	54	131.10	4.04	159.30	4.86	187.50	5.69	201.60	6.09	229.90	6.71	243.90	7.02	272.10	7.64
	57	131.10	4.10	159.30	4.94	187.50	5.78	201.60	6.19	229.90	6.82	243.90	7.13	272.10	7.76
	61	131.10	4.19	159.30	5.03	187.50	5.88	201.60	6.30	229.90	6.96	243.90	7.28	272.10	7.93
	64	131.10	4.29	159.30	5.15	187.50	6.03	201.60	6.46	229.90	7.14	243.90	7.48	272.10	8.18
	68	131.10	4.35	159.30	5.26	187.50	6.19	201.60	6.65	229.90	7.37	243.90	7.73	272.10	8.46
	72	131.10	4.44	159.30	5.40	187.50	6.38	201.60	6.87	229.90	7.65	243.90	8.05	272.10	8.83
	75	131.10	4.54	159.30	5.57	187.50	6.63	201.60	7.16	229.90	8.00	243.90	8.43	272.10	9.29
	79	131.10	4.67	159.30	5.79	187.50	6.93	201.60	7.50	229.90	8.44	243.90	8.91	272.10	9.88
	82	131.10	4.85	159.30	6.06	187.50	7.30	201.60	7.93	229.90	8.94	243.90	9.45	272.10	10.48
	86	131.10	5.05	159.30	6.37	187.50	7.71	201.60	8.39	229.90	9.47	243.90	10.01	272.10	11.11
	90	131.10	5.35	159.30	6.75	187.50	8.20	201.60	8.93	229.90	10.11	243.90	10.72	272.10	11.94
	93	131.10	5.64	159.30	7.20	187.50	8.77	201.60	9.57	229.90	10.85	243.90	11.51	272.10	12.84
	95	131.10	5.89	159.30	7.50	187.50	9.12	201.60	9.95	229.90	11.29	243.90	11.97	272.10	13.34
	99	131.10	6.42	159.30	8.15	187.50	9.92	201.60	10.81	229.90	12.22	243.90	12.93	272.10	14.36
	102	131.10	7.18	159.30	8.99	187.50	10.85	201.60	11.78	229.90	13.25	243.90	14.00	272.10	15.49
	106	131.10	7.84	159.30	9.82	187.50	11.85	201.60	12.90	229.90	14.43	243.90	15.18	272.10	16.71
	111	131.10	9.04	159.30	11.35	187.50	13.71	201.60	14.89	229.90	16.44	243.90	17.21	272.10	18.76
	115	131.10	10.21	159.30	12.67	187.50	15.18	201.60	16.45	229.90	17.99	243.20	18.72	269.10	20.07
	118	131.10	11.69	156.30	14.16	182.40	16.66	195.60	17.92	214.40	18.42	223.50	18.63	241.10	18.98
	120	121.90	12.15	144.90	14.23	168.50	16.36	180.70	17.43	198.00	17.65	206.70	17.78	224.40	18.04
	122	114.70	11.66	136.20	13.67	158.40	15.70	169.90	16.73	186.10	16.94	194.30	17.07	210.90	17.32
60	5	112.30	2.14	136.50	2.79	160.80	3.39	172.80	3.77	197.00	4.12	209.10	4.32	233.30	4.67
	10	112.30	2.27	136.50	2.93	160.80	3.55	172.80	3.93	197.00	4.30	209.10	4.50	233.30	4.87
	14	112.30	2.41	136.50	3.09	160.80	3.71	172.80	4.09	197.00	4.48	209.10	4.68	233.30	5.08
	23	112.30	2.57	136.50	3.25	160.80	3.89	172.80	4.26	197.00	4.66	209.10	4.88	233.30	5.29
	27	112.30	2.73	136.50	3.42	160.80	4.07	172.80	4.44	197.00	4.86	209.10	5.09	233.30	5.51
	32	112.30	2.91	136.50	3.60	160.80	4.26	172.80	4.62	197.00	5.07	209.10	5.30	233.30	5.73
	37	112.30	3.09	136.50	3.78	160.80	4.46	172.80	4.81	197.00	5.28	209.10	5.52	233.30	5.98
	41	112.30	3.29	136.50	3.98	160.80	4.67	172.80	5.01	197.00	5.50	209.10	5.74	233.30	6.23
	46	112.30	3.38	136.50	4.06	160.80	4.76	172.80	5.10	197.00	5.59	209.10	5.83	233.30	6.32
	50	112.30	3.43	136.50	4.13	160.80	4.82	172.80	5.16	197.00	5.66	209.10	5.90	233.30	6.39
	54	112.30	3.49	136.50	4.19	160.80	4.89	172.80	5.24	197.00	5.73	209.10	5.98	233.30	6.47
	57	112.30	3.54	136.50	4.25	160.80	4.97	172.80	5.32	197.00	5.82	209.10	6.07	233.30	6.57
	61	112.30	3.60	136.50	4.32	160.80	5.05	172.80	5.41	197.00	5.93	209.10	6.19	233.30	6.71
	64	112.30	3.67	136.50	4.42	160.80	5.16	172.80	5.53	197.00	6.07	209.10	6.34	233.30	6.88
	68	112.30	3.76	136.50	4.51	160.80	5.28	172.80	5.66	197.00	6.25	209.10	6.53	233.30	7.12
	72	112.30	3.81	136.50	4.61	160.80	5.44	172.80	5.84	197.00	6.46	209.10	6.77	233.30	7.40
	75	112.30	3.88	136.50	4.76	160.80	5.62	172.80	6.07	197.00	6.74	209.10	7.08	233.30	7.76
	79	112.30	3.96	136.50	4.89	160.80	5.85	172.80	6.33	197.00	7.07	209.10	7.46	233.30	8.21
	82	112.30	4.08	136.50	5.10	160.80	6.13	172.80	6.66	197.00	7.47	209.10	7.88	233.30	8.72
	86	112.30	4.22	136.50	5.32	160.80	6.44	172.80	7.00	197.00	7.88	209.10	8.32	233.30	9.23
	90	112.30	4.46	136.50	5.61	160.80	6.79	172.80	7.39	197.00	8.36	209.10	8.86	233.30	9.86
	93	112.30	4.66	136.50	5.94	160.80	7.22	172.80	7.86	197.00	8.95	209.10	9.49	233.30	10.58
	95	112.30	4.85	136.50	6.16	160.80	7.50	172.80	8.18	197.00	9.29	209.10	9.86	233.30	11.01
	99	112.30	5.23	136.50	6.68	160.80	8.15	172.80	8.90	197.00	10.09	209.10	10.70	233.30	11.91
	102	112.30	5.82	136.50	7.37	160.80	8.94	172.80	9.73	197.00	10.98	209.10	11.62	233.30	12.90
	106	112.30	6.44	136.50	8.11	160.80	9.83	172.80	10.72	197.00	12.03	209.10	12.69	233.30	14.00
	111	112.30	7.47	136.50	9.42	160.80	11.42	172.80	12.44	197.00	13.77	209.10	14.43	233.30	15.74
	115	112.30	8.36	136.50	10.50	160.80	12.65	172.80	13.74	197.00	15.07	209.10	15.73	233.30	17.01
	118	112.30	9.76	135.90	12.01	160.30	14.25	172.80	15.36	192.20	16.47	202.00	16.95	222.00	17.81
	120	106.10	10.67	128.00	12.83	150.70	14.99	162.30	16.07	179.30	16.59	187.90	16.83	205.40	17.26
	122	99.70	10.24	120.30	12.31	141.60	14.40	152.60	15.43	168.50	15.93	176.60	16.15	193.10	16.58

