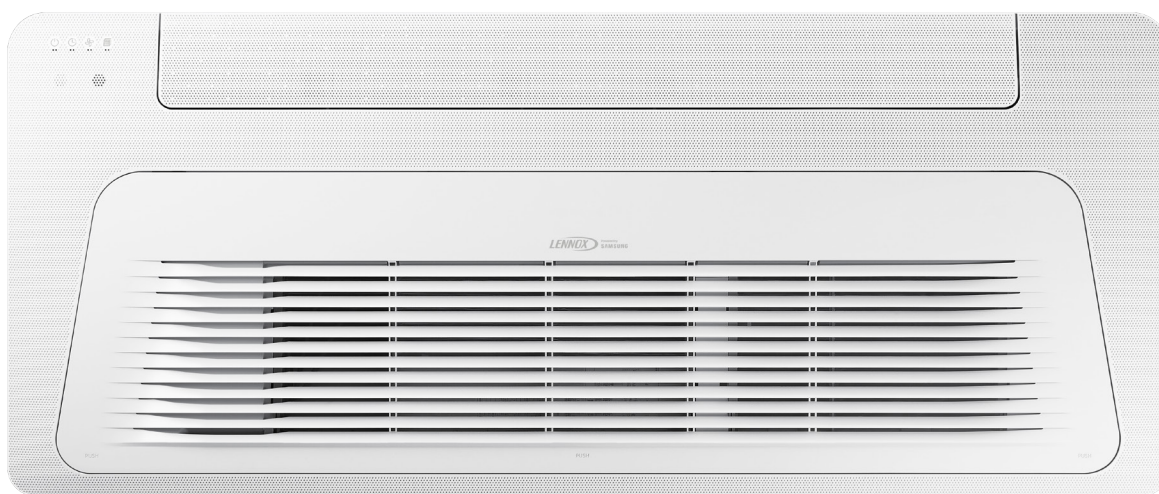
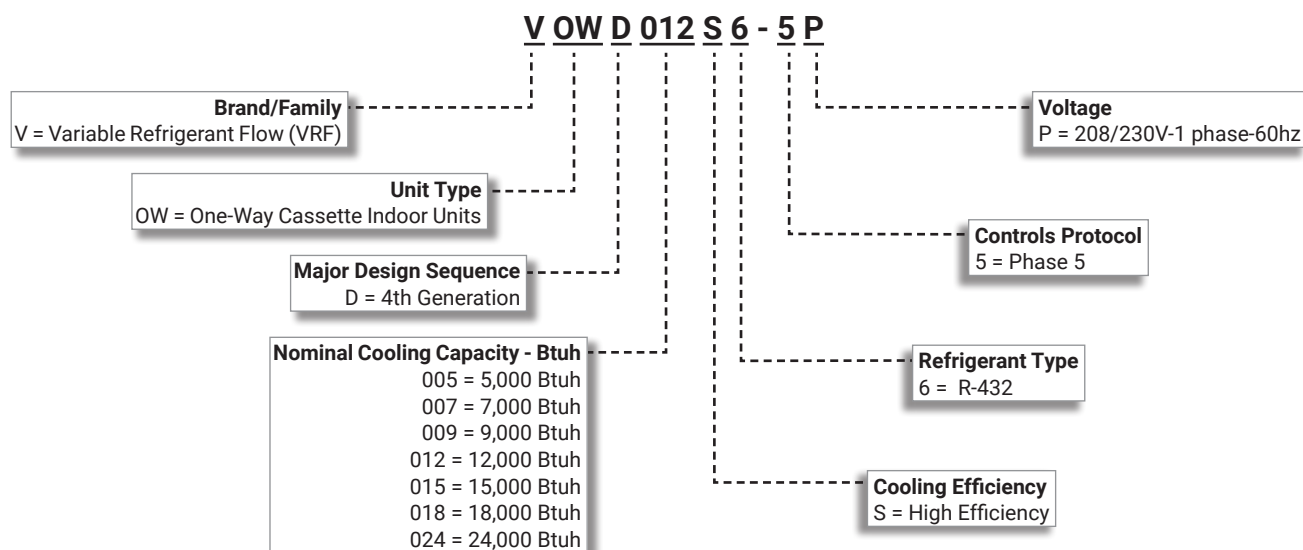


VOWDOne-Way Cassette Indoor Units | **R-32** | 60Hz

5,000 to 24,000 Btuh

**COMMERCIAL
PRODUCT SPECIFICATIONS (EHB)****MODEL NUMBER IDENTIFICATION**

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Specification

VOWD 1-Way Cassette

Model Name				VOWD005S6-5P	VOWD007S6-5P
Power Supply			Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP
Performance	Capacity	Cooling	Btu/h	5,000	7,500
			US RT	0.42	0.62
		Heating	Btu/h	6,000	7,800
			US RT	0.50	0.65
Power	Power Input	Cooling	W	24	25
		Heating	W	24	25
	Current Input	Cooling	A	0.14	0.15
		Heating	A	0.14	0.15
	Current	MCA	A	0.18	0.19
		MOP	A	15	15
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
	Fin Treatment		-	Green Hydrophile	Green Hydrophile
Fan	Type		-	Crossflow Fan	Crossflow Fan
	Quantity		EA	1	1
	Air Flow Rate	High / Med / Low	CMM	4.8 / 4.3 / 4.1	5.1 / 4.6 / 4.3
			CFM	170 / 152 / 145	180 / 162 / 152
			l/s	80 / 72 / 68	85 / 77 / 72
Fan Motor	Type		-	BLDC	BLDC
	Output		W × n	27 × 1	27 × 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection
			Φ, mm (inch)	12.70 (1/2)	12.70 (1/2)
	Heat insulation		-	Both liquid & gas pipes	Both liquid & gas pipes
Drain Pipe		Φ,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
Wiring Connections	Communication	Min.	mm ²	0.75	0.75
			AWG	18	18
	Remark		-	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32
	Control Method		-	EEV INCLUDED	EEV INCLUDED
Sound Level	Sound Pressure Level	High / Med / Low / Wind Free	dB(A)	28 / 26 / 24	29 / 26 / 24
	Sound Power Level	Cooling	dB(A)	46	47
Dimensions	Net Weight		kg	8.0	8.0
			lbs	17.6	17.6
	Shipping Weight		kg	10.2	10.2
			lbs	22.5	22.5
	Net Dimensions (W×H×D)		mm	740 x 135 x 360	740 x 135 x 360
			inch	29.13 x 5.31 x 14.17	29.13 x 5.31 x 14.17
	Shipping Dimensions (W×H×D)		mm	895 x 223 x 435	895 x 223 x 435
			inch	35.24 x 8.78 x 17.13	35.24 x 8.78 x 17.13
Casing Panel	Material		-	ABS	ABS
	Model Name		-	V1VOWD04CPWW	V1VOWD04CPWW
	Type		-	Wind Free	Wind Free
	Material		-	HIPS	HIPS
	Color		-	White	White
	Net Weight		kg	2.6	2.6
			lbs	5.73	5.73
	Shipping Weight		kg	3.8	3.8
			lbs	8.38	8.38
	Net Dimensions (WxHxD)		mm	960 x 34 x 420	960 x 34 x 420
			inch	37.80 x 1.34 x 16.54	37.80 x 1.34 x 16.54
	Shipping Dimensions (W×H×D)		mm	1,003 x 112 x 482	1,003 x 112 x 482
inch			39.49 x 4.41 x 18.98	39.49 x 4.41 x 18.98	
Additional Accessories	Drain pump		-	Included	Included
			in / gal/h	29.53 / 6.34	29.53 / 6.34
	Air Filter		-	Panel Included	Panel Included

• Specification may be subject to change without prior notice.

1) 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 piping length 7.5m(24.6ft), Level differences : 0m(0ft)

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

3) These products contain R32 (GWP=675) which is fluorinated greenhouse gas.

