

V36C

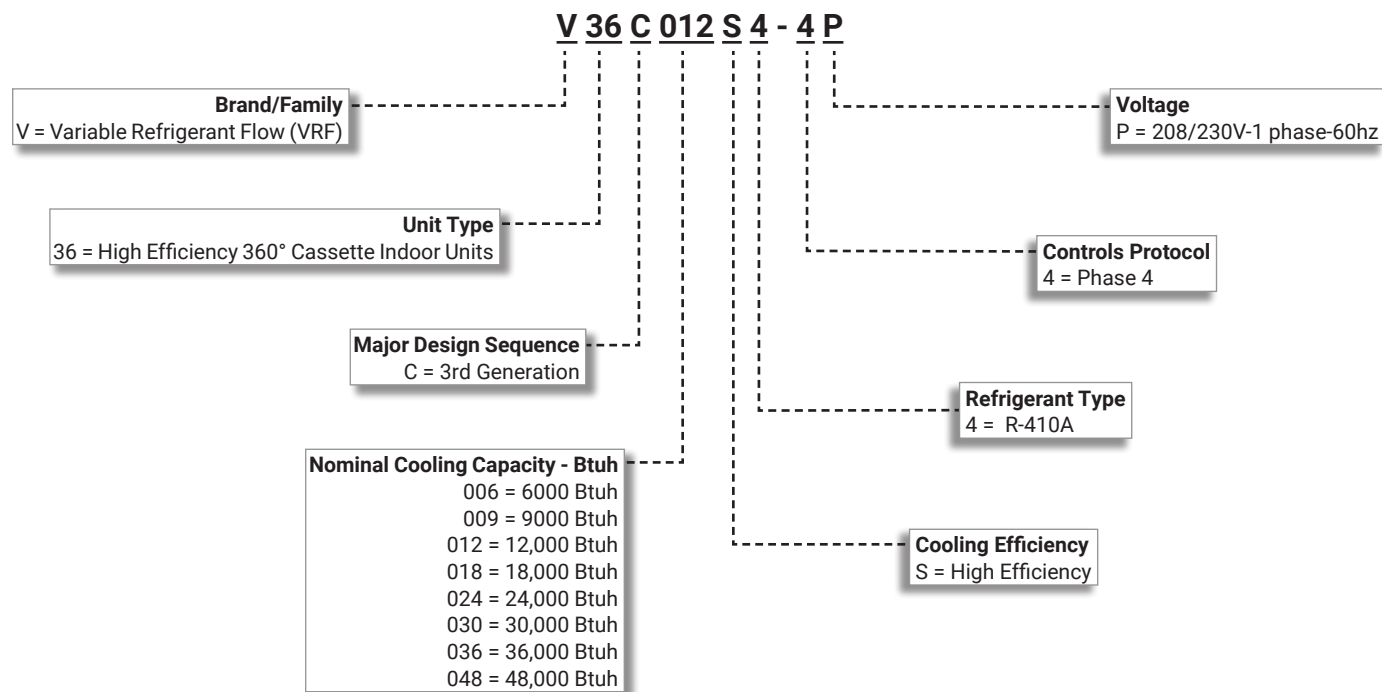
High-Efficiency 360° Cassette Indoor Units | **R-410A** | 60Hz

6,000 to 48,000 Btuh

COMMERCIAL PRODUCT SPECIFICATIONS (EHB)



MODEL NUMBER IDENTIFICATION



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Specifications

360 Cassette

Type				360 Cassette (Square)	360 Cassette (Square)	360 Cassette (Square)	360 Cassette (Square)
Model Name				V36C009S4-4P	V36C012S4-4P	V36C018S4-4P	V36C024S4-4P
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HP/HR	HP/HR	HP/HR	HP/HR
Performance	Ton			0.75	1.00	1.50	2.00
	Capacity (Nominal)	Cooling	kW	2.64	3.52	5.28	7.03
			Btu/h	9,000	12,000	18,000	24,000
			US RT	0.75	1.00	1.50	2.00
		Heating	kW	2.93	3.96	5.86	7.91
			Btu/h	10,000	13,500	20,000	27,000
US RT			0.83	1.13	1.67	2.25	
Power	Power Input (Nominal)	Cooling	W	26.00	26.00	26.00	38.00
		Heating		26.00	26.00	26.00	38.00
	Current Input (Nominal)	Cooling	A	0.18	0.18	0.18	0.28
		Heating		0.18	0.18	0.18	0.28
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan
		Output x n	W	65 x 1	65 x 1	65 x 1	65 x 1
	Air Flow	H/M/L (UL)	CFM	565.06 / 529.74 / 494.42	565.06 / 529.74 / 494.42	565.06 / 529.74 / 494.42	671.00 / 582.71 / 512.08
			Pa	-	-	-	-
	External Pressure	Min / Std / Max	In Wg	-	-	-	-
Piping Connections	Liquid Pipe		Ø, mm	6.35	6.35	6.35	9.52
			Ø, inch	1/4"	1/4"	1/4"	3/8"
	Gas Pipe		Ø, mm	12.70	12.70	12.70	15.88
			Ø, inch	1/2"	1/2"	1/2"	5/8"
	Drain Pipe		Ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Field Wiring	Power Source Wire		mm²	AWG 14	AWG 14	AWG 14	AWG 14
	Transmission Cable		mm²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Pressure	High / Mid / Low	dB(A)	33 / 31 / 29	33 / 31 / 29	33 / 31 / 29	38 / 35 / 32
	Power	Cooling		-	-	-	-
Dimensions	Net Weight		kg	21.00	21.00	21.00	21.00
			lbs	46.30	46.30	46.30	46.30
	Shipping Weight		kg	25.90	25.90	25.90	25.90
			lbs	57.10	57.10	57.10	57.10
	Net Dimensions (WxHxD)		mm	947 x 281 x 947	947 x 281 x 947	947 x 281 x 947	947 x 281 x 947
			inch	37.28 x 11.06 x 37.28	37.28 x 11.06 x 37.28	37.28 x 11.06 x 37.28	37.28 x 11.06 x 37.28
	Shipping Dimensions (WxHxD)		mm	990 x 330 x 990	990 x 330 x 990	990 x 330 x 990	990 x 330 x 990
			inch	38.98 x 12.99 x 38.98	38.98 x 12.99 x 38.98	38.98 x 12.99 x 38.98	38.98 x 12.99 x 38.98
Panel Size	Panel Model(Square)		-	PC4N*DM*N	PC4N*DM*N	PC4N*DM*N	PC4N*DM*N
	Panel Net Weight		kg	3.60	3.60	3.60	3.60
			lbs	7.94	7.94	7.94	7.94
	Shipping Weight		kg	6.00	6.00	6.00	6.00
			lbs	13.23	13.23	13.23	13.23
	Net Dimensions (WxHxD)		mm	1,000 x 66 x 1,000	1,000 x 66 x 1,000	1,000 x 66 x 1,000	1,000 x 66 x 1,000
			inch	39.37 x 2.60 x 39.37	39.37 x 2.60 x 39.37	39.37 x 2.60 x 39.37	39.37 x 2.60 x 39.37
	Shipping Dimensions (WxHxD)		mm	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083
inch			43.03 x 3.35 x 42.64	43.03 x 3.35 x 42.64	43.03 x 3.35 x 42.64	43.03 x 3.35 x 42.64	

* Specifications are subject to change without prior notice.

1) Nominal capacity are based on (Refrigerant Piping 25ft , Level Differences 0ft);

.Cooling : Indoor temperature 80°F DB, 67°F WB / Outdoor temperature 95°F DB, 75°F WB

.Heating : Indoor temperature 70°F DB, 60°F WB / Outdoor temperature 47°F DB, 43°F WB

2) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions. Optional ceiling panels

3) (Detailed specifications for other panels are available on demensional drawing pages.)

. Square type : PC4NUDMAN (White), PC4NBDMAN (Black) . Circle type : PC4NUNMAN (White), PC4NBNMAN (Black)

※ When installing the circular panel on the ceiling, make sure to install 2 or more inspection holes for the maintenance.

(For further information, please refer to the installation manual.)

Specifications

360 Cassette

Type				360 Cassette (Square)	360 Cassette (Square)	360 Cassette (Square)
Model Name				V36C030S4-4P	V36C036S4-4P	V36C048S4-4P
Power Supply			Ø, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HP/HR	HP/HR	HP/HR
Performance	Ton			2.50	3.00	4.00
	Capacity (Nominal)	Cooling	kW	8.79	10.55	14.07
			Btu/h	30,000	36,000	48,000
			US RT	2.50	3.00	4.00
		Heating	kW	9.96	11.72	15.83
			Btu/h	34,000	40,000	54,000
			US RT	2.83	3.33	4.50
Power	Power Input (Nominal)	Cooling	W	54.00	71.00	91.00
		Heating		54.00	71.00	91.00
	Current Input (Nominal)	Cooling	A	0.42	0.57	0.75
		Heating		0.42	0.57	0.75
Fan	Motor	Type	-	Turbo Fan	Turbo Fan	Turbo Fan
		Output x n	W	97 x 1	97 x 1	97 x 1
	Air Flow	H/M/L (UL)	CFM	900.56 / 794.61 / 706.32	988.85 / 882.90 / 776.95	1,112.45 / 953.53 / 847.58
	External Pressure	Min / Std / Max	Pa	-	-	-
			In Wg	-	-	-
Piping Connections	Liquid Pipe		Ø, mm	9.52	9.52	9.52
			Ø, inch	3/8"	3/8"	3/8"
	Gas Pipe		Ø, mm	15.88	15.88	15.88
			Ø, inch	5/8"	5/8"	5/8"
	Drain Pipe		Ø, mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Field Wiring	Power Source Wire		mm²	AWG 14	AWG 14	AWG 14
	Transmission Cable		mm²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Pressure	High / Mid / Low	dB(A)	40 / 38 / 36	43 / 40 / 38	44 / 42 / 39
	Power	Cooling		-	-	-
Dimensions	Net Weight		kg	24.00	24.00	24.00
			lbs	52.91	52.91	52.91
	Shipping Weight		kg	29.40	29.40	29.40
			lbs	64.82	64.82	64.82
	Net Dimensions (WxHxD)		mm	947 x 365 x 947	947 x 365 x 947	947 x 365 x 947
			inch	37.28 x 14.37 x 37.28	37.28 x 14.37 x 37.28	37.28 x 14.37 x 37.28
	Shipping Dimensions (WxHxD)		mm	990 x 414 x 990	990 x 414 x 990	990 x 414 x 990
			inch	38.98 x 16.30 x 38.98	38.98 x 16.30 x 38.98	38.98 x 16.30 x 38.98
Panel Size	Panel Model(Square)		-	PC4N*DM*N	PC4N*DM*N	PC4N*DM*N
	Panel Net Weight		kg	3.60	3.60	3.60
			lbs	7.94	7.94	7.94
	Shipping Weight		kg	6.00	6.00	6.00
			lbs	13.23	13.23	13.23
	Net Dimensions (WxHxD)		mm	1,000 x 66 x 1,000	1,000 x 66 x 1,000	1,000 x 66 x 1,000
			inch	39.37 x 2.60 x 39.37	39.37 x 2.60 x 39.37	39.37 x 2.60 x 39.37
	Shipping Dimensions (WxHxD)		mm	1,093 x 85 x 1,083	1,093 x 85 x 1,083	1,093 x 85 x 1,083
inch			43.03 x 3.35 x 42.64	43.03 x 3.35 x 42.64	43.03 x 3.35 x 42.64	

* Specifications are subject to change without prior notice.

1) Nominal capacity are based on (Refrigerant Piping 25ft , Level Differences 0ft);

.Cooling : Indoor temperature 80°F DB, 67°F WB / Outdoor temperature 95°F DB, 75°F WB

.Heating : Indoor temperature 70°F DB, 60°F WB / Outdoor temperature 47°F DB, 43°F WB

2) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.

3) Optional ceiling panels (Detailed specifications for other panels are available on demensional drawing pages.)

. Square type : PC4NUDMAN (White), PC4NBDMAN (Black) . Circle type : PC4NUNMAN (White), PC4NBNMAN (Black)

※ When installing the circular panel on the ceiling, make sure to install 2 or more inspection holes for the maintenance.

(For further information, please refer to the installation manual.)

Specifications

360 Cassette

Performance Characteristics

Model Code	Fan Speed	Nominal Capacity(Btu/h)			Airflow (CFM)	Sound Pressure (dBA)	Sound Power (dBA)
		Cooling	Sensible	Heating			
V36C009S4-4P	High	9,000	6,500	10,000	565	33	51
	Mid	8,500	6,100	9,700	530	31	-
	Low	8,000	5,800	9,400	494	29	-
V36C012S4-4P	High	12,000	9,300	13,500	565	33	51
	Mid	11,400	8,800	13,100	530	31	-
	Low	10,700	8,300	12,600	494	29	-
V36C018S4-4P	High	18,000	12,500	20,000	565	33	51
	Mid	17,000	11,800	19,400	530	31	-
	Low	16,000	11,100	18,700	494	29	-
V36C024S4-4P	High	24,000	16,900	27,000	671	38	56
	Mid	21,200	14,900	25,200	583	35	-
	Low	18,800	13,200	23,600	512	32	-
V36C030S4-4P	High	30,000	21,000	34,000	901	40	58
	Mid	26,900	18,800	31,900	795	38	-
	Low	24,200	16,900	30,100	706	36	-
V36C036S4-4P	High	36,000	25,400	40,000	989	43	60
	Mid	32,600	23,000	37,800	883	40	-
	Low	29,000	20,500	35,500	777	38	-
V36C048S4-4P	High	48,000	32,900	54,000	1112	44	61
	Mid	41,900	28,700	50,000	954	42	-
	Low	37,600	25,800	47,100	848	39	-

 NOTE

- Sound data is based on cooling operation.

