

VWMD

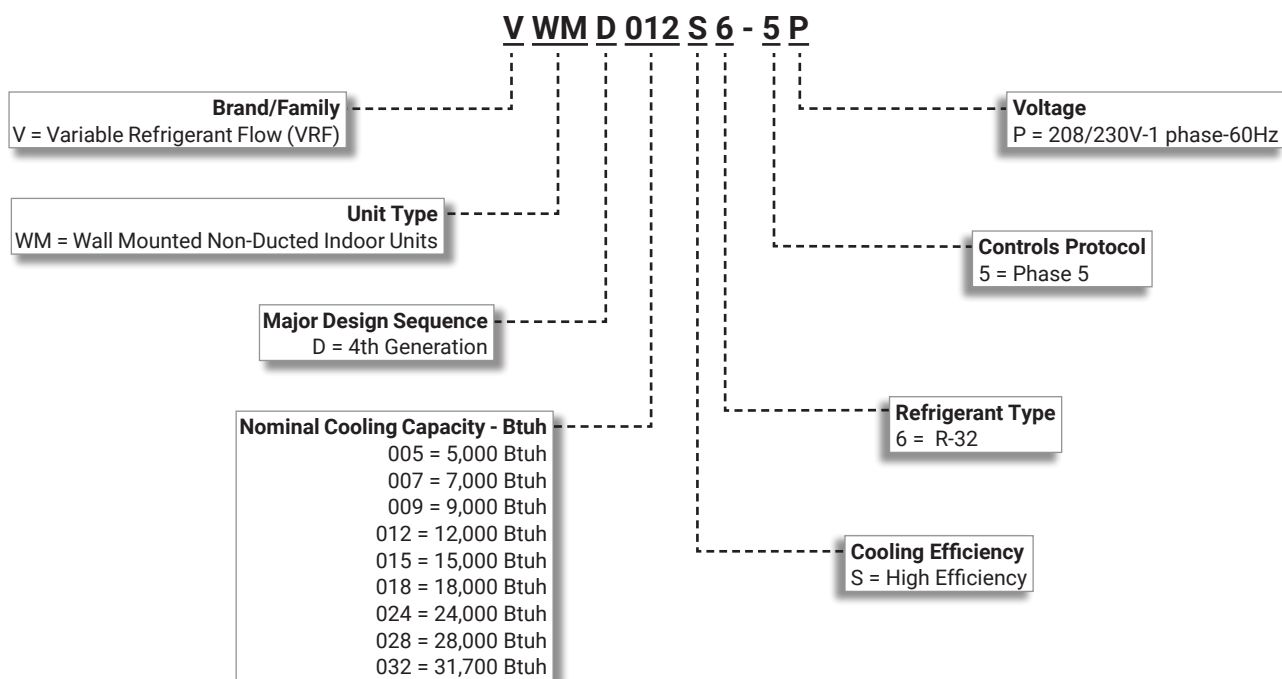
Wall-Mounted Non-Ducted Indoor Units | **R-32** | 60Hz

5,000 to 31,700 Btuh

COMMERCIAL PRODUCT SPECIFICATIONS (EHB)



MODEL NUMBER IDENTIFICATION



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2. Specification

VWMD Wall-Mount

Model Name				VWMD005S6-5P	VWMD007S6-5P	VWMD009S6-5P	
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	5,000	7,500	9,500	
			US RT	0.42	0.62	0.79	
		Heating	Btu/h	5,800	8,500	10,500	
			US RT	0.48	0.71	0.87	
Power	Power Input	Cooling	W	20	24	30	
		Heating	W	20	24	30	
	Current Input	Cooling	A	0.13	0.16	0.20	
		Heating	A	0.13	0.16	0.20	
	Current	MCA	A	0.16	0.20	0.25	
		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		-	Blue Hydrophile	Blue Hydrophile	Blue Hydrophile	
Fan	Type		-	Crossflow Fan	Crossflow Fan	Crossflow Fan	
	Quantity		EA	1	1	1	
	Air Flow Rate	High / Med / Low	CMM	4.9 / 4.5 / 4.1	5.7 / 5.0 / 4.5	8.5 / 7.7 / 6.9	
			CFM	173 / 159 / 145	201 / 177 / 159	300 / 272 / 244	
			l/s	82 / 75 / 68	95 / 83 / 75	142 / 128 / 115	
Fan Motor	Type		-	BLDC	BLDC	BLDC	
	Output		W × n	27 × 1	27 × 1	27 × 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		-	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)	31/30/27/26	34/32/30/27	34/33/32/26	
	Sound Power Level	Cooling	dB(A)	50	51	52	
	Dimensions		Net Weight	kg	9.0	9.0	9.5
lbs				19.8	19.8	20.9	
Shipping Weight			kg	10.5	10.5	11.0	
			lbs	23.1	23.1	24.3	
Net Dimensions (W×H×D)			mm	820 x 299 x 215	820 x 299 x 215	820 x 299 x 215	
			inch	32.3 x 11.8 x 8.5	32.3 x 11.8 x 8.5	32.3 x 11.8 x 8.5	
Shipping Dimensions (W×H×D)			mm	880 x 290 x 375	880 x 290 x 375	880 x 290 x 375	
			inch	34.6 x 11.4 x 14.8	34.6 x 11.4 x 14.8	34.6 x 11.4 x 14.8	
Casing	Material		-	HIPS	HIPS	HIPS	
Additional Accessories	Drain pump		-	Not Included	Not Included	Not Included	
			Max. lifting Height / Displacement	in / gal/h	-	-	-
	Air Filter		-	Pre Filter	Pre Filter	Pre Filter	

- 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

5) The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

2. Specification

VWMD Wall-Mount

Model Name				VWMD012S6-5P	VWMD015S6-5P	VWMD018S6-5P
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	12,000	15,000	18,000
			US RT	1.00	1.25	1.50
		Heating	Btu/h	13,500	17,000	20,000
			US RT	1.12	1.42	1.67
Power	Power Input	Cooling	W	37	40	52
		Heating	W	37	40	52
	Current Input	Cooling	A	0.25	0.27	0.35
		Heating	A	0.25	0.27	0.35
	Current	MCA	A	0.31	0.34	0.44
		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		-	Blue Hydrophile	Blue Hydrophile	Blue Hydrophile
Fan	Type		-	Crossflow Fan	Crossflow Fan	Crossflow Fan
	Quantity		EA	1	1	1
	Air Flow Rate	High / Med / Low	CMM	10.3 / 9.1 / 8.3	12.5 / 11.4 / 10.5	15.7 / 13.8 / 12.0
			CFM	364 / 321 / 293	442 / 403 / 371	555 / 487 / 424
			l/s	172 / 152 / 138	208 / 190 / 175	262 / 230 / 200
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W × n	27 × 1	27 × 1	27 × 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		-	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)	40/36/34/26	37/34/33/29	40/37/34/29
	Sound Power Level	Cooling	dB(A)	56	55	58
Dimensions	Net Weight		kg	9.5	12.0	12.0
			lbs	20.9	26.5	26.5
	Shipping Weight		kg	11.0	14.0	14.0
			lbs	24.3	30.9	30.9
	Net Dimensions (W×H×D)		mm	820 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215
			inch	32.3 x 11.8 x 8.5	41.5 x 11.8 x 8.5	41.5 x 11.8 x 8.5
	Shipping Dimensions (W×H×D)		mm	880 x 290 x 375	1,115 x 290 x 375	1,115 x 290 x 375
			inch	34.6 x 11.4 x 14.8	43.9 x 11.4 x 14.8	43.9 x 11.4 x 14.8
Casing	Material		-	HIPS	HIPS	HIPS
Additional Accessories	Drain pump		-	Not Included	Not Included	Not Included
		Max. lifting Height / Displacement	in / gal/h	-	-	-
	Air Filter		-	Pre Filter	Pre Filter	Pre Filter

• 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

5) The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

2. Specification

VWMD Wall-Mount

Model Name				VWMD024S6-5P	VWMD028S6-5P	VWMD032S6-5P
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	23,200	28,000	31,700
			US RT	1.93	2.33	2.64
		Heating	Btu/h	23,800	29,000	33,400
			US RT	1.98	2.42	2.78
Power	Power Input	Cooling	W	60	65	66
		Heating	W	60	65	76
	Current Input	Cooling	A	0.40	0.43	0.47
		Heating	A	0.40	0.43	0.54
	Current	MCA	A	0.50	0.54	0.68
		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		-	Blue Hydrophile	Blue Hydrophile	Blue Hydrophile
Fan	Type		-	Crossflow Fan	Crossflow Fan	Crossflow Fan
	Quantity		EA	1	1	1
	Air Flow Rate	High / Med / Low	CMM	16.8 / 15.0 / 13.2	17.5 / 15.6 / 13.8	23.0 / 20.0 / 17.0
			CFM	593 / 530 / 466	618 / 551 / 487	812 / 706 / 600
			l/s	280 / 250 / 220	292 / 260 / 230	383 / 333 / 293
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W × n	27 × 1	27 × 1	58 × 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	15.88 (5/8)	15.88 (5/8)	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)	43/40/37/29	46/45/43/30	49/46/42
	Sound Power Level	Cooling	dB(A)	62	64	66
Dimensions	Net Weight		kg	12.0	12.0	19.0
			lbs	26.5	26.5	41.9
	Shipping Weight		kg	14.0	14.0	22.0
			lbs	30.9	30.9	48.5
	Net Dimensions (W×H×D)		mm	1,055 x 299 x 215	1,055 x 299 x 215	1,280 x 345 x 253
			inch	41.5 x 11.8 x 8.5	41.5 x 11.8 x 8.5	50.4 x 13.6 x 10.0
	Shipping Dimensions (W×H×D)		mm	1,115 x 290 x 375	1,115 x 290 x 375	1,352 x 326 x 420
			inch	43.9 x 11.4 x 14.8	43.9 x 11.4 x 14.8	53.2 x 12.8 x 16.5
Casing	Material		-	HIPS	HIPS	HIPS
Additional Accessories	Drain pump		-	Not Included	Not Included	Not Included
			Max. lifting Height / Displacement	in / gal/h	-	-
	Air Filter		-	Pre Filter	Pre Filter	Pre Filter

• 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
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5) The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