4) Select wire size based on the value of MCA

Specification

VOWD 1-Way Cassette

Model Name				VOWD009S6-5P	VOWD012S6-5P
Power Supply			Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP
Performance	Capacity	Cooling	Btu/h	9,500	12,000
			US RT	0.79	1.00
	Heating	Btu/h	10,500	13,500	
		US RT	0.87	1.12	
Power	Power Input	Cooling	W	45	50
		Heating	W	45	50
	Current Input	Cooling	A	0.23	0.25
		Heating	A	0.23	0.25
	Current	MCA	A	0.29	0.31
		MOP	A	15	15
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al
		Tube	-	Cu	Cu
	Fin Treatment		-	Green Hydrophile	Green Hydrophile
Fan	Type		-	Crossflow Fan	Crossflow Fan
	Quantity		EA	1	1
	Air Flow Rate	High / Med / Low	CMM	7.0 / 6.0 / 5.0	8.0 / 7.0 / 6.0
			CFM	247 / 212 / 177	283 / 247 / 212
			l/s	117 / 100 / 83	133 / 117 / 100
Fan Motor	Type		-	BLDC	BLDC
	Output		W × n	23 × 1	23 × 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection
			Φ, mm (inch)	12.70 (1/2)	12.70 (1/2)
	Heat insulation		-	Both liquid & gas pipes	Both liquid & gas pipes
Wiring Connections	Communication		Min.	mm²	0.75
	Remark			AWG	18
	Refrigerant	Type		-	F1, F2
Control Method		-	R32	R32	
Sound Level	Sound Pressure Level		-	EEV INCLUDED	EEV INCLUDED
	Sound Power Level	High / Med / Low / Wind Free	dB(A)	32 / 28 / 24	37 / 33 / 30
		Cooling	dB(A)	50	55
Dimensions	Net Weight		kg	9.7	9.7
			lbs	21.4	21.4
	Shipping Weight		kg	12.7	12.7
			lbs	28.0	28.0
	Net Dimensions (W×H×D)		mm	970 x 135 x 410	970 x 135 x 410
			inch	38.19 x 5.31 x 16.14	38.19 x 5.31 x 16.14
	Shipping Dimensions (W×H×D)		mm	1,173 x 231 x 487	1,173 x 231 x 487
			inch	46.18 x 9.09 x 19.17	46.18 x 9.09 x 19.17
Casing	Material		-	ABS	ABS
Panel	Model Name		-	V1VOWD03CPWW	V1VOWD03CPWW
	Type		-	Wind Free	Wind Free
	Material		-	HIPS	HIPS
	Color		-	White	White
	Net Weight		kg	4.3	4.3
			lbs	9.48	9.48
	Shipping Weight		kg	6.3	6.3
			lbs	13.89	13.89
	Net Dimensions (WxHxD)		mm	1,198 x 34 x 500	1,198 x 34 x 500
			inch	47.17 x 1.34 x 19.69	47.17 x 1.34 x 19.69
	Shipping Dimensions (W×H×D)		mm	1,262 x 122 x 566	1,262 x 122 x 566
inch			49.69 x 4.80 x 22.28	49.69 x 4.80 x 22.28	
Additional Accessories	Drain pump		-	Included	Included
			Max. lifting Height / Displacement	in / gal/h	29.53 / 6.34
	Air Filter		-	Panel Included	Panel Included

- Specification may be subject to change without prior notice.
- 1) 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 piping length 7.5m(24.6ft), Level differences : 0m(0ft)
- 2) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
- 3) These products contain R32 (GWP=675) which is fluorinated greenhouse gas.
- 4) Select wire size based on the value of MCA

Specification

VOWD 1-Way Cassette

Model Name				VOWD015S6-5P	VOWD018S6-5P	VOWD024S6-5P
Power Supply			Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	Capacity	Cooling	Btu/h	15,000	18,000	24,000
			US RT	1.25	1.50	2.00
		Heating	Btu/h	17,000	20,000	27,000
			US RT	1.42	1.67	2.25
Power	Power Input	Cooling	W	54	55	80
		Heating	W	54	55	80
	Current Input	Cooling	A	0.26	0.28	0.40
		Heating	A	0.26	0.28	0.40
	Current	MCA	A	0.33	0.35	0.50
		MOP	A	15	15	15
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Green Hydrophile	Green Hydrophile	Green Hydrophile
Fan	Type		-	Crossflow Fan	Crossflow Fan	Crossflow Fan
	Quantity		EA	1	1	1
	Air Flow Rate	High / Med / Low	CMM	11.1 / 10.7 / 9.7	16.0 / 14.0 / 12.5	17.0 / 15.5 / 14.0
			CFM	392 / 378 / 343	565 / 494 / 441	600 / 547 / 494
			l/s	185 / 178 / 162	267 / 233 / 208	283 / 258 / 233
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W × n	54 × 1	54 × 1	54 × 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	9.52 (3/8)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	12.70 (1/2)	12.70 (1/2)	15.88 (5/8)
	Heat insulation		-	Both liquid & gas pipes	Both liquid & gas pipes	Both liquid & gas pipes
Drain Pipe		Φ,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	
Wiring Connections	Communication	Min.	mm²	0.75	0.75	0.75
			AWG	18	18	18
	Remark		-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound Level	Sound Pressure Level	High / Med / Low / Wind Free	dB(A)	38 / 37 / 34	41 / 38 / 35	43 / 40 / 37
	Sound Power Level	Cooling	dB(A)	57	58	60
Dimensions	Net Weight		kg	13.0	13.0	13.0
			lbs	28.7	28.7	28.7
	Shipping Weight		kg	16.5	16.5	16.5
			lbs	36.4	36.4	36.4
	Net Dimensions (W×H×D)		mm	1,200 x 138 x 450	1,200 x 138 x 450	1,200 x 138 x 450
			inch	47.24 x 5.43 x 17.72	47.24 x 5.43 x 17.72	47.24 x 5.43 x 17.72
	Shipping Dimensions (W×H×D)		mm	1,435 x 224 x 525	1,435 x 224 x 525	1,435 x 224 x 525
			inch	56.50 x 8.82 x 20.67	56.50 x 8.82 x 20.67	56.50 x 8.82 x 20.67
Casing	Material		-	ABS	ABS	ABS
Panel	Model Name		-	V1VOWD05CPWW	V1VOWD05CPWW	V1VOWD05CPWW
	Type		-	Wind Free	Wind Free	Wind Free
	Material		-	HIPS	HIPS	HIPS
	Color		-	White	White	White
	Net Weight		kg	5.0	5.0	5.0
			lbs	11.02	11.02	11.02
	Shipping Weight		kg	7.0	7.0	7.0
			lbs	15.44	15.44	15.44
	Net Dimensions (WxHxD)		mm	1,410 x 34 x 500	1,410 x 34 x 500	1,410 x 34 x 500
			inch	55.51 x 1.34 x 19.69	55.51 x 1.34 x 19.69	55.51 x 1.34 x 19.69
	Shipping Dimensions (W×H×D)		mm	1,474 x 122 x 566	1,474 x 122 x 566	1,474 x 122 x 566
			inch	58.03 x 4.80 x 22.28	58.03 x 4.80 x 22.28	58.03 x 4.80 x 22.28
Additional Accessories	Drain pump		-	Included	Included	Included
			in / gal/h	29.53 / 6.34	29.53 / 6.34	29.53 / 6.34
	Air Filter		-	Panel Included	Panel Included	Panel Included

- Specification may be subject to change without prior notice.
- 1) 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 piping length 7.5m(24.6ft), Level differences : 0m(0ft)
- 2) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
- 3) These products contain R32 (GWP=675) which is fluorinated greenhouse gas.
- 4) Select wire size based on the value of MCA

Summary Table

VOWD 1-Way Cassette

Performance Characteristics

Model Code	Net Weight (lbs)	Fan Speed	Nominal Capacity (Btu/h)			Airflow (CFM)	Sound Pressure (dBA)	Sound Power (dBA)
			Cooling	Sensible	Heating			
VOWD005S6-5P	17.6	High	5,000	3,400	6,000	170	28	46
		Mid	4,500	3,100	5,700	152	26	-
		Low	4,400	3,000	5,500	145	24	-
VOWD007S6-5P	17.6	High	7,500	5,100	7,800	180	29	47
		Mid	6,900	4,700	7,400	162	26	-
		Low	6,500	4,400	7,200	152	24	-
VOWD009S6-5P	22.0	High	9,500	6,400	10,500	247	32	50
		Mid	8,300	5,600	9,700	212	28	-
		Low	7,000	4,700	8,900	177	24	-
VOWD012S6-5P	22.0	High	12,000	8,700	13,500	283	37	55
		Mid	10,700	7,800	12,600	247	33	-
		Low	9,300	6,700	11,700	212	30	-
VOWD015S6-5P	28.7	High	15,000	10,800	17,000	392	38	57
		Mid	14,500	10,900	16,700	378	37	-
		Low	13,300	10,000	15,900	343	34	-
VOWD018S6-5P	28.7	High	18,000	13,500	20,000	565	41	58
		Mid	16,000	12,000	18,700	494	38	-
		Low	14,400	10,800	17,700	441	35	-
VOWD024S6-5P	28.7	High	24,000	17,000	27,000	600	43	60
		Mid	22,200	15,600	25,800	547	40	-
		Low	20,200	14,200	24,500	494	37	-

NOTE

- Sound data is based on cooling operation.