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/VRC288L4M

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)	
	DB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
50	5	93.60	1.83	113.70	2.37	133.90	2.86	144.00	3.17	164.10	3.42	174.30	3.55	194.40	3.83
	10	93.60	1.95	113.70	2.49	133.90	2.99	144.00	3.30	164.10	3.56	174.30	3.71	194.40	3.99
	14	93.60	2.07	113.70	2.62	133.90	3.12	144.00	3.43	164.10	3.72	174.30	3.87	194.40	4.15
	23	93.60	2.20	113.70	2.75	133.90	3.26	144.00	3.57	164.10	3.88	174.30	4.03	194.40	4.33
	27	93.60	2.33	113.70	2.89	133.90	3.42	144.00	3.73	164.10	4.04	174.30	4.19	194.40	4.51
	32	93.60	2.48	113.70	3.05	133.90	3.58	144.00	3.89	164.10	4.20	174.30	4.37	194.40	4.69
	37	93.60	2.64	113.70	3.21	133.90	3.74	144.00	4.05	164.10	4.38	174.30	4.55	194.40	4.89
	41	93.60	2.80	113.70	3.37	133.90	3.92	144.00	4.21	164.10	4.56	174.30	4.73	194.40	5.10
	46	93.60	2.88	113.70	3.44	133.90	4.00	144.00	4.28	164.10	4.64	174.30	4.82	194.40	5.17
	50	93.60	2.92	113.70	3.49	133.90	4.05	144.00	4.33	164.10	4.69	174.30	4.88	194.40	5.24
	54	93.60	2.95	113.70	3.51	133.90	4.10	144.00	4.39	164.10	4.76	174.30	4.94	194.40	5.32
	57	93.60	2.96	113.70	3.56	133.90	4.17	144.00	4.46	164.10	4.83	174.30	5.03	194.40	5.40
	61	93.60	3.01	113.70	3.62	133.90	4.22	144.00	4.53	164.10	4.91	174.30	5.10	194.40	5.49
	64	93.60	3.08	113.70	3.70	133.90	4.31	144.00	4.62	164.10	5.01	174.30	5.22	194.40	5.62
	68	93.60	3.15	113.70	3.79	133.90	4.42	144.00	4.73	164.10	5.15	174.30	5.37	194.40	5.81
	72	93.60	3.21	113.70	3.87	133.90	4.51	144.00	4.85	164.10	5.32	174.30	5.55	194.40	6.03
	75	93.60	3.24	113.70	3.94	133.90	4.64	144.00	5.01	164.10	5.51	174.30	5.76	194.40	6.28
	79	93.60	3.29	113.70	4.05	133.90	4.82	144.00	5.22	164.10	5.78	174.30	6.06	194.40	6.63
	82	93.60	3.33	113.70	4.17	133.90	5.01	144.00	5.44	164.10	6.07	174.30	6.37	194.40	7.02
	86	93.60	3.42	113.70	4.33	133.90	5.23	144.00	5.69	164.10	6.38	174.30	6.73	194.40	7.43
	90	93.60	3.60	113.70	4.54	133.90	5.48	144.00	5.96	164.10	6.72	174.30	7.12	194.40	7.90
	93	93.60	3.76	113.70	4.76	133.90	5.78	144.00	6.28	164.10	7.14	174.30	7.58	194.40	8.47
	95	93.60	3.85	113.70	4.91	133.90	5.96	144.00	6.48	164.10	7.39	174.30	7.86	194.40	8.77
	99	93.60	4.19	113.70	5.32	133.90	6.48	144.00	7.09	164.10	8.06	174.30	8.56	194.40	9.57
	102	93.60	4.55	113.70	5.84	133.90	7.14	144.00	7.80	164.10	8.83	174.30	9.36	194.40	10.41
	106	93.60	5.16	113.70	6.50	133.90	7.89	144.00	8.61	164.10	9.72	174.30	10.29	194.40	11.39
	111	93.60	6.03	113.70	7.65	133.90	9.33	144.00	10.20	164.10	11.30	174.30	11.85	194.40	12.96
	115	93.60	6.75	113.70	8.52	133.90	10.33	144.00	11.26	164.10	12.37	174.30	12.92	194.40	14.00
	118	93.60	7.68	113.70	9.67	133.90	11.60	144.00	12.56	164.10	13.62	174.30	14.13	194.40	15.09
	120	93.60	8.61	113.70	10.55	133.90	12.44	144.00	13.37	158.80	14.36	167.30	14.82	186.30	15.70
	122	93.60	9.21	113.70	11.30	133.90	13.31	144.00	14.30	158.80	15.36	158.90	14.52	177.00	15.39