3. Summary Table

VWMD Wall-Mount

Performance Characteristics

Model Code	Net Weight (lbs)	Fan Speed	Nominal Capacity (Btu/h)			Airflow (CFM)	Sound Pressure (dBA)	Sound Power (dBA)
			Cooling	Sensible	Heating			
VWMD005S6-5P	19.8	High	5,000	3,400	5,800	173	31	50
		Mid	4,600	3,100	5,600	159	30	-
		Low	4,300	2,900	5,300	145	27	-
VWMD007S6-5P	19.8	High	7,500	5,000	8,500	201	34	51
		Mid	6,700	4,500	8,000	177	32	-
		Low	6,100	4,100	7,600	159	30	-
VWMD009S6-5P	20.9	High	9,500	6,400	10,500	300	34	52
		Mid	8,700	5,900	10,000	272	33	-
		Low	7,900	5,300	9,500	244	32	-
VWMD012S6-5P	20.9	High	12,000	8,000	13,500	364	40	56
		Mid	10,800	7,200	12,700	321	36	-
		Low	9,900	6,600	12,100	293	34	-
VWMD015S6-5P	26.5	High	15,000	10,100	17,000	442	37	55
		Mid	13,900	9,400	16,200	403	34	-
		Low	12,900	8,700	15,600	371	33	-
VWMD018S6-5P	26.5	High	18,000	12,100	20,000	555	40	58
		Mid	16,100	10,800	18,800	487	37	-
		Low	14,200	9,500	17,500	424	34	-
VWMD024S6-5P	26.5	High	23,200	15,700	23,800	593	43	62
		Mid	21,000	14,200	22,500	530	40	-
		Low	18,700	12,700	21,100	466	37	-
VWMD028S6-5P	26.5	High	28,000	18,800	29,000	618	46	64
		Mid	25,300	17,000	27,400	551	45	-
		Low	22,700	15,200	25,800	487	43	-
VWMD032S6-5P	41.9	High	31,700	21,500	33,400	812	49	66
		Mid	28,100	19,100	31,100	706	46	-
		Low	24,100	16,300	28,700	600	42	-

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)
VWMD005S6-5P	1,2,208-230,60	20	0.13	0.16	15	0.13
VWMD007S6-5P	1,2,208-230,60	24	0.16	0.20	15	0.16
VWMD009S6-5P	1,2,208-230,60	30	0.20	0.25	15	0.20
VWMD012S6-5P	1,2,208-230,60	37	0.25	0.31	15	0.25
VWMD015S6-5P	1,2,208-230,60	40	0.27	0.34	15	0.27
VWMD018S6-5P	1,2,208-230,60	52	0.35	0.44	15	0.35
VWMD024S6-5P	1,2,208-230,60	60	0.40	0.50	15	0.40
VWMD028S6-5P	1,2,208-230,60	65	0.43	0.54	15	0.43
VWMD032S6-5P	1,2,208-230,60	66	0.47	0.68	15	0.54

NOTE

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

4. Capacity Table

VWMD Wall-Mount

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	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
		MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH
VWMD005S6-5P	95	3.3	3.1	4.0	3.4	4.7	3.4	5.0	3.4	5.3	3.4	5.3	3.7	6.0	3.4
VWMD007S6-5P	95	5.1	4.3	6.1	5.0	7.2	5.0	7.5	5.0	7.8	5.0	8.2	5.0	8.9	4.7
VWMD009S6-5P	95	6.4	5.4	7.8	6.1	8.8	6.7	9.5	6.4	9.8	6.4	10.5	6.4	11.2	6.1
VWMD012S6-5P	95	8.3	7.0	9.7	7.3	11.3	7.7	12.0	8.0	12.3	8.0	13.3	8.0	14.0	7.7
VWMD015S6-5P	95	10.4	8.0	12.3	9.0	14.2	9.8	15.0	10.1	15.5	10.1	16.6	10.1	17.7	9.3
VWMD018S6-5P	95	12.5	9.6	14.8	10.8	17.0	11.8	18.0	12.1	18.6	12.1	19.9	12.1	21.2	11.1
VWMD024S6-5P	95	16.2	12.4	19.0	14.0	22.0	15.1	23.2	15.7	24.0	15.7	25.8	15.7	27.4	14.3
VWMD028S6-5P	95	19.5	14.8	22.9	16.8	26.6	18.1	28.0	18.8	29.0	18.8	31.1	18.8	33.1	17.1
VWMD032S6-5P	95	21.9	17.4	25.6	19.3	29.8	21.1	31.7	21.6	32.6	21.6	35.0	21.1	37.3	19.7

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	MBH	MBH	MBH	MBH	MBH
VWMD005S6-5P	47	43	6.5	6.1	5.8	5.5	5.1
VWMD007S6-5P	47	43	9.5	9.2	8.5	7.8	7.5
VWMD009S6-5P	47	43	10.8	10.5	10.5	9.8	8.9
VWMD012S6-5P	47	43	13.8	13.8	13.5	12.5	11.5
VWMD015S6-5P	47	43	17.5	17.3	17.0	15.6	14.3
VWMD018S6-5P	47	43	20.6	20.3	20.0	18.4	16.8
VWMD024S6-5P	47	43	24.5	24.2	23.8	21.9	20.0
VWMD028S6-5P	47	43	30.0	29.3	29.0	26.6	24.6
VWMD032S6-5P	47	43	34.4	33.9	33.4	31.0	28.2

NOTE

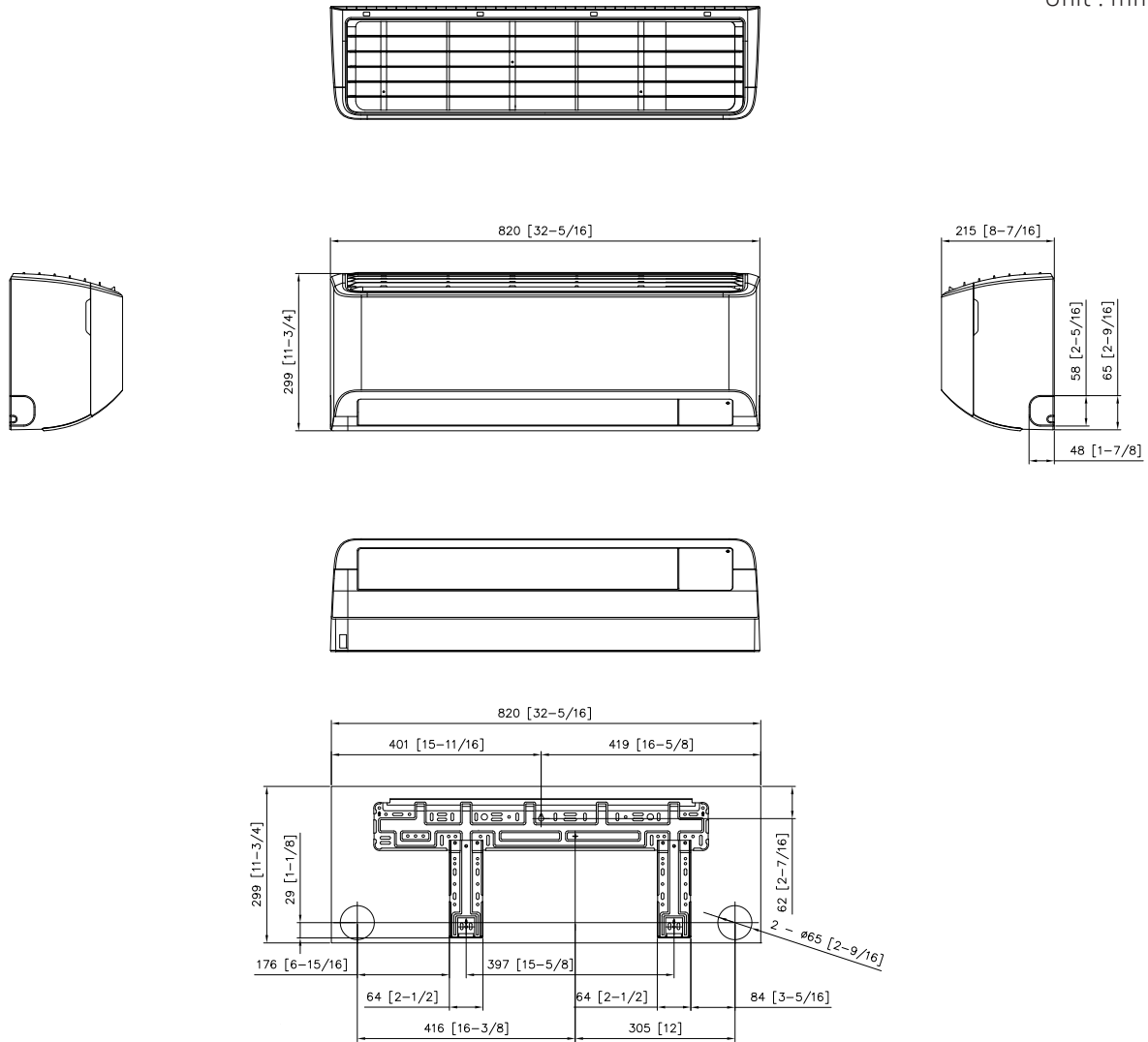
- The performance table shows the average value of each conditions.