Electric Characteristics

Model Code	Power Supply (Φ, #, V, Hz)	Power Input (W)	Current Input (A)	MCA (A)	MOP (A)	FLA (A)
VOWD005S6-5P	1,2,208-230,60	24.00	0.14	0.18	15	0.14
VOWD007S6-5P	1,2,208-230,60	25.00	0.15	0.19	15	0.15
VOWD009S6-5P	1,2,208-230,60	45.00	0.23	0.29	15	0.23
VOWD012S6-5P	1,2,208-230,60	50.00	0.25	0.31	15	0.25
VOWD015S6-5P	1,2,208-230,60	54.00	0.26	0.33	15	0.26
VOWD018S6-5P	1,2,208-230,60	55.00	0.28	0.35	15	0.28
VOWD024S6-5P	1,2,208-230,60	80.00	0.40	0.50	15	0.40

NOTE

- MCA : Minimum circuit amperes
- MOP: Maximum Overcurrent Protective Device
- FLA: Full load amperes
- Select wire size based on the value of MCA

Capacity Table

VOWD 1-Way Cassette

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Model	Outdoor temperature (°F, DB)	Indoor temperature (°F, DB / WB)													
		57		61		64		67		70		72		75	
		TC Btu/h	SHC Btu/h	TC Btu/h	SHC Btu/h	TC Btu/h	SHC Btu/h	TC Btu/h	SHC Btu/h	TC Btu/h	SHC Btu/h	TC Btu/h	SHC Btu/h	TC Btu/h	SHC Btu/h
VOWD005S6-5P	95	3,400	2,900	4,100	3,200	4,800	3,400	5,000	3,400	5,200	3,400	5,500	3,400	5,900	3,200
VOWD007S6-5P	95	5,100	4,400	6,100	4,800	7,200	5,100	7,500	5,100	7,800	5,100	8,200	5,100	8,900	4,800
VOWD009S6-5P	95	6,400	5,400	7,800	6,100	8,800	6,400	9,500	6,400	9,800	6,400	10,500	6,400	11,200	6,100
VOWD012S6-5P	95	8,300	7,300	9,700	8,000	11,300	8,000	12,000	8,700	12,300	8,700	13,300	8,700	14,000	8,000
VOWD015S6-5P	95	10,400	8,800	12,300	10,200	14,200	11,000	15,000	11,300	15,500	11,200	16,600	11,200	17,700	10,700
VOWD018S6-5P	95	12,500	10,600	14,800	12,200	17,100	13,200	18,000	13,500	18,700	13,500	20,000	13,500	21,200	12,900
VOWD024S6-5P	95	16,600	13,600	19,600	15,200	22,700	16,200	24,000	16,900	25,000	16,900	26,800	16,900	28,500	16,300

Heating

TC : Total Capacity

Model	Outdoor temperature (°F, DB)		Indoor temperature (°F, DB)				
			61	65	70	72	75
			TC	TC	TC	TC	TC
	DB	WB	Btu/h	Btu/h	Btu/h	Btu/h	Btu/h
VOWD005S6-5P	47	43	6,800	6,500	6,000	5,500	5,300
VOWD007S6-5P	47	43	8,800	8,400	7,800	7,200	6,900
VOWD009S6-5P	47	43	11,200	10,800	10,500	10,200	9,100
VOWD012S6-5P	47	43	14,400	14,400	13,500	13,000	11,900
VOWD015S6-5P	47	43	17,600	17,200	17,000	15,700	14,300
VOWD018S6-5P	47	43	20,700	20,300	20,000	18,400	16,800
VOWD024S6-5P	47	43	27,700	27,300	27,000	24,900	22,900

NOTE

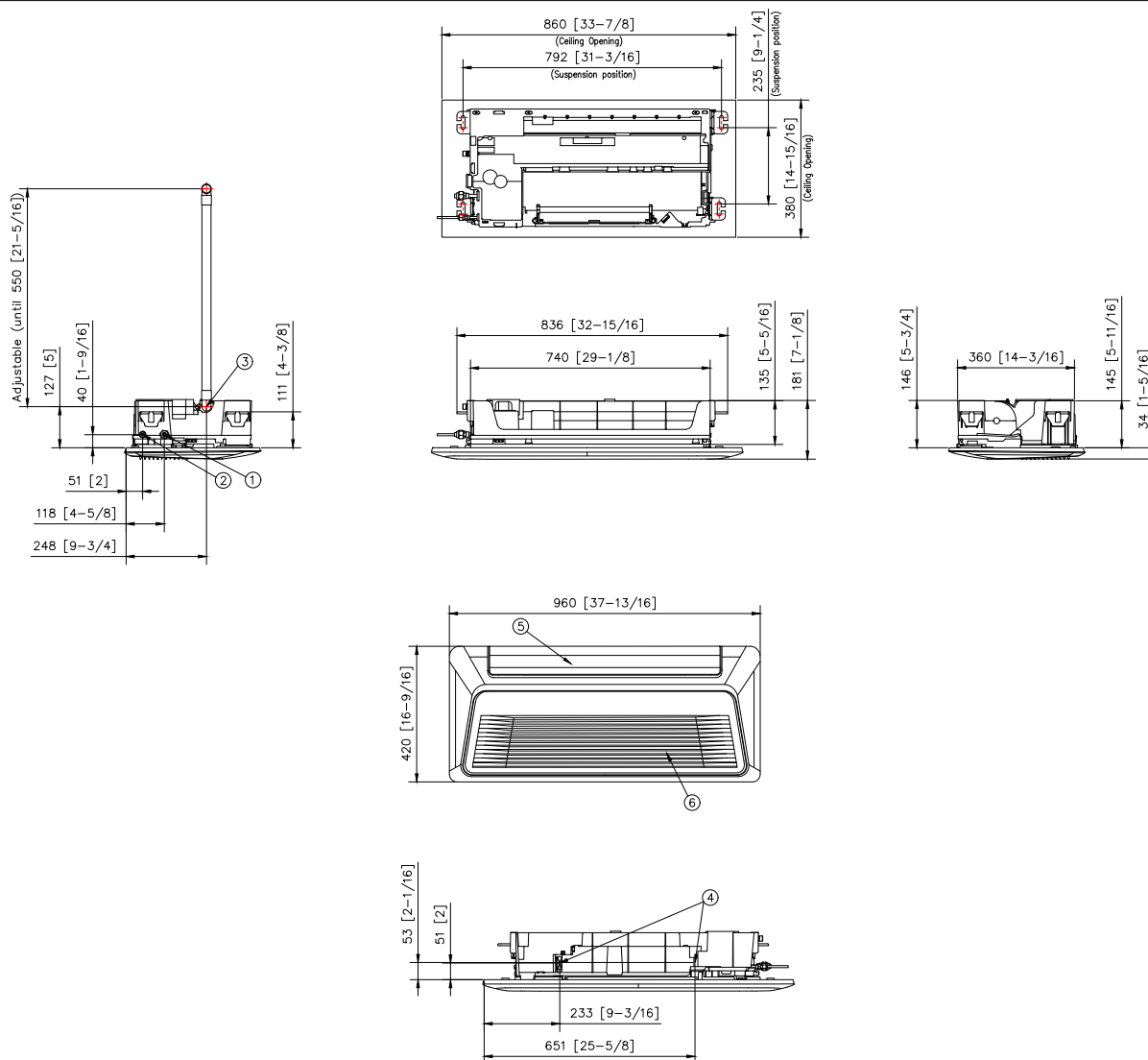
- The performance table shows the average value of each conditions.

Dimensional Drawing

VOWD 1-Way Cassette

VOWD005S6-5P, VOWD007S6-5P

Units : mm [inches]



No.	Name	Description
1	Gas pipe connection	Φ 12.7 [1/2]
2	Liquid pipe connection	Φ 6.35 [1/4]
3	Drain pipe connection	VP-25(OD32, ID25)
4	Power supply & Communication wiring conduit	-
5	Air outlet louver	-
6	Air inlet grille	-

NOTE

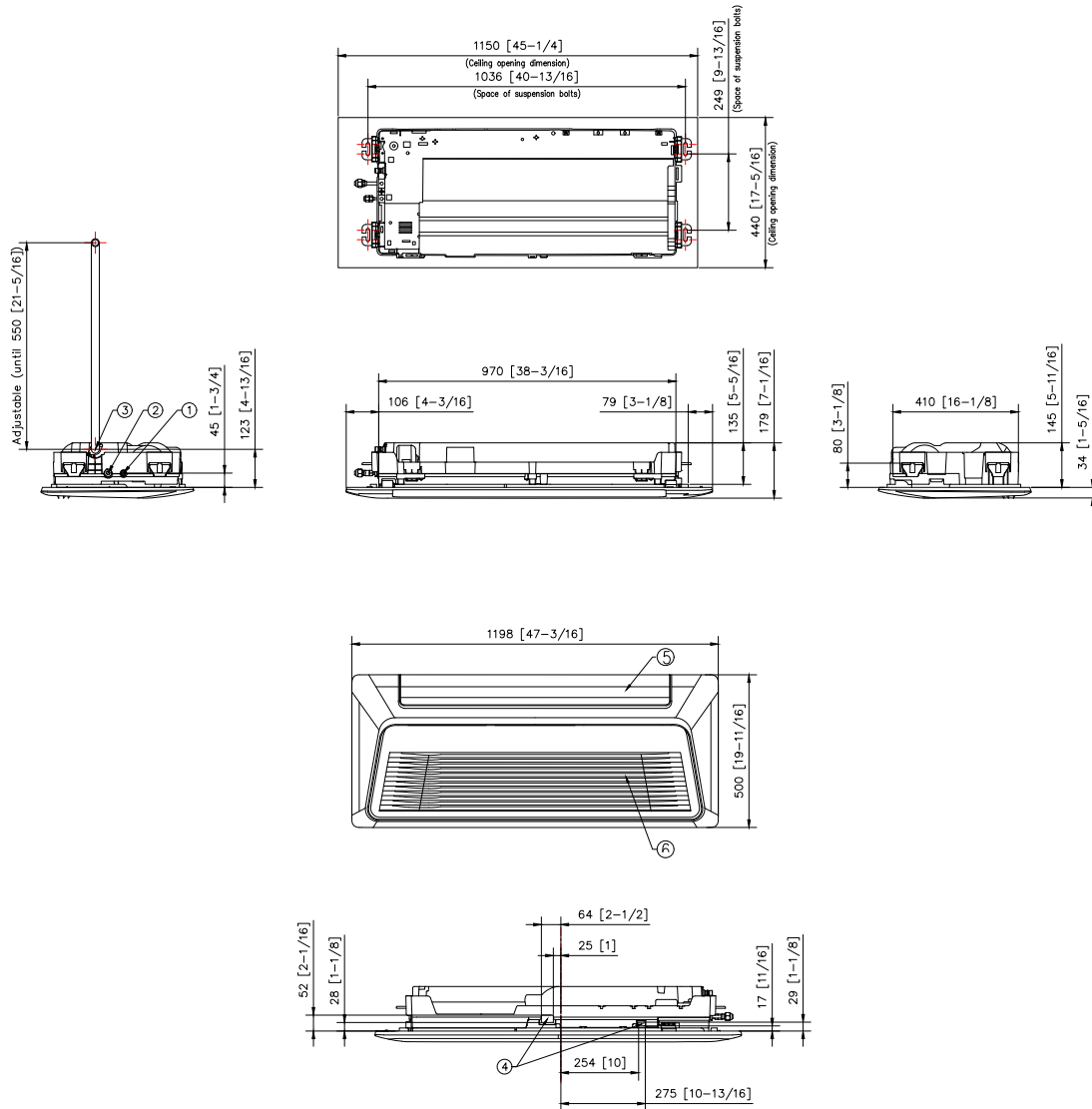
- As for suspension bolt, please use M8 ~ M10.
(Procured at local site)