Capacity table

360 Cassette

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Model	Outdoor Air Temp. (°F, DB)	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(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)
009	50.0	6.20	5.50	7.40	6.09	8.60	6.50	9.00	6.50	10.00	6.60	10.50	6.50	10.90	6.40
	54.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	10.00	6.60	10.40	6.50	10.70	6.20
	58.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	10.00	6.60	10.40	6.50	10.70	6.20
	60.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	10.00	6.50	10.30	6.40	10.70	6.20
	64.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	9.90	6.50	10.30	6.40	10.70	6.20
	67.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	9.90	6.50	10.30	6.40	10.70	6.20
	70.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	9.90	6.50	10.30	6.40	10.70	6.20
	73.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	9.90	6.50	10.30	6.40	10.70	6.20
	77.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	9.90	6.50	10.30	6.40	10.70	6.20
	80.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	9.90	6.50	10.30	6.40	10.70	6.20
	84.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	9.90	6.50	10.30	6.40	10.70	6.20
	88.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	9.90	6.50	10.30	6.40	10.70	6.20
	92.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	9.90	6.50	10.30	6.40	10.70	6.20
	95.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	9.90	6.50	10.30	6.40	10.70	6.20
	99.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	9.90	6.50	10.30	6.40	10.70	6.10
	103.0	6.20	5.50	7.40	6.10	8.60	6.50	9.00	6.50	9.80	6.30	10.00	6.10	10.30	5.80
	107.0	6.20	5.50	7.40	6.10	8.60	6.50	8.90	6.40	9.60	6.20	9.90	6.00	10.20	5.70
	111.0	6.20	5.50	7.40	6.10	8.40	6.30	8.60	6.20	9.30	6.00	9.50	5.80	9.80	5.50
	115.0	6.20	5.50	7.40	6.00	8.20	6.20	8.40	6.10	9.00	5.80	9.20	5.60	9.50	5.30
	118.0	6.20	5.50	7.30	6.00	8.10	6.10	8.20	5.90	8.80	5.70	8.90	5.40	9.20	5.20
012	120.0	6.10	5.40	7.20	5.90	8.00	6.00	8.10	5.90	8.60	5.60	8.80	5.30	9.00	5.10
	50.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.88	9.40	14.45	9.22
	54.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.86	9.38	14.41	9.17
	58.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.86	9.38	14.41	9.17
	60.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.86	9.38	14.41	9.17
	64.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.86	9.38	14.41	9.17
	67.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.80	9.31	14.23	8.97
	70.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.77	9.28	14.15	8.90
	73.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.77	9.28	14.15	8.90
	77.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.77	9.28	14.15	8.90
	80.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.77	9.28	14.15	8.90
	84.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.77	9.28	14.15	8.90
	88.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.77	9.28	14.15	8.90
	92.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.77	9.28	14.15	8.90
	95.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.26	9.50	13.77	9.28	14.15	8.90
	99.0	8.46	8.03	9.76	8.74	11.58	8.91	12.00	9.30	13.04	9.26	13.54	9.04	14.08	8.81
	103.0	8.46	8.03	9.76	8.74	11.57	8.90	11.98	9.28	12.99	9.21	13.38	8.88	13.76	8.49
	107.0	8.46	8.03	9.76	8.74	11.50	8.84	11.88	9.20	12.83	9.10	13.18	8.75	13.51	8.33
	111.0	8.46	8.03	9.76	8.74	11.19	8.61	11.52	8.92	12.37	8.78	12.68	8.42	13.03	8.03
	115.0	8.45	8.03	9.66	8.65	10.96	8.43	11.17	8.65	11.94	8.47	12.25	8.12	12.62	7.78
018	118.0	8.36	7.94	9.56	8.56	10.80	8.31	10.95	8.48	11.68	8.29	11.93	7.92	12.26	7.56
	120.0	8.29	7.88	9.50	8.50	10.67	8.21	10.85	8.41	11.45	8.13	11.68	7.75	12.00	7.40
	50.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	20.08	12.54	20.95	12.33	21.72	11.95
	54.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	20.06	12.52	20.93	12.31	21.72	11.94
	58.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.91	12.38	20.77	12.15	21.62	11.85
	60.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.91	12.38	20.71	12.09	21.46	11.68
	64.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.91	12.38	20.68	12.07	21.39	11.62
	67.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.91	12.38	20.68	12.07	21.39	11.62
	70.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.91	12.38	20.68	12.07	21.39	11.62
	73.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.91	12.38	20.68	12.07	21.39	11.62
	77.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.91	12.38	20.68	12.07	21.39	11.62
	80.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.91	12.38	20.68	12.07	21.39	11.62
	84.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.91	12.38	20.68	12.07	21.39	11.62
	88.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.91	12.38	20.68	12.07	21.39	11.62
	92.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.91	12.38	20.68	12.07	21.39	11.62
	95.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.91	12.38	20.68	12.07	21.39	11.62
	99.0	12.71	10.47	14.89	11.22	17.37	12.43	18.00	12.50	19.79	12.26	20.56	11.87	21.26	11.28
	103.0	12.71	10.47	14.89	11.22	17.35	12.41	17.97	12.48	19.75	12.23	20.47	11.74	21.09	10.98
	107.0	12.71	10.47	14.89	11.22	17.25	12.34	17.82	12.37	19.52	12.09	20.17	11.57	20.71	10.78
	111.0	12.71	10.47	14.89	11.22	16.78	12.01	17.27	12.00	18.81	11.65	19.40	11.13	19.97	10.39
115.0	12.71	10.47	14.74	11.11	16.44	11.77	16.75	11.64	18.15	11.25	18.73	10.74	19.34	10.06	
118.0	12.57	10.35	14.59	10.99	16.20	11.59	16.42	11.41	17.76	11.00	18.25	10.47	18.80	9.78	
120.0	12.47	10.27	14.49	10.91	16.01	11.46	16.27	11.30	17.41	10.79	17.87	10.25	18.40	9.57	

Capacity table

360 Cassette

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Model	Outdoor Air Temp. (°F, DB)	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(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)
024	50.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.90	17.30	28.00	17.10	29.00	16.60
	54.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.70	17.10	27.80	16.90	28.90	16.50
	58.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.70	17.10	27.80	16.90	28.80	16.50
	60.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.70	17.10	27.70	16.90	28.70	16.50
	64.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.70	17.10	27.70	16.90	28.60	16.50
	67.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.60	17.10	27.70	16.90	28.60	16.50
	70.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.60	17.10	27.70	16.90	28.60	16.50
	73.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.60	17.10	27.70	16.90	28.60	16.50
	77.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.60	17.10	27.70	16.90	28.60	16.50
	80.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.60	17.10	27.70	16.90	28.60	16.50
	84.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.60	17.10	27.70	16.90	28.60	16.50
	88.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.60	17.10	27.70	16.90	28.60	16.50
	92.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.60	17.10	27.70	16.90	28.60	16.50
	95.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.60	17.10	27.70	16.90	28.60	16.50
	99.0	16.80	13.70	19.70	15.30	23.20	16.50	24.00	16.90	26.30	16.70	27.20	16.50	28.00	16.10
	103.0	16.80	13.70	19.70	15.30	23.10	16.50	24.00	16.90	26.00	16.50	26.80	16.20	27.50	15.80
	107.0	16.80	13.70	19.70	15.30	23.00	16.40	23.80	16.70	25.70	16.30	26.40	15.90	27.00	15.50
	111.0	16.80	13.70	19.70	15.30	22.40	16.00	23.00	16.20	24.80	15.70	25.40	15.30	26.10	14.90
	115.0	16.80	13.60	19.50	15.10	21.90	15.60	22.30	15.70	23.90	15.20	24.50	14.80	25.30	14.50
	118.0	16.60	13.50	19.30	14.90	21.60	15.40	21.90	15.40	23.40	14.80	23.90	14.40	24.50	14.10
030	120.0	16.50	13.40	19.20	14.80	21.40	15.20	21.70	15.30	22.90	14.60	23.40	14.10	24.00	13.80
	50.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.64	21.06	35.06	21.03	36.36	20.96
	54.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.57	21.00	35.00	20.97	36.32	20.92
	58.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.30	20.82	34.73	20.70	36.04	20.65
	60.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.30	20.82	34.72	20.70	36.02	20.65
	64.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.30	20.82	34.63	20.62	35.78	20.43
	67.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.30	20.82	34.62	20.61	35.75	20.40
	70.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.30	20.82	34.62	20.61	35.75	20.40
	73.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.30	20.82	34.62	20.61	35.75	20.40
	77.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.30	20.82	34.62	20.61	35.75	20.40
	80.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.30	20.82	34.62	20.61	35.75	20.40
	84.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.30	20.82	34.62	20.61	35.75	20.40
	88.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.30	20.82	34.62	20.61	35.75	20.40
	92.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.30	20.82	34.62	20.61	35.75	20.40
	95.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.00	33.30	20.82	34.62	20.61	35.75	20.40
	99.0	21.08	17.30	24.59	18.90	28.80	20.95	30.00	21.02	32.98	20.53	34.10	20.23	35.03	20.02
	103.0	21.08	17.30	24.59	18.90	28.76	20.95	29.95	21.17	32.42	20.19	33.42	19.87	34.33	19.64
	107.0	21.08	17.30	24.59	18.90	28.59	20.83	29.69	20.99	32.04	19.95	32.93	19.58	33.71	19.29
	111.0	21.08	17.30	24.59	18.90	27.83	20.27	28.79	20.35	30.88	19.24	31.67	18.83	32.50	18.60
	115.0	21.07	17.28	24.34	18.71	27.26	19.86	27.92	19.74	29.80	18.57	30.58	18.18	31.48	18.01
036	118.0	20.85	17.10	24.09	18.52	26.85	19.56	27.37	19.35	29.15	18.16	29.80	17.72	30.59	17.50
	120.0	20.68	16.96	23.92	18.38	26.54	19.33	27.12	19.18	28.59	17.82	29.18	17.35	29.94	17.13
	50.0	25.25	20.75	29.50	22.79	34.60	25.26	36.00	25.40	40.15	25.47	41.90	25.47	43.51	25.47
	54.0	25.25	20.75	29.50	22.79	34.60	25.26	36.00	25.40	40.14	25.46	41.88	25.45	43.48	25.43
	58.0	25.25	20.75	29.50	22.79	34.60	25.26	36.00	25.40	40.03	25.38	41.72	25.28	43.19	25.16
	60.0	25.25	20.75	29.50	22.79	34.60	25.26	36.00	25.40	40.03	25.38	41.72	25.28	43.19	25.16
	64.0	25.25	20.75	29.50	22.79	34.60	25.26	36.00	25.40	39.89	25.38	41.48	25.19	42.90	24.89
	67.0	25.25	20.75	29.50	22.79	34.60	25.26	36.00	25.40	39.87	25.38	41.45	25.18	42.86	24.86
	70.0	25.25	20.75	29.50	22.79	34.60	25.26	36.00	25.40	39.87	25.38	41.45	25.18	42.86	24.86
	73.0	25.25	20.75	29.50	22.79	34.60	25.26	36.00	25.40	39.87	25.38	41.45	25.18	42.86	24.86
	77.0	25.25	20.75	29.50	22.79	34.60	25.26	36.00	25.40	39.87	25.38	41.45	25.18	42.86	24.86
	80.0	25.25	20.75	29.50	22.79	34.60	25.26	36.00	25.40	39.87	25.38	41.45	25.18	42.86	24.86
	84.0	25.25	20.75	29.50	22.79	34.60	25.26	36.00	25.40	39.87	25.38	41.45	25.18	42.86	24.86
	88.0	25.25	20.73	29.50	22.78	34.60	25.26	36.00	25.40	39.87	25.38	41.45	25.18	42.86	24.86
	92.0	25.25	20.52	29.50	22.56	34.60	25.26	36.00	25.40	39.87	25.38	41.45	25.18	42.86	24.86
	95.0	25.25	20.52	29.50	22.56	34.60	25.26	36.00	25.40	39.87	25.38	41.45	25.18	42.86	24.86
	99.0	25.25	20.52	29.50	22.56	34.60	25.27	36.00	25.43	39.56	25.10	40.91	24.79	42.11	24.48
	103.0	25.25	20.52	29.50	22.56	34.56	25.27	35.94	25.60	38.94	24.74	40.10	24.41	41.17	24.08
	107.0	25.25	20.52	29.50	22.56	34.35	25.12	35.63	25.38	38.48	24.45	39.51	24.05	40.43	23.65
	111.0	25.25	20.52	29.50	22.56	33.43	24.45	34.55	24.61	37.09	23.57	38.00	23.14	38.98	22.80
115.0	25.23	20.50	29.20	22.34	32.75	23.95	33.50	23.87	35.79	22.75	36.70	22.34	37.75	22.09	
118.0	24.96	20.29	28.90	22.10	32.26	23.59	32.84	23.40	35.01	22.26	35.76	21.77	36.68	21.46	
120.0	24.76	20.12	28.70	21.95	31.89	23.32	32.54	23.19	34.34	21.83	35.02	21.32	35.91	21.01	