5. Dimensional Drawing

VWMD Wall-Mount

VWMD005S6-5P, VWMD007S6-5P, VWMD009S6-5P, VWMD012S6-5P

Unit : mm [inch]

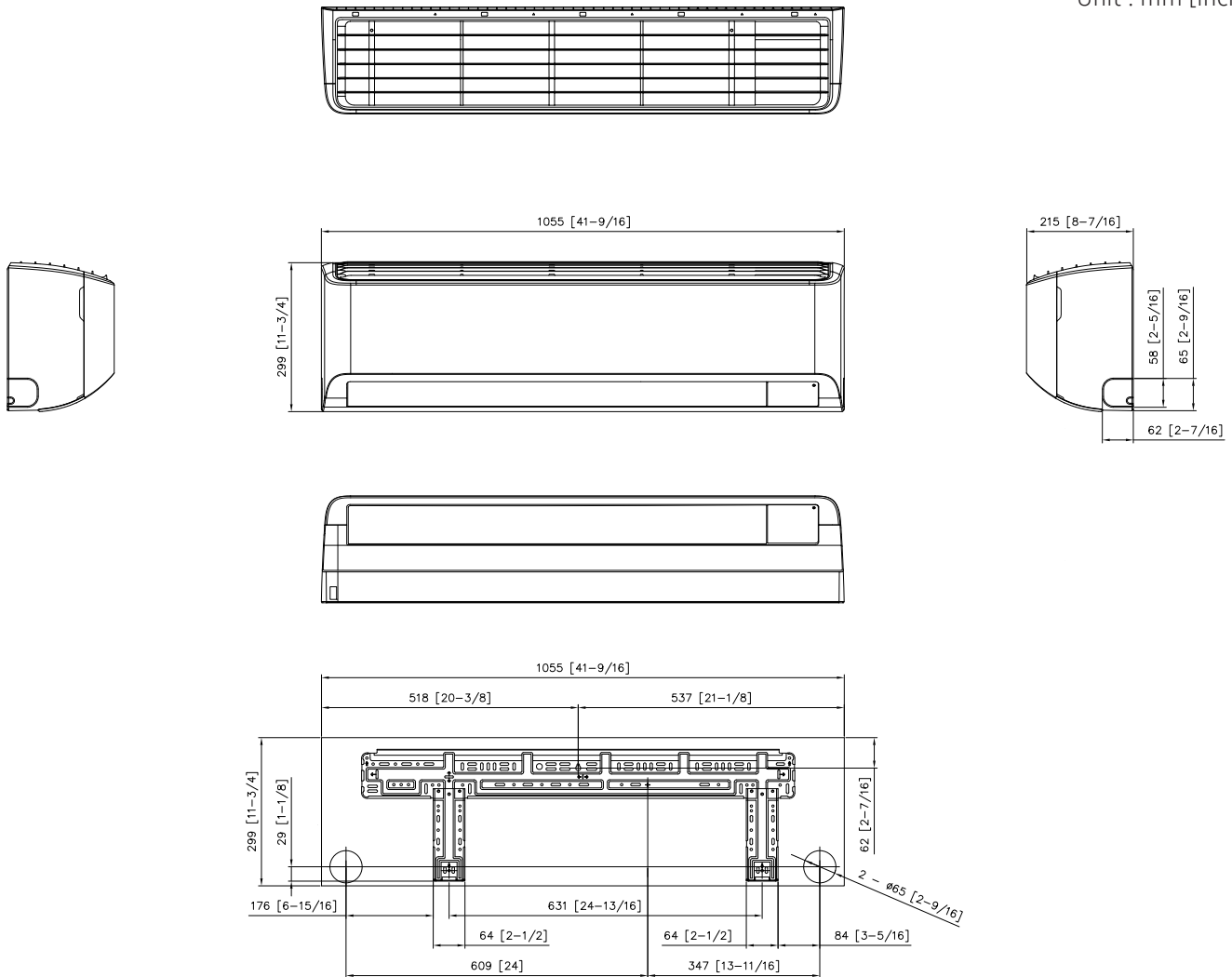


5. Dimensional Drawing

VWMD Wall-Mount

VWMD015S6-5P, VWMD018S6-5P, VWMD024S6-5P, VWMD028S6-5P

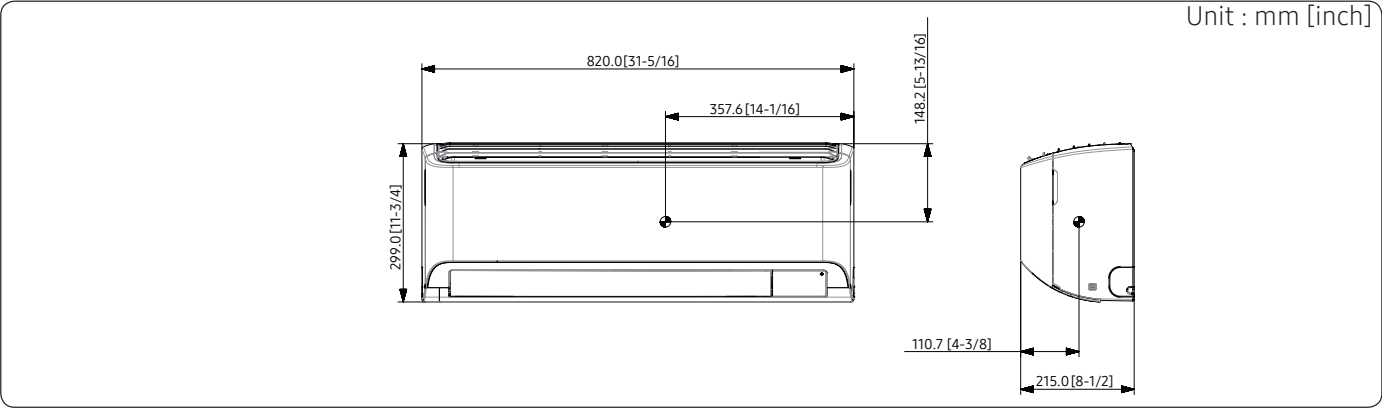
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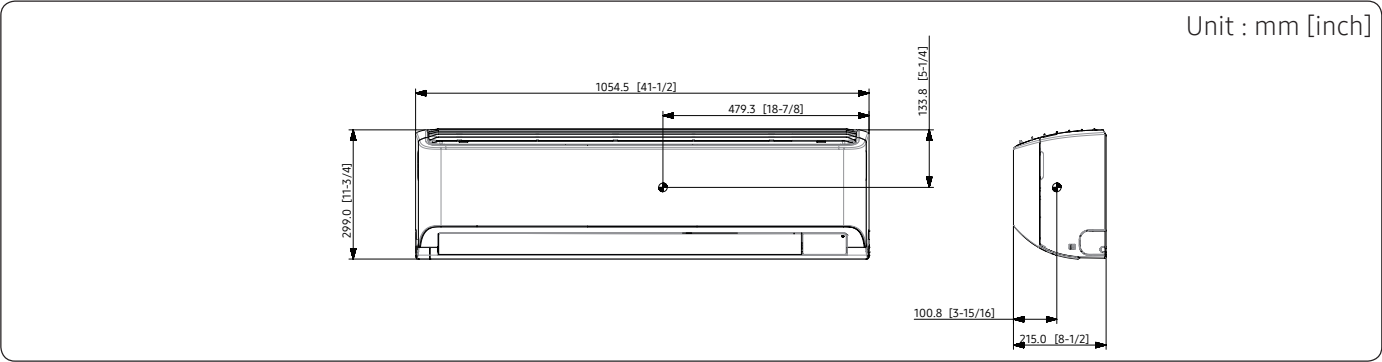
6. Center of Gravity

VWMD Wall-Mount

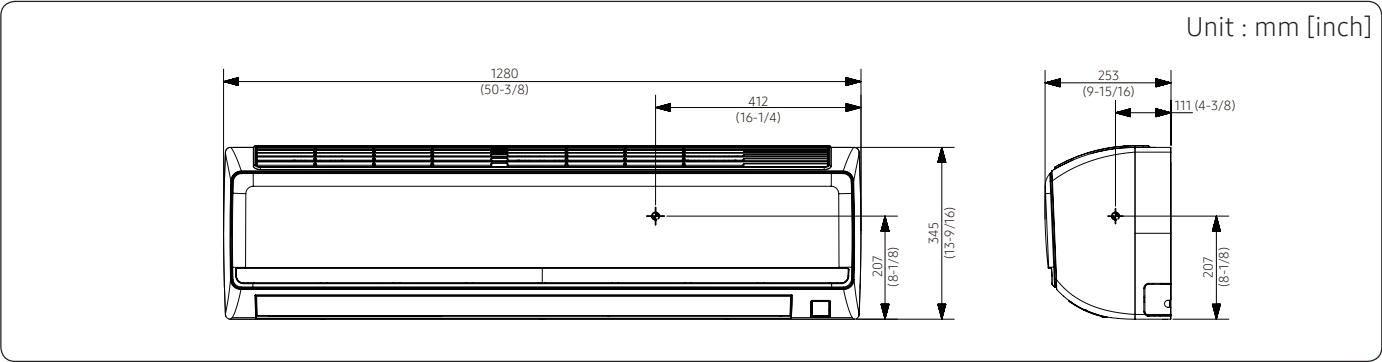
VWMD005S6-5P, VWMD007S6-5P, VWMD009S6-5P, VWMD012S6-5P