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/VRC288L4M

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	358.50	60.37	345.70	63.50	339.30	64.86	332.90	66.42	330.00	66.95	326.90	67.30
	-17.8	-18.0	378.00	61.41	365.20	64.56	358.80	65.90	352.40	67.48	349.40	67.99	346.30	68.34
	-12.6	-13.0	407.10	62.98	394.30	66.12	387.90	67.48	381.60	69.05	378.50	69.57	375.50	69.90
	-7.1	-7.6	436.30	64.56	423.60	67.70	417.10	69.05	410.70	70.61	403.20	71.14	389.60	70.01
	-3.6	-4.0	455.70	65.60	442.90	68.75	436.50	70.09	418.80	71.14	404.90	69.73	390.50	66.86
	-1.8	-2.2	465.50	66.12	452.70	69.27	446.30	70.61	419.70	70.72	405.30	68.14	390.90	64.47
	2.0	1.0	484.80	67.18	472.10	70.31	451.20	71.09	420.80	67.89	406.10	64.03	390.90	59.55
	6.0	5.0	514.10	68.75	483.70	70.61	452.80	67.12	421.20	61.14	406.10	56.87	390.90	52.90
	10.0	9.0	533.50	69.79	484.80	67.67	453.20	62.38	421.20	56.51	406.10	52.56	390.90	48.91
	13.0	12.0	543.20	70.31	485.20	65.82	453.20	59.97	421.20	54.33	406.10	50.55	390.90	47.03
	17.0	15.0	548.40	68.18	485.20	58.50	453.20	53.33	421.20	48.36	406.10	45.01	390.90	41.90
	19.0	18.0	548.80	66.65	485.20	56.26	453.20	51.30	421.20	46.53	406.10	43.32	390.90	40.33
	23.0	21.0	549.30	61.67	485.20	52.07	453.20	47.51	421.20	43.12	406.10	40.18	390.90	37.42
	26.0	24.0	549.30	57.05	485.20	48.24	453.20	44.05	421.20	40.02	406.10	37.31	390.90	34.77
	30.0	28.0	549.30	52.83	485.20	44.74	453.20	40.90	421.20	37.21	406.10	34.70	390.90	32.36
	35.0	32.0	549.30	47.17	485.20	40.08	453.20	36.71	421.20	33.46	406.10	31.24	390.90	29.16
	39.0	36.0	549.30	43.81	485.20	37.33	453.20	34.25	421.20	31.27	406.10	29.22	390.90	27.30
	44.0	40.0	549.30	40.77	485.20	34.86	453.20	32.02	421.20	29.28	406.10	27.40	390.90	25.61
	47.0	43.0	549.30	39.36	485.20	33.70	453.20	30.99	421.20	28.37	406.10	26.56	390.90	24.84
	51.0	47.0	549.30	36.79	485.20	31.61	453.20	29.13	421.20	26.72	406.10	25.05	390.90	23.44
	54.0	50.0	549.30	34.45	485.20	29.74	453.20	27.46	421.20	25.25	406.10	23.69	390.90	22.21
	57.0	53.0	549.30	31.42	485.20	27.30	453.20	25.30	421.20	23.33	406.10	21.93	390.90	20.59
	60.0	56.0	549.30	29.64	485.20	25.89	453.20	24.03	421.20	22.23	406.10	20.93	390.90	19.66
120	-21.8	-22.0	350.10	60.62	338.40	64.28	332.40	66.10	326.40	66.77	323.70	66.20	320.90	65.44
	-17.8	-18.0	369.60	61.67	357.70	65.32	351.90	67.16	345.90	67.81	343.20	67.24	340.30	66.48
	-12.6	-13.0	398.70	63.24	386.90	66.89	380.90	68.73	375.10	69.38	372.20	68.82	360.40	67.83
	-7.1	-7.6	427.90	64.81	416.10	68.47	410.10	70.29	388.00	68.85	374.80	65.61	360.80	61.04
	-3.6	-4.0	447.30	65.86	435.60	69.51	417.60	69.73	388.80	65.17	374.80	60.61	360.80	56.38
	-1.8	-2.2	457.00	66.39	444.70	70.04	418.00	68.13	388.80	62.63	374.80	58.26	360.80	54.20
	2.0	1.0	476.40	67.43	447.10	68.73	418.40	63.99	388.80	57.86	374.80	53.83	360.80	50.07
	6.0	5.0	504.90	69.00	447.90	62.46	418.40	56.82	388.80	51.39	374.80	47.82	360.80	44.49
	10.0	9.0	506.60	67.72	447.90	57.71	418.40	52.53	388.80	47.52	374.80	44.22	360.80	41.16
	13.0	12.0	507.10	65.90	447.90	55.48	418.40	50.51	388.80	45.70	374.80	42.53	360.80	39.59
	17.0	15.0	507.10	58.55	447.90	49.34	418.40	44.95	388.80	40.72	374.80	37.91	360.80	35.31
	19.0	18.0	507.10	56.31	447.90	47.47	418.40	43.26	388.80	39.21	374.80	36.51	360.80	34.00
	23.0	21.0	507.10	52.08	447.90	43.96	418.40	40.11	388.80	36.37	374.80	33.89	360.80	31.57
	26.0	24.0	507.10	48.22	447.90	40.77	418.40	37.22	388.80	33.80	374.80	31.50	360.80	29.37
	30.0	28.0	507.10	44.70	447.90	37.86	418.40	34.61	388.80	31.46	374.80	29.35	360.80	27.38
	35.0	32.0	507.10	40.00	447.90	33.99	418.40	31.13	388.80	28.37	374.80	26.49	360.80	24.73
	39.0	36.0	507.10	37.22	447.90	31.72	418.40	29.10	388.80	26.56	374.80	24.81	360.80	23.19
	44.0	40.0	507.10	34.70	447.90	29.66	418.40	27.26	388.80	24.93	374.80	23.31	360.80	21.81
	47.0	43.0	507.10	33.54	447.90	28.71	418.40	26.41	388.80	24.18	374.80	22.62	360.80	21.17
	51.0	47.0	507.10	31.42	447.90	26.99	418.40	24.88	388.80	22.84	374.80	21.37	360.80	20.03
	54.0	50.0	507.10	29.51	447.90	25.45	418.40	23.51	388.80	21.63	374.80	20.28	360.80	19.01
	57.0	53.0	507.10	27.02	447.90	23.46	418.40	21.75	388.80	20.06	374.80	18.84	360.80	17.70
	60.0	56.0	507.10	25.59	447.90	22.30	418.40	20.72	388.80	19.18	374.80	18.01	360.80	16.93
110	-21.8	-22.0	341.70	61.92	330.80	63.32	325.40	65.87	320.00	66.07	317.50	65.35	314.90	63.83
	-17.8	-18.0	361.20	62.97	350.30	64.38	344.80	66.92	339.40	67.12	336.90	66.39	330.80	64.87
	-12.6	-13.0	390.30	64.54	379.50	65.95	374.00	68.49	356.00	66.64	343.60	62.05	330.80	57.64
	-7.1	-7.6	419.50	66.11	408.50	67.51	383.50	65.47	356.40	59.21	343.60	55.10	330.80	51.17
	-3.6	-4.0	438.90	67.16	410.60	66.45	383.50	60.47	356.40	54.70	343.60	50.88	330.80	47.28
	-1.8	-2.2	448.50	67.69	410.60	63.86	383.50	58.12	356.40	52.57	343.60	48.91	330.80	45.44
	2.0	1.0	463.90	68.73	410.60	58.99	383.50	53.69	356.40	48.57	343.60	45.19	330.80	41.98
	6.0	5.0	464.70	62.46	410.60	52.40	383.50	47.70	356.40	43.17	343.60	40.18	330.80	37.33
	10.0	9.0	464.70	57.70	410.60	48.42	383.50	44.11	356.40	39.94	343.60	37.17	330.80	34.55
	13.0	12.0	464.70	55.48	410.60	46.57	383.50	42.42	356.40	38.41	343.60	35.76	330.80	33.25
	17.0	15.0	464.70	49.32	410.60	41.45	383.50	37.81	356.40	34.26	343.60	31.92	330.80	29.69
	19.0	18.0	464.70	47.44	410.60	39.90	383.50	36.40	356.40	33.01	343.60	30.76	330.80	28.61
	23.0	21.0	464.70	43.92	410.60	37.00	383.50	33.78	356.40	30.66	343.60	28.58	330.80	26.60
	26.0	24.0	464.70	40.71	410.60	34.36	383.50	31.39	356.40	28.52	343.60	26.60	330.80	24.78
	30.0	28.0	464.70	37.78	410.60	31.96	383.50	29.22	356.40	26.58	343.60	24.80	330.80	23.12
	35.0	32.0	464.70	33.88	410.60	28.76	383.50	26.36	356.40	24.03	343.60	22.45	330.80	20.95
	39.0	36.0	464.70	31.58	410.60	26.89	383.50	24.69	356.40	22.54	343.60	21.08	330.80	19.68
	44.0	40.0	464.70	29.51	410.60	25.21	383.50	23.17	356.40	21.20	343.60	19.84	330.80	18.55
	47.0	43.0	464.70	28.55	410.60	24.43	383.50	22.48	356.40	20.58	343.60	19.27	330.80	18.02
	51.0	47.0	464.70	26.81	410.60	23.03	383.50	21.23	356.40	19.48	343.60	18.25	330.80	17.09
	54.0	50.0	464.70	25.26	410.60	21.78	383.50	20.12	356.40	18.49	343.60	17.34	330.80	16.26
	57.0	53.0	464.70	23.22	410.60	20.15	383.50	18.68	356.40	17.22	343.60	16.17	330.80	15.18
	60.0	56.0	464.70	22.05	410.60	19.22	383.50	17.85	356.40	16.48	343.60	15.50	330.80	14.56