Dimensional Drawing

VOWD 1-Way Cassette

VOWD009S6-5P, VOWD012S6-5P

Units : mm [inches]



No.	Name	Description
1	Liquid pipe connection	Φ 6.35 [1/4]
2	Gas pipe connection	Φ 12.7 [1/2]
3	Drain pipe connection	VP-25(OD32, ID25)
4	Power supply & Communication wiring conduit	-
5	Air outlet louver	-
6	Air inlet grille	-

NOTE

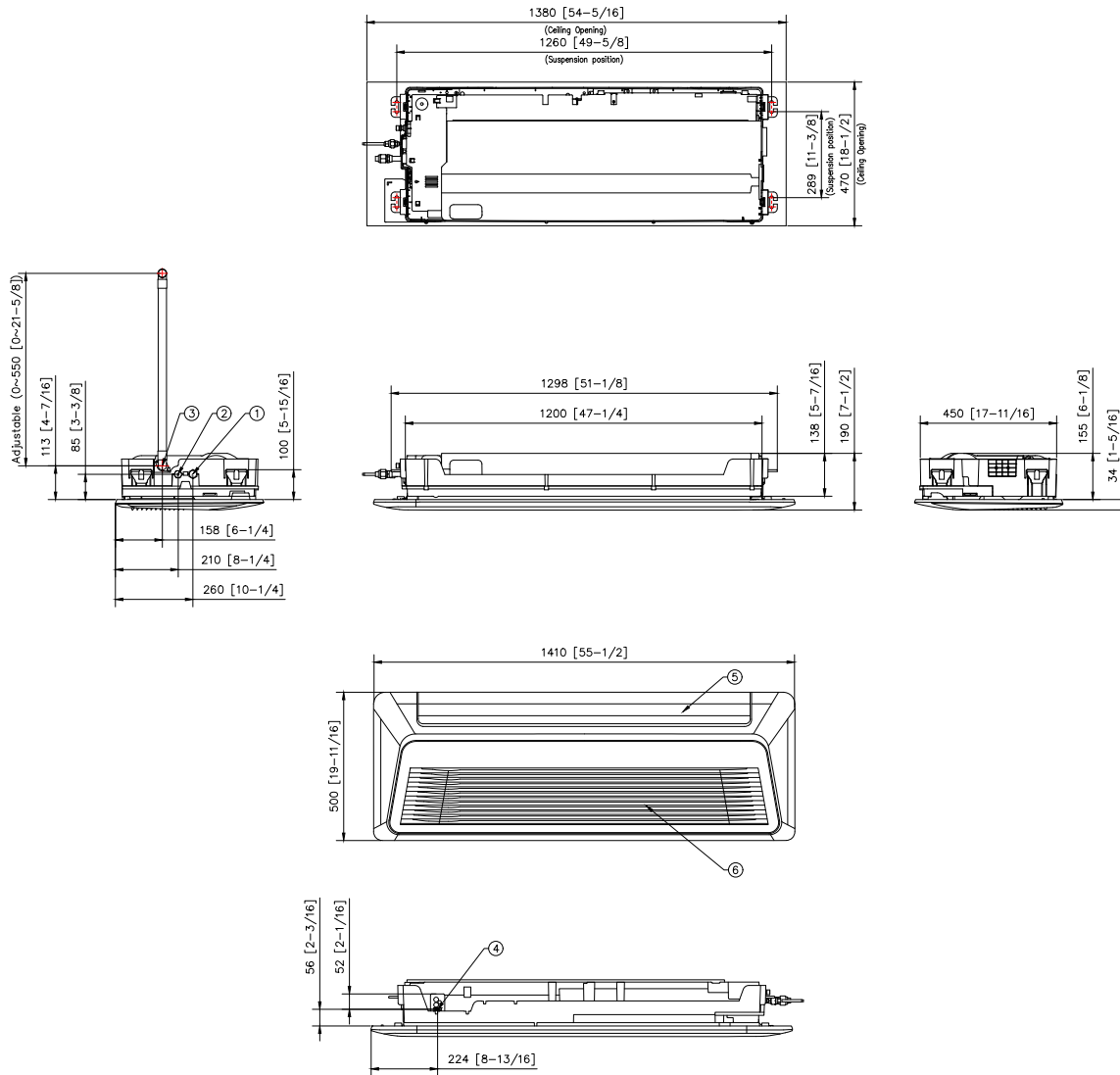
- As for suspension bolt, please use M8 ~ M10.
(Procured at local site)

Dimensional Drawing

VOWD 1-Way Cassette

VOWD015S6-5P, VOWD018S6-5P, VOWD024S6-5P

Units : mm [inches]



No.	Name	Description	
		VOWD015/018S6-5P	VOWD024S6-5P
1	Gas pipe connection	Φ 12.7 [1/2]	Φ 15.88 [5/8]
2	Liquid pipe connection	Φ 6.35 [1/4]	Φ 9.52 [3/8]
3	Drain pipe connection	VP-25(OD32, ID25)	
4	Power supply & Communication wiring conduit	-	
5	Air outlet louver	-	
6	Air inlet grille	-	