VWMD015S6-5P, VWMD018S6-5P, VWMD024S6-5P, VWMD028S6-5P



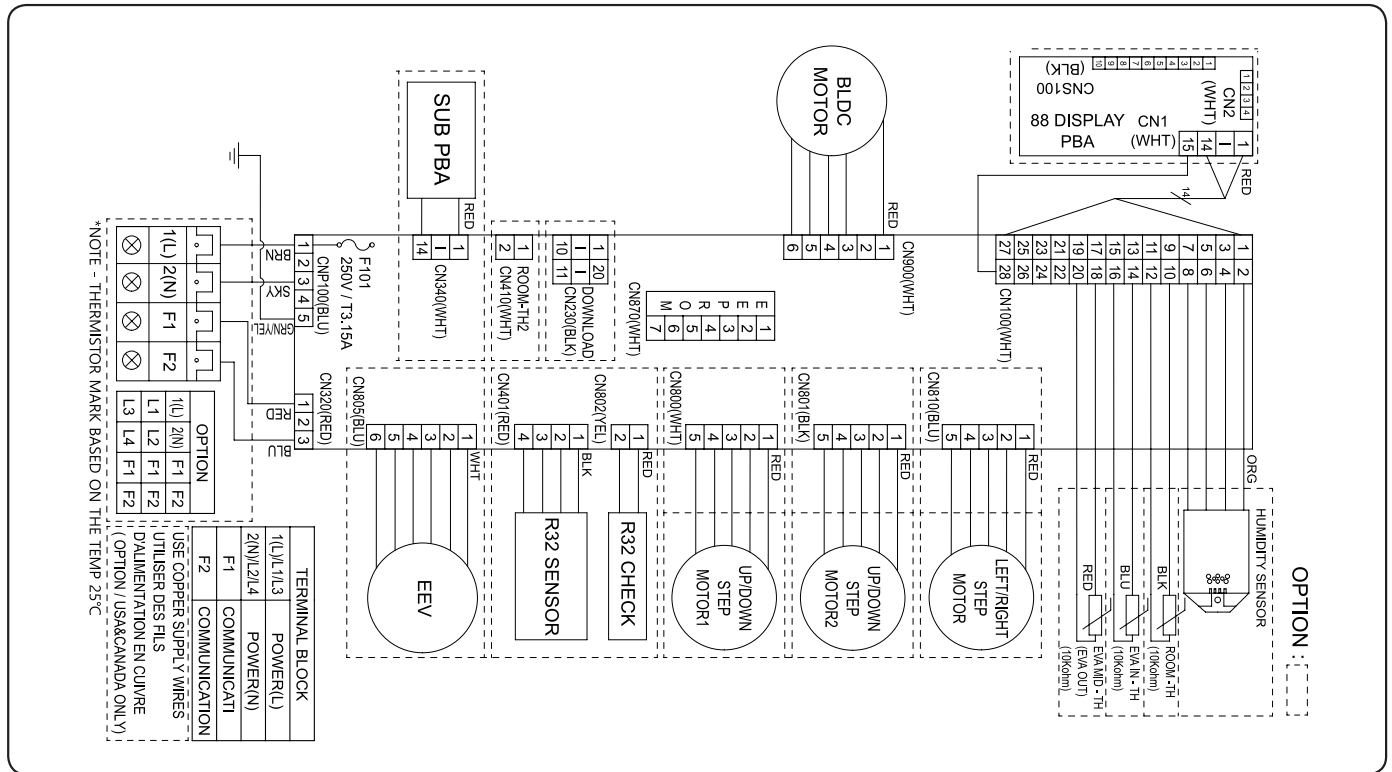
VWMD032S6-5P



7. Electrical Wiring Diagram

VWMD Wall-Mount

VWMD005S6-5P, VWMD007S6-5P, VWMD009S6-5P, VWMD012S6-5P, VWMD015S6-5P
VWMD018S6-5P, VWMD024S6-5P, VWMD028S6-5P



SUB PBA	Printed Circuit Board(SUB)	EEV	Electronic expansion valve	EVA-OUT(10K)	Thermistor EVA OUT(10K)
MOTOR	BLDC	ROOM(10K)	Thermistor ROOM In(10K)	EVA-IN(10K)	Thermistor EVA IN(10K)

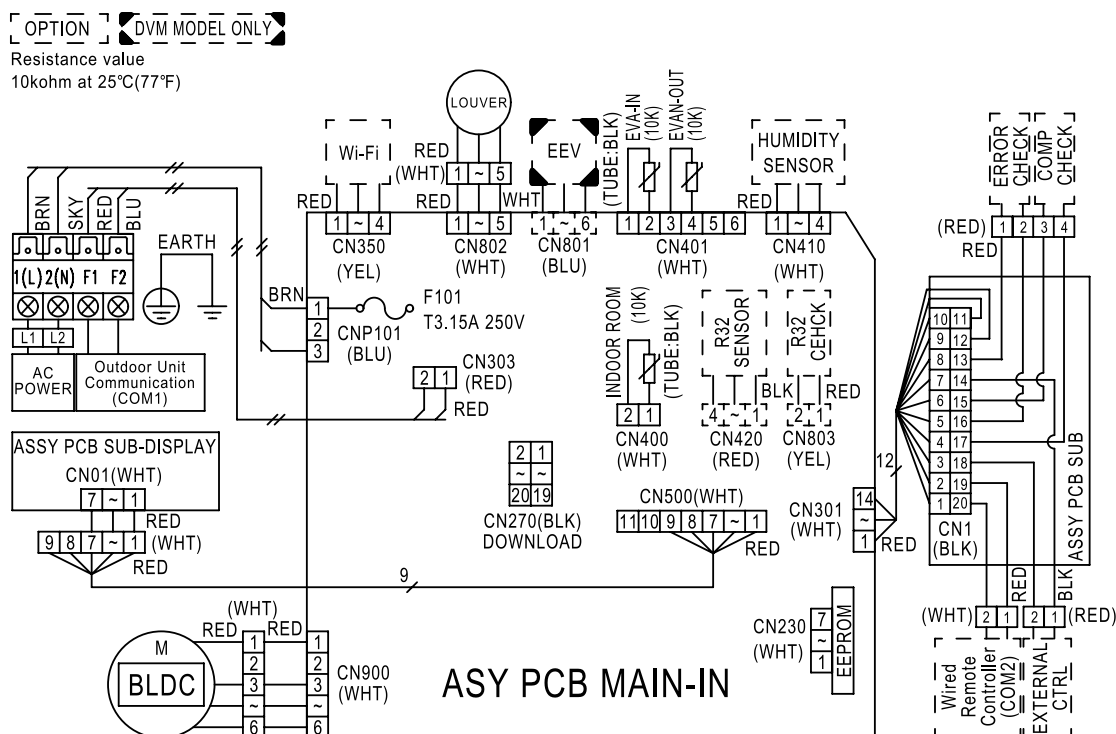
NOTE

- 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: 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

7. Electrical Wiring Diagram

VWMD Wall-Mount

VWMD032S6-5P



MAIN PCB	Print circuit board(MAIN)	EEV	Electronics expansion valve	EVA-IN TEMP	Thermistor EVAPORATE
DISPLAY	Print circuit board(DISPLAY)	M-BLDC	BLDC Motor	EVA-OUT TEMP	Thermistor EVAPORATE
ASSY PCB SUB	Print circuit board(SUB COMM)	ROOM-TEMP	Thermistor AMBIENT		

NOTE

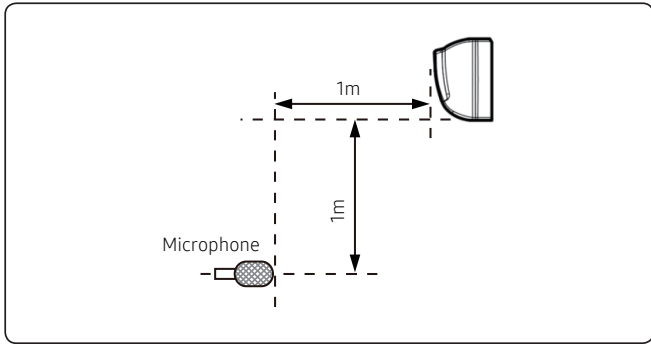
- This wiring diagram applies only to the Indoor unit.
- Symbols show as follow :
BLK: black, RED: red, BLU: blue, WHT: white, YEL: yellow, BRN: brown, SKY: sky blue, GRN: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
- ⏏ Protective earth(screw), □ : connector, $\frac{1}{2}$: The wire quantity

8. Sound Data

VWMD Wall-Mount

Sound Pressure level

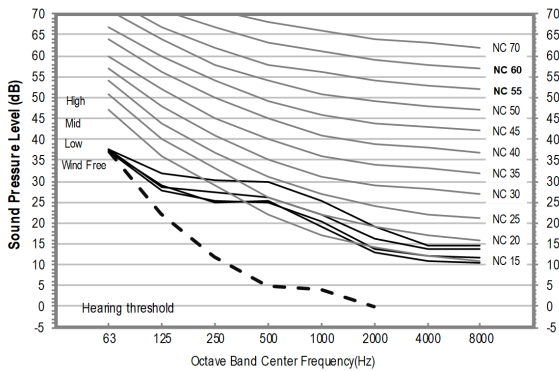
Unit: dB(A)



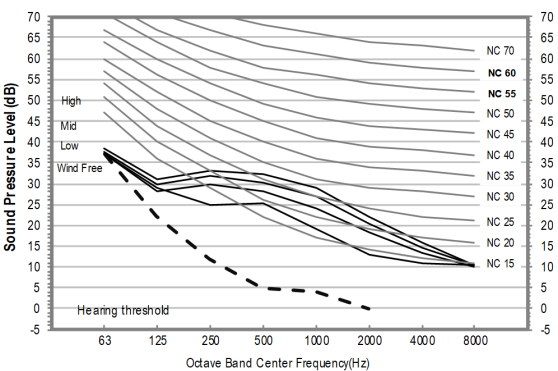
Model	High	Mid	Low	Wind-Free
VWMD005S6-5P	31	30	27	26
VWMD007S6-5P	34	32	30	27
VWMD009S6-5P	34	33	32	26
VWMD012S6-5P	40	36	34	26

• NC Curve

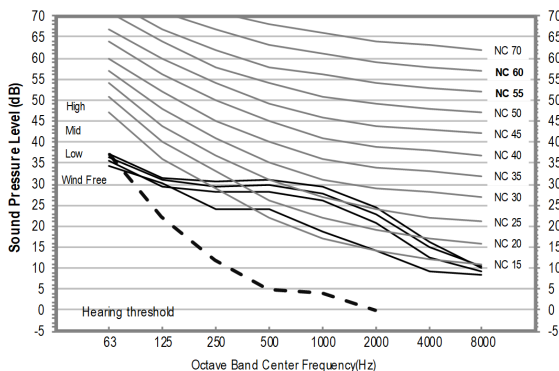
1) VWMD005S6-5P



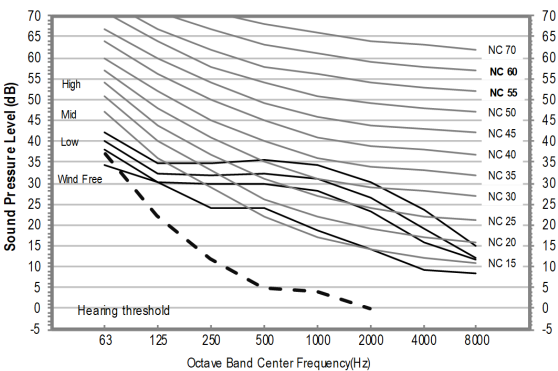
2) VWMD007S6-5P



3) VWMD009S6-5P



4) VWMD012S6-5P



NOTE

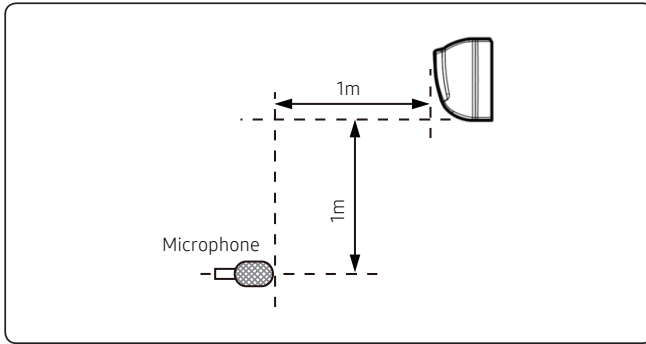
- Specifications may be subject to change without prior notice.
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted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