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/VRC288L4M

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	333.20	60.97	323.30	61.95	318.40	61.96	313.50	62.02	307.70	60.08	300.70	58.50
	-17.8	-18.0	352.60	62.02	342.80	63.00	337.90	63.01	324.00	62.59	312.30	58.30	300.70	54.12
	-12.6	-13.0	381.80	63.59	372.00	64.57	348.70	61.57	324.00	55.58	312.30	51.77	300.70	48.06
	-7.1	-7.6	410.90	65.16	373.20	60.13	348.70	54.67	324.00	49.35	312.30	45.96	300.70	42.66
	-3.6	-4.0	422.40	66.21	373.20	55.54	348.70	50.50	324.00	45.60	312.30	42.46	300.70	39.42
	-1.8	-2.2	422.40	63.63	373.20	53.39	348.70	48.53	324.00	43.82	312.30	40.82	300.70	37.90
	2.0	1.0	422.40	58.79	373.20	49.33	348.70	44.85	324.00	40.50	312.30	37.72	300.70	35.03
	6.0	5.0	422.40	52.19	373.20	43.83	348.70	39.85	324.00	36.01	312.30	33.56	300.70	31.16
	10.0	9.0	422.40	48.24	373.20	40.53	348.70	36.88	324.00	33.34	312.30	31.06	300.70	28.87
	13.0	12.0	422.40	46.38	373.20	38.99	348.70	35.48	324.00	32.09	312.30	29.90	300.70	27.78
	17.0	15.0	422.40	41.28	373.20	34.75	348.70	31.66	324.00	28.67	312.30	26.72	300.70	24.84
	19.0	18.0	422.40	39.73	373.20	33.47	348.70	30.50	324.00	27.62	312.30	25.75	300.70	23.96
	23.0	21.0	422.40	36.82	373.20	31.06	348.70	28.33	324.00	25.68	312.30	23.96	300.70	22.30
	26.0	24.0	422.40	34.17	373.20	28.88	348.70	26.37	324.00	23.94	312.30	22.34	300.70	20.81
	30.0	28.0	422.40	31.76	373.20	26.89	348.70	24.60	324.00	22.35	312.30	20.87	300.70	19.44
	35.0	32.0	422.40	28.57	373.20	24.28	348.70	22.25	324.00	20.27	312.30	18.93	300.70	17.66
	39.0	36.0	422.40	26.69	373.20	22.74	348.70	20.86	324.00	19.05	312.30	17.81	300.70	16.63
	44.0	40.0	422.40	25.00	373.20	21.36	348.70	19.64	324.00	17.96	312.30	16.80	300.70	15.71
	47.0	43.0	422.40	24.22	373.20	20.73	348.70	19.08	324.00	17.46	312.30	16.34	300.70	15.28
	51.0	47.0	422.40	22.81	373.20	19.60	348.70	18.07	324.00	16.56	312.30	15.52	300.70	14.52
	54.0	50.0	422.40	21.56	373.20	18.58	348.70	17.17	324.00	15.77	312.30	14.78	300.70	13.85
	57.0	53.0	422.40	19.91	373.20	17.26	348.70	16.00	324.00	14.75	312.30	13.84	300.70	12.98
	60.0	56.0	422.40	18.98	373.20	16.51	348.70	15.33	324.00	14.15	312.30	13.28	300.70	12.48
90	-21.8	-22.0	324.80	62.80	315.90	60.71	308.40	60.68	291.60	57.63	281.10	53.69	270.70	49.80
	-17.8	-18.0	344.10	63.85	335.30	61.75	313.70	58.87	291.60	53.29	281.10	49.61	270.70	46.02
	-12.6	-13.0	373.40	65.42	336.00	57.53	313.70	52.28	291.60	47.31	281.10	44.05	270.70	40.85
	-7.1	-7.6	380.30	60.91	336.00	51.09	313.70	46.41	291.60	42.01	281.10	39.11	270.70	36.26
	-3.6	-4.0	380.30	56.28	336.00	47.20	313.70	42.88	291.60	38.81	281.10	36.13	270.70	33.51
	-1.8	-2.2	380.30	54.08	336.00	45.36	313.70	41.22	291.60	37.30	281.10	34.74	270.70	32.23
	2.0	1.0	380.30	49.97	336.00	41.92	313.70	38.09	291.60	34.48	281.10	32.12	270.70	29.80
	6.0	5.0	380.30	44.39	336.00	37.27	313.70	33.88	291.60	30.70	281.10	28.59	270.70	26.53
	10.0	9.0	380.30	41.04	336.00	34.49	313.70	31.37	291.60	28.43	281.10	26.49	270.70	24.59
	13.0	12.0	380.30	39.49	336.00	33.19	313.70	30.19	291.60	27.37	281.10	25.51	270.70	23.68
	17.0	15.0	380.30	35.18	336.00	29.62	313.70	26.98	291.60	24.49	281.10	22.83	270.70	21.22