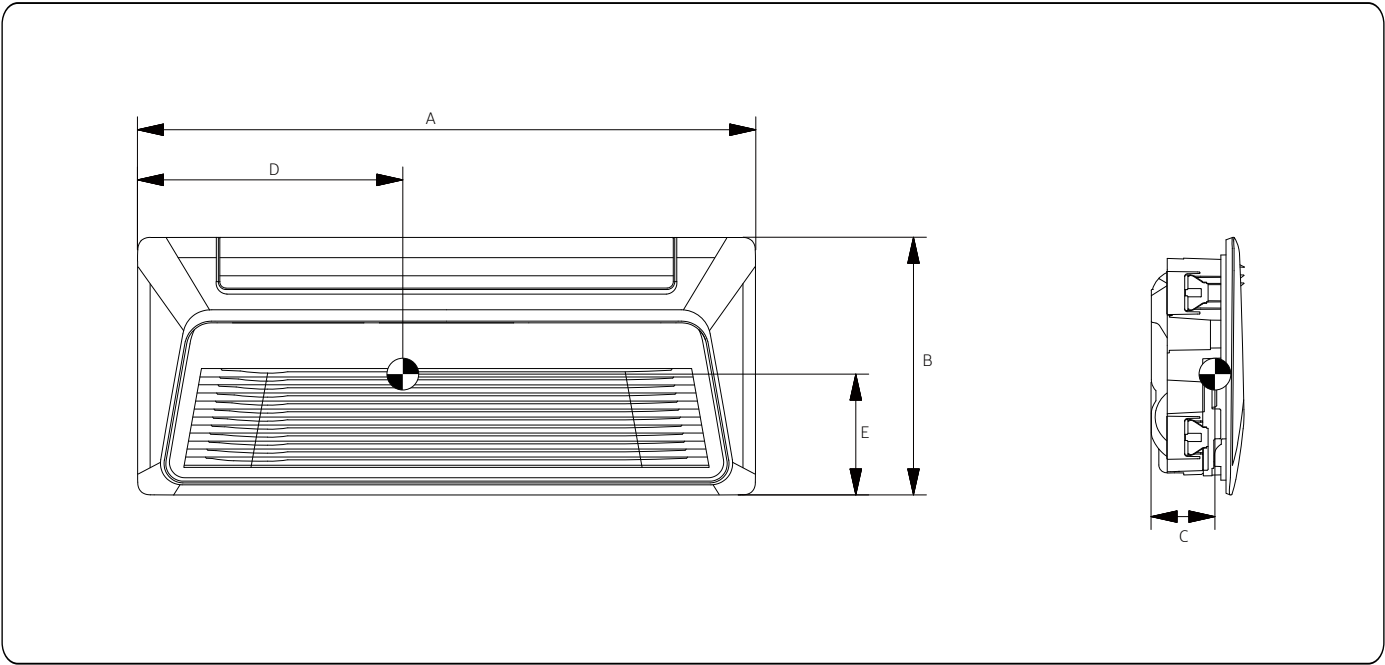
NOTE

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

Center of Gravity

VOWD 1-Way Cassette

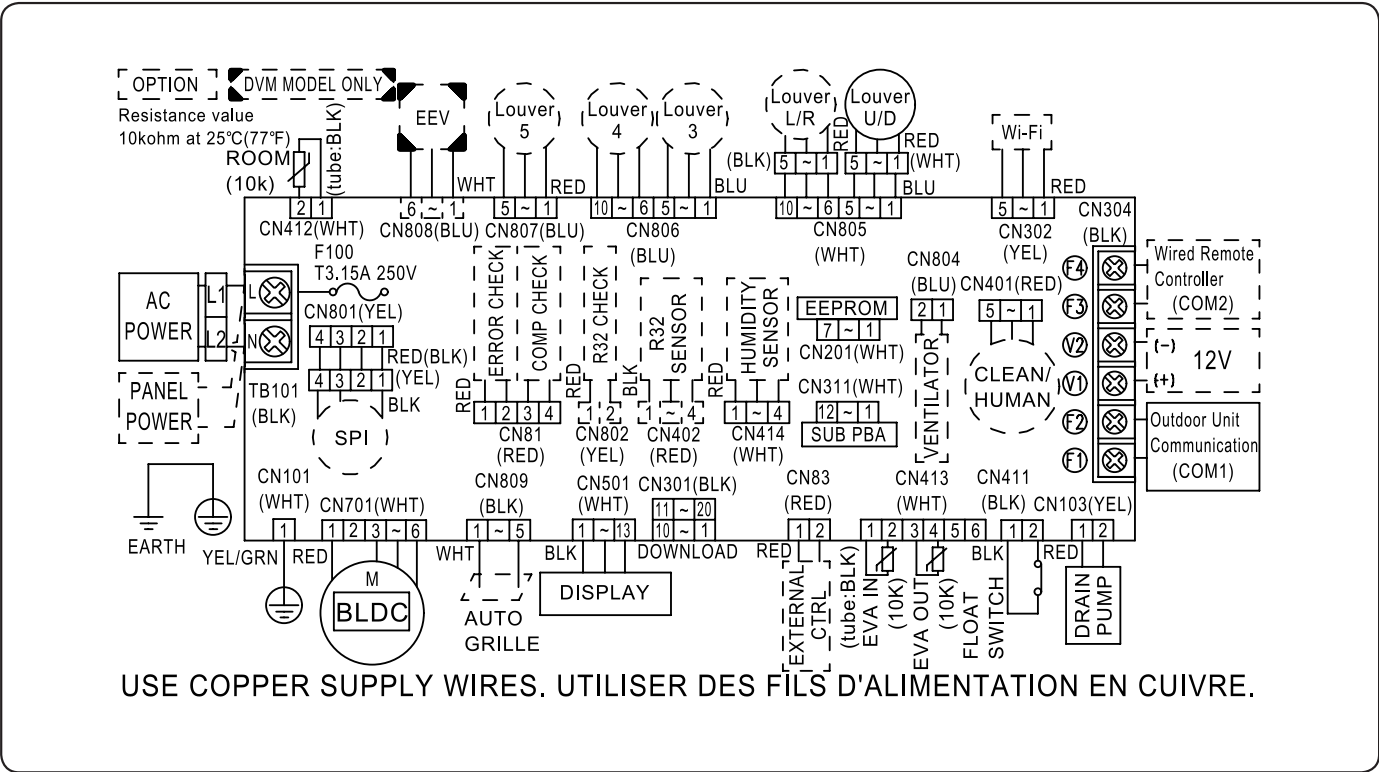
Units : mm [inches]



Model	A	B	C	D	E
VOWD005S6-5P VOWD007S6-5P	960 [37-13/16]	420 [16-9/16]	108 [4-1/4]	465 [18-5/16]	160 [6-5/16]
VOWD009S6-5P VOWD012S6-5P	1,198 [47-3/16]	500 [19-11/16]	108 [4-1/4]	555 [21-7/8]	200 [7-7/8]
VOWD015S6-5P VOWD018S6-5P VOWD024S6-5P	1,410 [55-1/2]	500 [19-11/16]	108 [4-1/4]	755 [29-3/4]	200 [7-7/8]

Electrical Wiring Diagram

VOWD 1-Way Cassette



F100	FUSE	ROOM(10K)	Thermistor - Indoor Room
EEV	Electronic Expansion Valve	EVA-IN(10K)	Thermistor - IDU heat exchanger In
M-BLDC	Motor for Indoor Fan	EVA-OUT(10K)	Thermistor - IDU heat exchanger Out
		EXTERNAL CTRL	External Control

NOTE

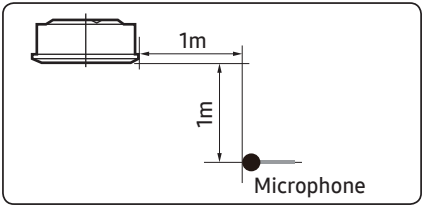
- This wiring diagram applies only to the Indoor unit.
- Symbols show as follow :
BLK: black, RED: red, BLU: blue, WHT: white, YEL: yellow, BRN: brown, SKY: sky blue, GRN: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
- Protective earth(screw), : connector, : The wire quantity

Sound Data

VOWD 1-Way Cassette

Sound Pressure level

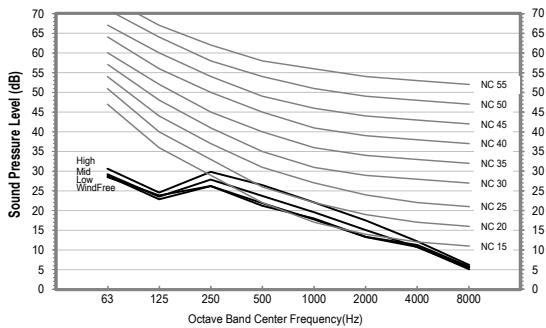
Unit: dB(A)



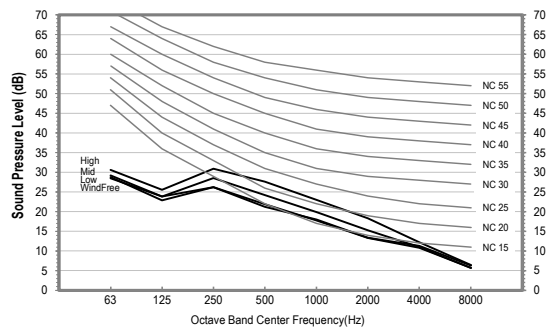
Model	High	Mid	Low	WindFree
VOWD005S6-5P	28	26	24	24
VOWD007S6-5P	29	26	24	24
VOWD009S6-5P	32	28	24	24
VOWD012S6-5P	37	33	30	30

- NC Curve

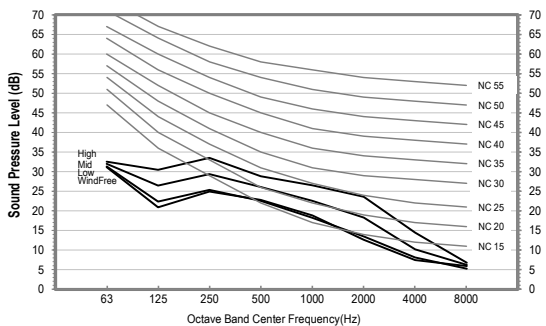
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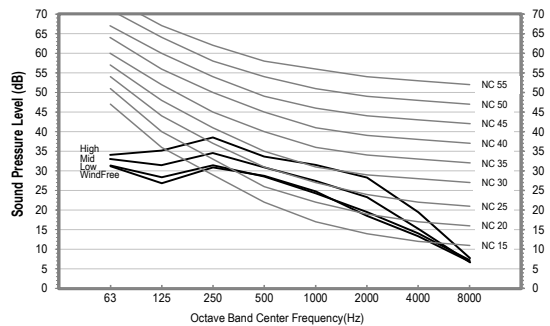
2) VOWD007S6-5P



3) VOWD009S6-5P



4) VOWD012S6-5P



NOTE

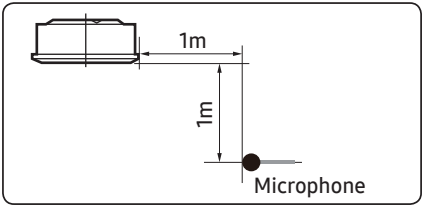
- Specifications may be subject to change without prior notice.
- Sound pressure level is obtained in an anechoic room.
- Sound pressure level is a relative value, depending on the distance and acoustic environment.
- Sound pressure level may differ depending on operation condition.
- dBA = A weighted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