8. Sound Data

VWMD Wall-Mount

Sound Pressure level

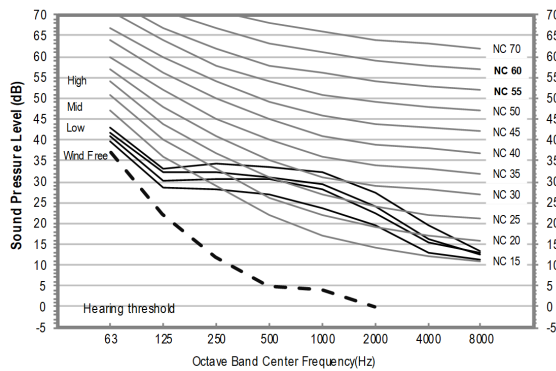
Unit: dB(A)



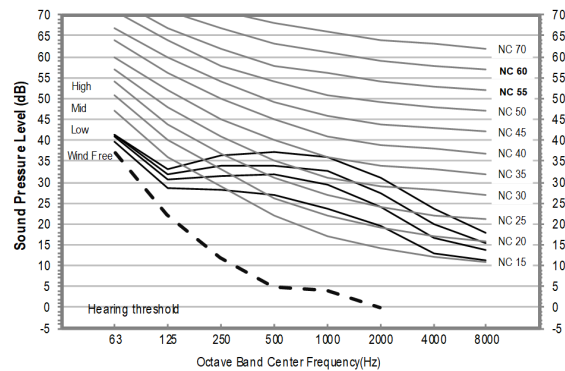
Model	High	Mid	Low	Wind-Free
VWMD015S6-5P	37	34	33	29
VWMD018S6-5P	40	37	34	29
VWMD024S6-5P	43	40	37	29
VWMD028S6-5P	46	45	43	30

• NC Curve

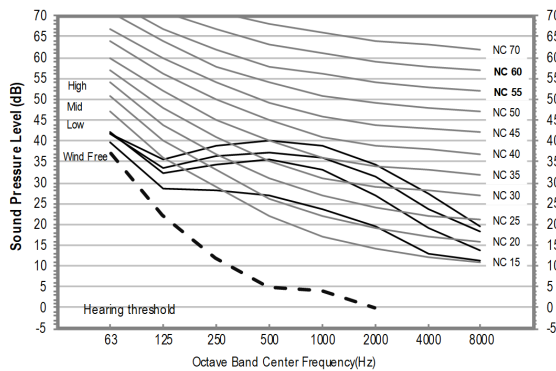
1) VWMD015S6-5P



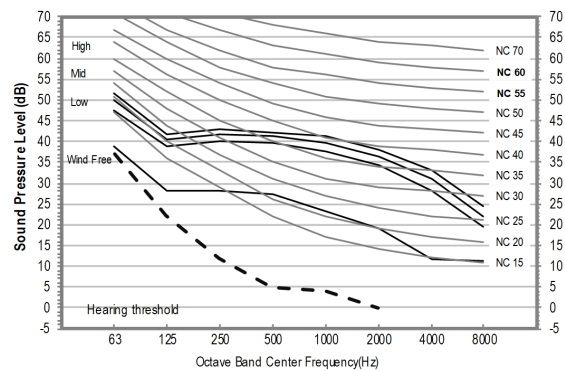
2) VWMD018S6-5P



3) VWMD024S6-5P



4) VWMD028S6-5P



NOTE

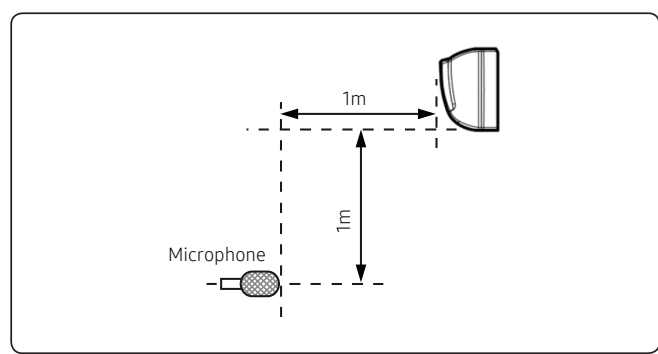
- Specifications may be subject to change without prior notice.
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted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

8. Sound Data

VWMD Wall-Mount

Sound Pressure level

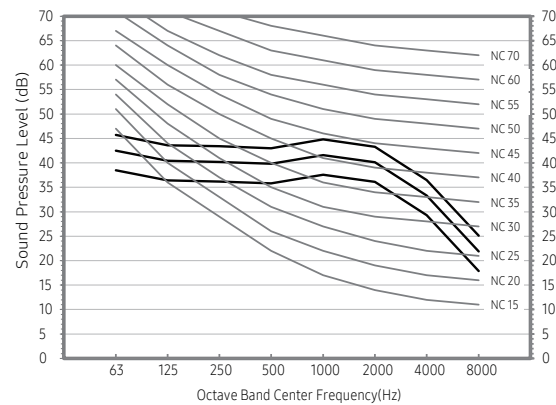
Unit: dB(A)



Model	High	Mid	Low	Wind-Free
VWMD032S6-5P	49	46	42	-

- NC Curve

1) VWMD032S6-5P



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

8. Sound Data

VWMD Wall-Mount

Sound Power level

NOTE

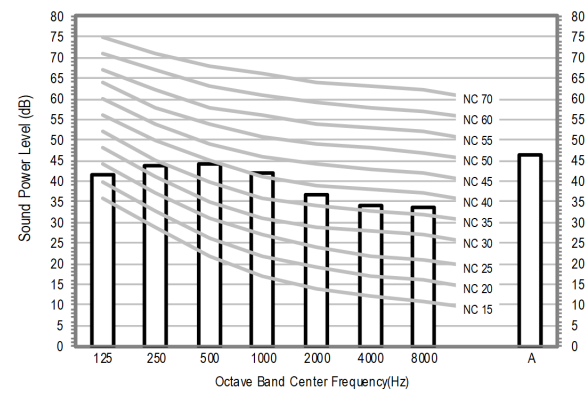
- Specifications may be subject to change without prior notice
 - Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level.
 - Reference power : 1pW.
 - Measured according to ISO 3741.

Unit: dB(A)

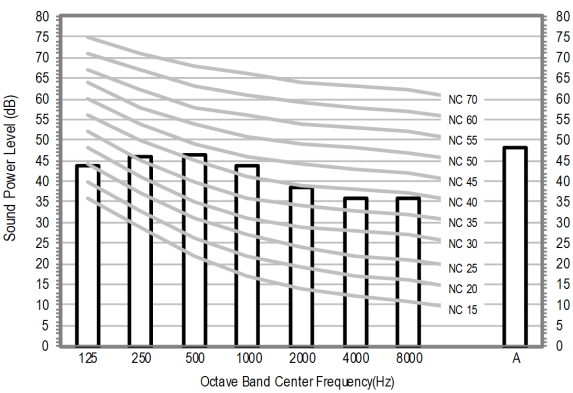
Model	Power
VWMD005S6-5P	50
VWMD007S6-5P	51
VWMD009S6-5P	52
VWMD012S6-5P	56

NC Curve

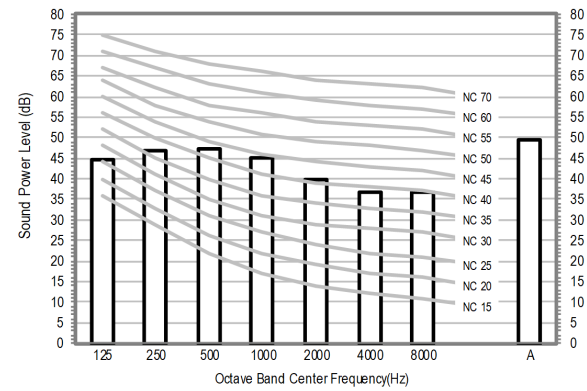
1) VWMD005S6-5P



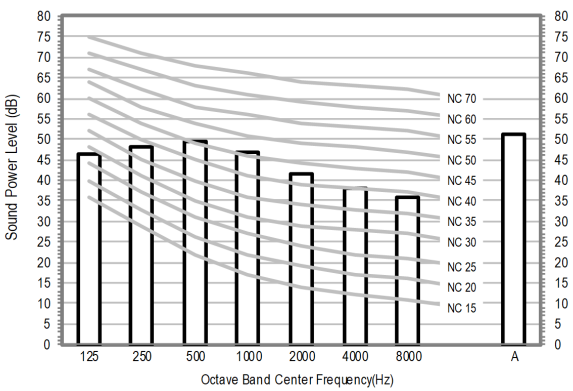
2) VWMD007S6-5P



3) VWMD009S6-5P



4) VWMD012S6-5P



8. Sound Data

VWMD Wall-Mount

Sound Power level

NOTE

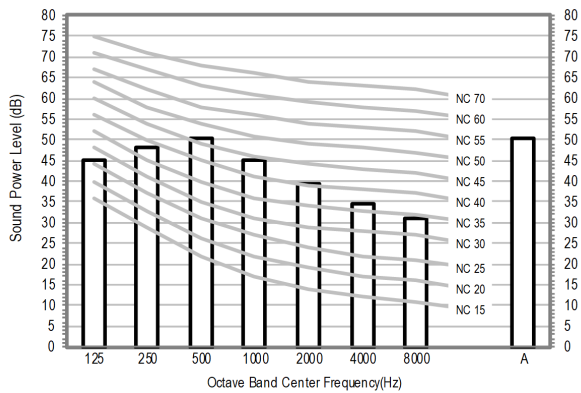
- Specifications may be subject to change without prior notice
 - Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level.
 - Reference power : 1pW.
 - Measured according to ISO 3741.

