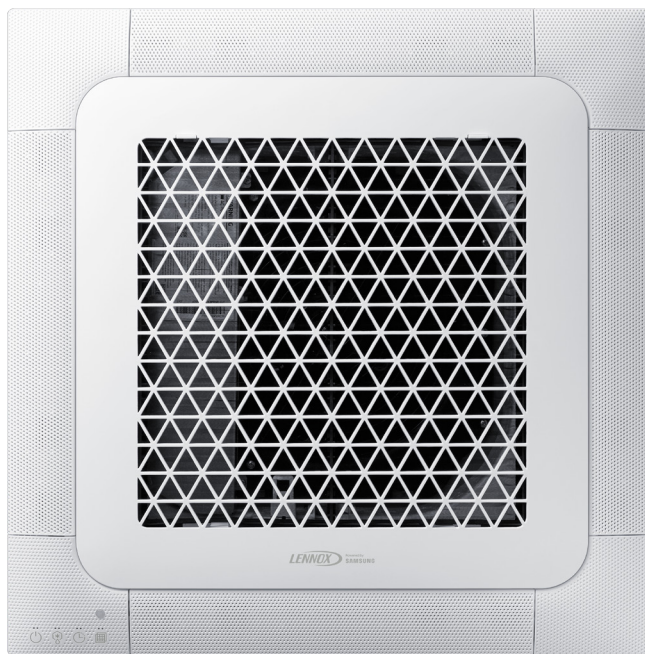


V22C

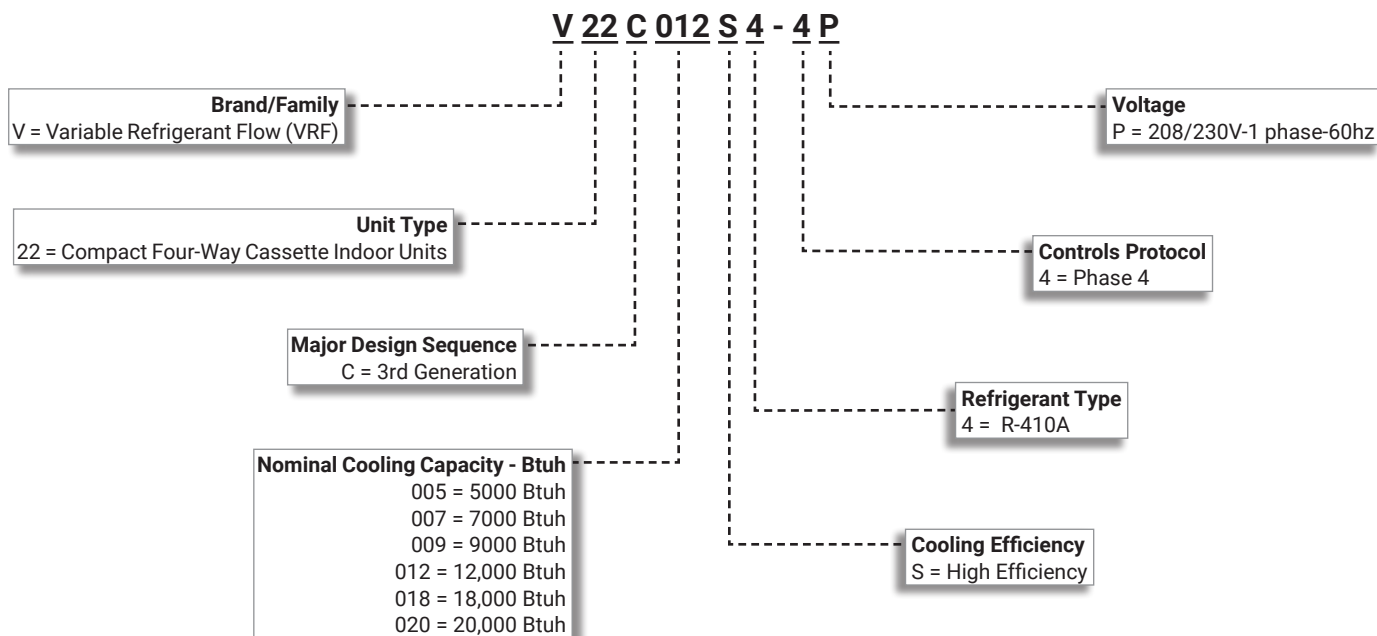
Compact Four-Way Cassette Indoor Units | **R-410A** | 60Hz

5,000 to 20,000 Btuh

COMMERCIAL PRODUCT SPECIFICATIONS (EHB)



MODEL NUMBER IDENTIFICATION



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Specification

4Way Cassette (600x600)

Type				4Way CASSETTE (600x600)	4Way CASSETTE (600x600)	4Way CASSETTE (600x600)
Model Name				V22C005S4-4P	V22C007S4-4P	V22C009S4-4P
Power Supply			Φ, #, 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		Ton	0.42	0.63	0.79
	Capacity	Cooling	kW	1.47	2.20	2.78
			Btu/h	5,000	7,500	9,500
			US RT	0.42	0.63	0.79
		Heating	kW	1.76	2.55	3.08
			Btu/h	6,000	8,700	10,500
			US RT	0.50	0.73	0.88
Power	Power Input	Cooling	W	18.00	18.00	24.00
		Heating		18.00	18.00	24.00
	Current Input	Cooling	A	0.17	0.17	0.17
		Heating		0.17	0.17	0.17
	Current	MCA	A	0.24	0.24	0.24
		MOP		15	15	15
Heat exchanger	Type		-	Fin & tube	Fin & tube	Fin & tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Louver, Hydrophile	Louver, Hydrophile	Louver, Hydrophile
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan
	Quantity		EA	1	2	3
	Air Flow Rate	H/M/L	m³/min	8.50/7.20/6.50	9.00/7.70/6.50	10.00/8.50/7.50
			ft³/min	300/254/230	318/272/230	353/300/265
			l/s	142/120/108	150/128/108	167/142/125
	External Pressure	Max. (Min/Std/Max)	mmAq	-	-	-
			Pa	-	-	-
			In Wg	-	-	-
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	65 x 1	65 x 1	65 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)
	Heat insulation		-			
Drain Pipe		Φ,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
Wiring connections	Communication	Min.	mm²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED
		Remark	-			
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure Level	H/M/L	dB(A)	30/28/23	32/29/25	33/30/26
	Sound Power	Cooling		46	47	50
External Dimension	Net Weight		kg (lbs)	11.7 (25.8)	12.0 (26.5)	12.0 (26.5)
	Shipping Weight		kg (lbs)	13.7 (30.2)	14.0 (30.9)	14.0 (30.9)
	Net Dimensions (WxHxD)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
			inch	22 5/8 x 9 13/16 x 22 5/8	22 5/8 x 9 13/16 x 22 5/8	22 5/8 x 9 13/16 x 22 5/8
	Shipping Dimensions (WxHxD)		mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
			inch	24 5/16 x 11 5/16 x 24 5/16	24 5/16 x 11 5/16 x 24 5/16	24 5/16 x 11 5/16 x 24 5/16
Casing	Material		-	HIPS	HIPS	HIPS

Specification

4Way Cassette (600x600)

Type			4Way CASSETTE (600x600)	4Way CASSETTE (600x600)	4Way CASSETTE (600x600)
Model Name			V22C005S4-4P	V22C007S4-4P	V22C009S4-4P
Panel	Model Name	-	PC4SUFMAN PC4SUFMUN	PC4SUFMAN PC4SUFMUN	PC4SUFMAN PC4SUFMUN
	Type	-	Wind Free Type	Wind Free Type	Wind Free Type
	Material		HIPS	HIPS	HIPS
	Color	-	White	White	White
	Net Weight	kg (lbs)	2.7 (6.0)	2.7 (6.0)	2.7 (6.0)
	Shipping Weight	kg (lbs)	3.9 (8.6)	3.9 (8.6)	3.9 (8.6)
	Net Dimensions (WxHxD)	mm	620 x 57 x 620	620 x 57 x 620	620 x 57 x 620
		inch	24 5/16 x 2 1/4 x 24 5/16	24 5/16 x 2 1/4 x 24 5/16	24 5/16 x 2 1/4 x 24 5/16
	Shipping Dimensions (WxHxD)	mm	670 x 120 x 655	670 x 120 x 655	670 x 120 x 655
		inch	27 5/16 x 4 5/16 x 27 5/16	27 5/16 x 4 5/16 x 27 5/16	27 5/16 x 4 5/16 x 27 5/16
Drain Pump	Drain Pump	-	included	included	included
	Max. lifting Height / Displacement	in / gal/h	29-5/16 6.34gal/h	29-5/16 6.34gal/h	29-5/16 6.34gal/h
Additional Accessories	Drain Pump	External Model	-	-	-
		Internal Model	-	-	-
		Max. lifting Height / Displacement	in / gal/h	-	-
	Air Filter		-	-	-

NOTE

- Specification may be subject to change without prior notice.
- 1) Mode : HP(Heat Pump), HR(Heat Recovery)
- 2) Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB
 - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 25ft(7.5m), Level differences 0ft(0m)
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20uPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power : 1pW
 - Measured according to ISO 3741
- 5) These products contain R410A which is fluorinated greenhouse gas.
- 6) Select wire size based on the value of MCA

Specification

4Way Cassette (600x600)