	19.0	18.0	380.30	33.89	336.00	28.54	313.70	26.01	291.60	23.62	281.10	22.02	270.70	20.46
	23.0	21.0	380.30	31.45	336.00	26.54	313.70	24.20	291.60	21.99	281.10	20.52	270.70	19.09
	26.0	24.0	380.30	29.23	336.00	24.72	313.70	22.56	291.60	20.52	281.10	19.15	270.70	17.82
	30.0	28.0	380.30	27.21	336.00	23.07	313.70	21.07	291.60	19.20	281.10	17.93	270.70	16.70
	35.0	32.0	380.30	24.55	336.00	20.89	313.70	19.12	291.60	17.46	281.10	16.31	270.70	15.22
	39.0	36.0	380.30	23.00	336.00	19.61	313.70	17.99	291.60	16.44	281.10	15.37	270.70	14.35
	44.0	40.0	380.30	21.61	336.00	18.48	313.70	16.97	291.60	15.53	281.10	14.54	270.70	13.58
	47.0	43.0	380.30	20.96	336.00	17.95	313.70	16.50	291.60	15.12	281.10	14.15	270.70	13.23
	51.0	47.0	380.30	19.80	336.00	17.02	313.70	15.66	291.60	14.38	281.10	13.46	270.70	12.60
	54.0	50.0	380.30	18.78	336.00	16.18	313.70	14.93	291.60	13.72	281.10	12.86	270.70	12.05
	57.0	53.0	380.30	17.44	336.00	15.10	313.70	13.96	291.60	12.87	281.10	12.08	270.70	11.33
	60.0	56.0	380.30	16.65	336.00	14.48	313.70	13.42	291.60	12.38	281.10	11.62	270.70	10.92
80	-21.8	-22.0	316.30	60.81	298.60	58.81	278.90	53.42	259.20	48.45	249.90	45.08	240.50	41.81
	-17.8	-18.0	335.70	61.85	298.60	54.40	278.90	49.37	259.20	44.75	249.90	41.65	240.50	38.62
	-12.6	-13.0	338.00	57.64	298.60	48.30	278.90	43.84	259.20	39.73	249.90	36.98	240.50	34.29
	-7.1	-7.6	338.00	51.17	298.60	42.89	278.90	38.92	259.20	35.28	249.90	32.83	240.50	30.45
	-3.6	-4.0	338.00	47.28	298.60	39.62	278.90	35.96	259.20	32.60	249.90	30.34	240.50	28.15
	-1.8	-2.2	338.00	45.44	298.60	38.09	278.90	34.58	259.20	31.35	249.90	29.18	240.50	27.06
	2.0	1.0	338.00	41.98	298.60	35.21	278.90	31.96	259.20	28.99	249.90	26.99	240.50	25.04
	6.0	5.0	338.00	37.32	298.60	31.32	278.90	28.45	259.20	25.83	249.90	24.05	240.50	22.32
	10.0	9.0	338.00	34.54	298.60	29.01	278.90	26.37	259.20	23.94	249.90	22.29	240.50	20.71
	13.0	12.0	338.00	33.23	298.60	27.94	278.90	25.40	259.20	23.06	249.90	21.48	240.50	19.95
	17.0	15.0	338.00	29.66	298.60	24.98	278.90	22.74	259.20	20.67	249.90	19.26	240.50	17.91
	19.0	18.0	338.00	28.58	298.60	24.07	278.90	21.93	259.20	19.95	249.90	18.60	240.50	17.29
	23.0	21.0	338.00	26.56	298.60	22.42	278.90	20.44	259.20	18.59	249.90	17.35	240.50	16.14
	26.0	24.0	338.00	24.72	298.60	20.92	278.90	19.08	259.20	17.38	249.90	16.23	240.50	15.11
	30.0	28.0	338.00	23.07	298.60	19.55	278.90	17.87	259.20	16.29	249.90	15.21	240.50	14.18
	35.0	32.0	338.00	20.88	298.60	17.77	278.90	16.27	259.20	14.86	249.90	13.89	240.50	12.95
	39.0	36.0	338.00	19.60	298.60	16.73	278.90	15.33	259.20	14.03	249.90	13.11	240.50	12.25
	44.0	40.0	338.00	18.47	298.60	15.79	278.90	14.49	259.20	13.28	249.90	12.43	240.50	11.61
	47.0	43.0	338.00	17.94	298.60	15.36	278.90	14.12	259.20	12.94	249.90	12.11	240.50	11.33
	51.0	47.0	338.00	17.00	298.60	14.60	278.90	13.44	259.20	12.34	249.90	11.55	240.50	10.82
	54.0	50.0	338.00	16.16	298.60	13.92	278.90	12.84	259.20	11.81	249.90	11.06	240.50	10.36
	57.0	53.0	338.00	15.07	298.60	13.05	278.90	12.06	259.20	11.11	249.90	10.42	240.50	9.78
	60.0	56.0	338.00	14.47	298.60	12.55	278.90	11.62	259.20	10.72	249.90	10.05	240.50	9.45