Unit: dB(A)

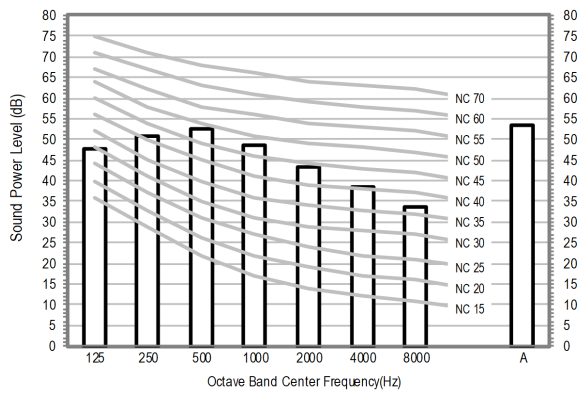
Model	Power
VWMD015S6-5P	55
VWMD018S6-5P	58
VWMD024S6-5P	62
VWMD028S6-5P	64

• NC Curve

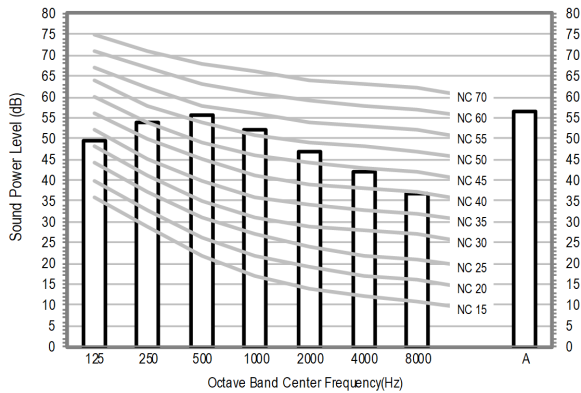
1) VWMD015S6-5P



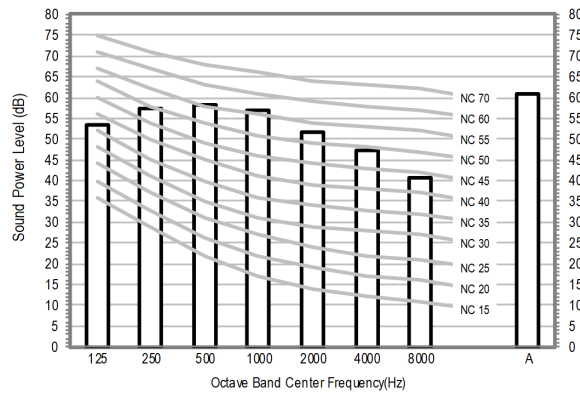
2) VWMD018S6-5P



3) VWMD024S6-5P



4) VWMD028S6-5P



8. Sound Data

VWMD Wall-Mount

Sound Power level

NOTE

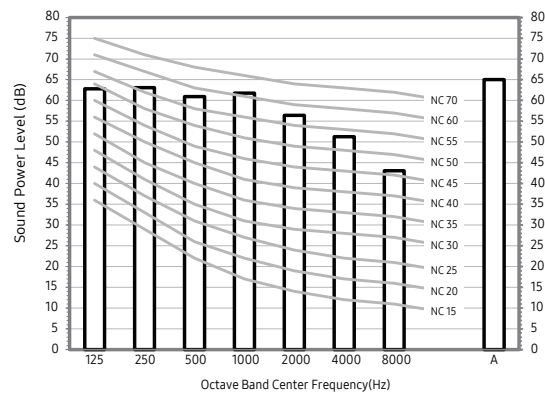
- Specifications may be subject to change without prior notice
 - Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level.
 - Reference power : 1pW.
 - Measured according to ISO 3741.

Unit: dB(A)

Model	Power
VWMD032S6-5P	66

- NC Curve

1) VWMD032S6-5P

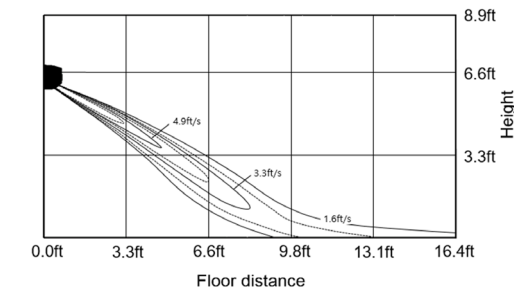


9. Temperature and air flow distribution

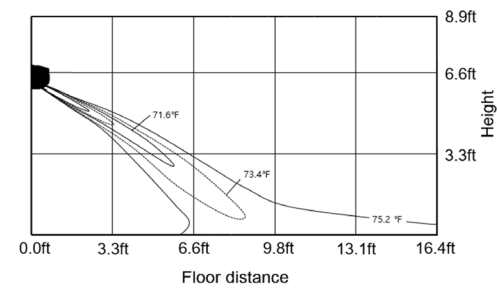
VWMD Wall-Mount

VWMD005S6-5P

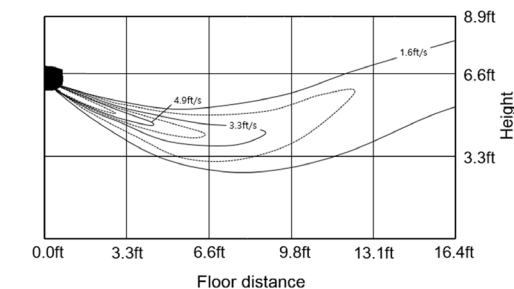
- Cooling air velocity distribution
(Discharge angle : 20 degree)



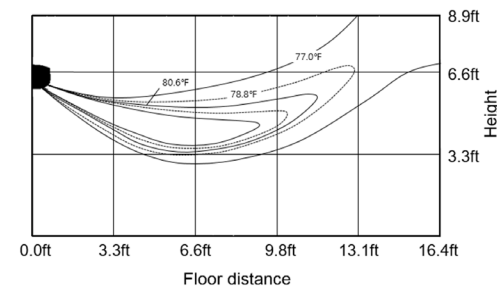
- Cooling Temperature distribution
(Discharge angle : 20 degree)



- Heating air velocity distribution
(Discharge angle : 30 degree)

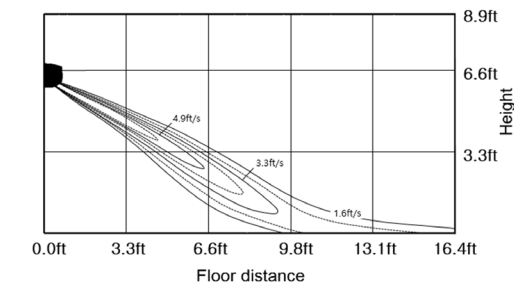


- Heating Temperature distribution
(Discharge angle : 30 degree)

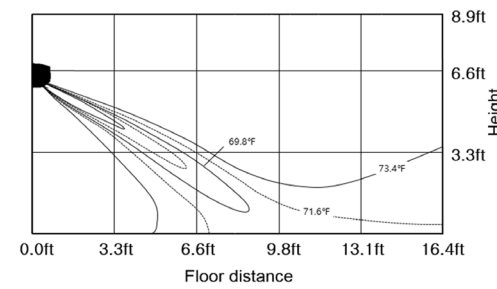


VWMD007S6-5P

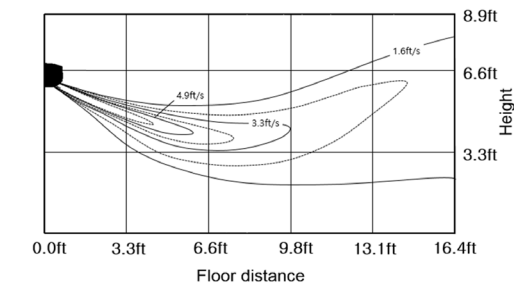
- Cooling air velocity distribution
(Discharge angle : 20 degree)



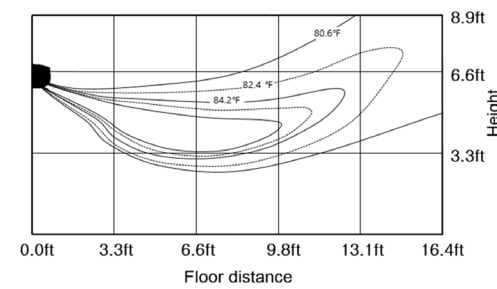
- Cooling Temperature distribution
(Discharge angle : 20 degree)



- Heating air velocity distribution
(Discharge angle : 30 degree)



- Heating Temperature distribution
(Discharge angle : 30 degree)



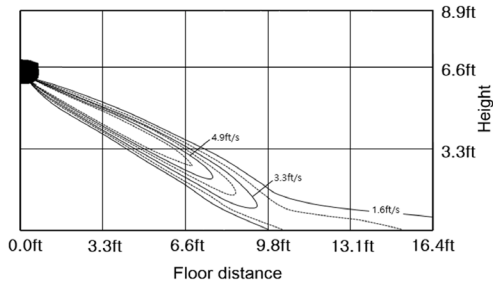
9. Temperature and air flow distribution

VWMD Wall-Mount

VWMD009S6-5P

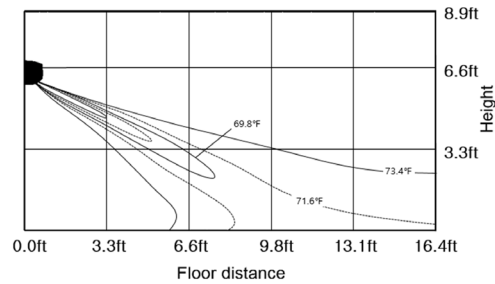
- Cooling air velocity distribution

(Discharge angle : 20 degree)



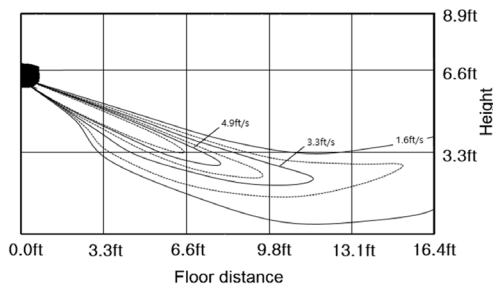
- Cooling Temperature distribution

(Discharge angle : 20 degree)



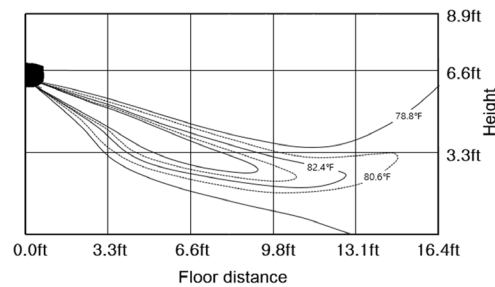
- Heating air velocity distribution

(Discharge angle : 30 degree)



- Heating Temperature distribution

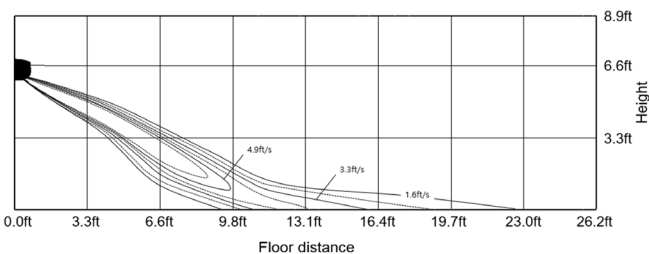
(Discharge angle : 30 degree)