Type				4Way CASSETTE (600x600)	4Way CASSETTE (600x600)	4Way CASSETTE (600x600)
Model Name				V22C012S4-4P	V22C018S4-4P	V22C020S4-4P
Power Supply			Φ, #, 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		Ton	1.00	1.5	1.67
	Capacity	Cooling	kW	3.52	5.28	5.86
			Btu/h	12,000	18,000	20,000
			US RT	1.00	1.5	1.67
		Heating	kW	3.96	5.86	6.74
			Btu/h	13,500	20,000	23,000
			US RT	1.13	1.67	1.92
Power	Power Input	Cooling	W	28.00	36.00	38.00
		Heating		28.00	36.00	38.00
	Current Input	Cooling	A	0.19	0.27	0.30
		Heating		0.19	0.27	0.30
	Current	MCA	A	0.26	0.38	0.41
		MOP		15	15	15
Heat exchanger	Type		-	Fin & tube	Fin & tube	Fin & tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Louver, Hydrophile	Louver, Hydrophile	Louver, Hydrophile
Fan	Type		-	Turbo Fan	Turbo Fan	Turbo Fan
	Quantity		EA	4	5	6
	Air Flow Rate	H/M/L	m³/min	10.50/9.50/8.00	13.00/11.00/9.50	13.50/12.00/10.20
			ft³/min	371/335/283	459/388/335	477/424/360
			l/s	175/158/133	217/183/158	225/200/170
	External Pressure	Max. (Min/Std/Max)	mmAq	-	-	-
			Pa	-	-	-
			ln Wg	-	-	-
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	65 x 1	65 x 1	65 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)
	Heat insulation		-			
Drain Pipe			Φ,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Wiring connections	Communication	Min.	mm²	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED	2 X 16 AWG SHIELDED
		Remark	-			
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure Level	H/M/L	dB(A)	34/30/26	39/36/33	40/38/35
	Sound Power	Cooling		51	56	57
External Dimension	Net Weight		kg (lbs)	12.0 (26.5)	12.0 (26.5)	12.0 (26.5)
	Shipping Weight		kg (lbs)	14.0 (30.9)	14.0 (30.9)	14.0 (30.9)
	Net Dimensions (WxHxD)		mm	575 x 250 x 575	575 x 250 x 575	575 x 250 x 575
			inch	22 5/8 x 9 13/16 x 22 5/8	22 5/8 x 9 13/16 x 22 5/8	22 5/8 x 9 13/16 x 22 5/8
	Shipping Dimensions (WxHxD)		mm	623 x 298 x 653	623 x 298 x 653	623 x 298 x 653
			inch	24 5/16 x 11 5/16 x 24 5/16	24 5/16 x 11 5/16 x 24 5/16	24 5/16 x 11 5/16 x 24 5/16
Casing	Material		-	HIPS	HIPS	HIPS

Specification

4Way Cassette (600x600)

Type			4Way CASSETTE (600x600)	4Way CASSETTE (600x600)	4Way CASSETTE (600x600)
Model Name			V22C012S4-4P	V22C018S4-4P	V22C020S4-4P
Panel	Model Name	-	PC4SUFMAN PC4SUFMUN	PC4SUFMAN PC4SUFMUN	PC4SUFMAN PC4SUFMUN
	Type	-	Wind Free Type	Wind Free Type	Wind Free Type
	Material		HIPS	HIPS	HIPS
	Color	-	White	White	White
	Net Weight	kg (lbs)	2.7 (6.0)	2.7 (6.0)	2.7 (6.0)
	Shipping Weight	kg (lbs)	3.9 (8.6)	3.9 (8.6)	3.9 (8.6)
	Net Dimensions (WxHxD)	mm	620 x 57 x 620	620 x 57 x 620	620 x 57 x 620
		inch	24 5/16 x 2 1/4 x 24 5/16	24 5/16 x 2 1/4 x 24 5/16	24 5/16 x 2 1/4 x 24 5/16
	Shipping Dimensions (WxHxD)	mm	670 x 120 x 655	670 x 120 x 655	670 x 120 x 655
		inch	27 5/16 x 4 5/16 x 27 5/16	27 5/16 x 4 5/16 x 27 5/16	27 5/16 x 4 5/16 x 27 5/16
Drain Pump	Drain Pump	-	included	included	included
	Max. lifting Height / Displacement	in / gal/h	29-5/16 6.34gal/h	29-5/16 6.34gal/h	29-5/16 6.34gal/h
Additional Accessories	Drain Pump	External Model	-	-	-
		Internal Model	-	-	-
		Max. lifting Height / Displacement	in / gal/h	-	-
	Air Filter		-	-	-

NOTE

- Specification may be subject to change without prior notice.
- 1) Mode : HP(Heat Pump), HR(Heat Recovery)
- 2) Performances are based on the following test conditions.
 - Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB
 - Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB
 - Equivalent refrigerant pipe length 25ft(7.5m), Level differences 0ft(0m)
- 3) Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A-weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20uPa
- 4) Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level
 - Reference power : 1pW
 - Measured according to ISO 3741
- 5) These products contain R410A which is fluorinated greenhouse gas.
- 6) Select wire size based on the value of MCA

Summary Table

4Way Cassette (600x600)

Performance Characteristics

Model Code	Net Weight (lbs)	Fan Speed	Nominal Capacity(Btu/h)			Airflow (CFM)	Sound Pressure (dBA)	Sound Power (dBA)
			Cooling	Sensible	Heating			
V22C005S4-4P	25.8	High	5,000	4,500	6,000	300	30	46
		Mid	4,300	3,900	5,500	254	28	-
		Low	3,900	3,500	5,200	230	23	-
V22C007S4-4P	26.5	High	7,500	5,100	8,700	318	32	47
		Mid	6,500	4,400	8,000	272	29	-
		Low	5,600	3,800	7,400	230	25	-
V22C009S4-4P	26.5	High	9,500	6,700	10,500	353	33	50
		Mid	8,200	5,800	9,700	300	30	-
		Low	7,300	5,100	9,100	265	26	-
V22C012S4-4P	26.5	High	12,000	8,300	13,500	371	34	51
		Mid	11,000	7,600	12,800	336	30	-
		Low	9,400	6,500	11,800	283	26	-
V22C018S4-4P	26.5	High	18,000	12,400	20,000	459	39	56
		Mid	15,500	10,700	18,400	389	36	-
		Low	13,600	9,400	17,100	336	33	-
V22C020S4-4P	26.5	High	20,000	15,000	23,000	477	40	57
		Mid	18,100	13,600	21,700	424	38	-
		Low	15,600	11,700	20,000	360	35	-

NOTE

- Sound data is based on cooling operation.

Electric Characteristics

Indoor Unit	Power Supply (Ø, #, V, Hz)	Power Input (W)	Current Input (A)	MCA (A)	MFA (A)	FLA (A)
V22C005S4-4P	1,2,208~230,60	18	0.17	0.41	15	0.33
V22C007S4-4P	1,2,208~230,60	18	0.17	0.41	15	0.33
V22C009S4-4P	1,2,208~230,60	24	0.17	0.41	15	0.33
V22C012S4-4P	1,2,208~230,60	28	0.19	0.41	15	0.33
V22C018S4-4P	1,2,208~230,60	36	0.27	0.41	15	0.33
V22C020S4-4P	1,2,208~230,60	38	0.3	0.41	15	0.33

NOTE

- MCA : Minimum circuit amperes
- MFA : Maximum fuse amperes
- FLA : Full load amperes
- Select wire size based on the value of MCA

Capacity Table

4Way Cassette (600x600)

