

VWMC005-028

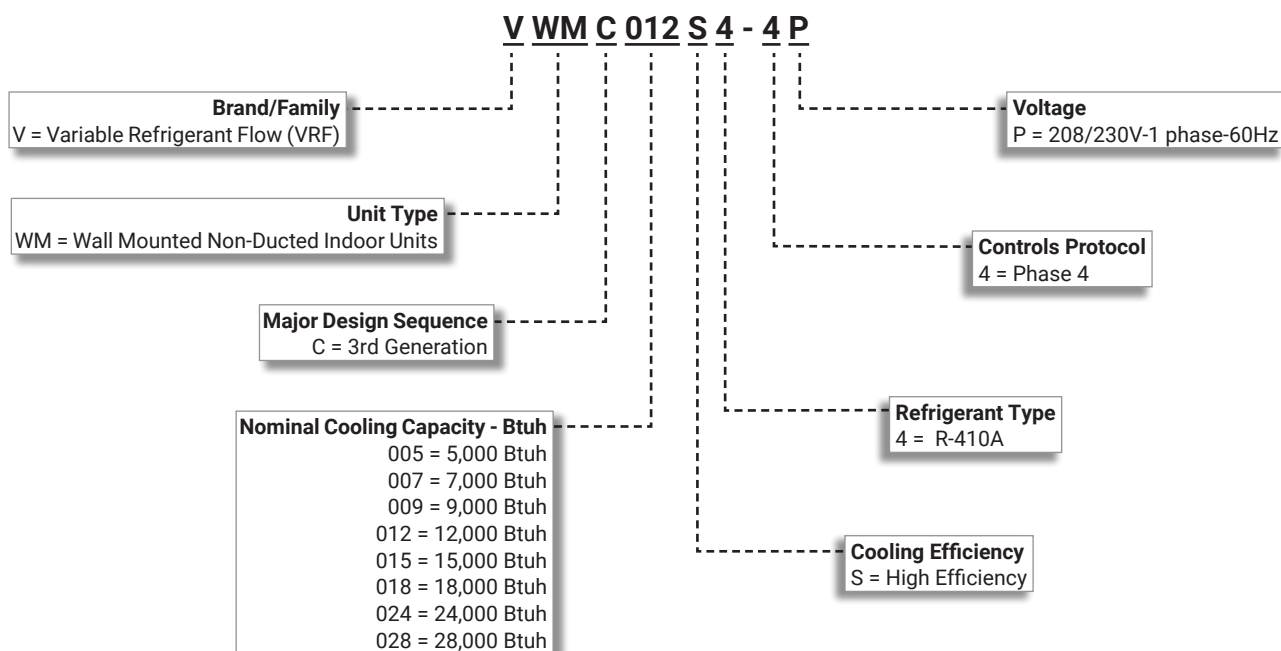
Wall-Mounted Non-Ducted Indoor Units | **R-410A** | 60Hz

5,000 to 28,000 Btuh

COMMERCIAL PRODUCT SPECIFICATIONS (EHB)



MODEL NUMBER IDENTIFICATION



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Specification

Wall-Mount

Model Name				VWMC005S4-4P	VWMC007S4-4P	VWMC009S4-4P
Power Supply			Φ, #, V, Hz	1, 2, 208~230V, 60Hz	1, 2, 208~230V, 60Hz	1, 2, 208~230V, 60Hz
Mode			-	HP/HR	HP/HR	HP/HR
Performance	Capacity	Cooling	kW	1.5	2.2	2.8
			Btu/h	5000	7500	9500
		Heating	kW	1.7	2.5	3.2
			Btu/h	5800	8500	10500
Power	Power Input	Cooling	W	20.0	24.0	30.0
		Heating		20.0	24.0	30.0
	Current Input	Cooling	A	0.13	0.16	0.20
		Heating		0.13	0.16	0.20
	Current	MCA	A	0.16	0.20	0.25
		MOP		15	15	15
Heat exchanger	Type		-	F&T	F&T	F&T
	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/Mid/Low	CMM	4.9/4.5/4.1	5.7/5.0/4.5	8.5/7.7/6.9
			CFM	173.0/158.9/144.8	201.3/176.6/158.9	300.2/271.9/243.7
			l/s	81.7/75.0/68.3	95.0/83.3/75.0	141.7/128.3/115.0
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	27 x 1	27 x 1	27 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)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)
	Drain Pipe		Φ,mm	16.3, 550	16.3, 550	16.3, 550
Wiring connections	Communication	Minimum	mm²	0.75	0.75	0.75
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High/Mid/Low/Windfree	dB(A)	31/30/27/26	34/32/30/27	34/33/32/26
	Sound Power	Cooling		50	51	52
Dimensions	Net Weight		kg (lbs)	9.0(19.8)	9.0(19.8)	9.5(20.9)
	Shipping Weight		kg (lbs)	10.5(23.1)	10.5(23.1)	11.0(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
Additional Accessories			-	-	-	-
	Drain pump	Max. lifting Height / Displacement	mm / Liter/h	-	-	-
				Filter	-	○

NOTE

- Mode : HP(Heat Pump), HR(Heat Recovery)
- Nominal Cooling : Indoor temperature 26.7°CDB / 19.4°CWB(80°F DB/67°F WB), Outdoor temperature 35°CDB / 23.9°CWB(95°F DB/75°F WB), Refrigerant pipe length 7.5m(25ft), Level difference 0m(0ft).
- Nominal Heating : Indoor temperature 21.1°CDB / 15.6°CWB(70°F DB/60°F WB), Outdoor temperature 8.3°CDB / 6.1°CWB(47°F DB/43°F WB), Refrigerant pipe length 7.5m(25ft), Level difference 0m(0ft).
- Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
- These products contain R410A which is fluorinated greenhouse gas.
- Specifications may be subject to change without prior notice.
- Select wire size based on the value of MCA
- The Wall-Mount unit delivers an air current that is under 0.15 m/s. 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).

Specification

Wall-Mount

Model Name				VWMC012S4-4P	VWMC015S4-4P	VWMC018S4-4P
Power Supply			Φ, #, V, Hz	1, 2, 208~230V, 60Hz	1, 2, 208~230V, 60Hz	1, 2, 208~230V, 60Hz
Mode			-	HP/HR	HP/HR	HP/HR
Performance	Capacity	Cooling	kW	3.6	4.5	5.6
			Btu/h	12000	15000	18000
		Heating	kW	4.0	5.0	6.3
			Btu/h	13500	17000	20000
Power	Power Input	Cooling	W	37.0	40.0	52.0
		Heating		37.0	40.0	52.0
	Current Input	Cooling	A	0.25	0.27	0.35
		Heating		0.25	0.27	0.35
	Current	MCA	A	0.31	0.34	0.44
		MOP		15	15	15
Heat exchanger	Type		-	F&T	F&T	F&T
	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/Mid/Low	CMM	10.3/9.1/8.3	12.5/11.4/10.5	15.7/13.8/12.0
			CFM	363.8/321.4/293.1	441.5/402.6/370.8	554.5/487.4/423.8
			l/s	171.7/151.7/138.3	208.3/190.0/175.0	261.7/230.0/200.0
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	27 x 1	27 x 1	27 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)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)
	Drain Pipe		Φ,mm	16.3, 550	16.3, 550	16.3, 550
Wiring connections	Communication	Minimum Remark	mm ²	0.75	0.75	0.75
			-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Electronic Expansion Valve		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High/Mid/Low/Windfree	dB(A)	40/36/34/26	37/34/33/29	40/37/34/29
	Sound Power	Cooling		56	55	58
Dimensions	Net Weight		kg (lbs)	9.5(20.9)	12.0(26.5)	12.0(26.5)
	Shipping Weight		kg (lbs)	11.0(24.3)	14.0(30.9)	14.0(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
Additional Accessories			-	-	-	-
	Drain pump	Max. lifting Height / Displacement	mm / Liter/h	-	-	-
	Filter		-	○	○	○



NOTE

- Mode : HP(Heat Pump), HR(Heat Recovery)
- Nominal Cooling : Indoor temperature 26.7°CDB / 19.4°CWB(80°F DB/67°F WB), Outdoor temperature 35°CDB / 23.9°CWB(95°F DB/75°F WB), Refrigerant pipe length 7.5m(25ft), Level difference 0m(0ft).
- Nominal Heating : Indoor temperature 21.1°CDB / 15.6°CWB(70°F DB/60°F WB), Outdoor temperature 8.3°CDB / 6.1°CWB(47°F DB/43°F WB), Refrigerant pipe length 7.5m(25ft), Level difference 0m(0ft).
- Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.
- These products contain R410A which is fluorinated greenhouse gas.
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- The Wall-Mount unit delivers an air current that is under 0.15 m/s. 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).