Capacity table

360 Cassette

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Model	Outdoor Air Temp. (°F, DB)	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)	
048		TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)
	50.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.75	32.86	56.05	32.97	58.15	33.37
	54.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.38	33.11	55.69	33.12	57.80	33.13
	58.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.38	33.12	55.66	33.10	57.74	33.07
	60.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.39	33.12	55.62	33.05	57.57	32.90
	64.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.16	32.90	55.37	32.81	57.48	32.81
	67.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.13	32.87	55.26	32.70	57.25	32.58
	70.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.13	32.87	55.23	32.67	57.16	32.49
	73.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.13	32.87	55.23	32.67	57.16	32.49
	77.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.13	32.87	55.23	32.67	57.16	32.49
	80.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.13	32.87	55.23	32.67	57.16	32.49
	84.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.13	32.87	55.23	32.67	57.16	32.49
	88.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.13	32.87	55.23	32.67	57.16	32.49
	92.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.13	32.87	55.23	32.67	57.16	32.49
	95.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	53.13	32.87	55.23	32.67	57.16	32.49
	99.0	33.93	26.56	39.47	29.13	46.11	32.48	48.00	32.90	52.82	32.59	54.67	32.17	56.37	31.77
	103.0	33.93	26.56	39.47	29.13	46.06	32.44	47.92	32.83	51.94	32.11	53.48	31.67	54.98	31.08
	107.0	33.93	26.56	39.47	29.13	45.78	32.25	47.51	32.55	51.33	31.74	52.69	31.21	53.99	30.52
	111.0	33.93	26.56	39.47	29.13	44.56	31.38	46.06	31.56	49.48	30.59	50.68	30.02	52.05	29.42
	115.0	33.90	26.54	39.07	28.83	43.65	30.74	44.67	30.61	47.75	29.52	48.93	28.98	50.42	28.50
	118.0	33.54	26.26	38.66	28.53	42.99	30.28	43.79	30.01	46.71	28.89	47.69	28.25	48.99	27.69
120.0	33.27	26.05	38.39	28.33	42.50	29.93	43.39	29.74	45.81	28.33	46.70	27.66	47.96	27.11	

Capacity table

360 Cassette

Heating

TC : Total Capacity

Model	Outdoor Air Temp. (°F)		Indoor temperature (°F)				
	DB	WB	61 (16.1°C, DB)	65 (18.3°C, DB)	70 (21.1°C, DB)	72 (22.2°C, DB)	75 (23.9°C, DB)
			TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)
009	-12.6	-13.0	5.60	5.60	5.60	5.70	5.90
	-7.1	-7.6	6.00	6.00	6.00	6.00	6.10
	-3.6	-4.0	6.20	6.20	6.20	6.20	6.20
	-1.8	-2.2	6.30	6.30	6.30	6.30	6.30
	2.0	1.0	6.60	6.60	6.60	6.50	6.40
	6.0	5.0	6.90	6.80	6.60	6.60	6.40
	10.0	9.0	7.20	7.20	7.00	7.00	6.80
	13.0	12.0	7.60	7.60	7.50	7.50	7.30
	17.0	15.0	8.10	8.00	7.80	7.80	7.60
	19.0	18.0	8.60	8.30	8.10	8.00	7.80
	23.0	21.0	8.90	8.70	8.50	8.40	8.20
	26.0	24.0	9.40	9.20	8.90	8.70	8.50
	30.0	28.0	9.80	9.50	9.20	8.90	8.70
	35.0	32.0	10.00	9.70	9.40	9.10	8.80
	39.0	36.0	10.30	10.10	9.50	9.20	9.00
	44.0	40.0	10.90	10.50	9.80	9.40	9.00
	47.0	43.0	11.10	10.70	10.00	9.60	9.00
	51.0	47.0	11.60	10.80	10.00	9.60	9.00
	54.0	50.0	11.80	10.90	10.00	9.60	9.00
	57.0	53.0	11.90	11.00	10.00	9.60	9.00
	60.0	56.0	12.10	11.00	10.00	9.60	9.00
012	-12.6	-13.0	7.36	7.82	7.54	7.59	8.05
	-7.1	-7.6	8.04	8.18	7.89	7.92	8.09
	-3.6	-4.0	8.48	8.41	8.13	8.13	8.11
	-1.8	-2.2	8.71	8.53	8.25	8.24	8.12
	2.0	1.0	9.17	8.80	8.51	8.48	8.19
	6.0	5.0	9.51	9.14	8.85	8.80	8.54
	10.0	9.0	9.75	9.43	9.21	9.07	9.02
	13.0	12.0	10.09	10.00	9.81	9.66	9.64
	17.0	15.0	10.48	10.45	10.23	10.12	10.00
	19.0	18.0	10.89	10.82	10.54	10.50	10.22
	23.0	21.0	11.42	11.16	10.94	10.79	10.50
	26.0	24.0	11.84	11.67	11.29	11.10	10.82
	30.0	28.0	12.33	12.25	11.77	11.56	11.14
	35.0	32.0	12.83	12.70	12.24	11.98	11.50
	39.0	36.0	13.34	13.03	12.63	12.28	12.00
	44.0	40.0	13.85	13.78	13.07	12.65	12.04
	47.0	43.0	14.45	14.36	13.50	12.92	12.07
	51.0	47.0	14.91	14.44	13.50	12.92	12.07
	54.0	50.0	15.48	14.66	13.50	12.92	12.07
	57.0	53.0	15.75	14.68	13.50	12.92	12.07
	60.0	56.0	16.06	14.90	13.50	12.92	12.07
018	-12.6	-13.0	12.35	11.78	11.65	11.65	11.65
	-7.1	-7.6	12.72	12.35	12.08	12.02	12.02
	-3.6	-4.0	12.97	12.73	12.36	12.26	12.26
	-1.8	-2.2	13.09	12.92	12.50	12.38	12.38
	2.0	1.0	13.40	13.31	12.81	12.64	12.60
	6.0	5.0	13.96	13.68	13.20	13.01	12.72
	10.0	9.0	14.46	14.10	13.79	13.67	13.38
	13.0	12.0	15.12	14.89	14.54	14.39	14.31
	17.0	15.0	15.70	15.46	15.15	14.96	14.78
	19.0	18.0	16.23	15.90	15.69	15.47	15.02
	23.0	21.0	16.97	16.60	16.26	16.03	15.48
	26.0	24.0	17.66	17.31	16.92	16.59	16.08
	30.0	28.0	18.40	18.04	17.55	17.15	16.54
	35.0	32.0	19.05	18.75	18.14	17.72	16.97
	39.0	36.0	19.61	19.56	18.85	18.44	17.68
	44.0	40.0	20.69	20.43	19.48	18.81	17.72
	47.0	43.0	21.52	21.24	20.00	19.09	17.75
	51.0	47.0	22.34	21.57	20.00	19.09	17.75
	54.0	50.0	22.94	21.75	20.00	19.09	17.75
	57.0	53.0	23.40	21.99	20.00	19.09	17.75
	60.0	56.0	24.01	22.27	20.00	19.09	17.75

Capacity table

360 Cassette

Heating

TC : Total Capacity

Model	Outdoor Air Temp. (°F)		Indoor temperature (°F)				
	DB	WB	61 (16.1°C, DB)	65 (18.3°C, DB)	70 (21.1°C, DB)	72 (22.2°C, DB)	75 (23.9°C, DB)
			TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)
024	-12.6	-13.0	16.20	16.60	16.20	16.00	16.10
	-7.1	-7.6	16.90	17.00	16.50	16.40	16.40
	-3.6	-4.0	17.30	17.20	16.80	16.60	16.60
	-1.8	-2.2	17.60	17.40	16.90	16.70	16.70
	2.0	1.0	18.10	17.70	17.20	17.00	16.90
	6.0	5.0	18.80	18.40	17.70	17.40	17.10
	10.0	9.0	19.50	19.10	18.60	18.30	18.10
	13.0	12.0	20.40	20.10	19.60	19.40	19.30
	17.0	15.0	21.20	20.80	20.30	20.10	20.00
	19.0	18.0	21.80	21.40	20.90	20.70	20.50
	23.0	21.0	22.60	22.50	21.90	21.50	21.00
	26.0	24.0	23.80	23.50	22.70	22.20	21.60
	30.0	28.0	24.80	24.40	23.60	23.00	22.30
	35.0	32.0	25.70	25.30	24.40	23.80	23.00
	39.0	36.0	26.70	26.30	25.30	24.90	24.10
	44.0	40.0	28.00	27.60	26.30	25.30	24.10
	47.0	43.0	28.90	28.50	27.00	25.90	24.20
	51.0	47.0	30.00	28.90	27.00	25.90	24.20
	54.0	50.0	30.70	29.40	27.00	25.90	24.20
	57.0	53.0	31.50	29.60	27.00	25.90	24.20
030	60.0	56.0	32.20	29.90	27.00	25.90	24.20
	-12.6	-13.0	19.64	19.69	19.66	19.56	20.00
	-7.1	-7.6	20.71	20.69	20.37	20.23	20.40
	-3.6	-4.0	21.42	21.36	20.84	20.68	20.66
	-1.8	-2.2	21.77	21.69	21.08	20.90	20.79
	2.0	1.0	22.62	22.40	21.58	21.36	21.08
	6.0	5.0	23.90	23.15	22.18	21.84	21.55
	10.0	9.0	24.66	24.15	23.31	23.08	22.80
	13.0	12.0	25.63	25.22	24.63	24.46	24.37
	17.0	15.0	26.64	26.24	25.67	25.42	25.20
	19.0	18.0	27.66	27.27	26.58	26.20	25.65
	23.0	21.0	28.78	28.40	27.56	27.05	26.48
	26.0	24.0	30.04	29.65	28.76	28.16	27.24
	30.0	28.0	31.28	30.88	29.90	29.19	28.06
	35.0	32.0	32.33	31.94	30.85	30.07	28.94
	39.0	36.0	33.42	33.02	31.94	31.16	30.02
	44.0	40.0	35.40	34.67	33.13	31.90	30.10
	47.0	43.0	36.65	35.90	34.00	32.44	30.16
	51.0	47.0	37.86	36.59	34.00	32.44	30.16
	54.0	50.0	38.80	37.10	34.00	32.44	30.16
036	57.0	53.0	39.62	37.35	34.00	32.44	30.16
	60.0	56.0	40.81	37.85	34.00	32.44	30.16
	-12.6	-13.0	22.07	22.81	23.12	23.29	23.75
	-7.1	-7.6	23.82	24.07	23.95	23.97	24.14
	-3.6	-4.0	24.99	24.90	24.50	24.43	24.41
	-1.8	-2.2	25.57	25.32	24.77	24.66	24.54
	2.0	1.0	26.84	26.22	25.38	25.15	24.84
	6.0	5.0	28.18	27.20	26.19	25.82	25.37
	10.0	9.0	29.11	28.37	27.42	27.10	26.77
	13.0	12.0	30.30	29.66	29.03	28.81	28.60
	17.0	15.0	31.39	30.85	30.19	29.92	29.59
	19.0	18.0	32.44	32.00	31.12	30.73	30.16
	23.0	21.0	33.76	33.33	32.28	31.74	31.03
	26.0	24.0	35.23	34.82	33.77	33.09	32.08
	30.0	28.0	36.80	36.31	35.21	34.33	33.09
	35.0	32.0	38.15	37.56	36.38	35.39	34.09
	39.0	36.0	39.42	38.80	37.57	36.68	35.52
	44.0	40.0	41.52	40.93	39.03	37.63	35.63
	47.0	43.0	43.19	42.38	40.00	38.18	35.69
	51.0	47.0	44.67	43.09	40.00	38.18	35.69
	54.0	50.0	45.79	43.62	40.00	38.18	35.69
	57.0	53.0	46.64	44.02	40.00	38.18	35.69
	60.0	56.0	47.85	44.56	40.00	38.18	35.69