Sound Data

VOWD 1-Way Cassette

Sound Pressure level

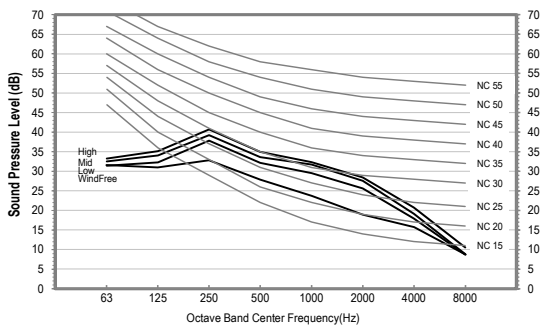
Unit: dB(A)



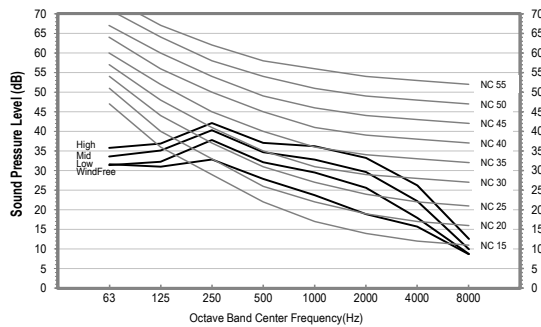
Model	High	Mid	Low	WindFree
VOWD015S6-5P	38	37	34	34
VOWD018S6-5P	41	38	35	35
VOWD024S6-5P	43	40	37	37

- NC Curve

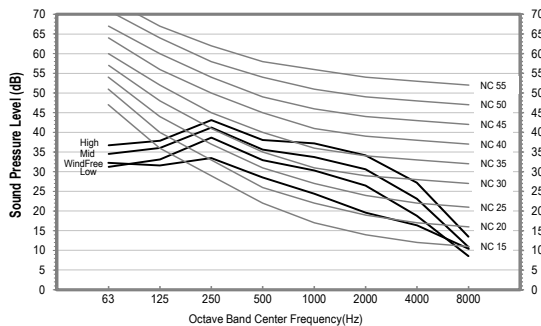
1) VOWD015S6-5P



2) VOWD018S6-5P



3) VOWD024S6-5P



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

VOWD 1-Way Cassette

Sound Power level

Unit: dB(A)

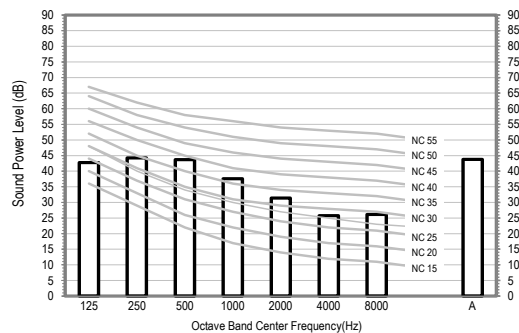
NOTE

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

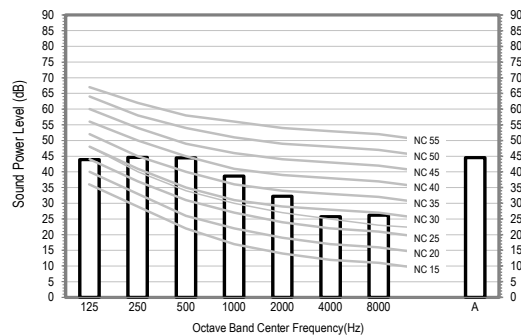
Model	Power
VOWD005S6-5P	46
VOWD007S6-5P	47
VOWD009S6-5P	50
VOWD012S6-5P	55

NC Curve

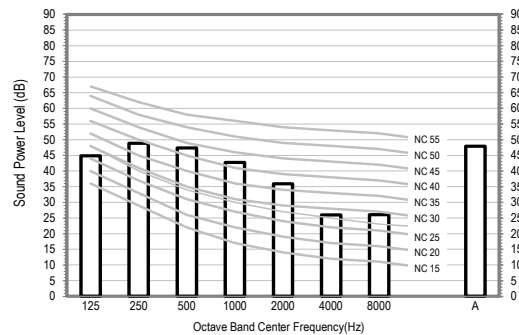
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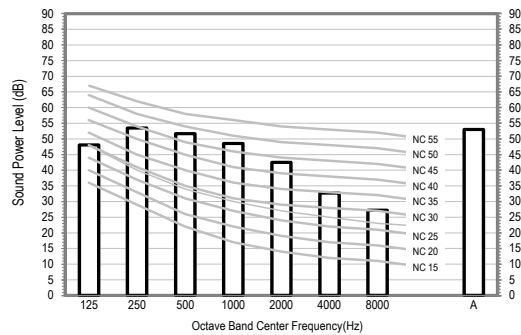
2) VOWD007S6-5P



3) VOWD009S6-5P



4) VOWD012S6-5P



Sound Data

VOWD 1-Way Cassette

Sound Power level

Unit: dB(A)

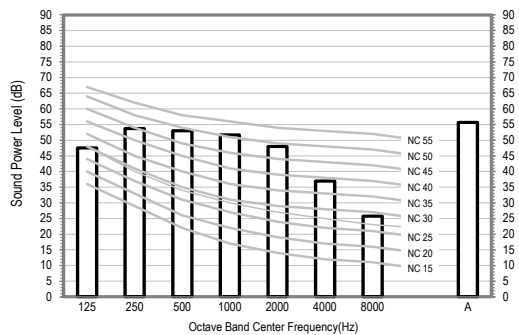
NOTE

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

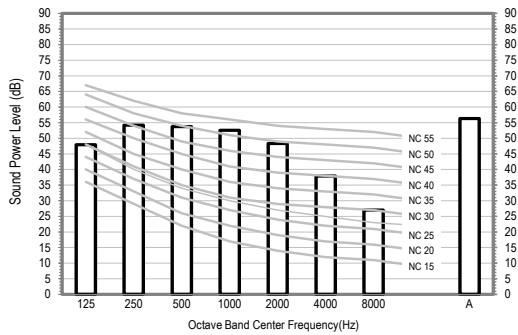
Model	Power
VOWD015S6-5P	57
VOWD018S6-5P	58
VOWD024S6-5P	60

• NC Curve

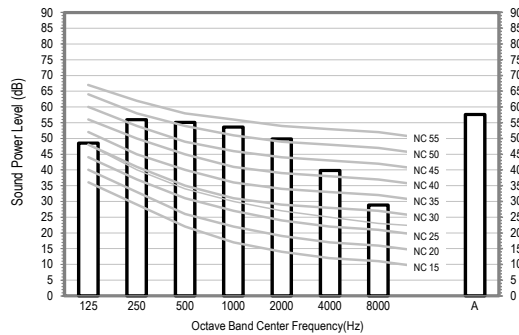
1) VOWD015S6-5P



2) VOWD018S6-5P



3) VOWD024S6-5P

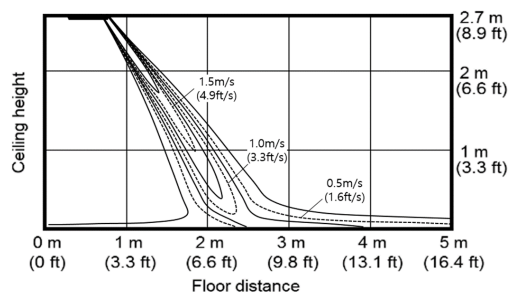


Temperature and air flow distribution

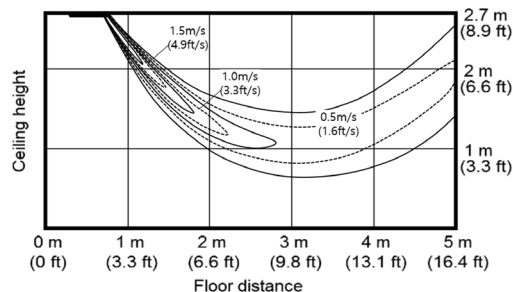
VOWD 1-Way Cassette

- VOWD005S6-5P

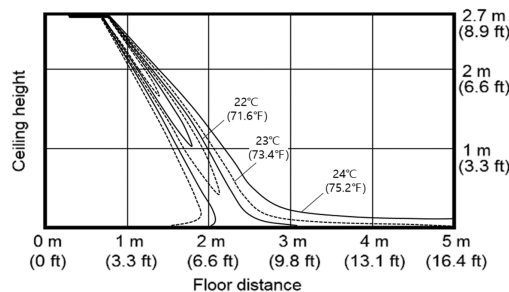
Cooling Air Velocity distribution Discharge angle : 60°



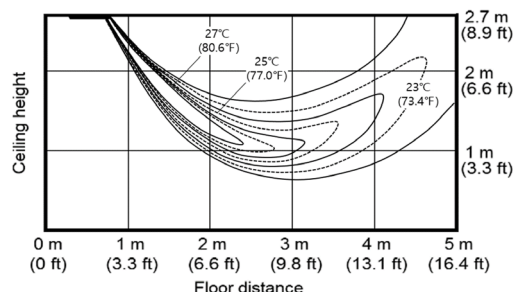
Heating Air Velocity distribution Discharge angle : 60°