Specification

Wall-Mount

Model Name				VWMC024S4-4P	VWMC028S4-4P
Power Supply			Φ, #, V, Hz	1, 2, 208~230V, 60Hz	1, 2, 208~230V, 60Hz
Mode			-	HP/HR	HP/HR
Performance	Capacity	Cooling	kW	6.8	8.2
			Btu/h	23200	28000
		Heating	kW	7.0	8.5
			Btu/h	23800	29000
Power	Power Input	Cooling	W	60.0	65.0
		Heating		60.0	65.0
	Current Input	Cooling	A	0.40	0.43
		Heating		0.40	0.43
	Current	MCA	A	0.50	0.54
		MOP		15	15
Heat exchanger	Type		-	F&T	F&T
	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/Mid/Low	CMM	16.8/15.0/13.2	17.5/15.6/13.8
			CFM	593.3/529.7/466.2	618.0/550.9/487.4
			l/s	280.0/250.0/220.0	291.7/260.0/230.0
Fan Motor	Type		-	BLDC	BLDC
	Output x n		W	27 x 1	27 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection
			Φ, mm (inch)	9.52 (3/8)	9.52 (3/8)
	Gas Pipe		Type	Flare connection	Flare connection
			Φ, mm (inch)	15.88 (5/8)	15.88 (5/8)
	Drain Pipe		Φ,mm	16.3, 550	16.3, 550
Wiring connections	Communication	Minimum	mm ²	0.75	0.75
		Remark	-	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A
	Electronic Expansion Valve		-	EEV INCLUDED	EEV INCLUDED
Sound	Sound Pressure	High/Mid/Low/Windfree	dB(A)	43/40/37/29	46/45/43/30
	Sound Power	Cooling		62	64
Dimensions	Net Weight		kg (lbs)	12.0(26.5)	13.0(28.7)
	Shipping Weight		kg (lbs)	14.0(30.9)	15.0(33.1)
	Net Dimensions (W×H×D)		mm	1,055 x 299 x 215	1,055 x 299 x 215
			inch	41.5 x 11.8 x 8.5	41.5 x 11.8 x 8.5
	Shipping Dimensions (W×H×D)		mm	1,115 x 290 x 375	1,115 x 290 x 375
			inch	43.9 x 11.4 x 14.8	43.9 x 11.4 x 14.8
Additional Accessories			-	-	-
	Drain pump	Max. lifting Height / Displacement	mm / Liter/h	-	-
	Filter		-	○	○

NOTE

- Mode : HP(Heat Pump), HR(Heat Recovery)
- Nominal Cooling : Indoor temperature 26.7°CDB / 19.4°CWB(80°F DB/67°F WB), Outdoor temperature 35°CDB / 23.9°CWB(95°F DB/75°F WB), Refrigerant pipe length 7.5m(25ft), Level difference 0m(0ft).
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Performance/Electrical Characteristics

Wall-Mount

Performance Characteristics

Model Code	Net Weight (lbs)	Fan Speed	Nominal Capacity			Airflow (CFM)	Sound Pressure	Sound Power
			Cooling	Sensible	Heating			
VWMC005S4-4P	19.8	High	5,000	3,400	5,800	173.0	31	50
		Mid	4,600	3,100	5,600	158.9	30	-
		Low	4,300	2,900	5,300	144.8	27	-
VWMC007S4-4P	19.8	High	7,500	5,000	8,500	201.3	34	51
		Mid	6,700	4,500	8,000	176.6	32	-
		Low	6,100	4,100	7,600	158.9	30	-
VWMC009S4-4P	20.9	High	9,500	6,400	10,500	300.2	34	52
		Mid	8,700	5,900	10,000	271.9	33	-
		Low	7,900	5,300	9,500	243.7	32	-
VWMC012S4-4P	20.9	High	12,000	8,000	13,500	363.8	40	56
		Mid	10,800	7,200	12,700	321.4	36	-
		Low	9,900	6,600	12,100	293.1	34	-
VWMC015S4-4P	26.5	High	15,000	10,100	17,000	441.5	37	55
		Mid	13,900	9,400	16,200	402.6	34	-
		Low	12,900	8,700	15,600	370.8	33	-
VWMC018S4-4P	26.5	High	18,000	12,100	20,000	554.5	40	58
		Mid	16,100	10,800	18,800	487.4	37	-
		Low	14,200	9,500	17,500	423.8	34	-
VWMC024S4-4P	26.5	High	23,200	15,700	23,800	593.3	43	62
		Mid	21,000	14,200	22,500	529.7	40	-
		Low	18,700	12,700	21,100	466.2	37	-
VWMC028S4-4P	28.7	High	28,000	18,800	29,000	618.0	46	64
		Mid	25,300	17,000	27,400	550.9	45	-
		Low	22,700	15,200	25,800	487.4	43	-

Electrical Characteristics

Model Code	Power Supply (Ø, #, V, Hz)	Power Input (W) (C / H)	Current Input (A) (C / H)	MCA (A)	MOP (A)	FLA (A)
VWMC005S4-4P	1, 2, 208~230, 60	20 / 20	0.13 / 0.13	0.16	15	0.13
VWMC007S4-4P	1, 2, 208~230, 60	24 / 24	0.16 / 0.16	0.20	15	0.16
VWMC009S4-4P	1, 2, 208~230, 60	30 / 30	0.20 / 0.20	0.25	15	0.20
VWMC012S4-4P	1, 2, 208~230, 60	37 / 37	0.25 / 0.25	0.31	15	0.25
VWMC015S4-4P	1, 2, 208~230, 60	40 / 40	0.27 / 0.27	0.34	15	0.27
VWMC018S4-4P	1, 2, 208~230, 60	52 / 52	0.35 / 0.35	0.44	15	0.35
VWMC024S4-4P	1, 2, 208~230, 60	60 / 60	0.40 / 0.40	0.50	15	0.40
VWMC028S4-4P	1, 2, 208~230, 60	65 / 65	0.43 / 0.43	0.54	15	0.43



NOTE

- MCA : Minimum circuit amperes
- MOP : Maximum overcurrent protective
- Select wire size based on the value of MCA