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/VRC288L4M

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	295.70	57.85	261.30	48.52	244.10	44.15	226.80	39.89	218.70	37.10	210.50	34.64
	-17.8	-18.0	295.70	53.50	261.30	44.82	244.10	40.79	226.80	36.85	218.70	34.28	210.50	31.99
	-12.6	-13.0	295.70	47.50	261.30	39.80	244.10	36.20	226.80	32.73	218.70	30.43	210.50	28.40
	-7.1	-7.6	295.70	42.18	261.30	35.34	244.10	32.16	226.80	29.07	218.70	27.04	210.50	25.24
	-3.6	-4.0	295.70	38.96	261.30	32.66	244.10	29.72	226.80	26.86	218.70	24.98	210.50	23.33
	-1.8	-2.2	295.70	37.46	261.30	31.40	244.10	28.58	226.80	25.83	218.70	24.04	210.50	22.43
	2.0	1.0	295.70	34.63	261.30	29.04	244.10	26.44	226.80	23.91	218.70	22.25	210.50	20.77
	6.0	5.0	295.70	30.81	261.30	25.87	244.10	23.57	226.80	21.33	218.70	19.85	210.50	18.53
	10.0	9.0	295.70	28.54	261.30	23.98	244.10	21.86	226.80	19.79	218.70	18.43	210.50	17.21
	13.0	12.0	295.70	27.47	261.30	23.10	244.10	21.06	226.80	19.08	218.70	17.76	210.50	16.59
	17.0	15.0	295.70	24.57	261.30	20.70	244.10	18.90	226.80	17.14	218.70	15.97	210.50	14.91
	19.0	18.0	295.70	23.69	261.30	19.98	244.10	18.24	226.80	16.54	218.70	15.42	210.50	14.40
	23.0	21.0	295.70	22.06	261.30	18.62	244.10	17.02	226.80	15.46	218.70	14.42	210.50	13.47
	26.0	24.0	295.70	20.58	261.30	17.41	244.10	15.93	226.80	14.48	218.70	13.51	210.50	12.63
	30.0	28.0	295.70	19.25	261.30	16.32	244.10	14.95	226.80	13.60	218.70	12.70	210.50	11.87
	35.0	32.0	295.70	17.49	261.30	14.89	244.10	13.65	226.80	12.44	218.70	11.62	210.50	10.88
	39.0	36.0	295.70	16.48	261.30	14.05	244.10	12.90	226.80	11.78	218.70	11.02	210.50	10.30
	44.0	40.0	295.70	15.55	261.30	13.30	244.10	12.24	226.80	11.19	218.70	10.46	210.50	9.79
	47.0	43.0	295.70	15.14	261.30	12.96	244.10	11.93	226.80	10.91	218.70	10.21	210.50	9.56
	51.0	47.0	295.70	14.40	261.30	12.36	244.10	11.40	226.80	10.43	218.70	9.77	210.50	9.15
60	54.0	50.0	295.70	13.73	261.30	11.82	244.10	10.91	226.80	10.00	218.70	9.37	210.50	8.78
	57.0	53.0	295.70	12.87	261.30	11.13	244.10	10.28	226.80	9.45	218.70	8.87	210.50	8.31
	60.0	56.0	295.70	12.39	261.30	10.74	244.10	9.93	226.80	9.13	218.70	8.58	210.50	8.03
	-21.8	-22.0	253.50	46.65	224.00	39.20	209.20	35.64	194.40	32.29	187.50	30.06	180.40	27.97
	-17.8	-18.0	253.50	43.10	224.00	36.22	209.20	32.92	194.40	29.83	187.50	27.76	180.40	25.83
	-12.6	-13.0	253.50	38.26	224.00	32.16	209.20	29.24	194.40	26.49	187.50	24.65	180.40	22.94
	-7.1	-7.6	253.50	33.97	224.00	28.56	209.20	25.97	194.40	23.53	187.50	21.91	180.40	20.39
	-3.6	-4.0	253.50	31.40	224.00	26.40	209.20	24.01	194.40	21.77	187.50	20.26	180.40	18.86
	-1.8	-2.2	253.50	30.18	224.00	25.38	209.20	23.09	194.40	20.93	187.50	19.49	180.40	18.14
	2.0	1.0	253.50	27.93	224.00	23.50	209.20	21.38	194.40	19.38	187.50	18.05	180.40	16.80
	6.0	5.0	253.50	24.88	224.00	20.95	209.20	19.09	194.40	17.31	187.50	16.13	180.40	15.02
	10.0	9.0	253.50	23.07	224.00	19.45	209.20	17.72	194.40	16.09	187.50	14.99	180.40	13.96
	13.0	12.0	253.50	22.23	224.00	18.75	209.20	17.08	194.40	15.52	187.50	14.46	180.40	13.46