Cooling temperature distribution Discharge angle : 60°

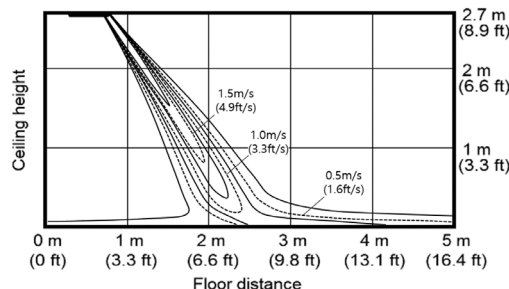


Heating temperature distribution Discharge angle : 60°

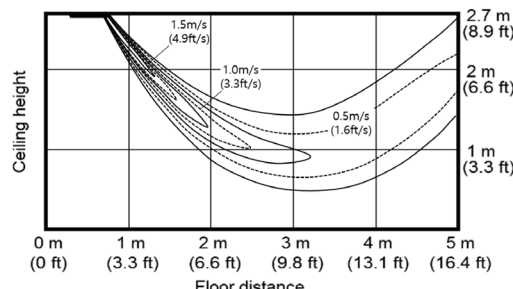


- VOWD007S6-5P

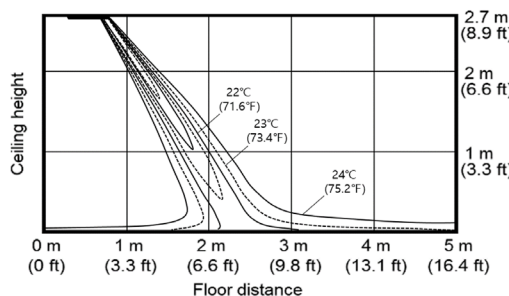
Cooling Air Velocity distribution Discharge angle : 60°



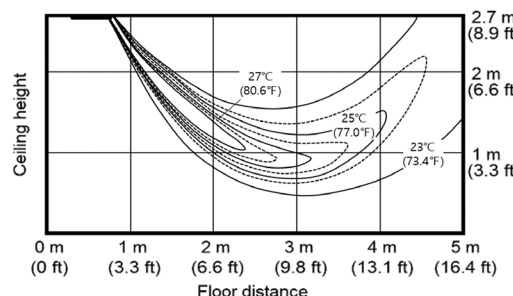
Heating Air Velocity distribution Discharge angle : 60°



Cooling temperature distribution Discharge angle : 60°



Heating temperature distribution Discharge angle : 60°

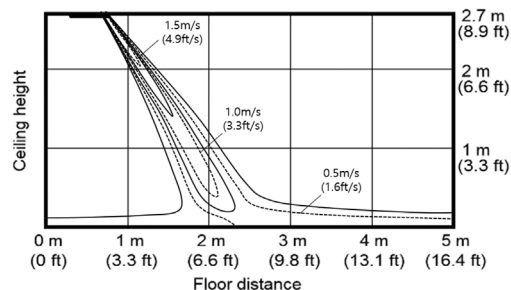


Temperature and air flow distribution

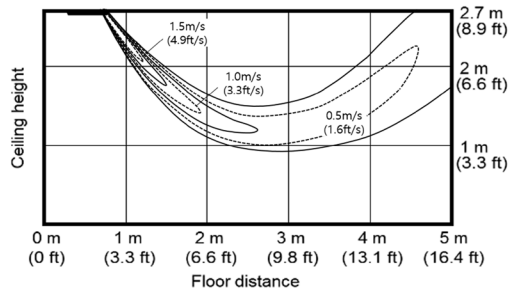
VOWD 1-Way Cassette

- VOWD009S6-5P

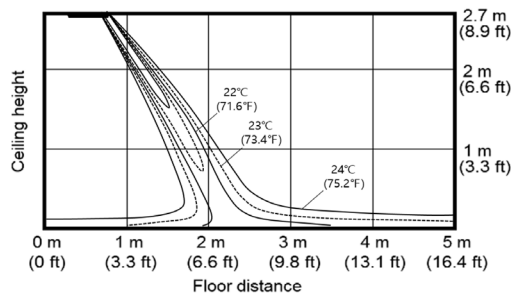
Cooling Air Velocity distribution Discharge angle : 60°



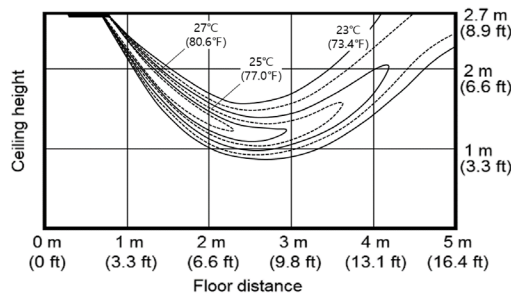
Heating Air Velocity distribution Discharge angle : 60°



Cooling temperature distribution Discharge angle : 60°

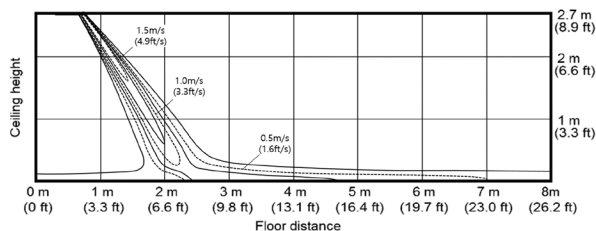


Heating temperature distribution Discharge angle : 60°

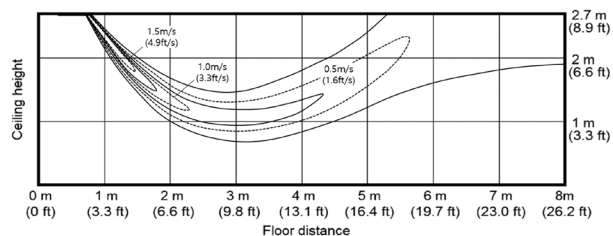


- VOWD012S6-5P

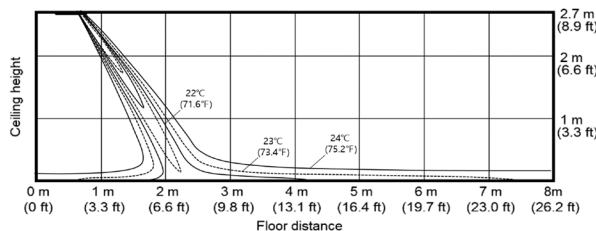
Cooling Air Velocity distribution Discharge angle : 60°



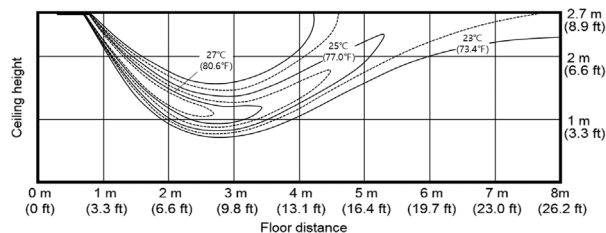
Heating Air Velocity distribution Discharge angle : 60°



Cooling temperature distribution Discharge angle : 60°



Heating temperature distribution Discharge angle : 60°

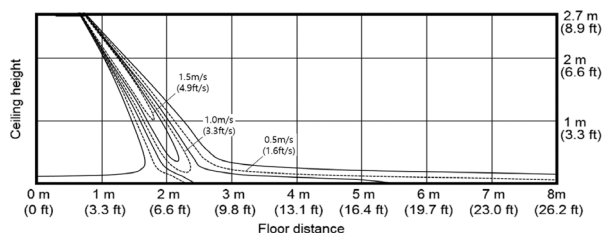


Temperature and air flow distribution

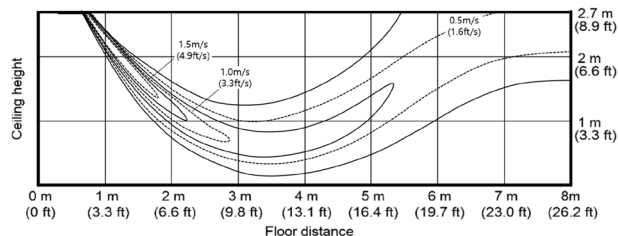
VOWD 1-Way Cassette

- VOWD015S6-5P

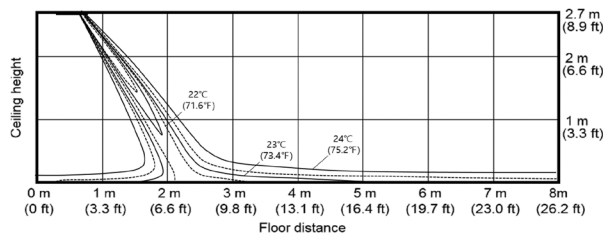
Cooling Air Velocity distribution Discharge angle : 60°



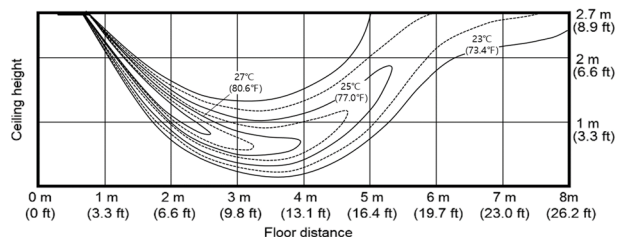
Heating Air Velocity distribution Discharge angle : 60°