Capacity Table

Wall-Mount

Cooling

TC: Total Capacity, SHC: Sensible Heat Capacity

Capacity Index	Outdoor Air Temp. (°F, DB)	Indoor temperature													
		68(°F,DB)		73(°F,DB)		79(°F,DB)		80(°F,DB)		85(°F,DB)		87(°F,DB)		89(°F,DB)	
		57(°F,WB)		61(°F,WB)		64(°F,WB)		67(°F,WB)		70(°F,WB)		72(°F,WB)		75(°F,WB)	
		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
5	50	3.3	3.1	4.0	3.4	4.7	3.4	5.0	3.4	5.3	3.4	5.7	3.7	6.0	3.4
	54	3.3	3.1	4.0	3.4	4.7	3.4	5.0	3.4	5.3	3.4	5.7	3.7	6.0	3.4
	58	3.3	3.1	4.0	3.4	4.7	3.4	5.0	3.4	5.3	3.4	5.7	3.7	6.0	3.4
	60	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
	64	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
	67	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
	70	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
	73	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
	77	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
	80	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
	84	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
	88	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
	92	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
	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
	99	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
	103	3.3	3.1	4.0	3.4	4.7	3.4	5.0	3.4	5.3	3.4	5.3	3.7	5.7	3.1
	107	3.3	3.1	4.0	3.4	4.6	3.4	4.9	3.4	5.3	3.4	5.2	3.7	5.5	3.0
	111	3.3	3.1	4.0	3.4	4.5	3.3	4.8	3.2	5.1	3.3	5.0	3.5	5.3	2.9
7.5	50	5.1	4.3	6.1	5.0	7.2	5.0	7.5	5.0	7.8	5.0	8.5	5.3	8.9	4.7
	54	5.1	4.3	6.1	5.0	7.2	5.0	7.5	5.0	7.8	5.0	8.5	5.3	8.9	4.7
	58	5.1	4.3	6.1	5.0	7.2	5.0	7.5	5.0	7.8	5.0	8.5	5.3	8.9	4.7
	60	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
	64	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
	67	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
	70	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
	73	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
	77	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
	80	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
	84	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
	88	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
	92	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
	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
	99	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
	103	5.1	4.3	6.1	5.0	7.2	5.0	7.5	5.0	7.8	5.0	8.2	5.0	8.5	4.3
	107	5.1	4.3	6.1	5.0	7.1	5.0	7.4	4.9	7.7	4.9	8.0	4.9	8.3	4.2
	111	5.1	4.3	6.1	5.0	6.9	4.8	7.2	4.8	7.5	4.8	7.7	4.7	8.0	4.1
	115	5.1	4.3	6.1	5.0	6.8	4.8	6.9	4.6	7.3	4.7	7.5	4.6	7.8	4.0
	118	5.0	4.3	6.0	4.9	6.7	4.7	6.7	4.5	7.2	4.6	7.3	4.4	7.5	3.8
	120	5.0	4.2	5.9	4.8	6.5	4.6	6.7	4.5	6.9	4.4	7.0	4.3	7.2	3.7

Capacity Table

Wall-Mount

Cooling

TC: Total Capacity, SHC: Sensible Heat Capacity

Capacity Index	Outdoor Air Temp. (°F, DB)	Indoor temperature													
		68(°F,DB)		73(°F,DB)		79(°F,DB)		80(°F,DB)		85(°F,DB)		87(°F,DB)		89(°F,DB)	
		57(°F,WB)		61(°F,WB)		64(°F,WB)		67(°F,WB)		70(°F,WB)		72(°F,WB)		75(°F,WB)	
		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
9.5	50	6.4	5.4	7.8	6.1	8.8	6.7	9.5	6.4	9.8	6.4	10.5	6.4	11.5	6.4
	54	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
	58	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
	60	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
	64	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
	67	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
	70	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
	73	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
	77	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
	80	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
	84	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
	88	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
	92	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
	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
	99	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
	103	6.4	5.4	7.8	6.1	8.8	6.7	9.5	6.4	9.8	6.4	10.2	6.1	10.9	5.7
	107	6.4	5.4	7.8	6.1	8.8	6.7	9.4	6.3	9.7	6.3	10.0	6.0	10.6	5.6
	111	6.4	5.4	7.8	6.1	8.5	6.5	9.1	6.1	9.4	6.1	9.6	5.7	10.2	5.4
12	50	8.3	7.0	9.7	7.3	11.3	7.7	12.0	8.0	12.3	8.0	13.3	8.0	14.3	7.7
	54	8.3	7.0	9.7	7.3	11.3	7.7	12.0	8.0	12.3	8.0	13.3	8.0	14.3	7.7
	58	8.3	7.0	9.7	7.3	11.3	7.7	12.0	8.0	12.3	8.0	13.3	8.0	14.3	7.7
	60	8.3	7.0	9.7	7.3	11.3	7.7	12.0	8.0	12.3	8.0	13.3	8.0	14.3	7.7
	64	8.3	7.0	9.7	7.3	11.3	7.7	12.0	8.0	12.3	8.0	13.3	8.0	14.3	7.7
	67	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
	70	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
	73	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
	77	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
	80	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
	84	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
	88	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
	92	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
	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
	99	8.3	7.0	9.7	7.3	11.3	7.7	12.0	8.0	12.3	8.0	13.0	7.7	14.0	7.7
	103	8.3	7.0	9.7	7.3	11.3	7.7	12.0	8.0	12.3	8.0	13.0	7.7	13.7	7.3
	107	8.3	7.0	9.7	7.3	11.3	7.6	11.8	7.9	12.2	7.9	12.8	7.5	13.3	7.1
	111	8.3	7.0	9.7	7.3	10.9	7.4	11.5	7.6	11.8	7.7	12.3	7.2	12.9	6.9
	115	8.3	7.0	9.6	7.3	10.8	7.3	11.1	7.4	11.5	7.5	11.9	7.0	12.5	6.7
	118	8.2	6.9	9.5	7.2	10.6	7.2	10.8	7.2	11.3	7.3	11.5	6.8	12.1	6.5
	120	8.1	6.8	9.3	7.1	10.3	7.0	10.7	7.1	10.9	7.1	11.1	6.5	11.6	6.2

Capacity Table

Wall-Mount

Cooling

TC: Total Capacity, SHC: Sensible Heat Capacity

Capacity Index	Outdoor Air Temp. (°F, DB)	Indoor temperature													
		68(°F,DB)		73(°F,DB)		79(°F,DB)		80(°F,DB)		85(°F,DB)		87(°F,DB)		89(°F,DB)	
		57(°F,WB)		61(°F,WB)		64(°F,WB)		67(°F,WB)		70(°F,WB)		72(°F,WB)		75(°F,WB)	
		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
15	50	10.4	8.0	12.3	9.0	14.2	9.8	15.0	10.1	15.5	10.1	16.9	10.4	17.9	9.6
	54	10.4	8.0	12.3	9.0	14.2	9.8	15.0	10.1	15.5	10.1	16.9	10.4	17.9	9.6
	58	10.4	8.0	12.3	9.0	14.2	9.8	15.0	10.1	15.5	10.1	16.6	10.1	17.9	9.6
	60	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
	64	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
	67	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
	70	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
	73	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
	77	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
	80	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
	84	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
	88	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
	92	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
	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
	99	10.4	8.0	12.3	9.0	14.2	9.8	15.0	10.1	15.5	10.1	16.3	9.8	17.4	9.0
	103	10.4	8.0	12.3	9.0	14.2	9.8	15.0	10.1	15.5	10.1	16.3	9.8	17.1	8.8
	107	10.4	8.0	12.3	9.0	14.1	9.8	14.8	10.0	15.4	10.0	16.0	9.7	16.7	8.6
18	111	10.4	8.0	12.3	9.0	13.7	9.5	14.3	9.6	14.9	9.7	15.4	9.3	16.1	8.3
	115	10.4	8.0	12.2	9.0	13.5	9.3	13.9	9.3	14.5	9.4	14.9	9.0	15.7	8.0
	118	10.3	7.9	12.1	8.8	13.3	9.2	13.5	9.1	14.2	9.2	14.5	8.7	15.1	7.8
	120	10.1	7.8	11.9	8.7	13.0	9.0	13.4	9.0	13.7	8.9	13.9	8.4	14.6	7.5
	50	12.5	9.6	14.8	10.8	17.0	11.8	18.0	12.1	18.6	12.1	20.3	12.4	21.5	11.5
	54	12.5	9.6	14.8	10.8	17.0	11.8	18.0	12.1	18.6	12.1	20.3	12.4	21.5	11.5
	58	12.5	9.6	14.8	10.8	17.0	11.8	18.0	12.1	18.6	12.1	19.9	12.1	21.5	11.5
	60	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
	64	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
	67	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
	70	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
	73	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
	77	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
	80	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
	84	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
	88	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
	92	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
	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
	99	12.5	9.6	14.8	10.8	17.0	11.8	18.0	12.1	18.6	12.1	19.6	11.8	20.9	10.8
	103	12.5	9.6	14.8	10.8	17.0	11.8	18.0	12.1	18.6	12.1	19.6	11.8	20.6	10.5
	107	12.5	9.6	14.8	10.8	16.9	11.7	17.8	11.9	18.4	12.0	19.3	11.6	20.1	10.2
	111	12.5	9.6	14.8	10.8	16.5	11.4	17.2	11.6	17.9	11.6	18.5	11.1	19.4	9.9
	115	12.5	9.6	14.6	10.7	16.2	11.2	16.6	11.2	17.4	11.3	17.9	10.8	18.8	9.6
	118	12.4	9.4	14.5	10.6	15.9	11.0	16.2	10.9	17.0	11.0	17.4	10.4	18.2	9.3
	120	12.2	9.3	14.3	10.5	15.6	10.8	16.0	10.8	16.5	10.7	16.7	10.0	17.5	8.9