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Capacity Index (MBH)	Outdoor Air Temp. (°F, WB)	Indoor temperature (°F, WB)													
		57		61		64		67		70		72		75	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
		Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h
005	50	4,200	3,780	4,850	4,370	5,200	4,680	5,500	4,950	5,800	5,220	6,150	5,230	6,500	5,530
	54	4,200	3,780	4,850	4,370	5,200	4,680	5,500	4,950	5,800	5,220	6,150	5,230	6,500	5,530
	58	4,200	3,780	4,850	4,370	5,200	4,680	5,500	4,950	5,800	5,220	6,150	5,230	6,500	5,530
	60	4,200	3,780	4,850	4,370	5,200	4,680	5,500	4,950	5,800	5,220	6,150	5,230	6,500	5,530
	64	4,200	3,780	4,850	4,370	5,200	4,680	5,500	4,950	5,800	5,220	6,150	5,230	6,500	5,530
	67	4,200	3,780	4,850	4,370	5,200	4,680	5,500	4,950	5,800	5,220	6,150	5,230	6,500	5,530
	70	4,200	3,780	4,850	4,370	5,200	4,680	5,500	4,950	5,800	5,220	6,150	5,230	6,500	5,530
	73	4,200	3,780	4,850	4,370	5,200	4,680	5,500	4,950	5,800	5,220	6,150	5,230	6,500	5,530
	77	4,200	3,780	4,850	4,370	5,200	4,680	5,500	4,950	5,800	5,220	6,150	5,230	6,500	5,530
	80	4,200	3,780	4,850	4,370	5,200	4,680	5,400	4,860	5,800	5,220	6,150	5,230	6,500	5,530
	84	4,200	3,780	4,850	4,370	5,200	4,680	5,300	4,770	5,600	5,040	5,900	5,020	6,200	5,150
	88	4,200	3,780	4,850	4,370	5,100	4,590	5,200	4,680	5,500	4,950	5,800	4,930	6,100	4,880
	92	4,200	3,780	4,850	4,370	5,000	4,500	5,100	4,590	5,400	4,860	5,700	4,850	6,000	4,800
	95	4,200	3,780	4,850	4,370	5,000	4,500	5,000	4,500	5,300	4,770	5,600	4,760	5,900	4,720
	99	4,200	3,780	4,850	4,370	5,000	4,500	5,000	4,500	5,300	4,770	5,600	4,760	5,900	4,720
	103	4,200	3,780	4,850	4,370	5,000	4,500	5,000	4,500	5,300	4,770	5,600	4,760	5,900	4,720
	107	4,200	3,780	4,850	4,370	5,000	4,500	5,000	4,500	5,300	4,770	5,600	4,760	5,900	4,720
	111	4,200	3,780	4,850	4,370	5,000	4,500	5,000	4,500	5,300	4,770	5,600	4,760	5,900	4,720
	115	4,200	3,780	4,850	4,370	5,000	4,500	5,000	4,500	5,300	4,770	5,600	4,760	5,900	4,720
	118	4,080	3,670	4,800	4,320	5,000	4,500	5,000	4,500	5,300	4,770	5,600	4,760	5,900	4,720
007	50	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,300	5,200	8,700	5,200	9,100	5,100
	54	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,300	5,200	8,600	5,100	8,900	4,900
	58	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,300	5,200	8,600	5,100	8,900	4,900
	60	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,300	5,200	8,600	5,100	8,900	4,900
	64	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,200	5,200	8,600	5,100	8,900	4,900
	67	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,200	5,200	8,600	5,100	8,900	4,900
	70	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,200	5,200	8,600	5,100	8,900	4,900
	73	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,200	5,200	8,600	5,100	8,900	4,900
	77	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,200	5,200	8,600	5,100	8,900	4,900
	80	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,200	5,200	8,600	5,100	8,900	4,900
	84	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,200	5,200	8,600	5,100	8,900	4,900
	88	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,200	5,200	8,600	5,100	8,900	4,900
	92	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,200	5,200	8,600	5,100	8,900	4,900
	95	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,200	5,200	8,600	5,100	8,900	4,900
	99	5,100	4,400	6,200	4,800	7,200	5,200	7,500	5,200	8,200	5,100	8,500	5,000	8,900	4,900
	103	5,100	4,400	6,200	4,800	7,100	5,100	7,400	5,100	8,100	5,000	8,300	4,800	8,600	4,600
	107	5,100	4,400	6,200	4,800	7,100	5,100	7,400	5,100	8,000	4,900	8,200	4,700	8,400	4,500
	111	5,100	4,400	6,200	4,800	6,900	5,000	7,100	4,900	7,700	4,800	7,900	4,600	8,100	4,400
	115	5,100	4,400	6,100	4,800	6,800	4,900	6,900	4,800	7,400	4,600	7,600	4,400	7,900	4,200
	118	5,100	4,300	6,000	4,700	6,700	4,800	6,800	4,700	7,300	4,500	7,400	4,300	7,600	4,100

Capacity Table

4Way Cassette (600x600)

Capacity Index (MBH)	Outdoor Air Temp. (°F, WB)	Indoor temperature (°F, WB)													
		57		61		64		67		70		72		75	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
		Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h
009	50	6,400	5,800	7,800	6,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,500	6,400
	54	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	58	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	60	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	64	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	67	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	70	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	73	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	77	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	80	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	84	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	88	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	92	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	95	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	99	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,800	10,500	6,800	11,200	6,100
	103	6,400	6,800	7,800	7,100	8,800	6,800	9,500	6,800	9,800	6,400	10,200	6,400	10,900	6,100
	107	6,400	6,800	7,800	7,100	8,800	6,800	9,200	6,400	9,500	6,400	9,800	6,100	10,200	5,800
	111	6,400	6,800	7,800	7,100	8,500	6,400	9,200	6,400	9,200	6,100	9,200	5,800	9,500	5,400
	115	6,400	6,800	7,800	7,100	8,500	6,400	9,200	6,400	9,200	6,100	9,200	5,800	9,500	5,400
	118	6,400	6,800	7,800	7,100	8,500	6,400	9,200	6,400	9,200	6,100	9,200	5,800	9,500	5,400
012	50	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,300	9,000
	54	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,300	9,000
	58	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,300	9,000
	60	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,300	9,000
	64	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,300	9,000
	67	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,000	8,700
	70	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,000	8,700
	73	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,000	8,700
	77	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,000	8,700
	80	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,000	8,700
	84	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,000	8,700
	88	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,000	8,700
	92	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,000	8,700
	95	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,300	9,300	14,000	8,700
	99	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,000	9,000	14,000	8,700
	103	8,300	7,300	9,700	8,300	11,300	9,000	12,000	9,300	12,300	9,300	13,000	9,000	13,700	8,300
	107	8,300	7,300	9,700	8,300	11,300	9,000	11,700	9,000	12,000	8,700	12,300	8,700	13,000	8,000
	111	8,300	7,300	9,700	8,300	10,700	8,700	11,300	8,700	11,700	8,300	11,700	8,300	12,000	7,700
	115	8,300	7,300	9,700	8,300	10,700	8,700	11,300	8,700	11,700	8,300	11,700	8,300	12,000	7,700
	118	8,300	7,300	9,700	8,300	10,700	8,700	11,300	8,700	11,700	8,300	11,700	8,300	12,000	7,700

Capacity Table

4Way Cassette (600x600)

Capacity Index (MBH)	Outdoor Air Temp. (°F, WB)	Indoor temperature (°F, WB)													
		57		61		64		67		70		72		75	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
		Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h
018	50	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,600	14,000
	54	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,600	14,000
	58	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,600	14,000
	60	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,200	12,800
	64	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,200	12,800
	67	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,200	12,800
	70	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,200	12,800
	73	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,200	12,800
	77	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,200	12,800
	80	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,200	12,800
	84	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,200	12,800
	88	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,200	12,800
	92	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,200	12,800
	95	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,800	13,600	20,000	13,600	21,200	12,800
	99	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,400	13,200	19,600	13,200	20,800	12,800
	103	12,400	11,200	14,800	12,800	16,800	13,200	18,000	13,600	18,400	13,200	19,600	13,200	20,400	12,400
	107	12,400	11,200	14,800	12,800	16,800	13,200	17,600	13,200	18,000	12,800	18,400	12,400	19,200	12,800
	111	12,400	11,200	14,800	12,800	16,000	12,800	17,200	12,800	17,200	12,400	17,600	12,000	18,000	12,400
	115	12,400	11,200	14,800	12,800	16,000	12,800	17,200	12,800	17,200	12,400	17,600	12,000	18,000	12,400
	118	12,400	11,200	14,800	12,800	16,000	12,800	17,200	12,800	17,200	12,400	17,600	12,000	18,000	12,400
020	50	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,500	15,700	23,900	15,000
	54	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,500	15,700	23,900	15,000
	58	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,100	15,400	23,900	15,000
	60	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,100	15,400	23,600	14,600
	64	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,100	15,400	23,600	14,600
	67	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,100	15,400	23,600	14,600
	70	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,100	15,400	23,600	14,600
	73	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,100	15,400	23,600	14,600
	77	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,100	15,400	23,600	14,600
	80	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,100	15,400	23,600	14,600
	84	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,100	15,400	23,600	14,600
	88	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,100	15,400	23,600	14,600
	92	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,100	15,400	23,600	14,600
	95	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	22,100	15,400	23,600	14,600
	99	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	21,800	15,000	23,200	14,300
	103	13,900	12,100	16,400	13,900	18,900	14,600	20,000	15,400	20,700	15,400	21,800	15,000	22,900	13,900
	107	13,900	12,100	16,400	13,900	18,900	14,600	19,300	15,000	20,000	15,000	20,700	14,600	21,400	13,200
	111	13,900	12,100	16,400	13,900	17,900	14,300	18,900	14,600	19,300	14,600	19,600	14,300	20,000	12,500
	115	13,900	12,100	16,400	13,900	17,900	14,300	18,900	14,600	19,300	14,600	19,600	14,300	20,000	12,500
	118	13,900	12,100	16,400	13,900	17,900	14,300	18,900	14,600	19,300	14,600	19,600	14,300	20,000	12,500

NOTE

- The performance table shows the average value of each conditions.

Capacity Table

4Way Cassette (600x600)

Heating

TC : Total Capacity (kW)

Capacity Index	Outdoor Air Temp. (°F)		Indoor temperature (°F, WB)				
			61	65	70	72	75
			TC	TC	TC	TC	TC
	DB	WB	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h
005	-3.6	-4.0	4,370	4,370	4,370	4,370	4,370
	-1.8	-2.2	4,485	4,485	4,485	4,485	4,485
	2	1	4,715	4,600	4,600	4,600	4,600
	6	5	4,945	4,715	4,715	4,715	4,600
	10	9	5,175	5,060	5,060	5,060	4,830
	13	12	5,635	5,520	5,405	5,405	5,290
	17	15	6,095	5,980	5,750	5,635	5,635
	19	18	6,555	6,325	5,980	5,750	5,750
	23	21	6,900	6,555	6,000	6,000	6,000
	26	24	7,130	6,700	6,000	6,000	6,000
	30	28	7,360	6,700	6,000	6,000	6,000
	35	32	7,500	6,700	6,000	6,000	6,000
	39	36	7,500	6,700	6,000	6,000	6,000
	44	40	7,500	6,700	6,000	6,000	6,000
	47	43	7,500	6,700	6,000	6,000	6,000
	51	47	7,500	6,700	6,000	6,000	6,000
	54	50	7,500	6,700	6,000	6,000	6,000
	57	53	7,500	6,700	6,000	6,000	6,000
	60	56	7,500	6,700	6,000	6,000	6,000
007	-3.6	-4.0	5,400	5,400	5,400	5,400	5,400
	-1.8	-2.2	5,500	5,500	5,500	5,500	5,400
	2	1	5,700	5,700	5,700	5,600	5,500
	6	5	6,000	5,900	5,700	5,700	5,500
	10	9	6,200	6,200	6,100	6,000	5,900
	13	12	6,600	6,600	6,500	6,400	6,300
	17	15	7,000	6,900	6,800	6,700	6,600
	19	18	7,500	7,200	7,000	6,900	6,700
	23	21	7,700	7,500	7,300	7,200	7,100
	26	24	8,100	7,900	7,700	7,500	7,300
	30	28	8,400	8,200	7,900	7,700	7,500
	35	32	8,700	8,400	8,100	7,900	7,600
	39	36	8,900	8,700	8,200	8,000	7,700
	44	40	9,400	9,100	8,500	8,200	7,800
	47	43	9,600	9,200	8,700	8,300	7,800
	51	47	10,000	9,400	8,700	8,300	7,800
	54	50	10,200	9,400	8,700	8,300	7,800
	57	53	10,300	9,500	8,700	8,300	7,800
	60	56	10,500	9,500	8,700	8,300	7,800