	17.0	15.0	253.50	19.93	224.00	16.84	209.20	15.36	194.40	13.96	187.50	13.02	180.40	12.14
	19.0	18.0	253.50	19.24	224.00	16.25	209.20	14.84	194.40	13.50	187.50	12.58	180.40	11.73
	23.0	21.0	253.50	17.94	224.00	15.19	209.20	13.88	194.40	12.62	187.50	11.80	180.40	10.99
	26.0	24.0	253.50	16.79	224.00	14.22	209.20	13.02	194.40	11.85	187.50	11.08	180.40	10.31
	30.0	28.0	253.50	15.75	224.00	13.36	209.20	12.24	194.40	11.16	187.50	10.43	180.40	9.72
	35.0	32.0	253.50	14.37	224.00	12.22	209.20	11.22	194.40	10.24	187.50	9.58	180.40	8.94
50	39.0	36.0	253.50	13.57	224.00	11.57	209.20	10.63	194.40	9.72	187.50	9.09	180.40	8.49
	44.0	40.0	253.50	12.85	224.00	11.00	209.20	10.11	194.40	9.24	187.50	8.66	180.40	8.09
	47.0	43.0	253.50	12.53	224.00	10.72	209.20	9.87	194.40	9.03	187.50	8.46	180.40	7.90
	51.0	47.0	253.50	11.96	224.00	10.25	209.20	9.45	194.40	8.66	187.50	8.11	180.40	7.58
	54.0	50.0	253.50	11.44	224.00	9.82	209.20	9.08	194.40	8.31	187.50	7.81	180.40	7.29
	57.0	53.0	253.50	10.78	224.00	9.28	209.20	8.59	194.40	7.89	187.50	7.40	180.40	6.93
	60.0	56.0	253.50	10.40	224.00	8.98	209.20	8.31	194.40	7.65	187.50	7.18	180.40	6.72
	-21.8	-22.0	211.20	36.55	186.70	30.69	174.30	27.92	162.00	25.28	156.20	23.61	150.30	22.00
	-17.8	-18.0	211.20	33.77	186.70	28.35	174.30	25.79	162.00	23.36	156.20	21.80	150.30	20.32
	-12.6	-13.0	211.20	29.98	186.70	25.18	174.30	22.90	162.00	20.75	156.20	19.37	150.30	18.05
	-7.1	-7.6	211.20	26.63	186.70	22.37	174.30	20.35	162.00	18.45	156.20	17.21	150.30	16.05
	-3.6	-4.0	211.20	24.62	186.70	20.68	174.30	18.82	162.00	17.07	156.20	15.93	150.30	14.85
	-1.8	-2.2	211.20	23.68	186.70	19.90	174.30	18.13	162.00	16.42	156.20	15.34	150.30	14.30
	2.0	1.0	211.20	21.92	186.70	18.44	174.30	16.78	162.00	15.23	156.20	14.22	150.30	13.25
	6.0	5.0	211.20	19.56	186.70	16.47	174.30	15.00	162.00	13.62	156.20	12.72	150.30	11.86
	10.0	9.0	211.20	18.16	186.70	15.31	174.30	13.95	162.00	12.67	156.20	11.84	150.30	11.05
	13.0	12.0	211.20	17.52	186.70	14.77	174.30	13.47	162.00	12.23	156.20	11.43	150.30	10.65
	17.0	15.0	211.20	15.74	186.70	13.29	174.30	12.13	162.00	11.04	156.20	10.31	150.30	9.63
	19.0	18.0	211.20	15.21	186.70	12.85	174.30	11.74	162.00	10.67	156.20	9.98	150.30	9.31
	23.0	21.0	211.20	14.21	186.70	12.04	174.30	11.00	162.00	10.02	156.20	9.36	150.30	8.74
	26.0	24.0	211.20	13.33	186.70	11.30	174.30	10.34	162.00	9.42	156.20	8.81	150.30	8.22
50	30.0	28.0	211.20	12.52	186.70	10.65	174.30	9.75	162.00	8.89	156.20	8.31	150.30	7.77
	35.0	32.0	211.20	11.48	186.70	9.78	174.30	8.96	162.00	8.19	156.20	7.66	150.30	7.16
	39.0	36.0	211.20	10.87	186.70	9.29	174.30	8.52	162.00	7.79	156.20	7.29	150.30	6.81
	44.0	40.0	211.20	10.34	186.70	8.84	174.30	8.13	162.00	7.43	156.20	6.97	150.30	6.50
	47.0	43.0	211.20	10.09	186.70	8.64	174.30	7.94	162.00	7.27	156.20	6.81	150.30	6.37
	51.0	47.0	211.20	9.65	186.70	8.29	174.30	7.62	162.00	6.99	156.20	6.54	150.30	6.12
	54.0	50.0	211.20	9.28	186.70	7.96	174.30	7.34	162.00	6.74	156.20	6.31	150.30	5.90
	57.0	53.0	211.20	8.77	186.70	7.55	174.30	6.97	162.00	6.41	156.20	6.00	150.30	5.63
	60.0	56.0	211.20	8.49	186.70	7.33	174.30	6.76	162.00	6.22	156.20	5.84	150.30	5.47