Cooling temperature distribution Discharge angle : 60°

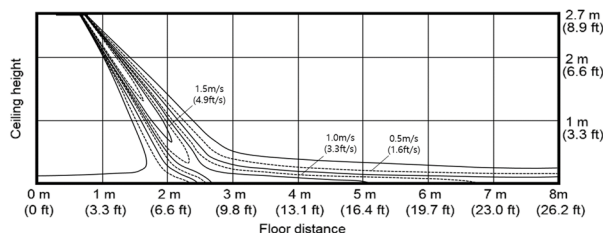


Heating temperature distribution Discharge angle : 60°

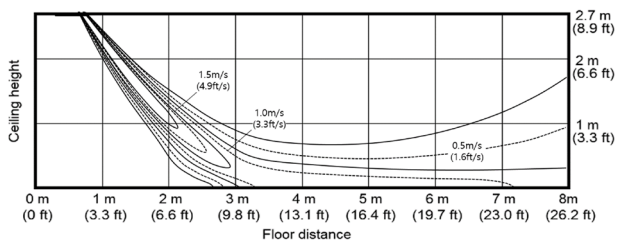


- VOWD018S6-5P

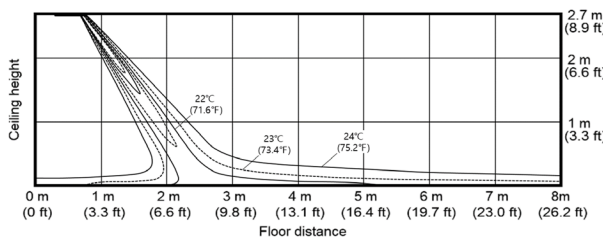
Cooling Air Velocity distribution Discharge angle : 60°



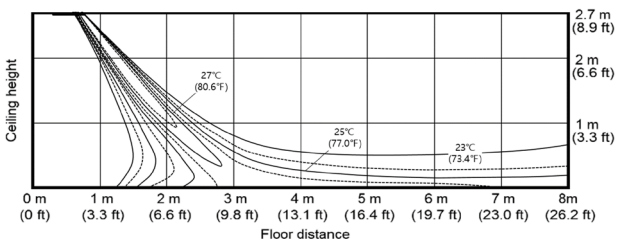
Heating Air Velocity distribution Discharge angle : 60°



Cooling temperature distribution Discharge angle : 60°



Heating temperature distribution Discharge angle : 60°

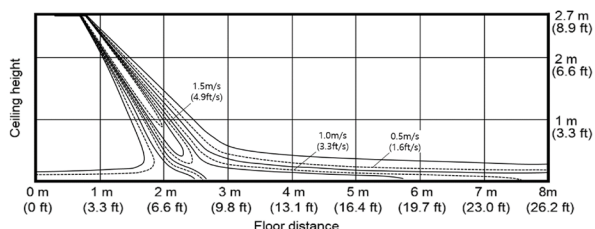


Temperature and air flow distribution

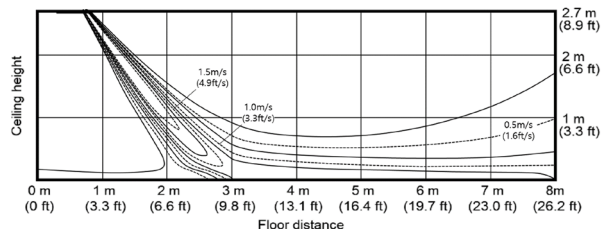
VOWD 1-Way Cassette

- VOWD024S6-5P

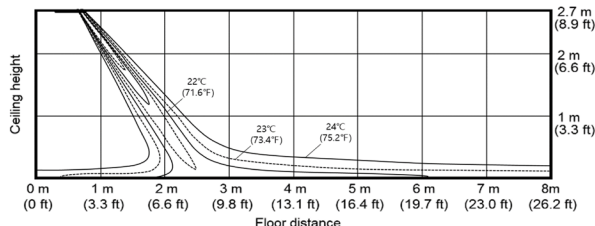
Cooling Air Velocity distribution Discharge angle : 60°



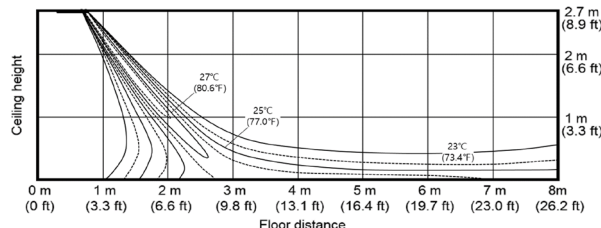
Heating Air Velocity distribution Discharge angle : 60°



Cooling temperature distribution Discharge angle : 60°

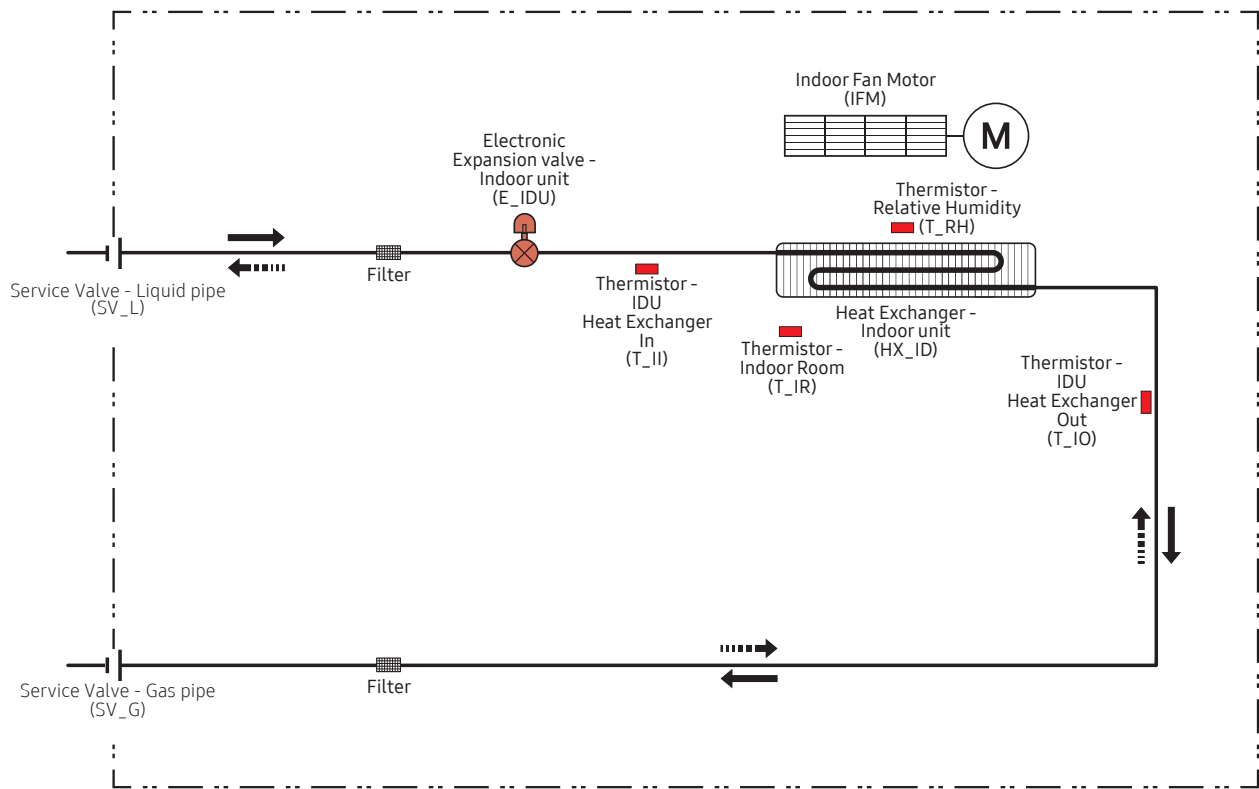


Heating temperature distribution Discharge angle : 60°



Piping Diagram

VOWD 1-Way Cassette

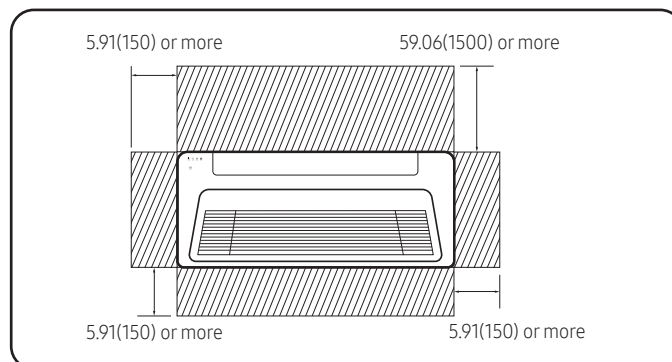


Refrigerant flow	
Cooling	Heating
	

Installation Clearances

VOWD 1-Way Cassette

Spacing Requirements



Unit: inch(mm)



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