Capacity Table

Wall-Mount

Cooling

TC: Total Capacity, SHC: Sensible Heat Capacity

Capacity Index	Outdoor Air Temp. (°F, DB)	Indoor temperature													
		68(°F,DB)		73(°F,DB)		79(°F,DB)		80(°F,DB)		85(°F,DB)		87(°F,DB)		89(°F,DB)	
		57(°F,WB)		61(°F,WB)		64(°F,WB)		67(°F,WB)		70(°F,WB)		72(°F,WB)		75(°F,WB)	
		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
24	50	16.2	12.4	19.0	14.0	22.0	15.1	23.2	15.7	24.0	15.7	26.0	16.0	27.8	14.9
	54	16.2	12.4	19.0	14.0	22.0	15.1	23.2	15.7	24.0	15.7	26.0	16.0	27.8	14.9
	58	16.2	12.4	19.0	14.0	22.0	15.1	23.2	15.7	24.0	15.7	25.8	15.7	27.8	14.9
	60	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
	64	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
	67	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
	70	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
	73	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
	77	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
	80	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
	84	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
	88	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
	92	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
	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
	99	16.2	12.4	19.0	14.0	22.0	15.1	23.2	15.7	24.0	15.7	25.2	15.1	26.8	14.0
	103	16.2	12.4	19.0	14.0	22.0	15.1	23.2	15.7	24.0	15.7	25.2	15.1	26.6	13.4
	107	16.2	12.4	19.0	14.0	21.9	15.0	22.9	15.5	23.8	15.5	24.8	14.9	25.9	13.1
	111	16.2	12.4	19.0	14.0	21.3	14.6	22.1	14.9	23.1	15.0	23.8	14.3	25.0	12.7
28	50	19.5	14.8	22.9	16.8	26.6	18.1	28.0	18.8	29.0	18.8	31.4	19.1	33.5	17.8
	54	19.5	14.8	22.9	16.8	26.6	18.1	28.0	18.8	29.0	18.8	31.4	19.1	33.5	17.8
	58	19.5	14.8	22.9	16.8	26.6	18.1	28.0	18.8	29.0	18.8	31.1	18.8	33.5	17.8
	60	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
	64	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
	67	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
	70	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
	73	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
	77	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
	80	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
	84	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
	88	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
	92	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
	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
	99	19.5	14.8	22.9	16.8	26.6	18.1	28.0	18.8	29.0	18.8	30.4	18.1	32.4	16.8
	103	19.5	14.8	22.9	16.8	26.6	18.1	28.0	18.8	29.0	18.8	30.4	18.1	32.1	16.1
	107	19.5	14.8	22.9	16.8	26.4	18.0	27.6	18.6	28.7	18.6	29.9	17.8	31.3	15.7
	111	19.5	14.8	22.9	16.8	25.7	17.5	26.7	17.9	27.9	18.0	28.7	17.1	30.2	15.2
	115	19.5	14.8	22.7	16.6	25.3	17.2	25.9	17.4	27.0	17.5	27.7	16.6	29.4	14.8
	118	19.2	14.6	22.4	16.4	24.9	16.9	25.2	16.9	26.5	17.2	27.0	16.1	28.4	14.2
	120	18.9	14.4	22.1	16.2	24.3	16.6	24.9	16.7	25.7	16.6	25.9	15.4	27.3	13.7

Capacity Table

Wall-Mount

Heating

TC: Total Capacity

Capacity Index	Outdoor Air Temp. (°F)		Indoor temperature (°F, DB)				
			61.0	65.0	70.0	72.0	75.0
			TC	TC	TC	TC	TC
	DB	WB	MBH	MBH	MBH	MBH	MBH
5	-12.6	-13.0	2.9	2.9	2.9	2.9	2.9
	-7.1	-7.6	3.2	3.2	3.2	3.2	3.2
	-3.6	-4.0	3.4	3.4	3.4	3.4	3.4
	-1.8	-2.2	3.5	3.5	3.5	3.5	3.5
	2.0	1.0	3.8	3.8	3.8	3.8	3.8
	6.0	5.0	4.1	3.8	3.8	3.8	3.8
	10.0	9.0	4.1	4.0	4.0	4.0	4.0
	13.0	12.0	4.6	4.6	4.4	4.4	4.4
	17.0	15.0	4.9	4.8	4.5	4.5	4.5
	19.0	18.0	5.1	4.9	4.8	4.6	4.6
	23.0	21.0	5.5	5.1	5.1	4.8	4.8
	26.0	24.0	5.5	5.5	5.5	5.1	5.1
	30.0	28.0	5.8	5.8	5.5	5.5	5.1
	35.0	32.0	6.1	5.8	5.8	5.5	5.1
	39.0	36.0	6.1	6.1	5.8	5.5	5.1
	44.0	40.0	6.5	6.1	5.8	5.5	5.1
	47.0	43.0	6.5	6.1	5.8	5.5	5.1
	51.0	47.0	6.8	6.1	5.8	5.5	5.1
	54.0	50.0	6.8	6.1	5.8	5.5	5.1
7.5	57.0	53.0	6.8	6.1	5.8	5.5	5.1
	60.0	56.0	6.8	6.1	5.8	5.5	5.1
	-12.6	-13.0	4.6	4.6	4.6	4.6	4.6
	-7.1	-7.6	4.9	4.9	4.9	4.9	4.9
	-3.6	-4.0	5.1	5.1	5.1	5.1	5.1
	-1.8	-2.2	5.2	5.2	5.2	5.2	5.2
	2.0	1.0	5.5	5.4	5.4	5.4	5.4
	6.0	5.0	5.8	5.5	5.5	5.5	5.5
	10.0	9.0	6.1	6.0	6.0	6.0	5.7
	13.0	12.0	6.6	6.6	6.4	6.4	6.3
	17.0	15.0	7.0	6.9	6.6	6.5	6.5
	19.0	18.0	7.3	7.1	7.0	6.6	6.6
	23.0	21.0	7.8	7.5	7.5	6.8	6.8
	26.0	24.0	8.2	7.8	7.8	7.5	7.5
	30.0	28.0	8.5	8.5	8.2	7.8	7.5
	35.0	32.0	8.8	8.5	8.5	7.8	7.5
	39.0	36.0	9.2	8.8	8.5	7.8	7.5
	44.0	40.0	9.5	9.2	8.5	7.8	7.5
	47.0	43.0	9.5	9.2	8.5	7.8	7.5
	51.0	47.0	10.2	9.2	8.5	7.8	7.5
	54.0	50.0	10.2	9.2	8.5	7.8	7.5
	57.0	53.0	10.2	9.2	8.5	7.8	7.5
	60.0	56.0	10.2	9.2	8.5	7.8	7.5