Capacity table

360 Cassette

Heating

TC : Total Capacity

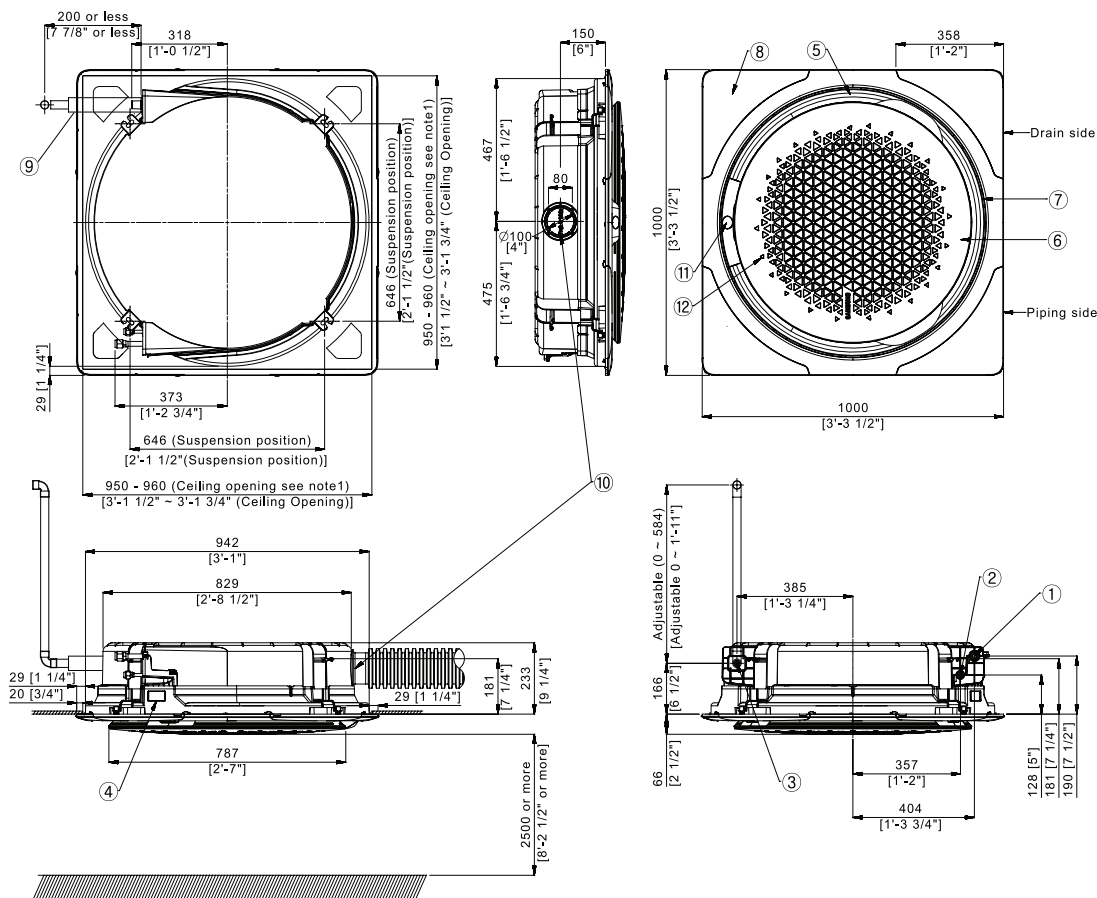
Model	Outdoor Air Temp. (°F)		Indoor temperature (°F)				
			61 (16.1°C, DB)	65 (18.3°C, DB)	70 (21.1°C, DB)	72 (22.2°C, DB)	75 (23.9°C, DB)
	DB	WB	TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)
048	-12.6	-13.0	30.07	31.26	31.88	31.93	32.14
	-7.1	-7.6	32.17	32.58	32.62	32.62	32.54
	-3.6	-4.0	33.57	33.46	33.12	33.08	32.80
	-1.8	-2.2	34.26	33.90	33.37	33.32	32.93
	2.0	1.0	35.83	34.96	33.99	33.83	33.22
	6.0	5.0	37.79	36.68	35.25	34.69	33.84
	10.0	9.0	39.05	38.19	37.10	36.65	35.81
	13.0	12.0	40.65	40.11	39.25	38.96	38.33
	17.0	15.0	42.13	41.58	40.75	40.38	39.72
	19.0	18.0	43.54	42.84	41.95	41.39	40.56
	23.0	21.0	45.47	44.71	43.47	42.77	41.91
	26.0	24.0	47.64	46.86	45.37	44.49	43.29
	30.0	28.0	49.61	48.83	47.17	46.10	44.55
	35.0	32.0	51.25	50.49	48.73	47.57	45.87
	39.0	36.0	53.12	52.36	50.60	49.44	47.75
	44.0	40.0	55.97	55.10	52.42	50.58	47.88
	47.0	43.0	58.12	56.98	54.00	51.64	48.00
	51.0	47.0	60.11	57.95	54.00	51.64	48.00
	54.0	50.0	61.65	58.52	54.00	51.64	48.00
	57.0	53.0	63.02	59.24	54.00	51.64	48.00
	60.0	56.0	64.54	59.81	54.00	51.64	48.00

Dimensional drawing

360 CASSETTE (Square)

V36C009S4-4P, V36C012S4-4P, V36C018S4-4P, V36C024S4-4P

Units : mm / inches



Note

1. Make sure the spacing between the ceiling and the cassette is no more than 10mm[3/8"].
 2. When the conditions exceed 30°C[86°F] and RH 80% in the ceiling or fresh air is inducted into the ceiling, and additional insulation is required (polyethylene foam, thickness 10mm[3/8"] or more)
 3. Square panel code : PC4NUDMAN, PC4NUDMUN (White), PC4NBDMAN, PC4NBDMUN (Black)
- Weight [lbs] : 7.94 (Net), 13.23 (Shipping) - Dimensions (W x H x D) [inch] : 39.37 x 2.60 x 39.37 (Net), 43.03 x 3.35 x 42.64 (Shipping)

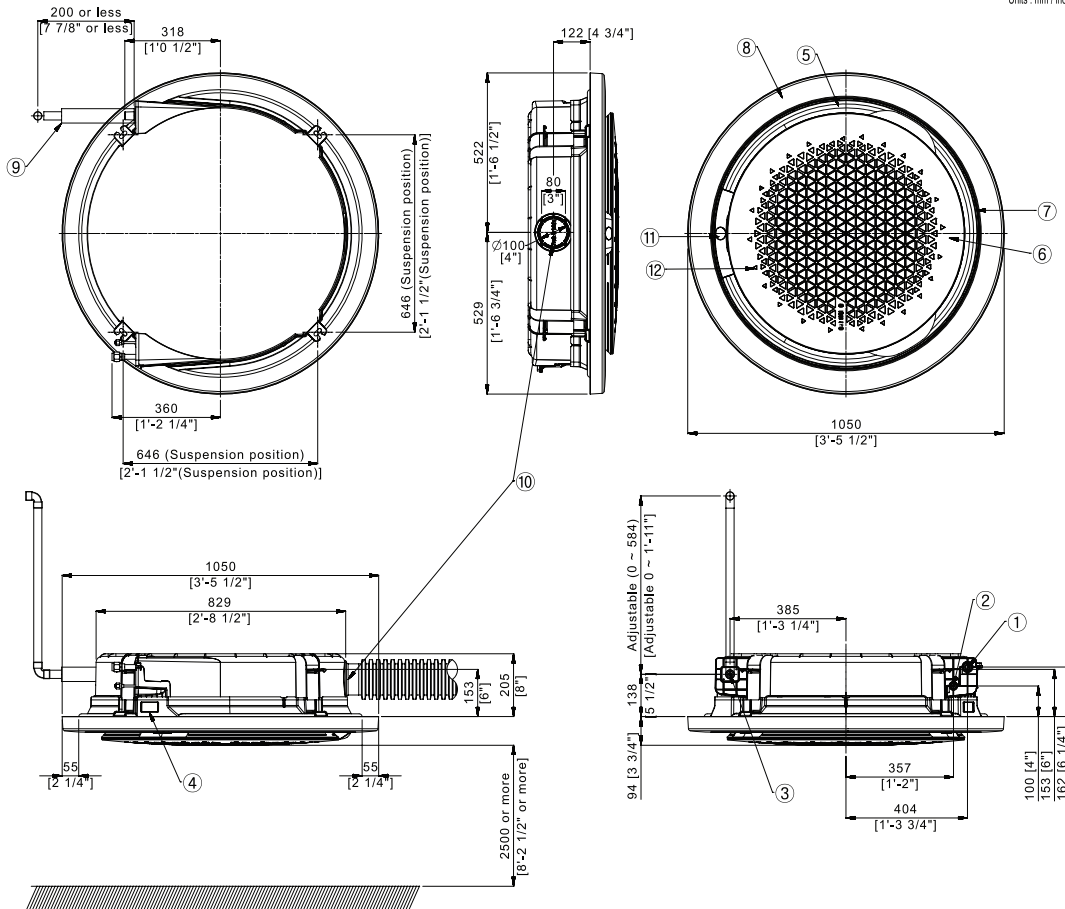
Table of descriptions			
1	Refrigerant gas pipe	7	Suction rim for Booster fan
2	Refrigerant liquid pipe	8	Decoration cover
3	Condensate drain	9	Drain hose
4	Power & Comm. wiring conduits	10	Fresh air intake knock out hole
5	Air discharge opening	11	Display window
6	Air suction grille	12	Infrared receiver

Dimensional drawing

360 Cassette (Circle)

V36C009S4-4P, V36C012S4-4P, V36C018S4-4P, V36C024S4-4P

Units : mm / inches



Note

1. Make sure the spacing between the ceiling and the cassette is no more than 10mm[3/8"].
2. When the conditions exceed 30℃[86°F] and RH 80% in the ceiling or fresh air is inducted into the ceiling, and additional insulation is required (polyethylene foam, thickness 10mm[3/8"] or more)
3. Circular panel code : PC4NUNMAN, PC4NUNMUN (White), PC4NBNMAN, PC4NBNMUN (Black)
- Weight [lbs] : 5.95 (Net), 11.24 (Shipping) - Dimensions (W x H x D) [inch] : 41.34 x 3.70 x 41.34 (Net), 43.03 x 3.35 x 42.64 (Shipping)

※ When installing the circular panel on the ceiling, make sure to install 2 or more inspection holes for the maintenance.

(For further information, please refer to the installation manual.)

4. The circular panel is by default available in exposed installation.
5. Make inspection holes on the ceiling for easier installation and maintenance, as shown in the following table.
(The size of an inspection hole must be at least 450 mm x 450 mm.)
6. A suspended ceiling structure can substitute for the inspection holes.

Category	Inspection hole		
	Recessed installation		Exposed installation
	Integrated	Suspended	
Square panel	1 ea		
Circular panel	2 ea		

Table of descriptions

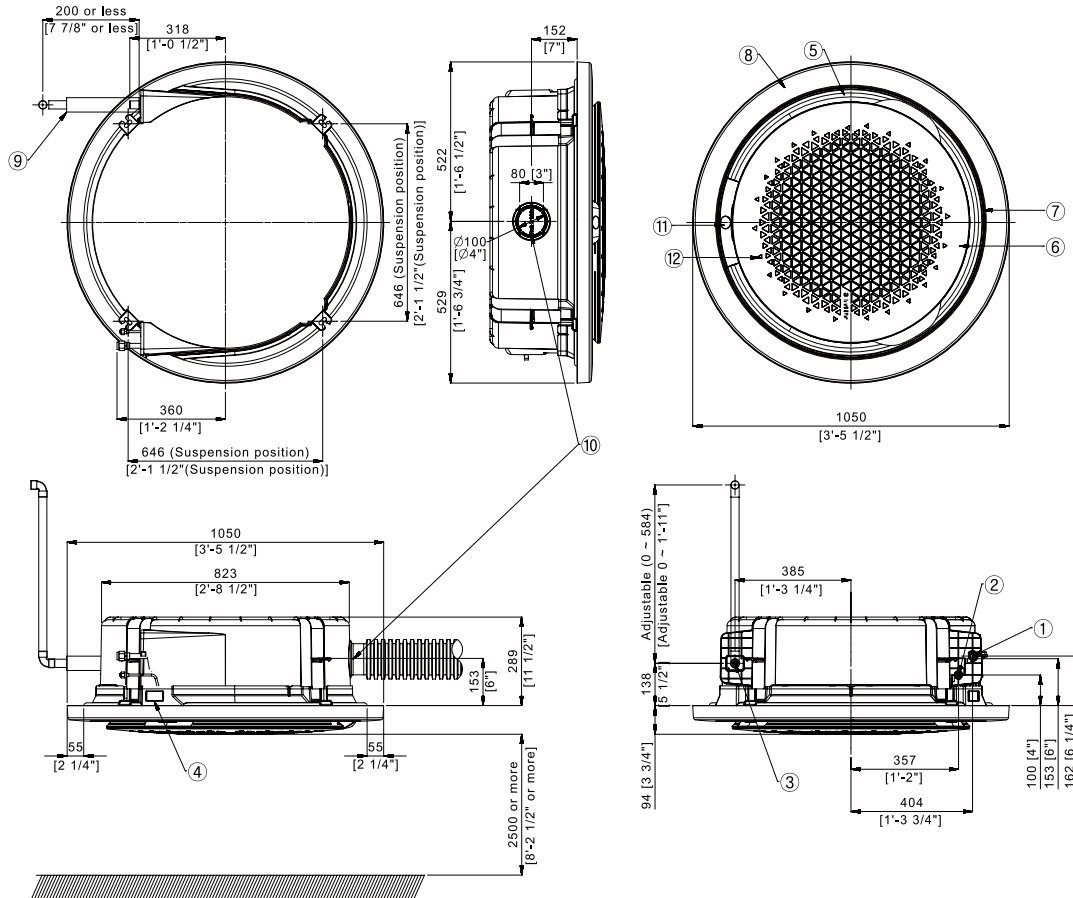
1	Refrigerant gas pipe	7	Suction rim for Booster fan
2	Refrigerant liquid pipe	8	Decoration cover
3	Condensate drain	9	Drain hose
4	Power & Comm. wiring conduits	10	Fresh air intake knock out hole
5	Air discharge opening	11	Display window
6	Air suction grille	12	Infrared receiver

Dimensional drawing

360 Cassette (Circle)

V36C030S4-4P, V36C036S4-4P, V36C048S4-4P

Units : mm / inches



Note

1. Make sure the spacing between the ceiling and the cassette is no more than 10mm[3/8"].
2. When the conditions exceed 30 °C[86 °F] and RH 80% in the ceiling or fresh air is inducted into the ceiling, and additional insulation is required (polyethylene foam, thickness 10mm[3/8"] or more).
3. Circular panel code : PC4NUNMAN, PC4NUNMUN (White), PC4NBNMAN, PC4NBNMUN (Black)
 - Weight [lbs] : 5.95 (Net), 11.24 (Shipping) - Dimensions (W x H x D) [inch] : 41.34 x 3.70 x 41.34 (Net), 43.03 x 3.35 x 42.64 (Shipping)
 ※ When installing the circular panel on the ceiling, make sure to install 2 or more inspection holes for the maintenance.
 (For further information, please refer to the installation manual.)
4. The circular panel is by default available in exposed installation.
5. Make inspection holes on the ceiling for easier installation and maintenance, as shown in the following table.
 (The size of an inspection hole must be at least 450 mm x 450 mm.)
6. A suspended ceiling structure can substitute for the inspection holes.