Capacity Table

4Way Cassette (600x600)

Capacity Index	Outdoor Air Temp. (°F)		Indoor temperature (°F, WB)				
			61	65	70	72	75
			TC	TC	TC	TC	TC
	DB	WB	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h
009	-3.6	-4	6,400	6,400	6,400	6,400	6,400
	-1.8	-2	6,600	6,600	6,600	6,600	6,400
	2	1	6,800	6,800	6,800	6,800	6,400
	6	5	7,100	7,100	6,800	6,800	6,400
	10	9	7,500	7,500	7,300	7,100	7,100
	13	12	7,800	7,800	7,800	7,800	7,500
	17	15	8,100	8,000	8,000	8,000	7,600
	19	18	8,500	8,100	8,100	8,100	7,800
	23	21	8,800	8,800	8,500	8,500	8,100
	26	24	9,500	9,100	9,000	8,800	8,500
	30	28	9,700	9,300	9,100	9,000	8,600
	35	32	9,800	9,500	9,300	9,100	8,800
	39	36	10,200	10,200	9,700	9,500	9,100
	44	40	10,800	10,500	10,200	9,800	9,100
	47	43	11,200	10,800	10,500	10,200	9,100
	51	47	11,500	11,200	10,500	10,200	9,100
	54	50	11,900	11,200	10,500	10,200	9,100
012	57	53	12,200	11,500	10,500	10,200	9,100
	60	56	12,500	11,500	10,500	10,200	9,100
	-3.6	-4	8,400	8,400	8,100	8,100	8,100
	-1.8	-2	8,800	8,600	8,200	8,200	8,100
	2	1	9,100	8,800	8,400	8,400	8,100
	6	5	9,500	9,100	8,800	8,800	8,400
	10	9	9,800	9,500	9,300	9,100	9,100
	13	12	10,200	10,200	10,000	9,800	9,800
	17	15	10,500	10,500	10,300	10,200	10,000
	19	18	10,900	10,900	10,500	10,500	10,200
	23	21	11,600	11,200	11,000	10,900	10,500
	26	24	11,900	11,900	11,400	11,200	10,900
	30	28	12,300	12,300	11,700	11,600	11,000
	35	32	12,600	12,600	12,100	11,900	11,200
	39	36	13,300	13,000	12,600	12,300	11,900
	44	40	13,700	13,700	13,000	12,600	11,900
	47	43	14,400	14,400	13,500	13,000	11,900
	51	47	14,700	14,400	13,500	13,000	11,900
	54	50	15,400	14,700	13,500	13,000	11,900
	57	53	15,800	14,700	13,500	13,000	11,900
	60	56	16,100	15,100	13,500	13,000	11,900

Capacity Table

4Way Cassette (600x600)

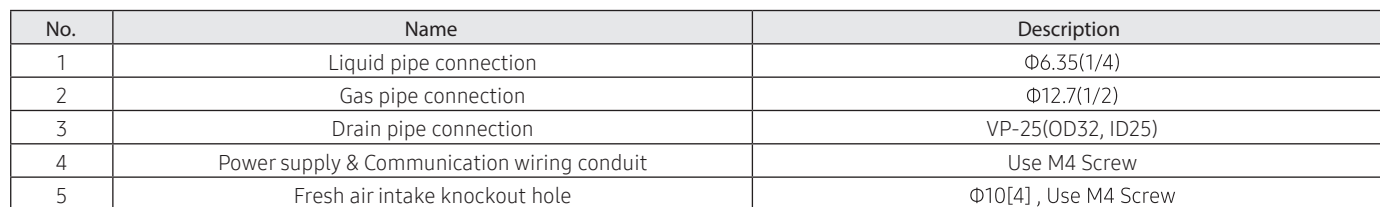
Capacity Index	Outdoor Air Temp. (°F)		Indoor temperature (°F, WB)				
			61	65	70	72	75
	DB	WB	TC	TC	TC	TC	TC
			Btu/h	Btu/h	Btu/h	Btu/h	Btu/h
018	-3.6	-4	12,900	12,600	12,400	12,200	12,200
	-1.8	-2	13,100	12,900	12,600	12,400	12,400
	2	1	13,200	13,200	12,700	12,600	12,600
	6	5	13,900	13,600	13,100	12,900	12,600
	10	9	14,500	14,200	13,900	13,900	13,600
	13	12	15,200	15,200	14,700	14,500	14,500
	17	15	15,700	15,500	15,200	15,000	14,700
	19	18	16,200	15,900	15,700	15,500	14,900
	23	21	17,200	16,900	16,400	16,200	15,500
	26	24	17,900	17,500	17,200	16,900	16,200
	30	28	18,300	18,000	17,500	17,200	16,400
	35	32	18,800	18,500	17,900	17,500	16,500
	39	36	19,500	19,500	18,800	18,500	17,500
	44	40	20,500	20,200	19,300	18,800	17,500
	47	43	21,500	21,200	20,000	19,200	17,500
	51	47	22,100	21,500	20,000	19,200	17,500
	54	50	22,800	21,800	20,000	19,200	17,500
	57	53	23,500	22,100	20,000	19,200	17,500
	60	56	24,100	22,500	20,000	19,200	17,500
020	-3.6	-4	15,200	14,900	14,500	14,500	14,500
	-1.8	-2	15,400	15,000	14,700	14,700	14,500
	2	1	15,600	15,200	14,900	14,900	14,500
	6	5	16,300	15,900	15,000	14,900	14,500
	10	9	16,900	16,600	16,100	15,900	15,600
	13	12	17,600	17,600	17,100	16,900	16,900
	17	15	18,200	18,200	17,600	17,500	17,300
	19	18	18,700	18,700	18,200	18,000	17,600
	23	21	19,700	19,400	19,000	18,700	18,000
	26	24	20,800	20,400	19,900	19,400	18,700
	30	28	21,300	20,900	20,300	19,900	19,000
	35	32	21,800	21,400	20,800	20,400	19,400
	39	36	22,800	22,500	21,800	21,400	20,400
	44	40	23,900	23,500	22,500	21,800	20,400
	47	43	24,900	24,600	23,000	22,500	20,400
	51	47	25,600	24,900	23,000	22,500	20,400
	54	50	26,300	25,200	23,000	22,500	20,400
	57	53	27,300	25,600	23,000	22,500	20,400
	60	56	28,000	25,900	23,000	22,500	20,400

NOTE

- The performance table shows the average value of each conditions.

4Way Cassette (600x600)

Units : mm [inches]