Capacity Table

Wall-Mount

Heating

TC: Total Capacity

Capacity Index	Outdoor Air Temp. (°F)		Indoor temperature (°F, DB)				
			61.0	65.0	70.0	72.0	75.0
			TC	TC	TC	TC	TC
	DB	WB	MBH	MBH	MBH	MBH	MBH
9.5	-12.6	-13.0	5.7	5.7	5.7	5.7	6.2
	-7.1	-7.6	6.0	6.0	6.0	6.0	6.2
	-3.6	-4.0	6.3	6.3	6.3	6.3	6.2
	-1.8	-2.2	6.4	6.4	6.4	6.4	6.2
	2.0	1.0	6.6	6.6	6.6	6.6	6.2
	6.0	5.0	6.9	6.9	6.6	6.6	6.3
	10.0	9.0	7.2	7.2	7.1	6.8	6.8
	13.0	12.0	7.5	7.5	7.5	7.4	7.1
	17.0	15.0	7.7	7.6	7.6	7.6	7.3
	19.0	18.0	7.9	7.7	7.7	7.7	7.4
	23.0	21.0	8.2	7.9	7.9	7.9	7.5
	26.0	24.0	8.5	8.5	8.2	8.2	7.9
	30.0	28.0	9.2	8.9	8.9	8.5	8.2
	35.0	32.0	9.5	9.2	9.2	8.9	8.5
	39.0	36.0	9.8	9.8	9.5	9.2	8.9
	44.0	40.0	10.5	10.2	10.2	9.5	8.9
	47.0	43.0	10.8	10.5	10.5	9.8	8.9
	51.0	47.0	11.2	10.8	10.5	9.8	8.9
	54.0	50.0	11.5	10.8	10.5	9.8	8.9
	57.0	53.0	11.8	11.2	10.5	9.8	8.9
	60.0	56.0	12.1	11.2	10.5	9.8	8.9
12	-12.6	-13.0	7.0	7.6	7.2	7.2	7.8
	-7.1	-7.6	7.7	7.9	7.6	7.6	7.8
	-3.6	-4.0	8.1	8.1	7.8	7.8	7.8
	-1.8	-2.2	8.4	8.2	7.9	7.9	7.8
	2.0	1.0	8.8	8.5	8.2	8.2	7.8
	6.0	5.0	9.1	8.8	8.5	8.5	8.2
	10.0	9.0	9.4	9.0	9.0	8.7	8.6
	13.0	12.0	9.7	9.6	9.6	9.3	9.3
	17.0	15.0	9.9	9.9	9.8	9.6	9.5
	19.0	18.0	10.1	10.1	10.0	9.8	9.6
	23.0	21.0	10.5	10.5	10.1	10.1	9.8
	26.0	24.0	11.1	10.8	10.8	10.5	10.1
	30.0	28.0	11.5	11.5	11.1	10.8	10.5
	35.0	32.0	12.2	12.2	11.8	11.5	10.8
	39.0	36.0	12.8	12.5	12.5	11.8	11.5
	44.0	40.0	13.2	13.2	12.8	12.2	11.5
	47.0	43.0	13.8	13.8	13.5	12.5	11.5
	51.0	47.0	14.2	13.8	13.5	12.5	11.5
	54.0	50.0	14.9	14.2	13.5	12.5	11.5
	57.0	53.0	15.2	14.2	13.5	12.5	11.5
	60.0	56.0	15.5	14.5	13.5	12.5	11.5

Capacity Table

Wall-Mount

Heating

TC: Total Capacity

Capacity Index	Outdoor Air Temp. (°F)		Indoor temperature (°F, DB)				
			61.0	65.0	70.0	72.0	75.0
			TC	TC	TC	TC	TC
	DB	WB	MBH	MBH	MBH	MBH	MBH
15	-12.6	-13.0	10.2	9.5	9.8	9.6	9.6
	-7.1	-7.6	10.4	10.0	10.1	9.8	9.8
	-3.6	-4.0	10.6	10.3	10.3	10.0	10.0
	-1.8	-2.2	10.6	10.5	10.4	10.1	10.1
	2.0	1.0	10.9	10.8	10.6	10.3	10.3
	6.0	5.0	11.4	11.1	10.8	10.6	10.3
	10.0	9.0	11.8	11.5	11.2	11.2	10.9
	13.0	12.0	12.3	12.2	11.9	11.7	11.7
	17.0	15.0	12.5	12.5	12.3	12.0	11.9
	19.0	18.0	12.8	12.7	12.5	12.3	12.0
	23.0	21.0	13.2	13.0	13.0	12.7	12.1
	26.0	24.0	14.0	13.8	13.5	13.2	12.7
	30.0	28.0	14.6	14.3	14.3	13.8	13.2
	35.0	32.0	15.4	15.1	14.9	14.3	13.5
	39.0	36.0	15.9	15.9	15.6	15.1	14.3
	44.0	40.0	16.7	16.5	16.2	15.4	14.3
	47.0	43.0	17.5	17.3	17.0	15.6	14.3
	51.0	47.0	18.1	17.5	17.0	15.6	14.3
	54.0	50.0	18.6	17.8	17.0	15.6	14.3
	57.0	53.0	19.1	18.1	17.0	15.6	14.3
	60.0	56.0	19.7	18.4	17.0	15.6	14.3
18	-12.6	-13.0	11.9	11.0	11.6	11.2	11.2
	-7.1	-7.6	12.2	11.7	11.9	11.6	11.6
	-3.6	-4.0	12.4	12.1	12.1	11.8	11.8
	-1.8	-2.2	12.5	12.3	12.2	11.9	11.9
	2.0	1.0	12.8	12.7	12.4	12.1	12.1
	6.0	5.0	13.4	13.1	12.8	12.5	12.2
	10.0	9.0	13.8	13.5	13.2	13.1	12.8
	13.0	12.0	14.4	14.4	14.0	13.8	13.7
	17.0	15.0	14.8	14.7	14.4	14.1	14.0
	19.0	18.0	15.1	14.9	14.8	14.4	14.1
	23.0	21.0	15.6	15.2	15.2	14.9	14.3
	26.0	24.0	16.5	16.2	15.9	15.6	14.9
	30.0	28.0	17.1	16.8	16.8	16.2	15.6
	35.0	32.0	18.1	17.8	17.5	16.8	15.9
	39.0	36.0	18.7	18.7	18.4	17.8	16.8
	44.0	40.0	19.7	19.4	19.0	18.1	16.8
	47.0	43.0	20.6	20.3	20.0	18.4	16.8
	51.0	47.0	21.3	20.6	20.0	18.4	16.8
	54.0	50.0	21.9	21.0	20.0	18.4	16.8
	57.0	53.0	22.5	21.3	20.0	18.4	16.8
	60.0	56.0	23.2	21.6	20.0	18.4	16.8