Category	Inspection hole		
	Recessed installation		Exposed installation
	Integrated	Suspended	
Square panel	1 ea		
Circular panel	2 ea		

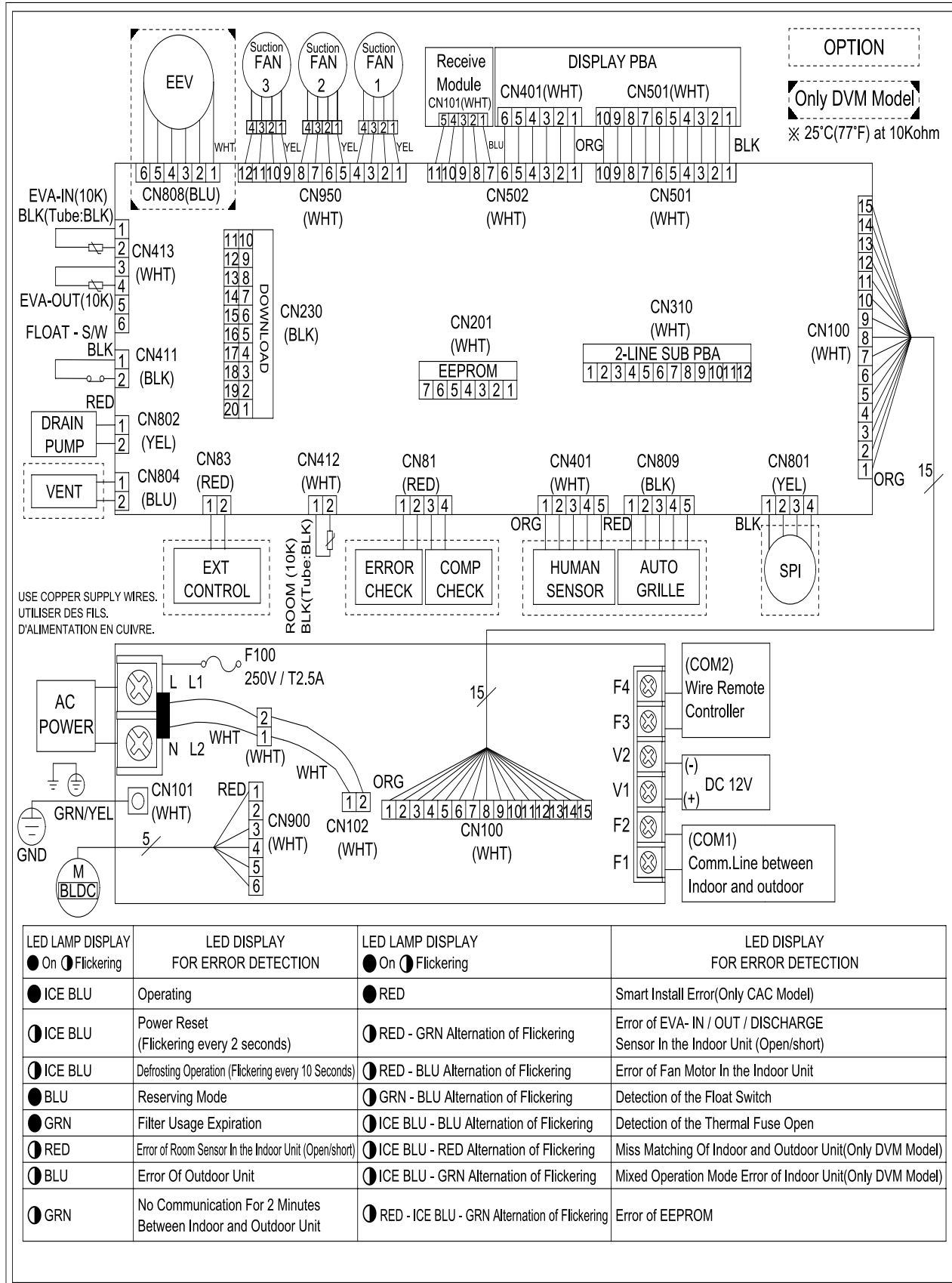
Table of descriptions

1	Refrigerant gas pipe	7	Suction rim for Booster fan
2	Refrigerant liquid pipe	8	Decoration cover
3	Condensate drain	9	Drain hose
4	Power & Comm. wiring conduits	10	Fresh air intake knock out hole
5	Air discharge opening	11	Display window

Electrical wiring diagram

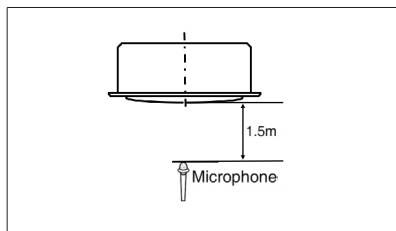
360 Cassette

V36C009S4-4P, V36C012S4-4P, V36C018S4-4P, V36C024S4-4P, V36C030S4-4P, V36C036S4-4P, V36C048S4-4P



Sound pressure level

360 Cassette



Unit: dB(A)

Model	High	Low
V36C009S4-4P	33.0	29.0
V36C012S4-4P	33.0	29.0
V36C018S4-4P	33.0	29.0
V36C024S4-4P	38.0	32.0

Note

* Specifications may be subject to change without prior notice

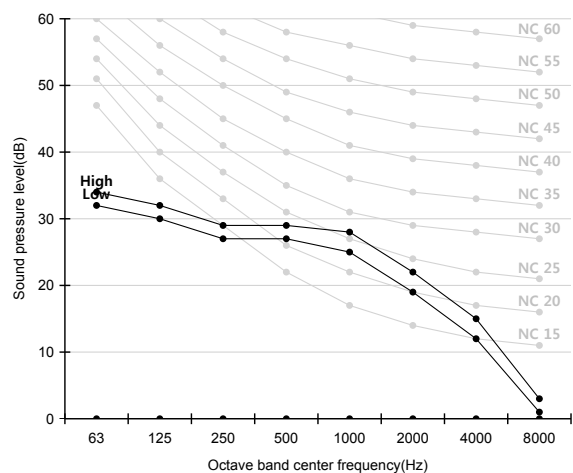
1) These operation values were obtained in an anechoic room.

2) Sound pressure level will vary depending on a range of factors such as the construction of the particular room

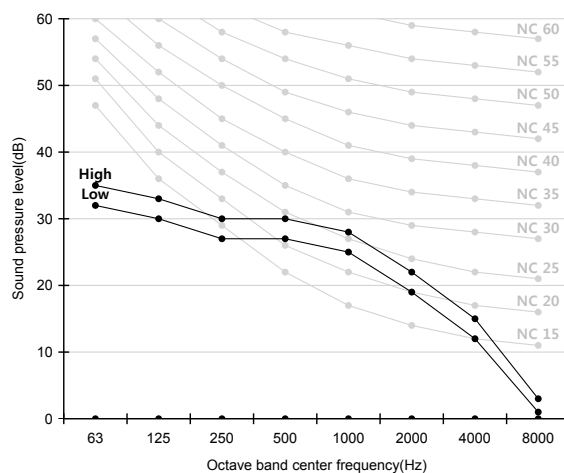
3) Operation sound level may differ depending on operation and ambient conditions.

NC curve

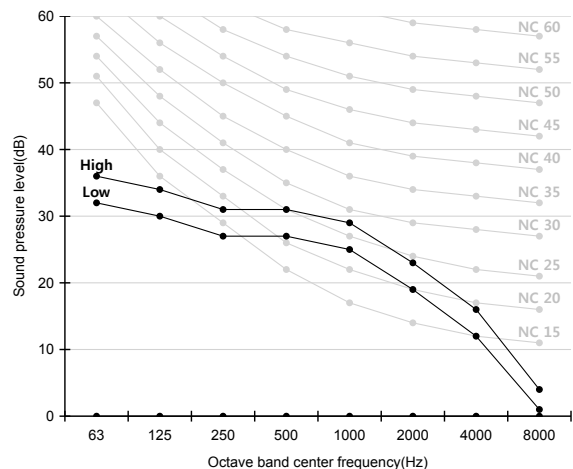
1) V36C009S4-4P



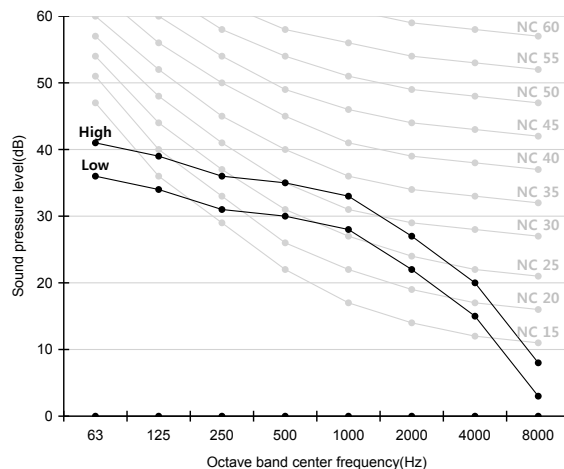
2) V36C012S4-4P



3) V36C018S4-4P

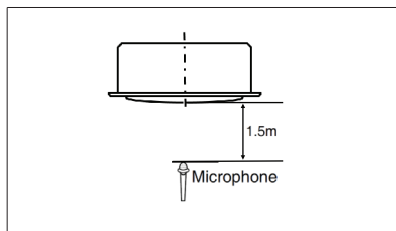


4) V36C024S4-4P



Sound pressure level

360 Cassette



Unit: dB(A)

Model	High	Low
V36C030S4-4P	40.0	36.0
V36C036S4-4P	43.0	38.0
V36C048S4-4P	44.0	39.0

Note

* Specifications may be subject to change without prior notice

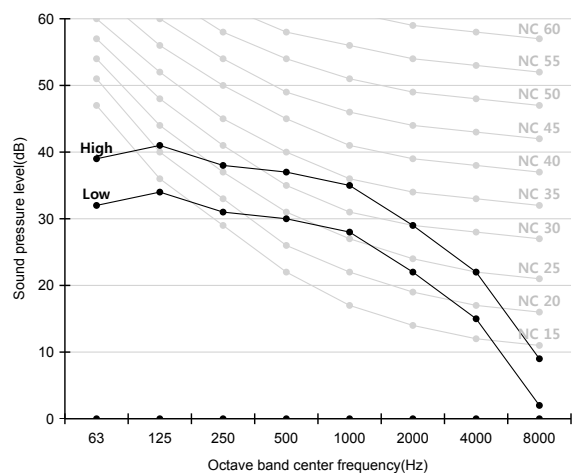
1) These operation values were obtained in an anechoic room.

2) Sound pressure level will vary depending on a range of factors such as the construction of the particular room

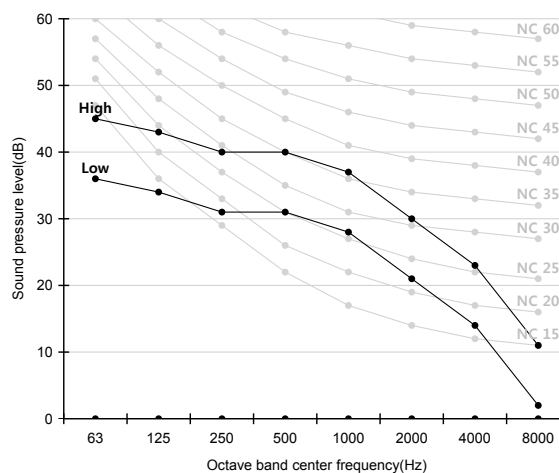
3) Operation sound level may differ depending on operation and ambient conditions.

NC curve

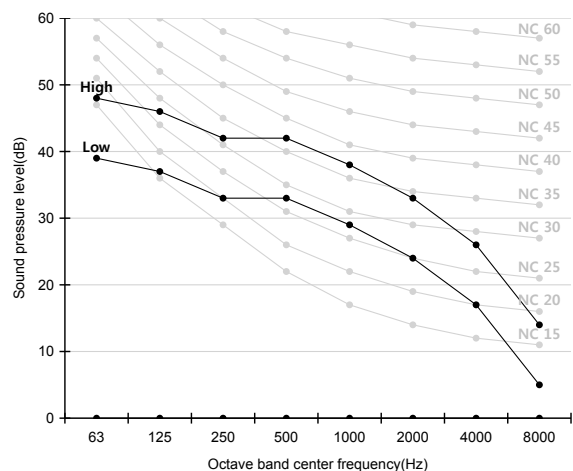
1) V36C030S4-4P



2) V36C036S4-4P



3) V36C048S4-4P



Sound power level

360 Cassette

Note

* Specifications may be subject to change

1) dBA = A-weighted sound power level.