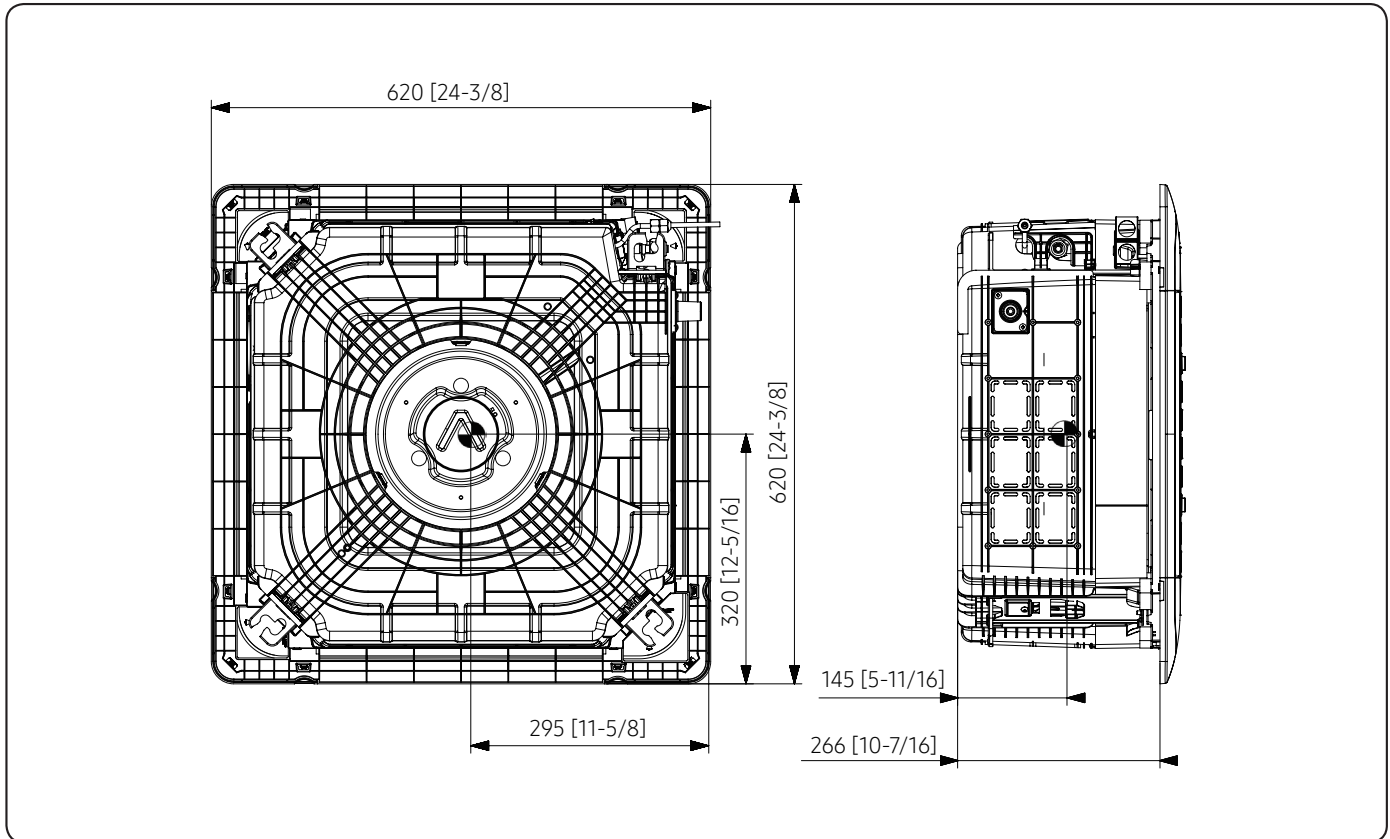
- As for suspension bolt, please use M8 ~ M10.
(Procured at local site)

Center of Gravity

4Way Cassette (600x600)

V22C005/007/009/012/018/020S4-4P

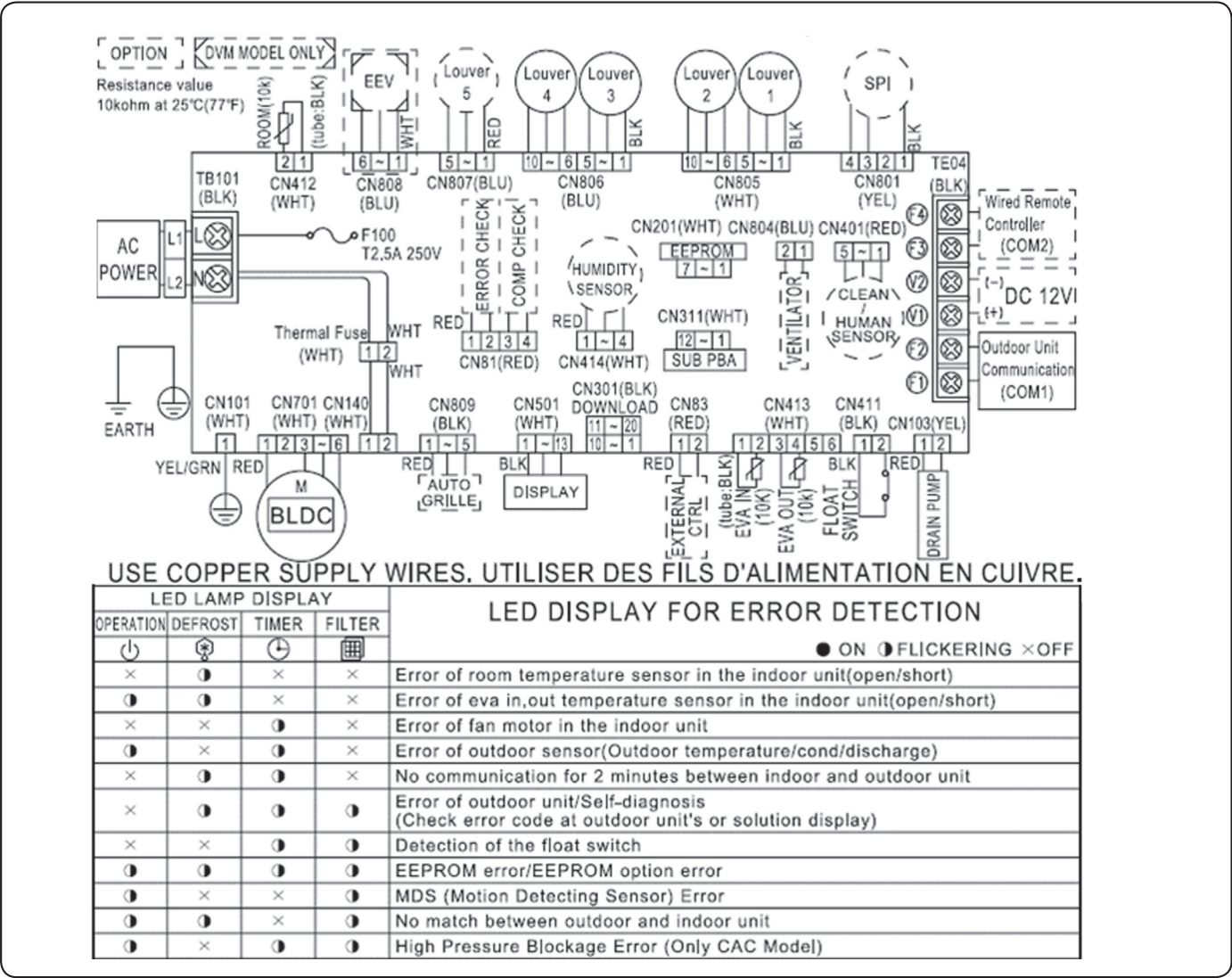
Units : mm [inches]



Electrical Wiring Diagram

4Way Cassette (600x600)

V22C005/007/009/012/018/020S4-4P



F100	FUSE	SPI	S-Plasma ion	ROOM(10K)	Thermistor ROOM OUT(10K)
M-BLDC	BLDC Motor	EEV	Electronic Expansion Valve	EVA-IN(10K)	Thermistor EVA IN(10K)
		EXT_CONTROL	EXTERNAL_CONTROL	EVA-OUT(10K)	Thermistor EVA OUT(10K)

NOTE

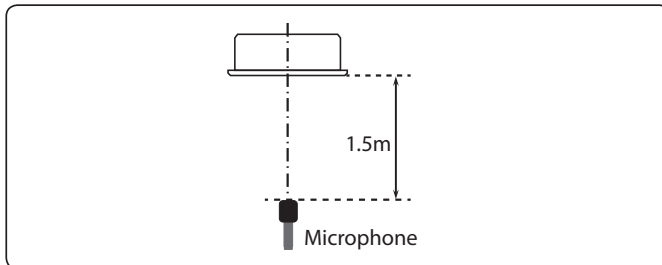
- This wiring diagram applies only to the Indoor unit.
- Symbols show as follow :
blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue: grn: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
- Protective earth(screw), : connector, : The wire quantity

Sound Data

4Way Cassette (600x600)

Sound Pressure level

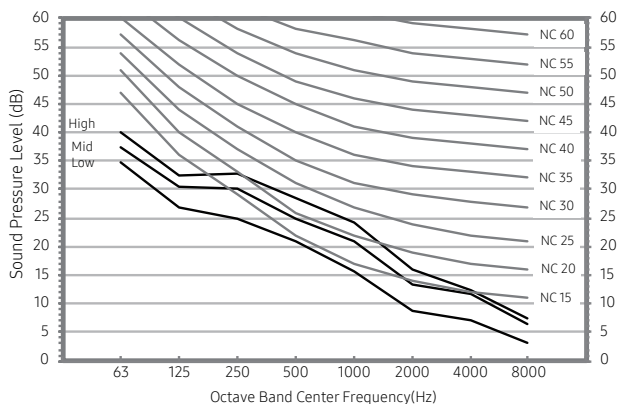
Unit: dB(A)



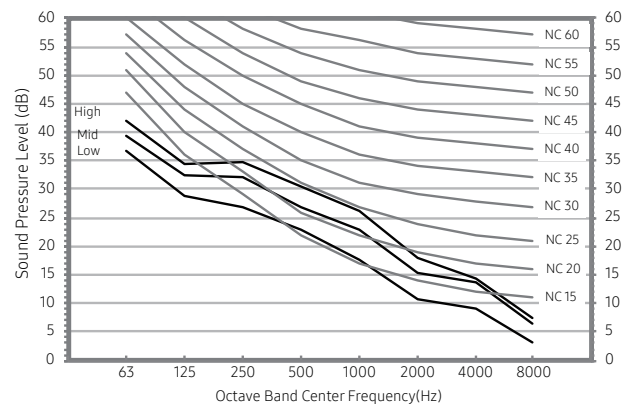
Model	High	MID	LOW
V22C005S4-4P	30	28	23
V22C007S4-4P	32	29	25
V22C009S4-4P	33	30	26
V22C012S4-4P	34	30	26