Capacity Table

Wall-Mount

Heating

TC: Total Capacity

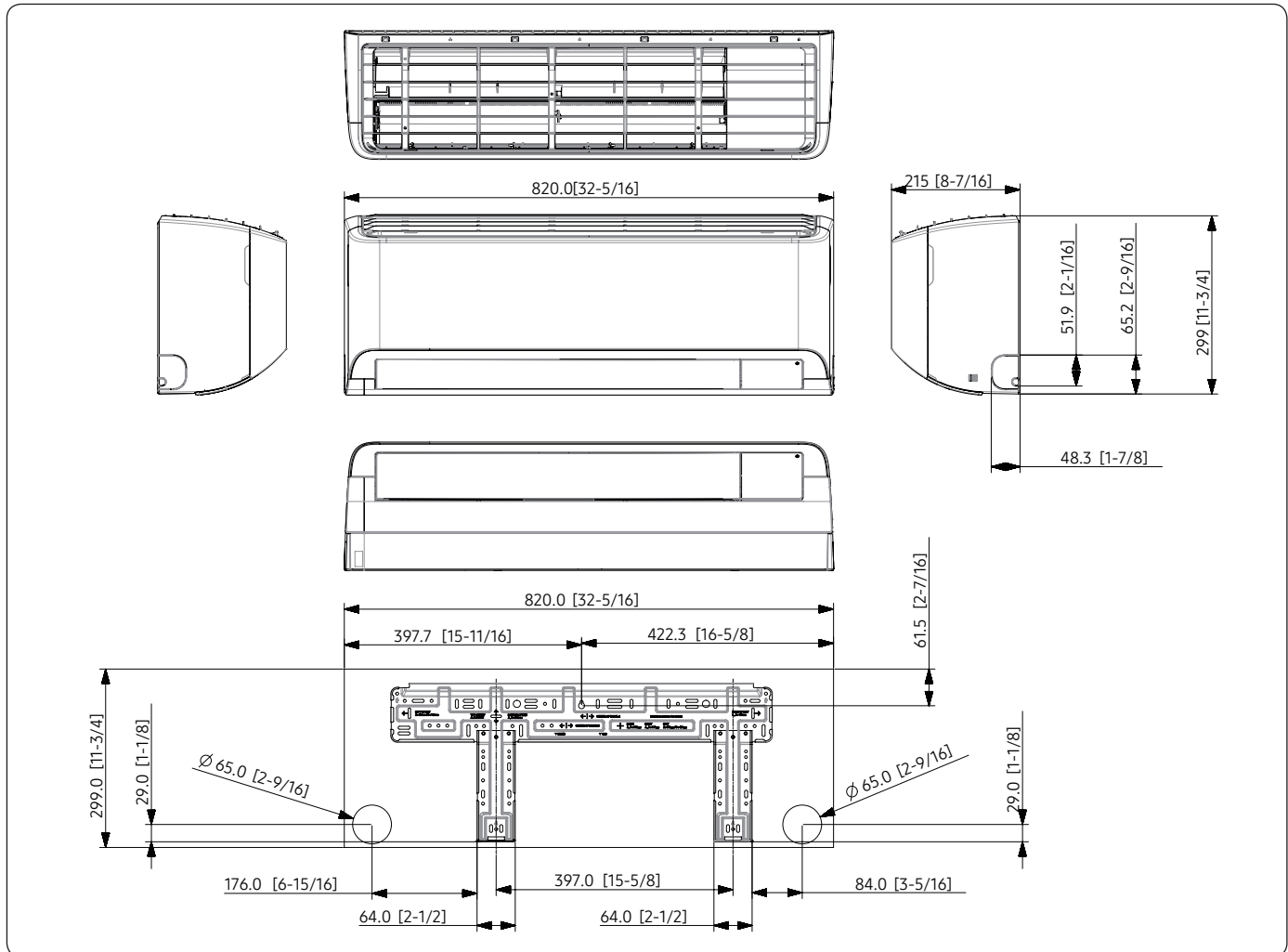
Capacity Index	Outdoor Air Temp. (°F)		Indoor temperature (°F, DB)				
			61.0	65.0	70.0	72.0	75.0
			TC	TC	TC	TC	TC
	DB	WB	MBH	MBH	MBH	MBH	MBH
24	-12.6	-13.0	14.2	13.1	13.8	13.3	13.3
	-7.1	-7.6	14.5	13.9	14.2	13.8	13.8
	-3.6	-4.0	14.8	14.4	14.4	14.0	14.0
	-1.8	-2.2	14.9	14.6	14.5	14.2	14.2
	2.0	1.0	15.2	15.1	14.8	14.4	14.4
	6.0	5.0	15.9	15.6	15.2	14.9	14.5
	10.0	9.0	16.4	16.1	15.7	15.6	15.2
	13.0	12.0	17.1	17.1	16.7	16.4	16.3
	17.0	15.0	17.6	17.5	17.1	16.8	16.7
	19.0	18.0	18.0	17.7	17.6	17.1	16.8
	23.0	21.0	18.6	18.1	18.1	17.7	17.0
	26.0	24.0	19.6	19.3	18.9	18.6	17.7
	30.0	28.0	20.3	20.0	20.0	19.3	18.6
	35.0	32.0	21.5	21.2	20.8	20.0	18.9
	39.0	36.0	22.3	22.3	21.9	21.2	20.0
	44.0	40.0	23.4	23.1	22.6	21.5	20.0
	47.0	43.0	24.5	24.2	23.8	21.9	20.0
	51.0	47.0	25.3	24.5	23.8	21.9	20.0
	54.0	50.0	26.1	25.0	23.8	21.9	20.0
	57.0	53.0	26.8	25.3	23.8	21.9	20.0
	60.0	56.0	27.6	25.7	23.8	21.9	20.0
28	-12.6	-13.0	17.5	15.8	16.3	16.5	16.5
	-7.1	-7.6	17.9	16.8	17.0	16.9	16.9
	-3.6	-4.0	18.1	17.5	17.4	17.1	17.1
	-1.8	-2.2	18.2	17.8	17.7	17.2	17.2
	2.0	1.0	18.6	18.5	18.1	17.5	17.4
	6.0	5.0	19.5	18.9	18.5	18.2	17.5
	10.0	9.0	20.0	19.6	19.2	19.2	18.5
	13.0	12.0	20.9	20.8	20.5	20.0	19.8
	17.0	15.0	21.4	21.3	21.0	20.4	20.2
	19.0	18.0	21.8	21.7	21.5	20.8	20.5
	23.0	21.0	22.5	22.2	22.2	21.5	20.8
	26.0	24.0	23.9	23.5	22.9	22.5	21.5
	30.0	28.0	24.9	24.6	24.6	23.5	22.5
	35.0	32.0	26.3	25.9	25.2	24.6	22.9
	39.0	36.0	27.3	27.3	26.6	25.9	24.6
	44.0	40.0	28.7	28.0	27.6	26.3	24.6
	47.0	43.0	30.0	29.3	29.0	26.6	24.6
	51.0	47.0	30.7	30.0	29.0	26.6	24.6
	54.0	50.0	31.7	30.4	29.0	26.6	24.6
	57.0	53.0	32.8	30.7	29.0	26.6	24.6
	60.0	56.0	33.4	31.4	29.0	26.6	24.6

Dimensional Drawing

Wall-Mount

VWMC005S4-4P, VWMC007S4-4P, VWMC009S4-4P, VWMC012S4-4P

Unit: mm (inches)

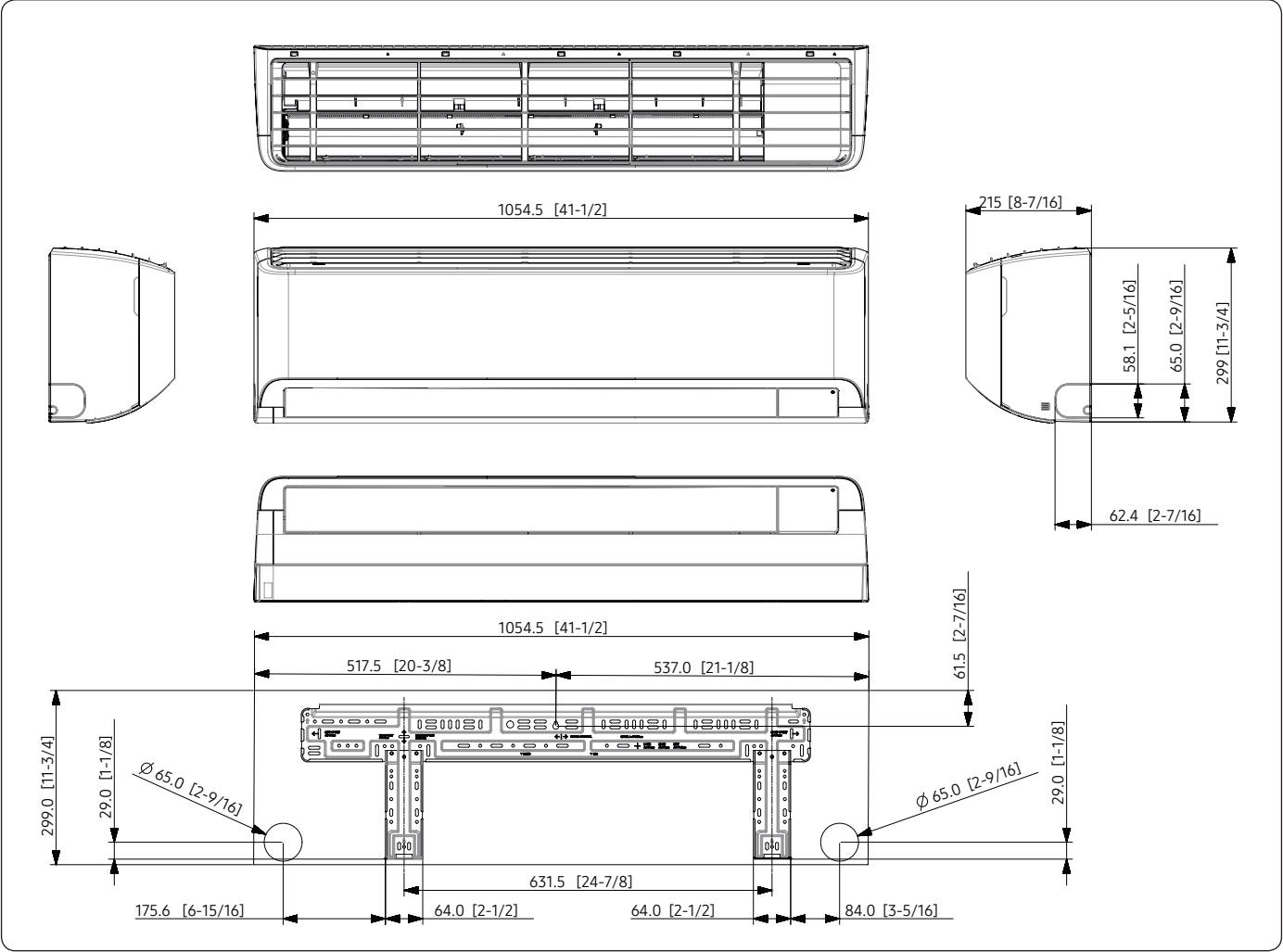


Dimensional Drawing

Wall-Mount

VWMC015S4-4P, VWMC018S4-4P, VWMC024S4-4P, VWMC028S4-4P

Unit: mm (inches)