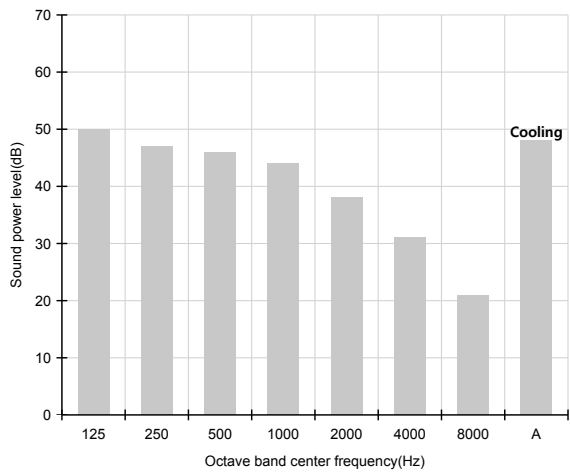
2) Reference power : 1pW.

3) Measured according to ISO 3741.

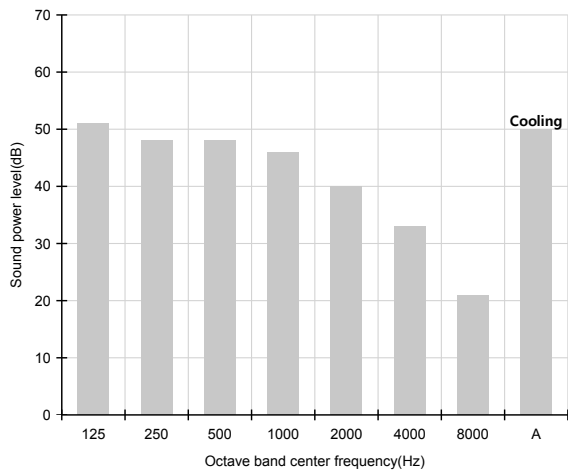
Unit: dB(A)

Model	Power
V36C009S4-4P	51
V36C012S4-4P	51
V36C018S4-4P	51
V36C024S4-4P	56

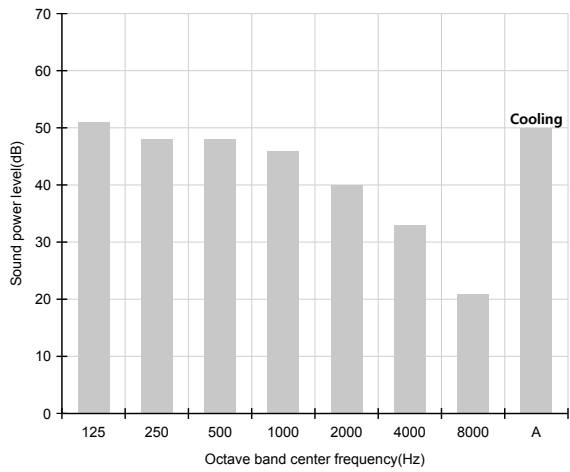
1)V36C009S4-4P



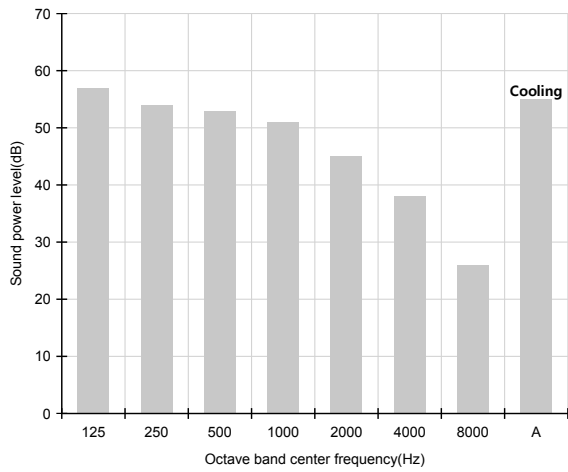
2)V36C012S4-4P



3)V36C018S4-4P



4)V36C024S4-4P



Sound power level

360 Cassette

Note

* Specifications may be subject to change

1) dBA = A-weighted sound power level.

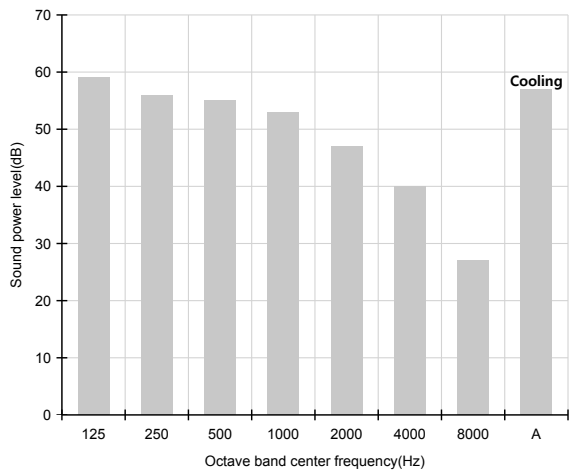
2) Reference power : 1pW.

3) Measured according to ISO 3741.

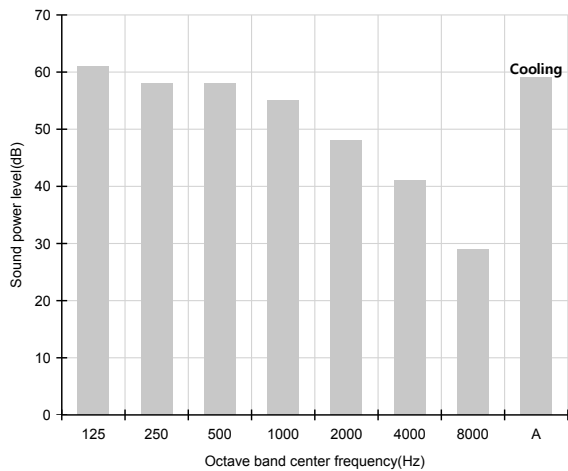
Unit: dB(A)