• NC Curve

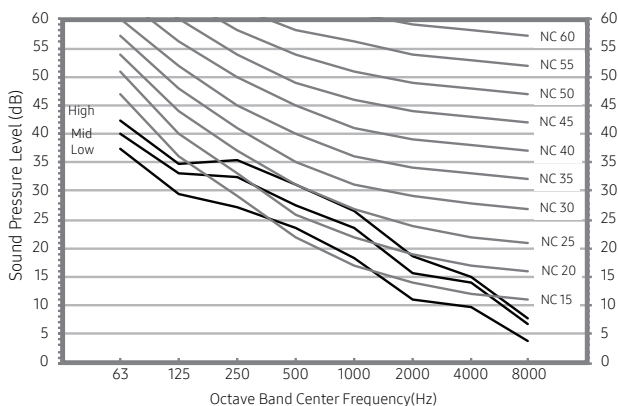
1) V22C005S4-4P



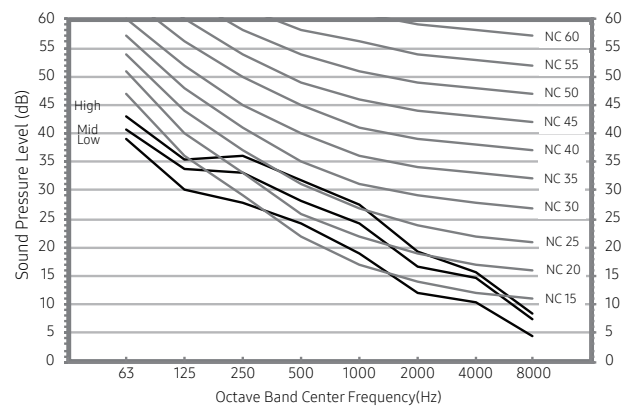
2) V22C007S4-4P



3) V22C009S4-4P



4) V22C012S4-4P



NOTE

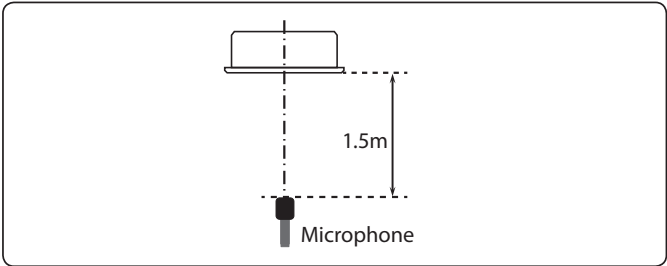
- Specifications may be subject to change without prior notice.
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dB(A) = A weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

Sound Data

4Way Cassette (600x600)

Sound Pressure level

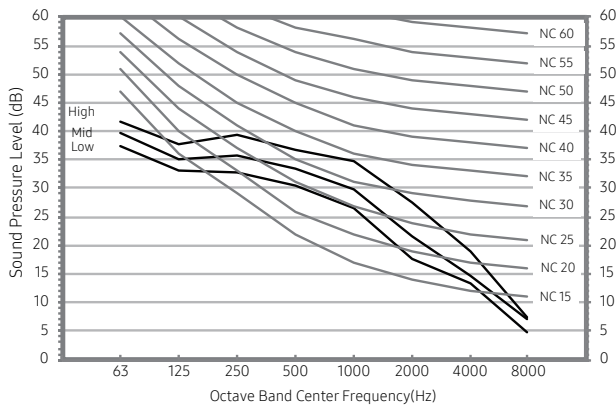
Unit: dB(A)



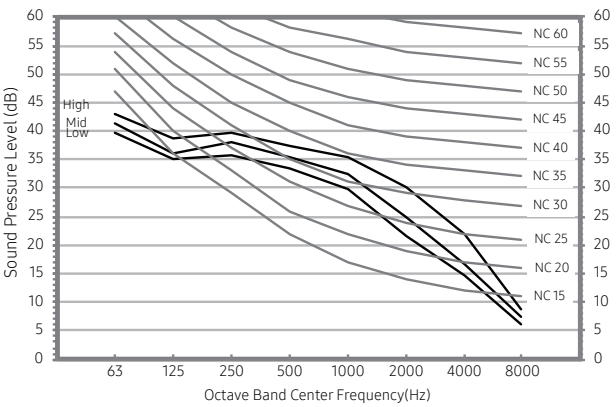
Model	High	MID	LOW
V22C018S4-4P	39	36	33
V22C020S4-4P	40	38	35

- NC Curve

5) V22C018S4-4P



6) V22C020S4-4P



NOTE

- Specifications may be subject to change without prior notice.
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted sound pressure level
 - Reference acoustic pressure 0 dB = 20μPa

Sound Data

4Way Cassette (600x600)

Sound Power level

NOTE

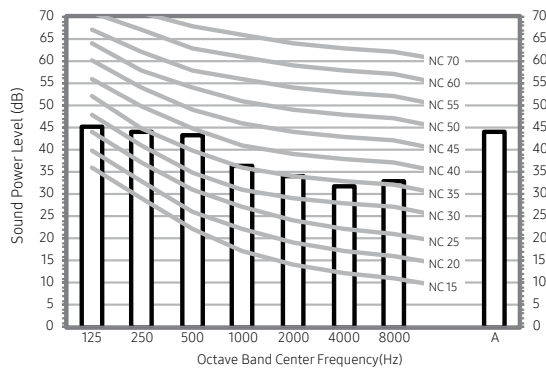
- Specifications may be subject to change without prior notice
 - Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level.
 - Reference power : 1pW.
 - Measured according to ISO 3741.

Unit: dB(A)

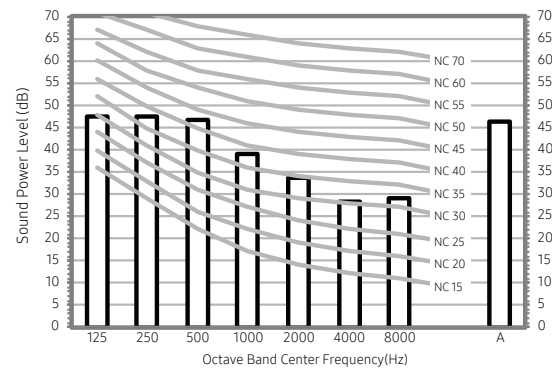
Model	Power
V22C005S4-4P	46
V22C007S4-4P	47
V22C009S4-4P	50
V22C012S4-4P	51

NC Curve

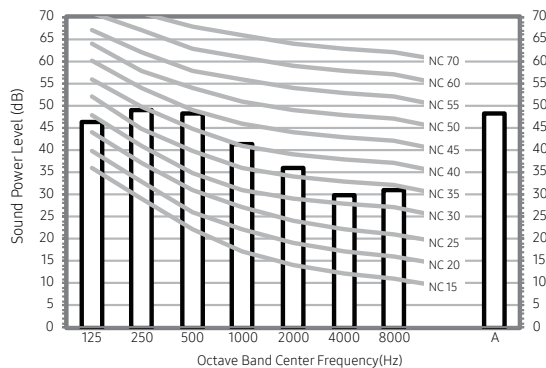
1) V22C005S4-4P



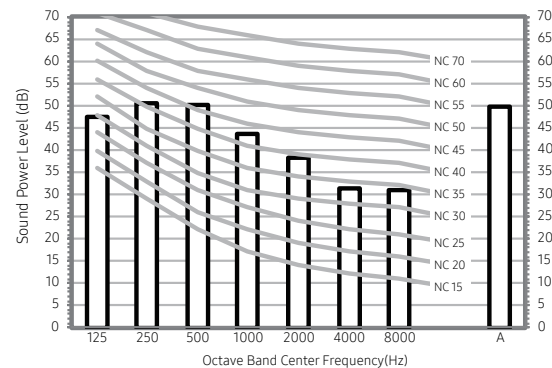
2) V22C007S4-4P



3) V22C009S4-4P



4) V22C012S4-4P



Sound Data

4Way Cassette (600x600)

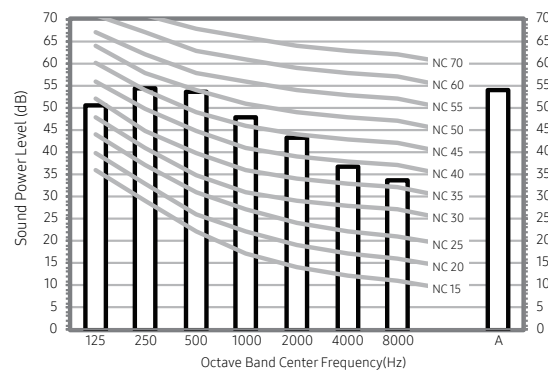
Sound Power level

 NOTE

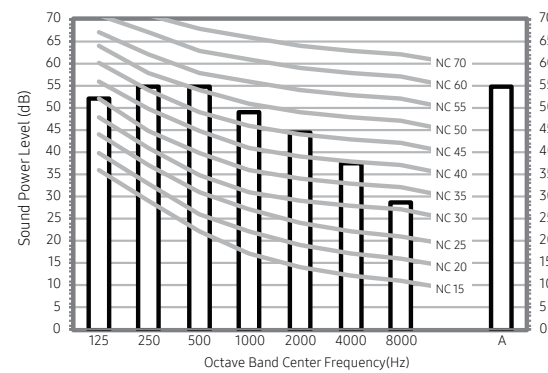
- Specifications may be subject to change without prior notice
 - Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level.
 - Reference power : 1pW.
 - Measured according to ISO 3741.