VWMD012S6-5P

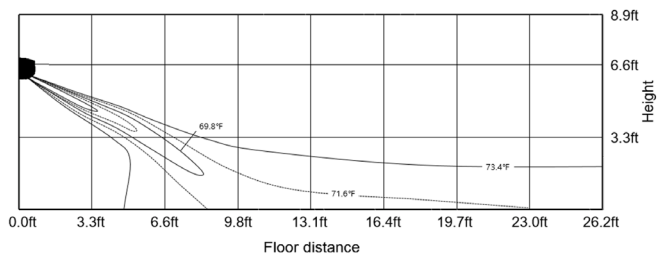
- Cooling air velocity distribution

(Discharge angle : 20 degree)



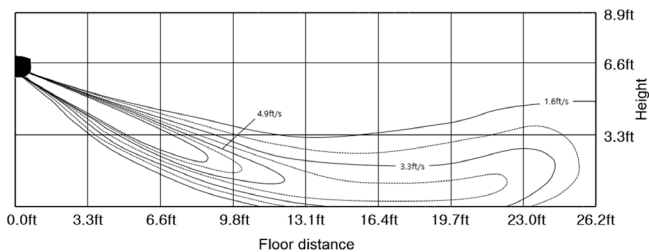
- Cooling Temperature distribution

(Discharge angle : 20 degree)



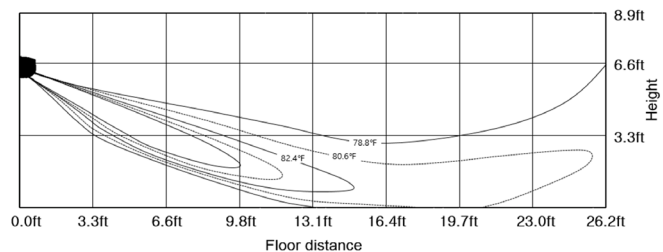
- Heating air velocity distribution

(Discharge angle : 30 degree)



- Heating Temperature distribution

(Discharge angle : 30 degree)

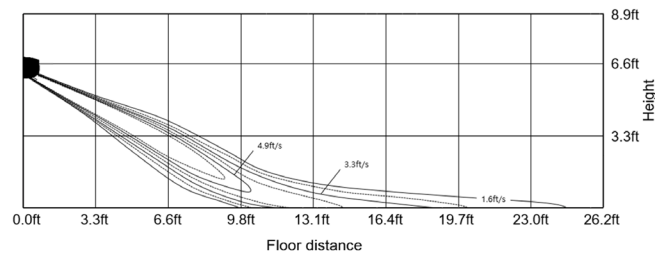


9. Temperature and air flow distribution

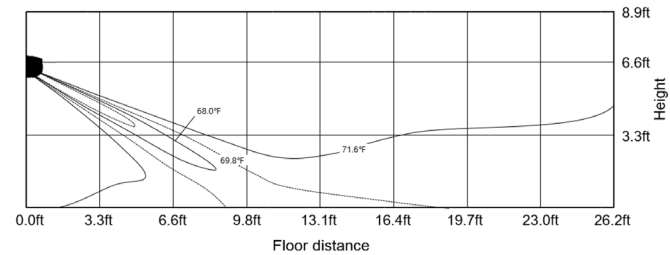
VWMD Wall-Mount

VWMD015S6-5P

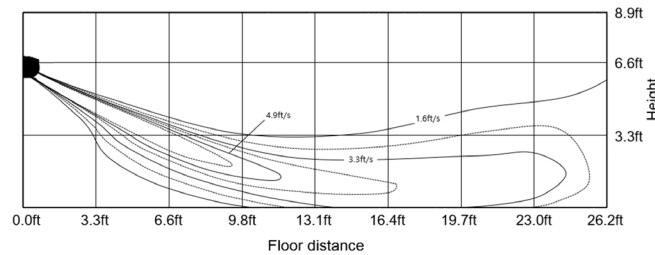
- Cooling air velocity distribution
(Discharge angle : 20 degree)



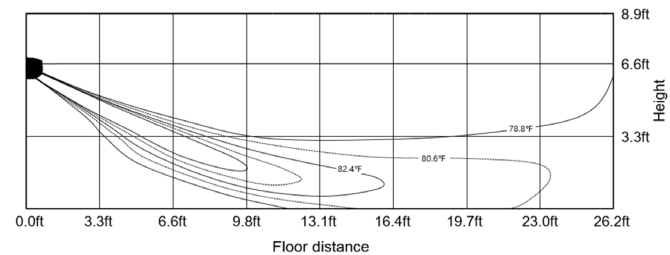
- Cooling Temperature distribution
(Discharge angle : 20 degree)



- Heating air velocity distribution
(Discharge angle : 30 degree)

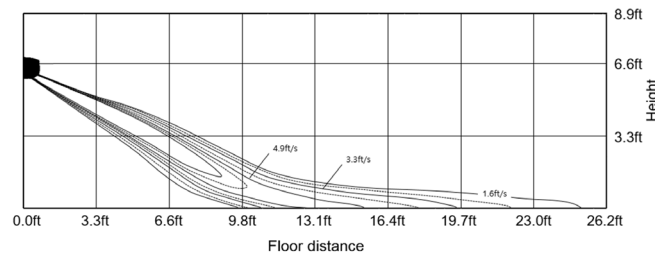


- Heating Temperature distribution
(Discharge angle : 30 degree)

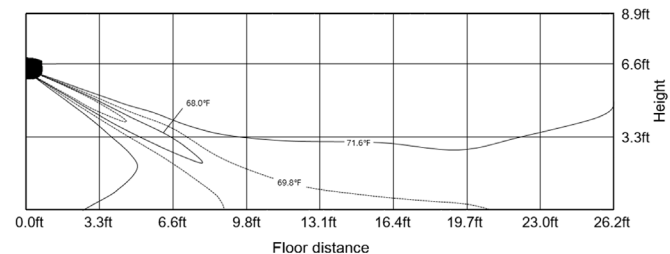


VWMD018S6-5P

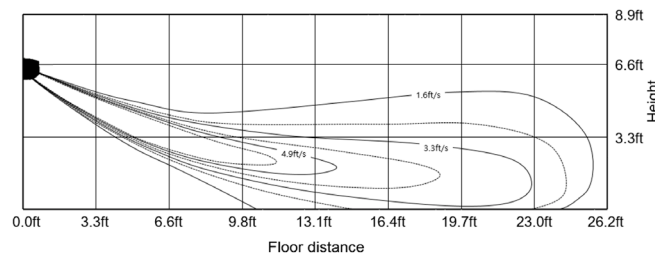
- Cooling air velocity distribution
(Discharge angle : 20 degree)



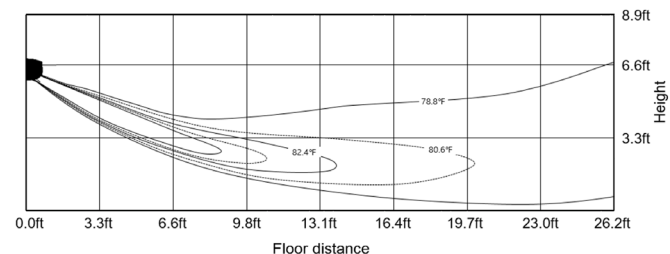
- Cooling Temperature distribution
(Discharge angle : 20 degree)



- Heating air velocity distribution
(Discharge angle : 30 degree)



- Heating Temperature distribution
(Discharge angle : 30 degree)

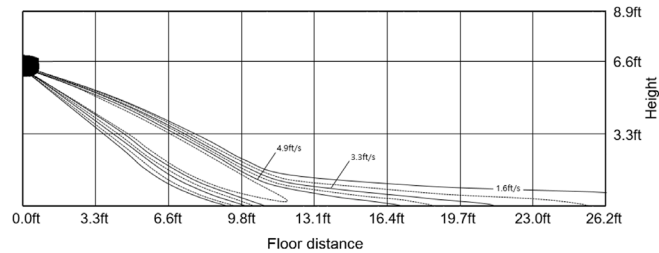


9. Temperature and air flow distribution

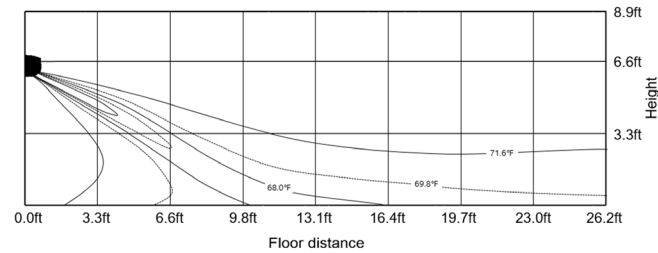
VWMD Wall-Mount

VWMD024S6-5P

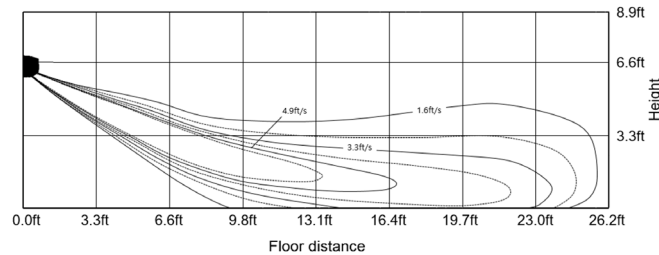
- Cooling air velocity distribution
(Discharge angle : 20 degree)



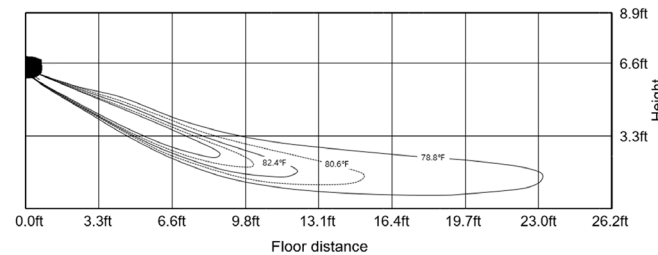
- Cooling Temperature distribution
(Discharge angle : 20 degree)



- Heating air velocity distribution
(Discharge angle : 30 degree)

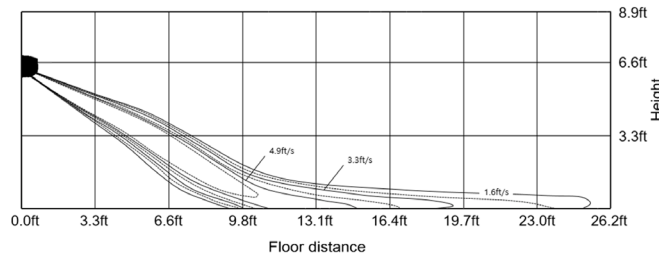


- Heating Temperature distribution
(Discharge angle : 30 degree)