Model	Power
V36C030S4-4P	58
V36C036S4-4P	60
V36C048S4-4P	61

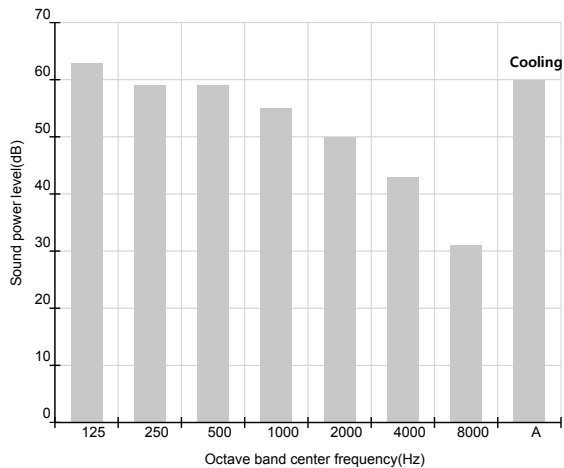
1)V36C030S4-4P



2)V36C036S4-4P



3)V36C048S4-4P



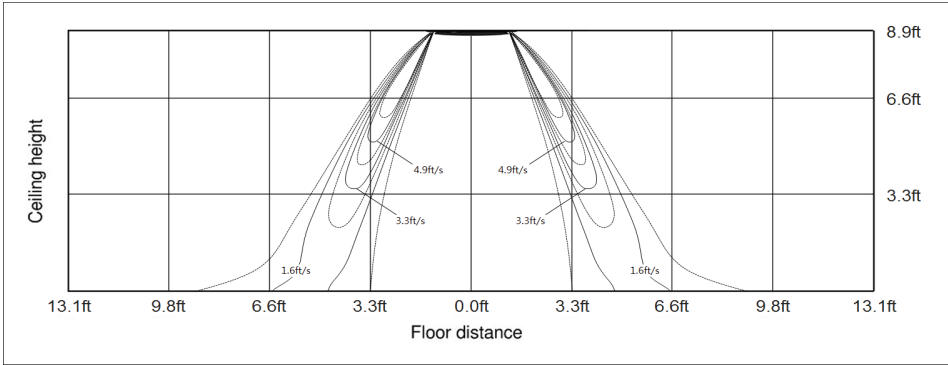
Temperature and air flow distribution

360 Cassette

V36C009S4-4P

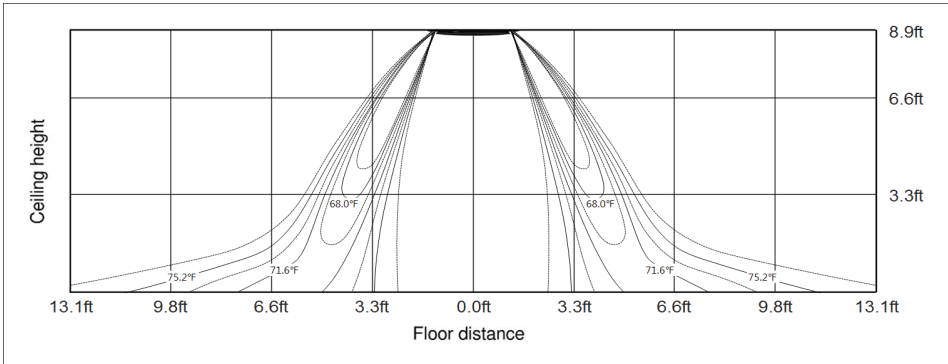
(1) Cooling air velocity distribution

Discharge angle : 60 degree



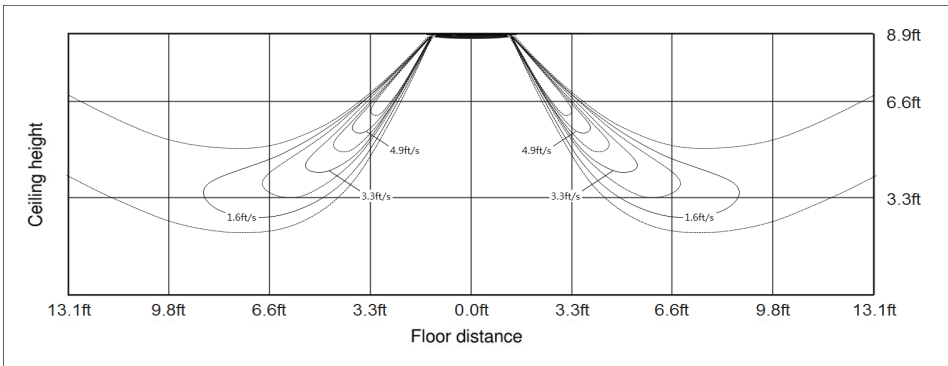
(2) Cooling temperature distribution

Discharge angle : 60 degree



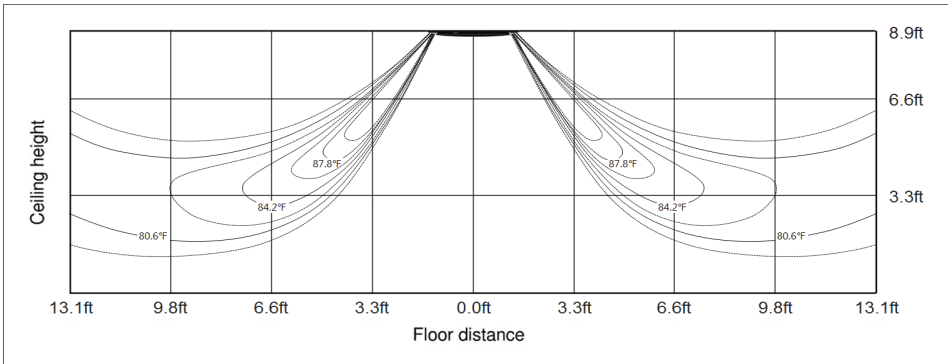
(3) Heating air velocity distribution

Discharge angle : 60 degree



(4) Heating temperature distribution

Discharge angle : 60 degree



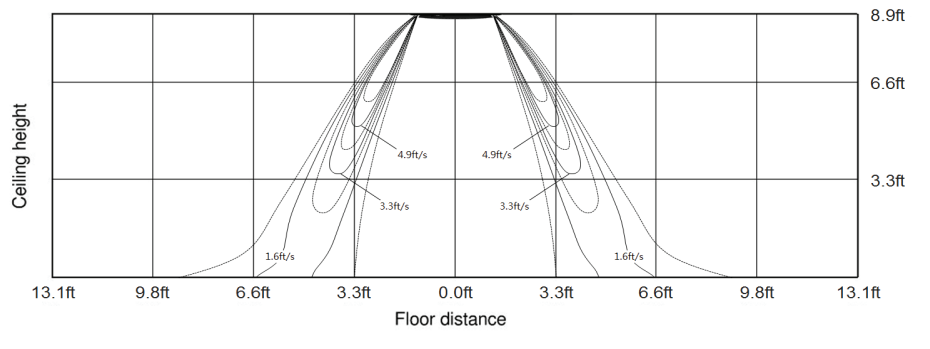
Temperature and air flow distribution

360 Cassette

V36C012S4-4P

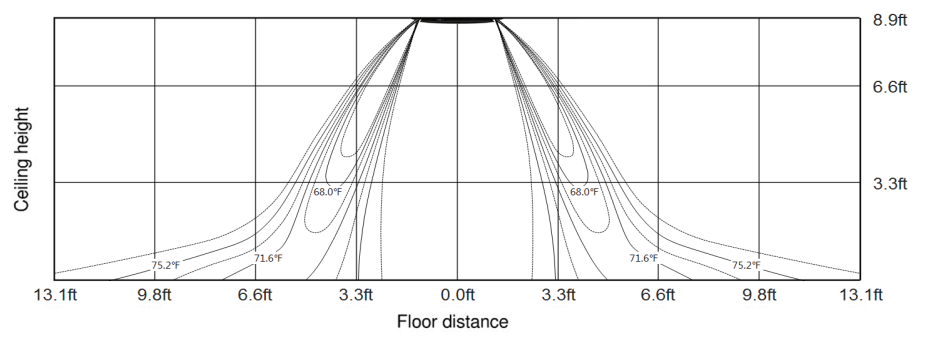
(1) Cooling air velocity distribution

Discharge angle : 60 degree



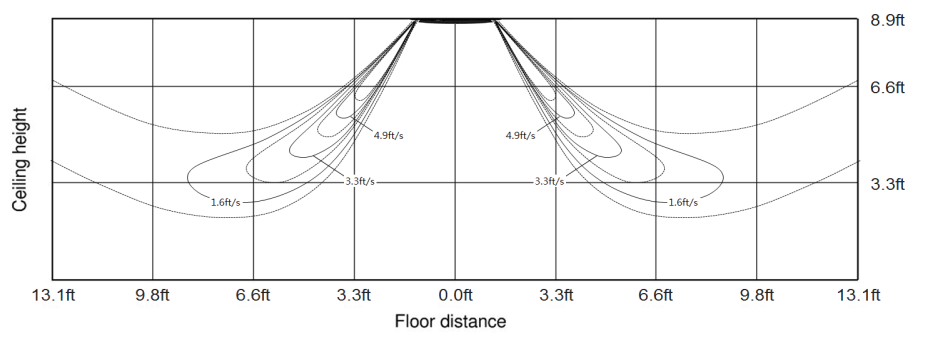
(2) Cooling temperature distribution

Discharge angle : 60 degree



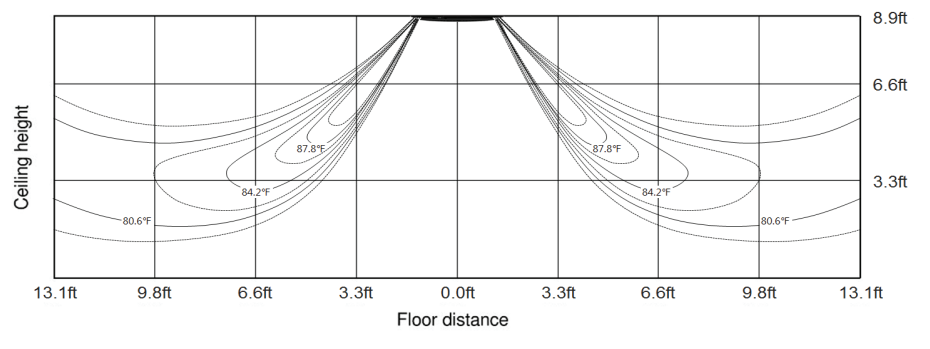
(3) Heating air velocity distribution

Discharge angle : 60 degree



(4) Heating temperature distribution

Discharge angle : 60 degree



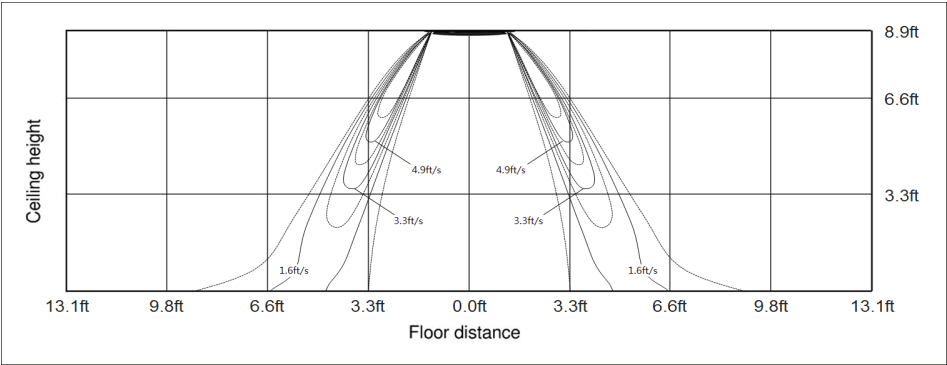
Temperature and air flow distribution

360 Cassette

V36C018S4-4P

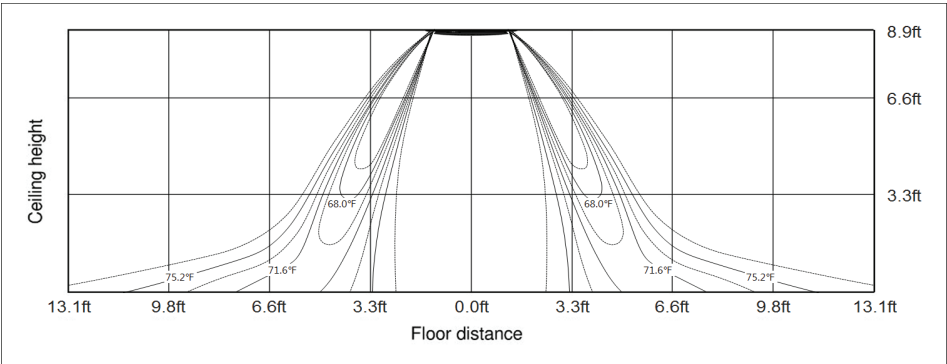
(1) Cooling air velocity distribution

Discharge angle : 60 degree



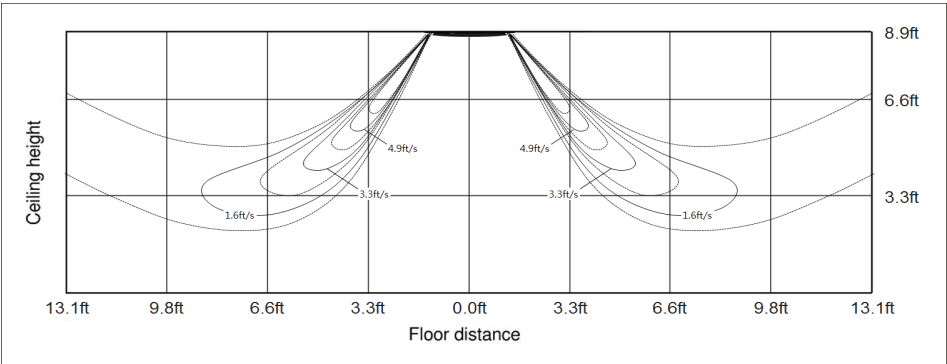
(2) Cooling temperature distribution

Discharge angle : 60 degree



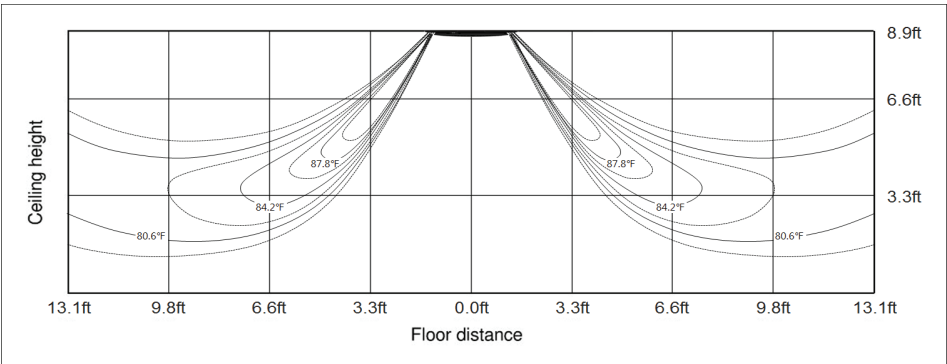
(3) Heating air velocity distribution

Discharge angle : 60 degree



(4) Heating temperature distribution

Discharge angle : 60 degree



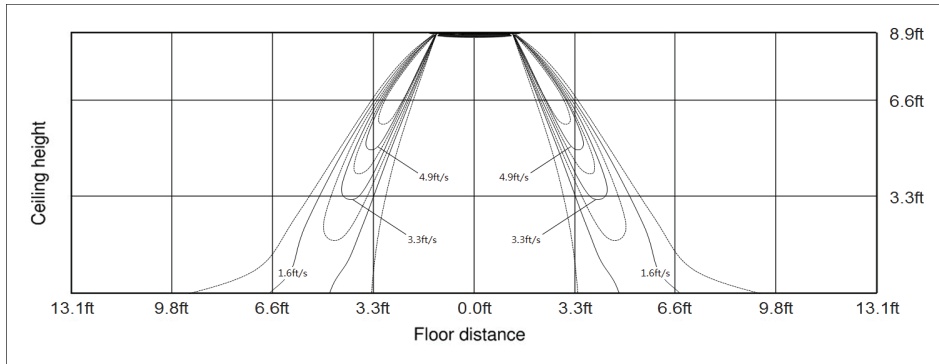
Temperature and air flow distribution

360 Cassette

V36C024S4-4P

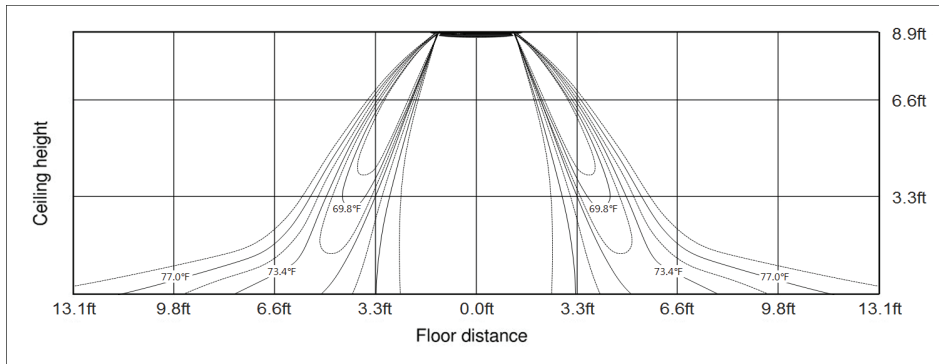
(1) Cooling air velocity distribution

Discharge angle : 60 degree