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%

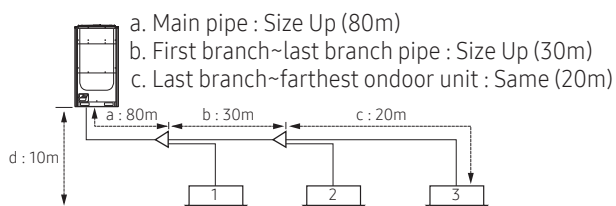
2. Capacity correction

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 = $80 \times 0.5 + 30 \times 0.5 + 20 = 75(\text{m})$
cooling correction coefficient(α) = 0.86
- ② Heating : The overall equivalent length = $80 \times 0.2 + 30 \times 0.2 + 20 = 42(\text{m})$
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



		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	
Level Difference (ft)	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



		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	
Level Difference (ft)	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



		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
Level Difference (ft)	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



		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	
Level Difference (ft)	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



		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	
Level Difference (ft)	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



		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	
Level Difference (ft)	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



		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
Level Difference (ft)	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



		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	
Level Difference (ft)	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



		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
Level Difference (ft)	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



		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	
Level Difference (ft)	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



		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	
Level Difference (ft)	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



		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	
Level Difference (ft)	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



		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
Level Difference (ft)	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



		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	
Level Difference (ft)	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



		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
Level Difference (ft)	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



		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	
Level Difference (ft)	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



		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
Level Difference (ft)	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



		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	
Level Difference (ft)	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



		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
Level Difference (ft)	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



		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	
Level Difference (ft)	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	



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