- NC Curve

5) V22C018S4-4P



6) V22C020S4-4P



Unit: dB(A)

Model	Power
V22C018S4-4P	56
V22C020S4-4P	57

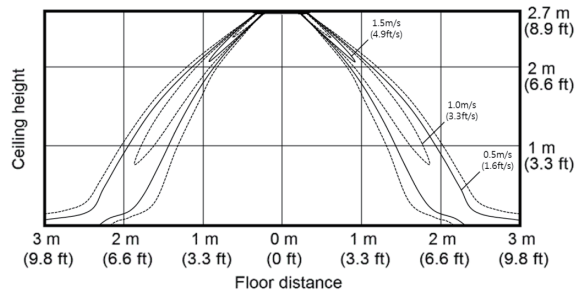
Temperature and air flow distribution

4Way Cassette (600x600)

V22C005S4-4P

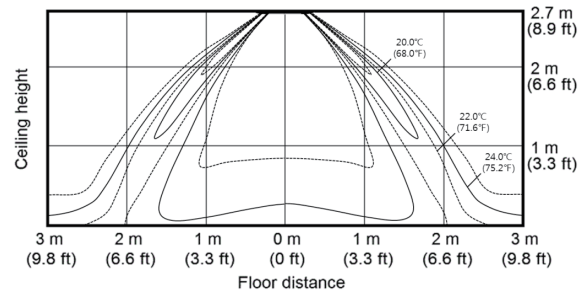
- Cooling Air Velocity distribution

Discharge angle : 41°



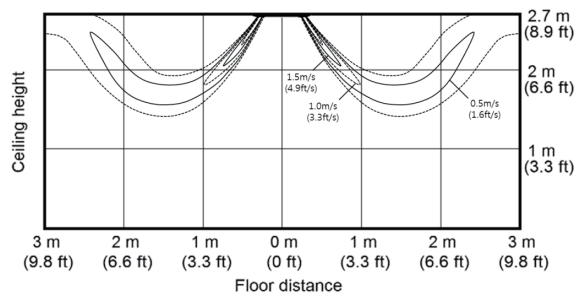
- Cooling Temperature distribution

Discharge angle : 41°



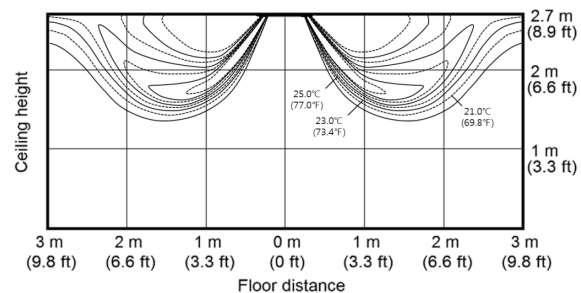
- Heating Air Velocity distribution

Discharge angle : 56°



- Heating Temperature distribution

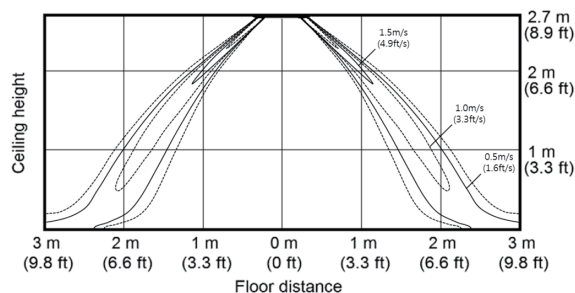
Discharge angle : 56°



V22C007S4-4P

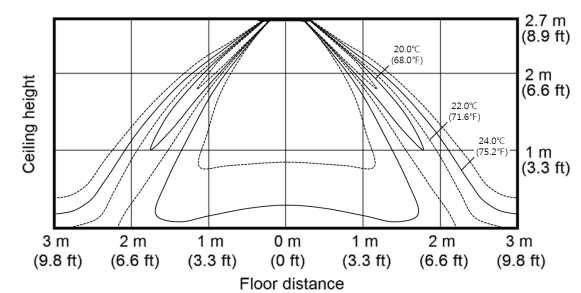
- Cooling Air Velocity distribution

Discharge angle : 41°



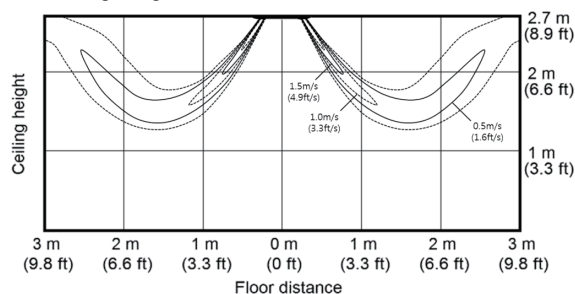
- Cooling Temperature distribution

Discharge angle : 41°



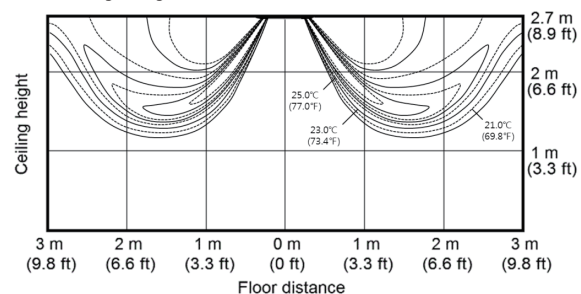
- Heating Air Velocity distribution

Discharge angle : 56°



- Heating Temperature distribution

Discharge angle : 56°



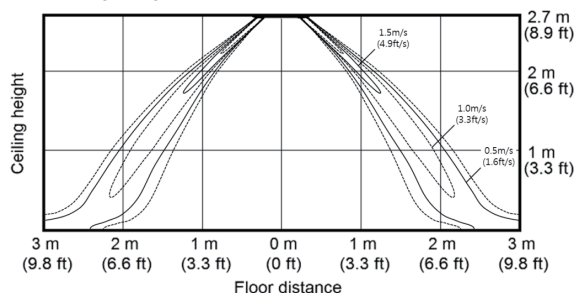
Temperature and air flow distribution

4Way Cassette (600x600)

V22C009S4-4P

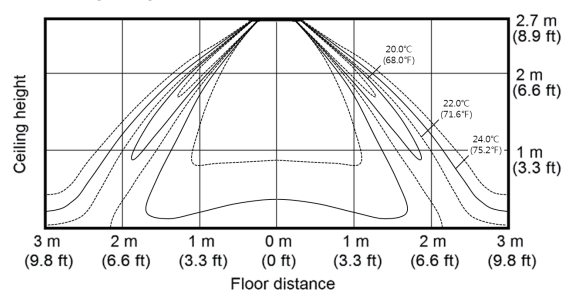
- Cooling Air Velocity distribution

Discharge angle : 41°



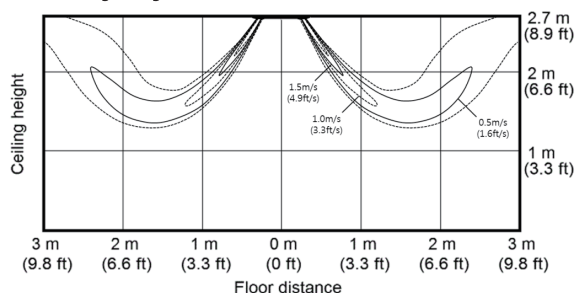
- Cooling Temperature distribution

Discharge angle : 41°



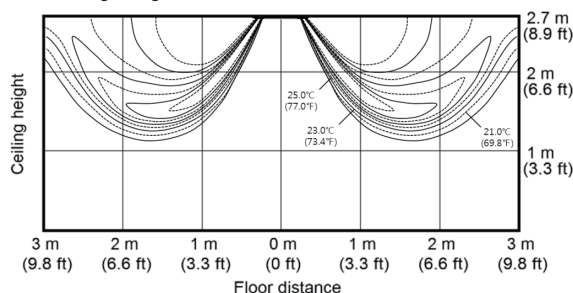
- Heating Air Velocity distribution

Discharge angle : 56°



- Heating Temperature distribution

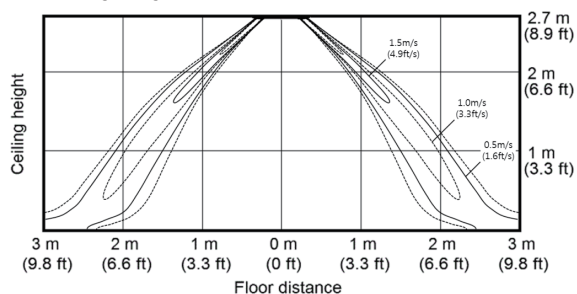
Discharge angle : 56°



V22C012S4-4P

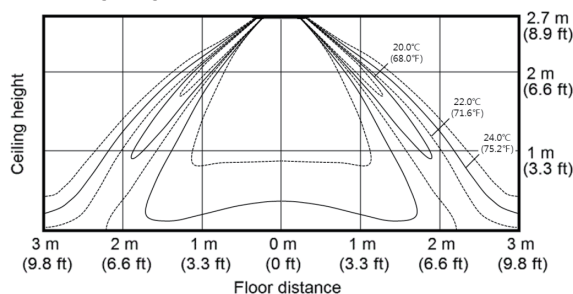
- Cooling Air Velocity distribution

Discharge angle : 41°



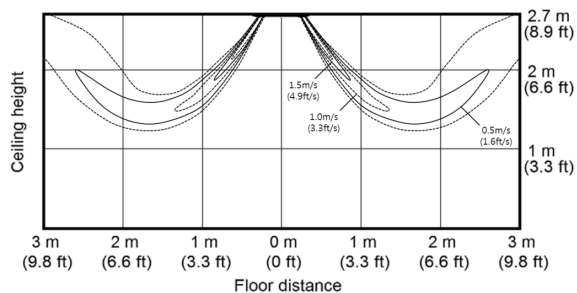
- Cooling Temperature distribution

Discharge angle : 41°



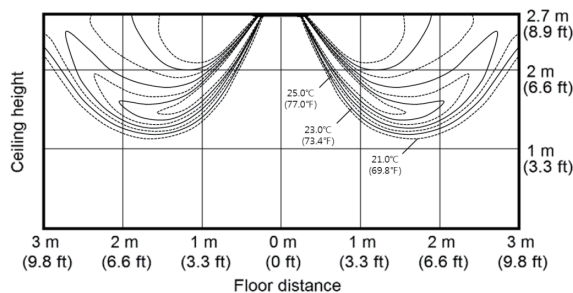
- Heating Air Velocity distribution

Discharge angle : 56°



- Heating Temperature distribution

Discharge angle : 56°



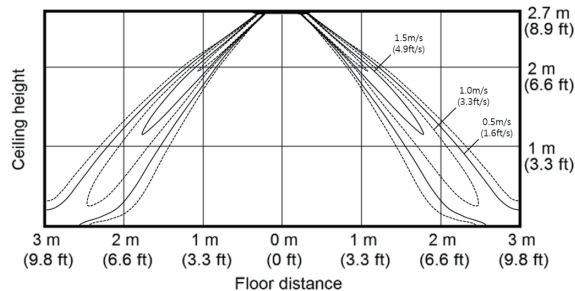
Temperature and air flow distribution

4Way Cassette (600x600)