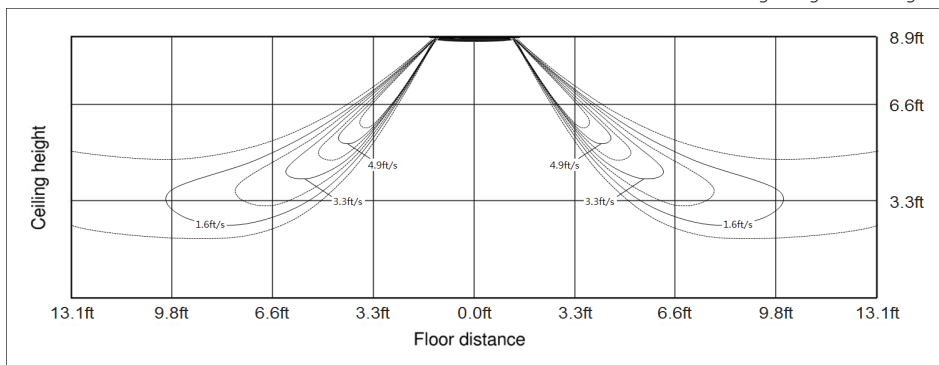
(2) Cooling temperature distribution

Discharge angle : 60 degree



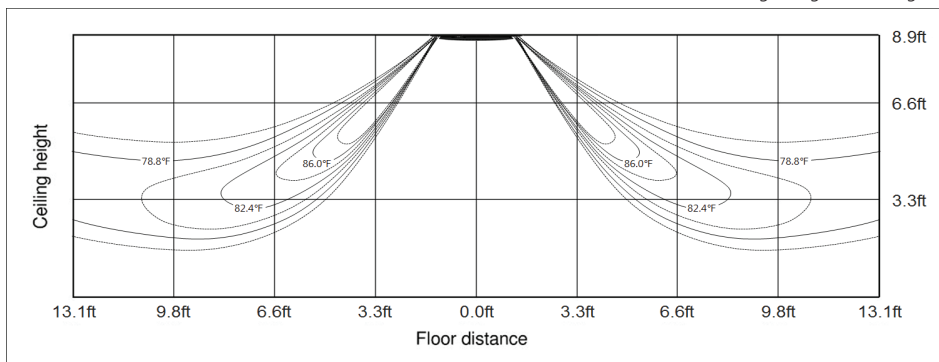
(3) Heating air velocity distribution

Discharge angle : 60 degree



(4) Heating temperature distribution

Discharge angle : 60 degree



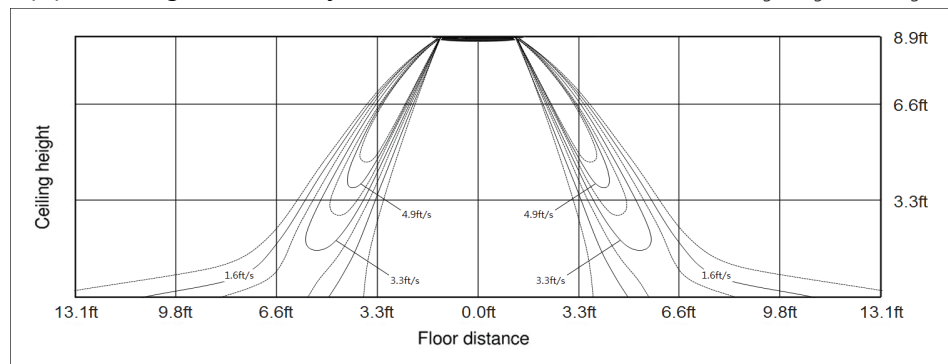
Temperature and air flow distribution

360 Cassette

V36C030S4-4P

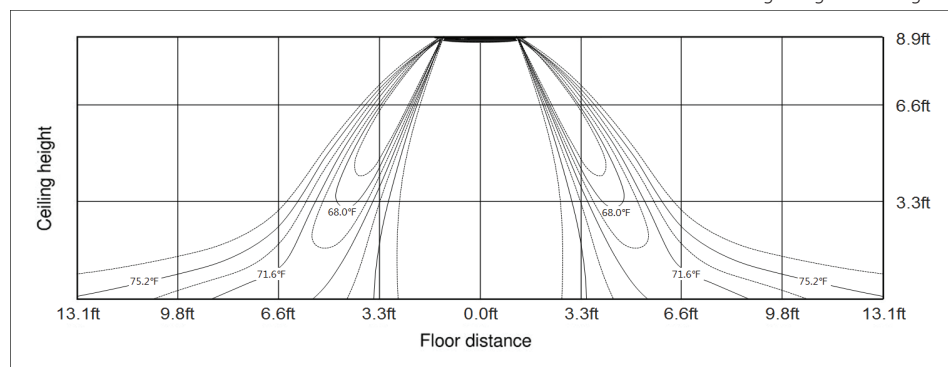
(1) Cooling air velocity distribution

Discharge angle : 60 degree



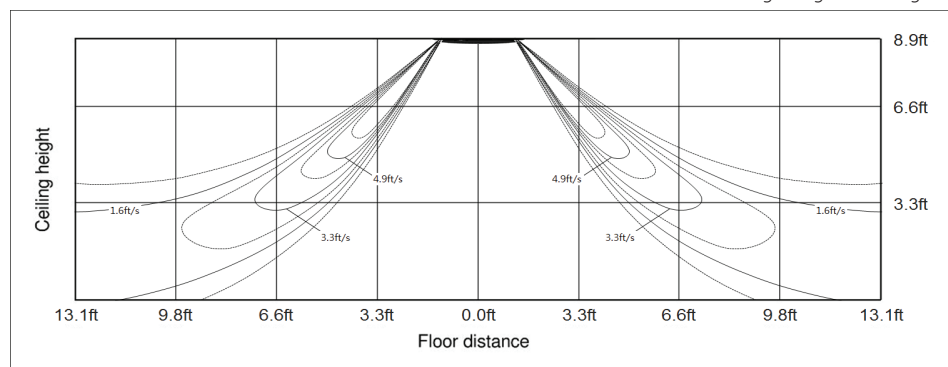
(2) Cooling temperature distribution

Discharge angle : 60 degree



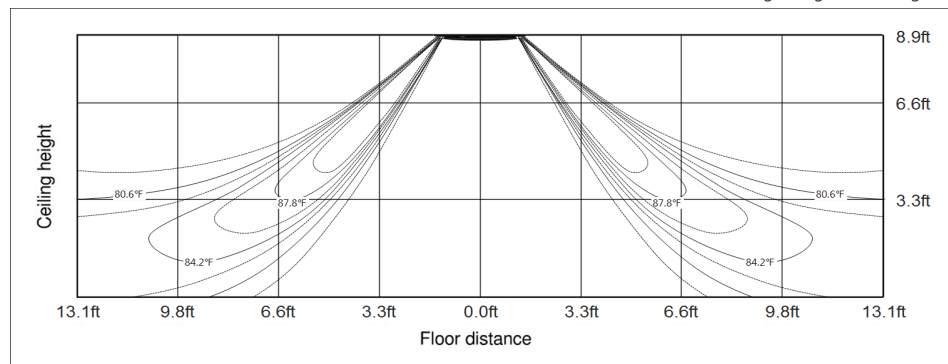
(3) Heating air velocity distribution

Discharge angle : 60 degree



(4) Heating temperature distribution

Discharge angle : 60 degree



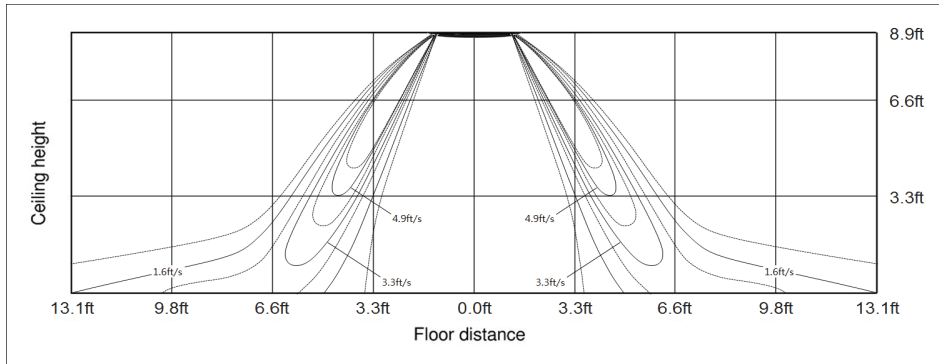
Temperature and air flow distribution

360 Cassette

V36C036S4-4P

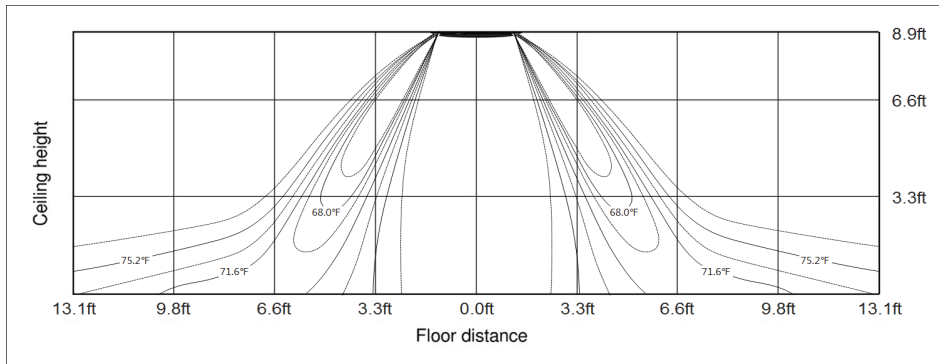
(1) Cooling air velocity distribution

Discharge angle : 60 degree



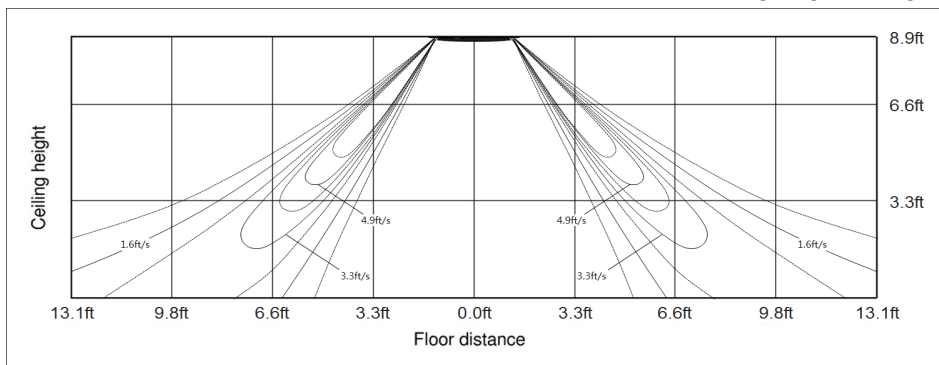
(2) Cooling temperature distribution

Discharge angle : 60 degree



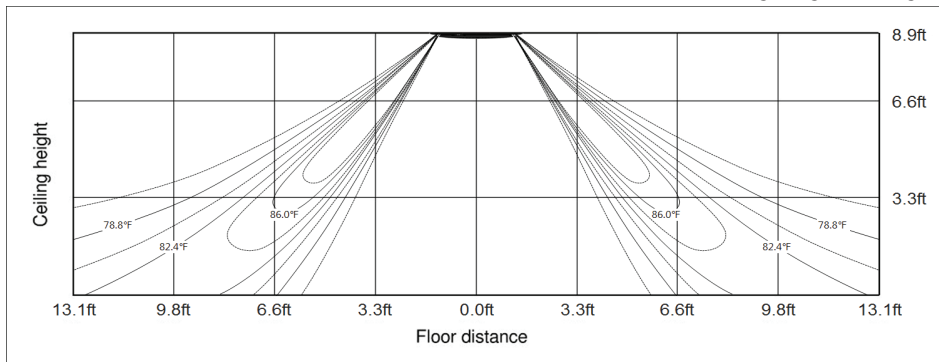
(3) Heating air velocity distribution

Discharge angle : 60 degree



(4) Heating temperature distribution

Discharge angle : 60 degree



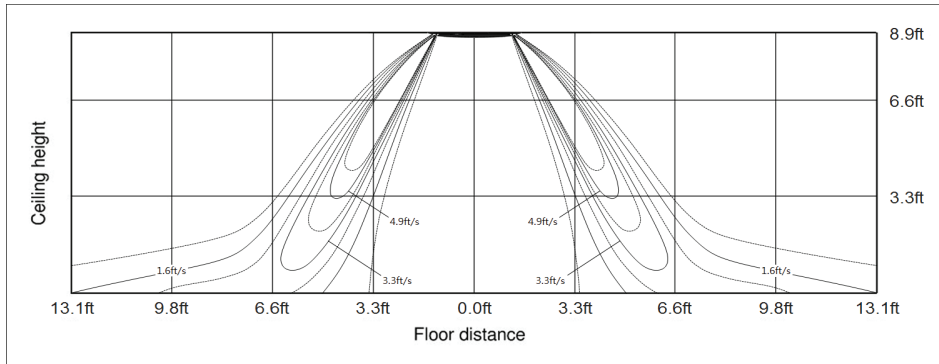
Temperature and air flow distribution

360 Cassette

V36C048S4-4P

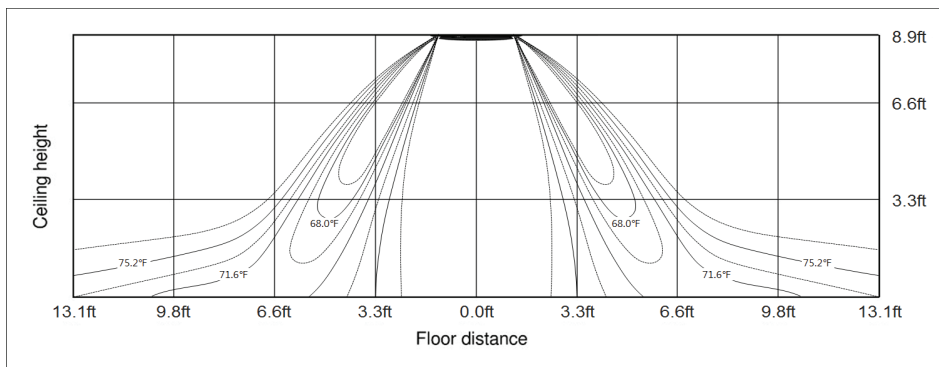
(1) Cooling air velocity distribution

Discharge angle : 60 degree



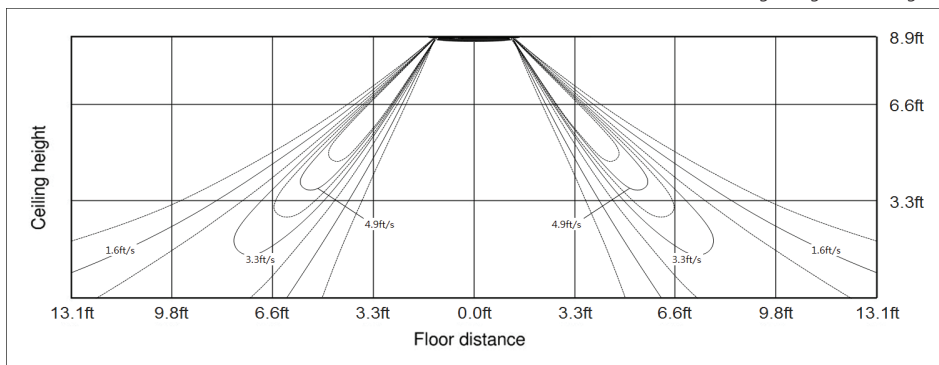
(2) Cooling temperature distribution

Discharge angle : 60 degree



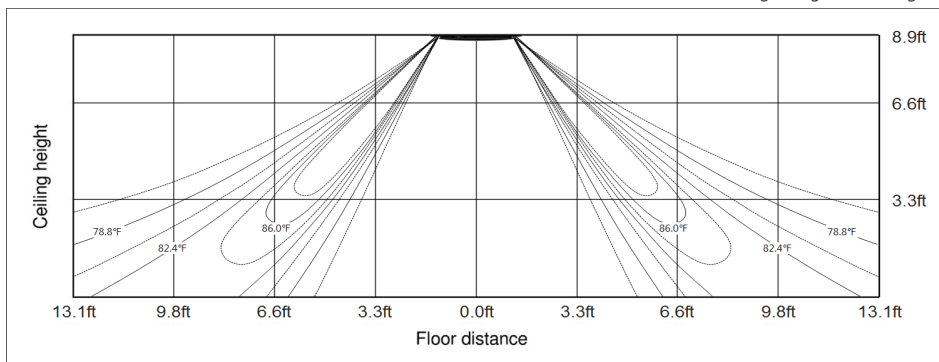
(3) Heating air velocity distribution

Discharge angle : 60 degree



(4) Heating temperature distribution

Discharge angle : 60 degree





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