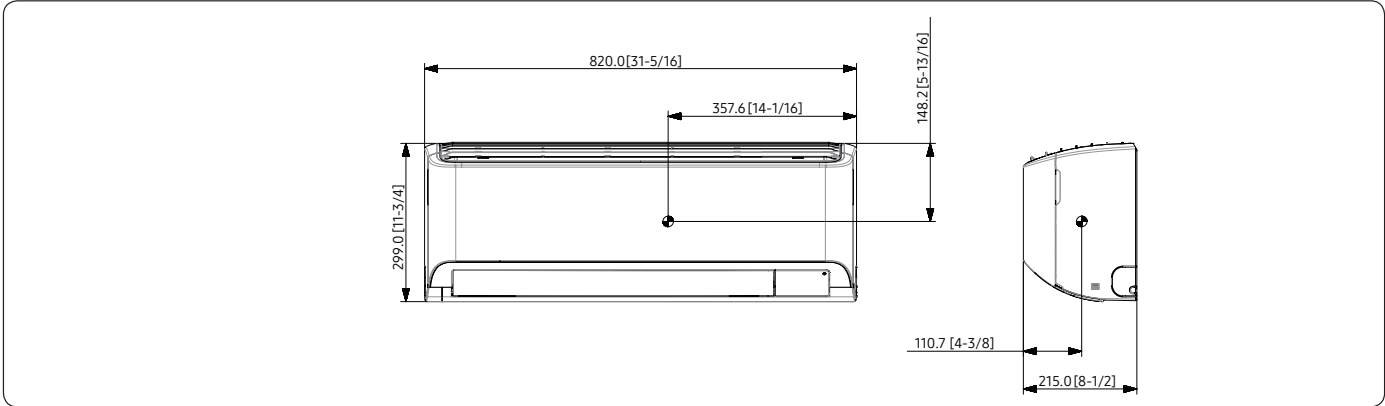


Center of Gravity

Wall-Mount

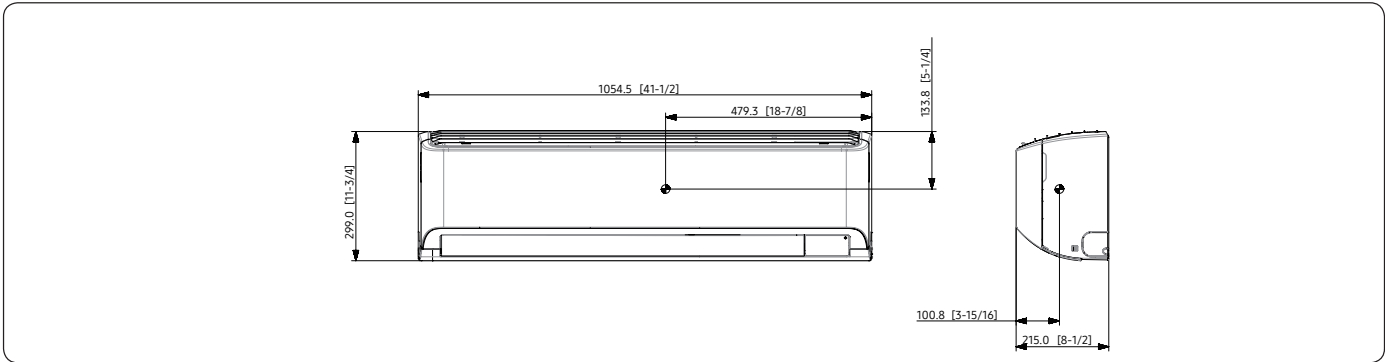
VWMC005S4-4P, VWMC007S4-4P, VWMC009S4-4P, VWMC012S4-4P

Unit: mm (inches)



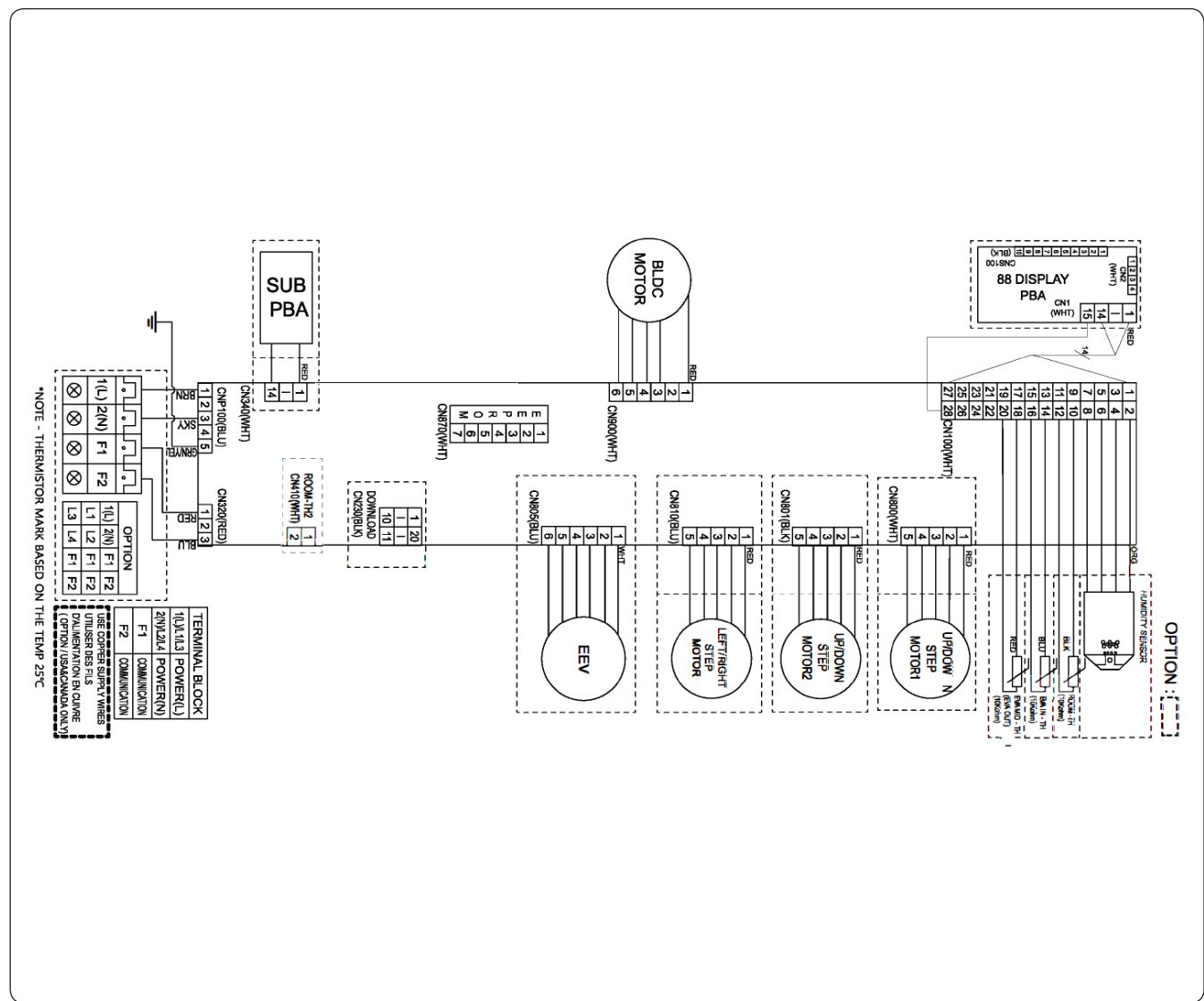
VWMC015S4-4P, VWMC018S4-4P, VWMC024S4-4P, VWMC028S4-4P