V22C018S4-4P

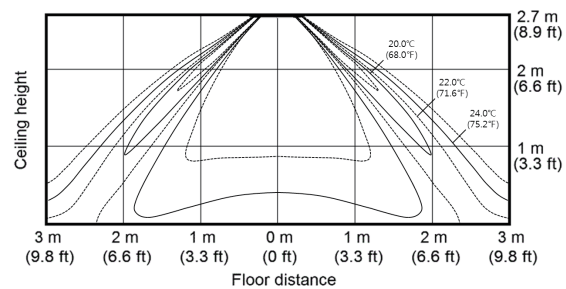
- Cooling Air Velocity distribution

Discharge angle : 41°



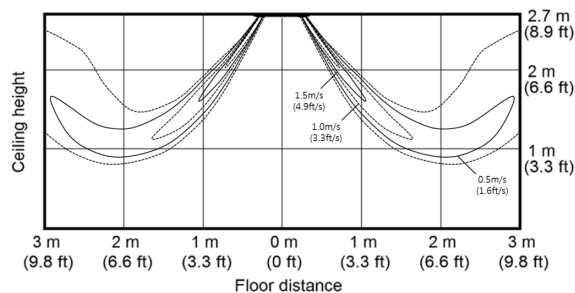
- Cooling Temperature distribution

Discharge angle : 41°



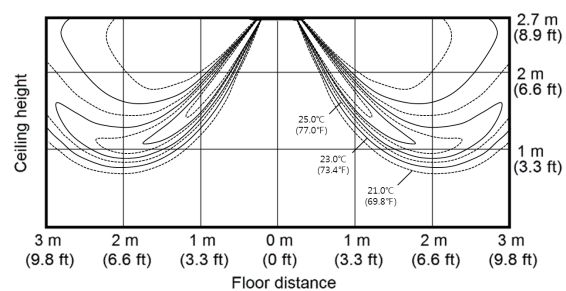
- Heating Air Velocity distribution

Discharge angle : 56°



- Heating Temperature distribution

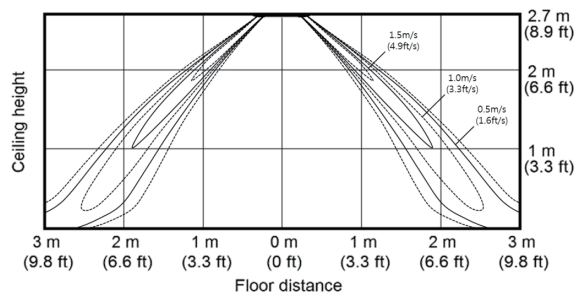
Discharge angle : 56°



V22C020S4-4P

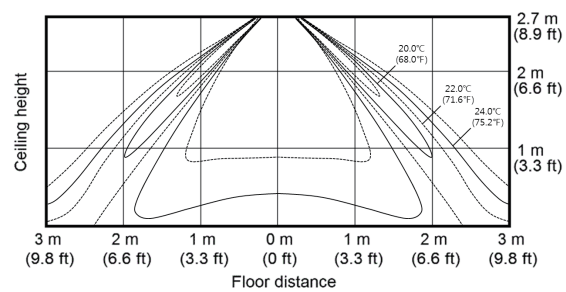
- Cooling Air Velocity distribution

Discharge angle : 41°



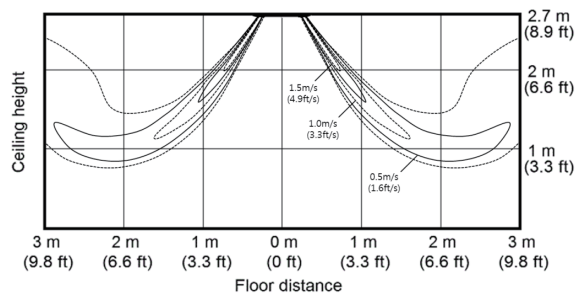
- Cooling Temperature distribution

Discharge angle : 41°



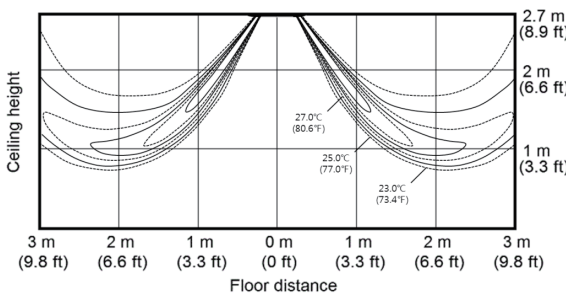
- Heating Air Velocity distribution

Discharge angle : 56°



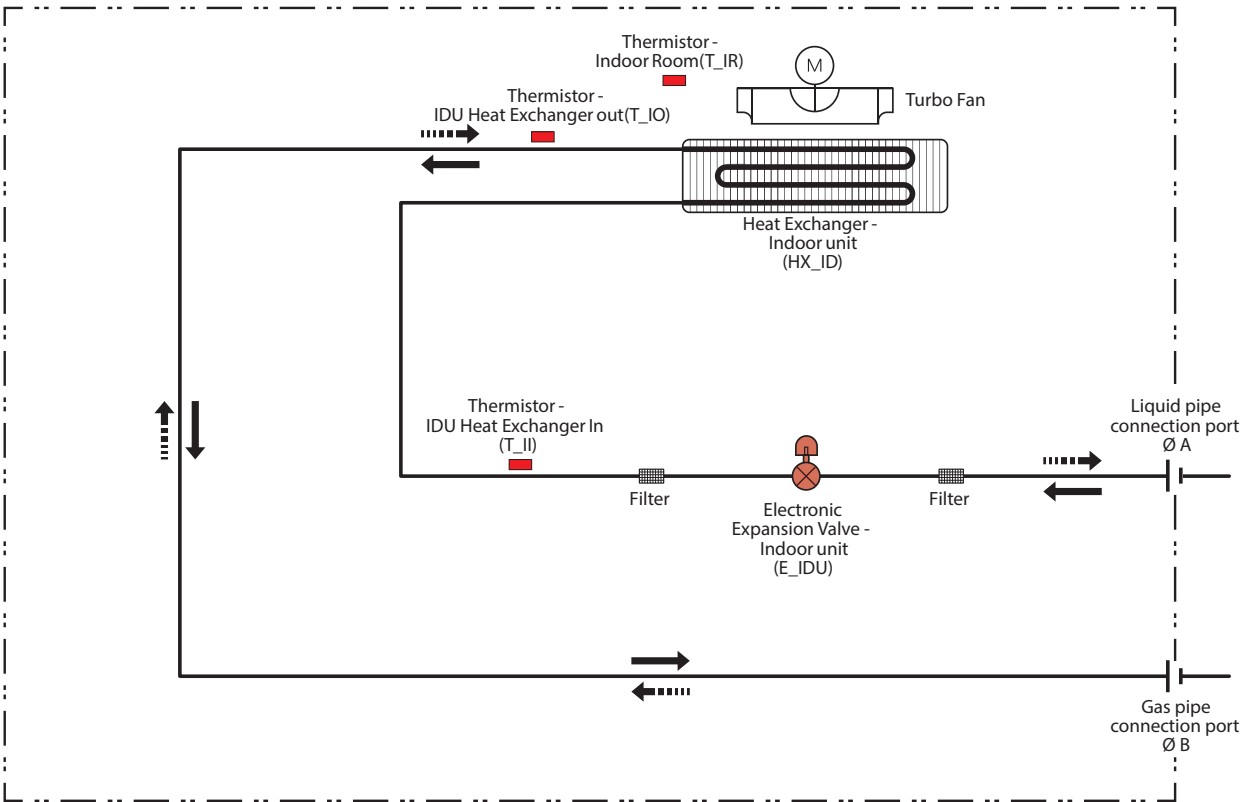
- Heating Temperature distribution

Discharge angle : 56°



Piping Diagram

4Way Cassette (600x600)



Refrigerant flow	
Cooling	Heating

Unit : inches

Model	High	Mid
V22C005S4-4P	1/4"	1/2"
V22C007S4-4P		
V22C009S4-4P		
V22C012S4-4P		
V22C018S4-4P		
V22C020S4-4P		



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