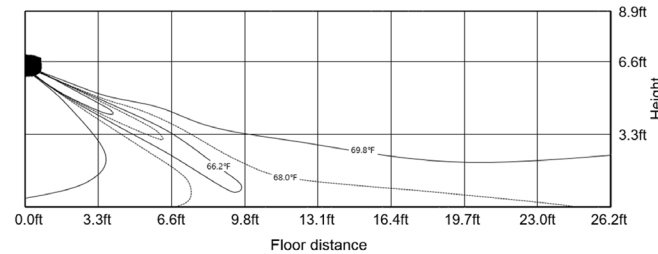


VWMD028S6-5P

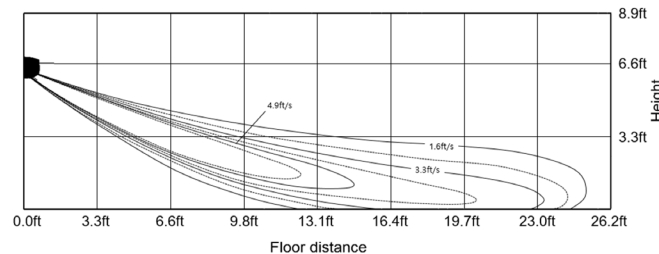
- Cooling air velocity distribution
(Discharge angle : 20 degree)



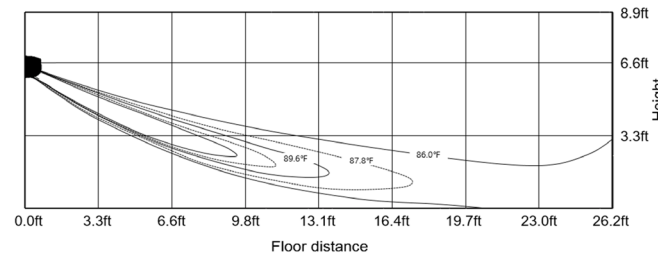
- Cooling Temperature distribution
(Discharge angle : 20 degree)



- Heating air velocity distribution
(Discharge angle : 30 degree)



- Heating Temperature distribution
(Discharge angle : 30 degree)

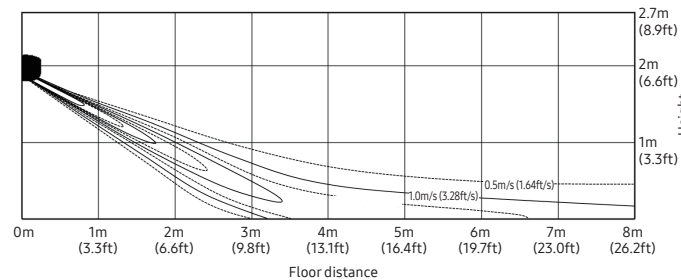


9. Temperature and air flow distribution

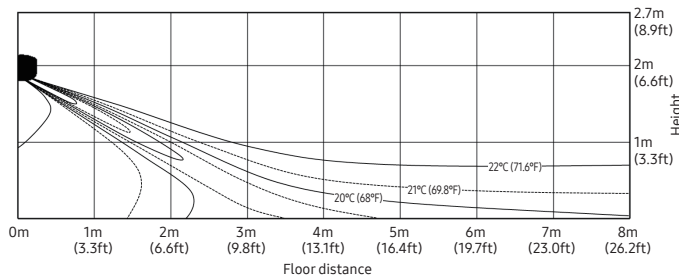
VWMD Wall-Mount

VWMD032S6-5P

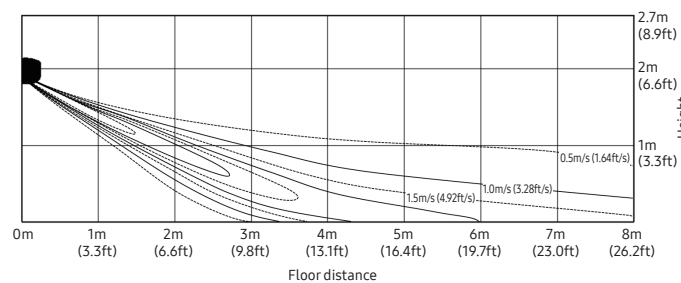
- Cooling air velocity distribution
(Discharge angle : 27 degree)



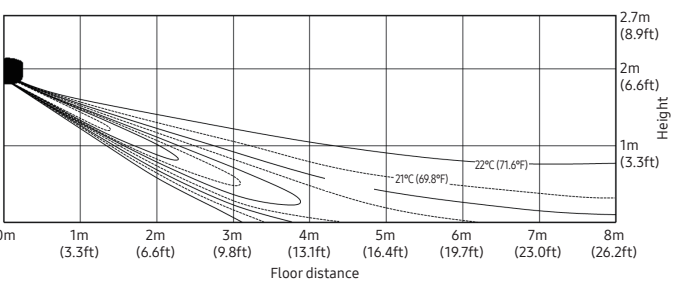
- Cooling Temperature distribution
(Discharge angle : 27 degree)



- Heating air velocity distribution
(Discharge angle : 27 degree)

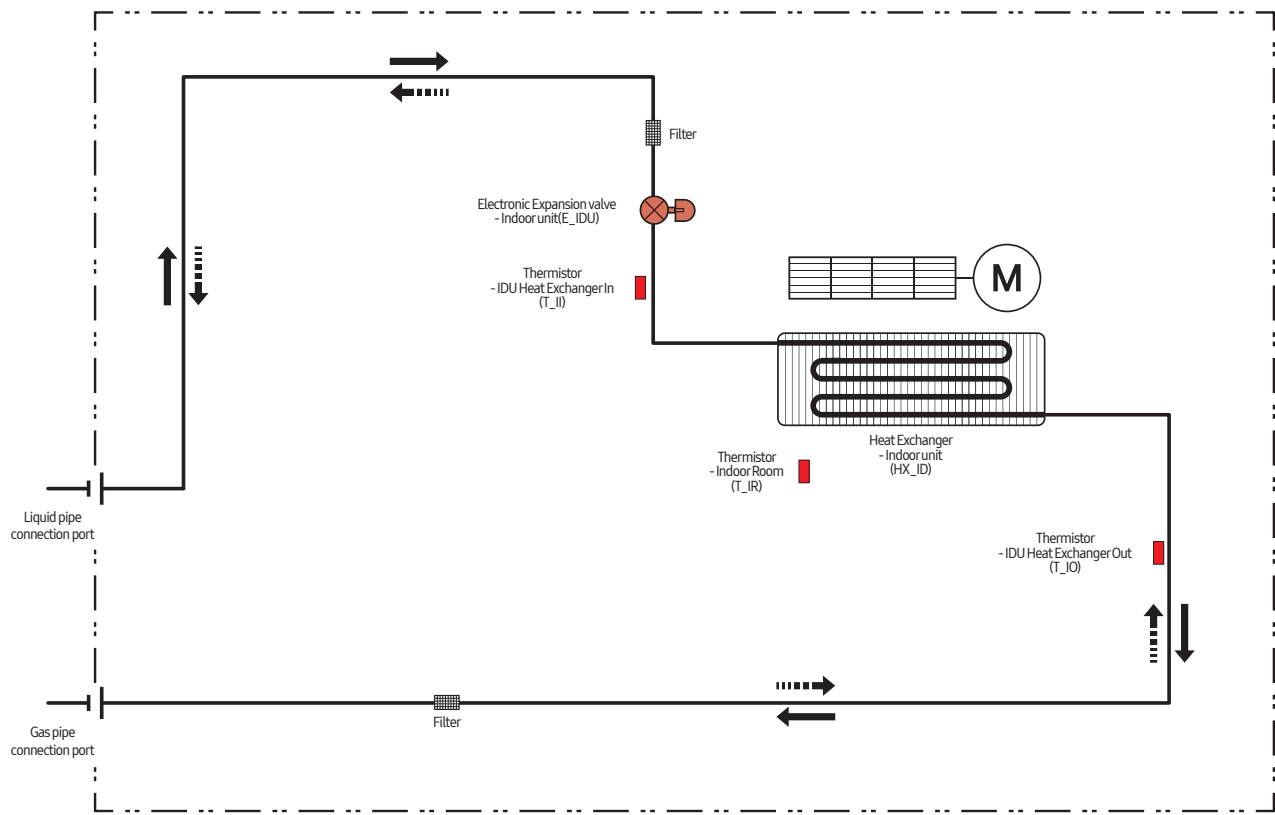


- Heating Temperature distribution
(Discharge angle : 27 degree)



10. Piping Diagram

VWMD Wall-Mount



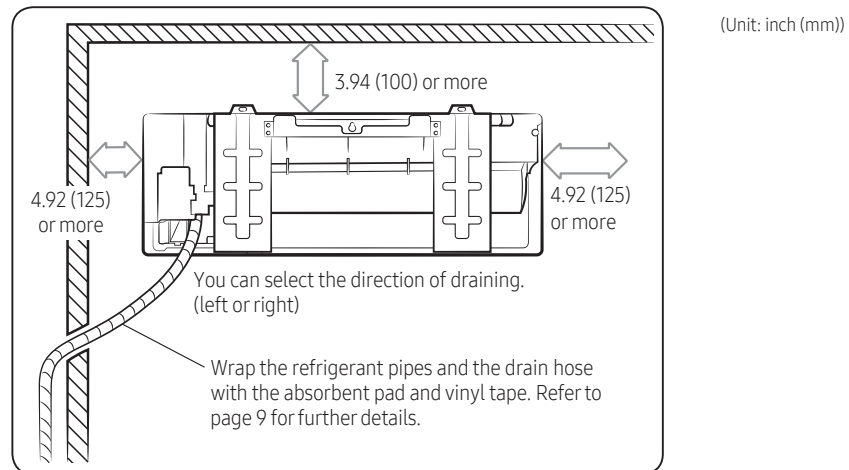
Refrigerant flow	
Cooling	Heating

Installation Clearances

VWMD Wall-Mount

Space requirements for installation & service

Observe the clearances and maximum lengths as seen in the picture below when installing the air conditioner.



NOTE

- The appearance of the unit may be different from the diagram depending on the model.



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Contact us at 1-800-4-LENNOX

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability.
Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.
Installation and service must be performed by a qualified installer and servicing agency.

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