Unit: mm (inches)



Electrical Wiring Diagram

Wall-Mount



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

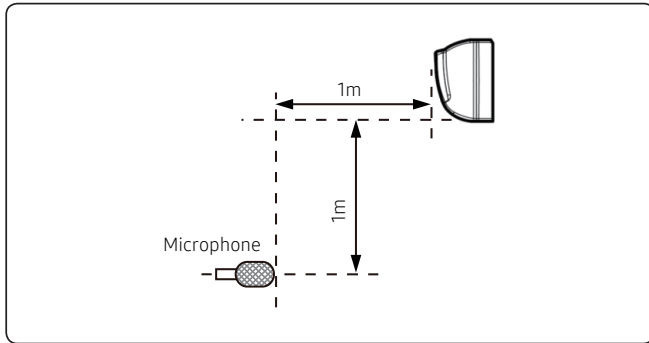
- This wiring diagram applies only to the Indoor unit.
- Symbols show as follow :
BLK: black, RED: red, BLU: blue, WHT: white, YEL: yellow, BRN: brown, sky: sky blue, GRN: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
-  Protective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

Sound Data

Wall-Mount

Sound Pressure level

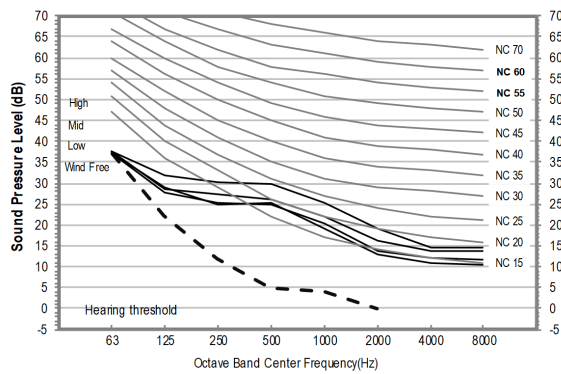
Unit: dB(A)



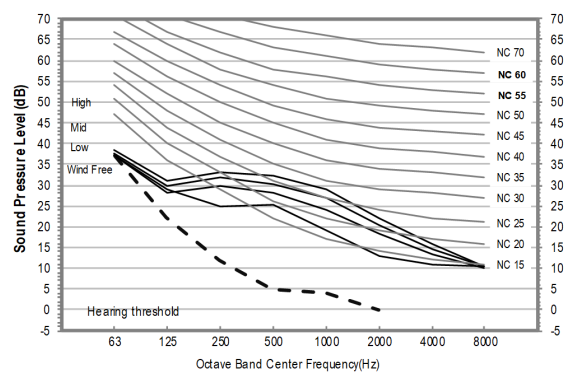
Model	High	Mid	Low	Wind-Free
VWMC005S4-4P	31	30	27	26
VWMC007S4-4P	34	32	30	27
VWMC009S4-4P	34	33	32	26
VWMC012S4-4P	40	36	34	26

• NC Curve

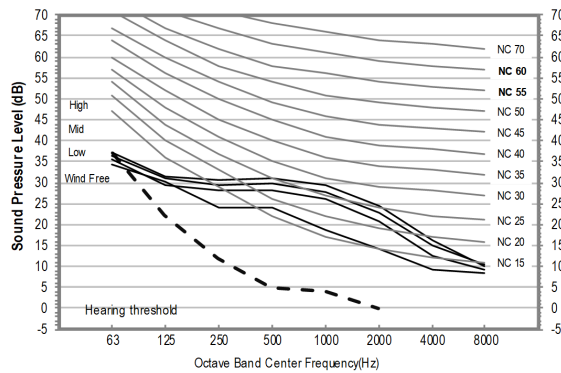
1) VWMC005S4-4P



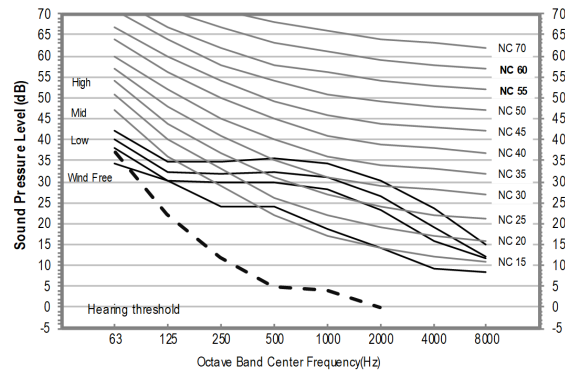
2) VWMC007S4-4P



3) VWMC009S4-4P



4) VWMC012S4-4P



NOTE

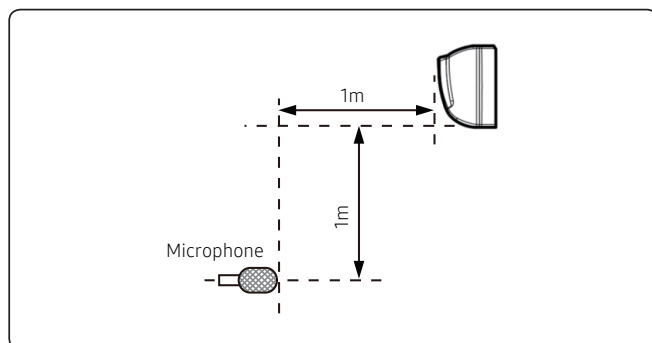
- Specifications may be subject to change without prior notice.
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted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

Sound Data

Wall-Mount

Sound Pressure level

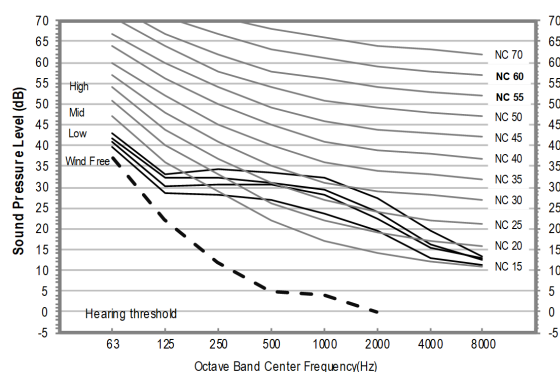
Unit: dB(A)



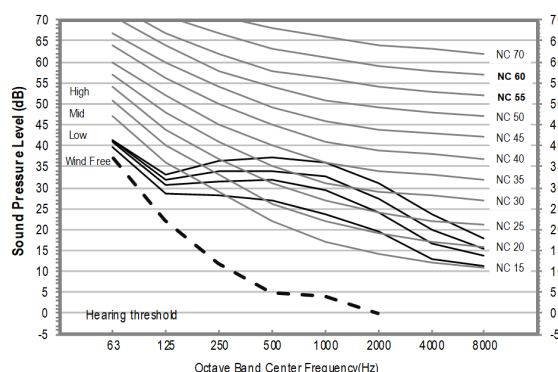
Model	High	Mid	Low	Wind-Free
VWMC015S4-4P	37	34	33	29
VWMC018S4-4P	40	37	34	29
VWMC024S4-4P	43	40	37	29
VWMC028S4-4P	46	45	43	30

• NC Curve

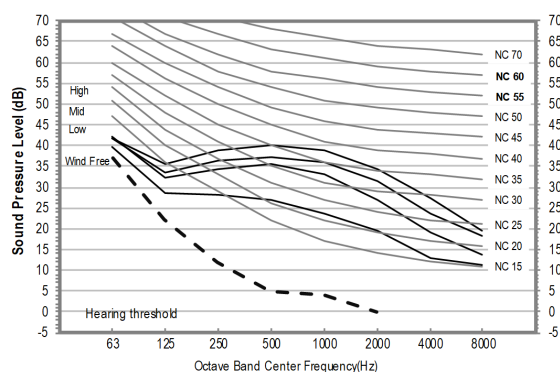
1) VWMC015S4-4P



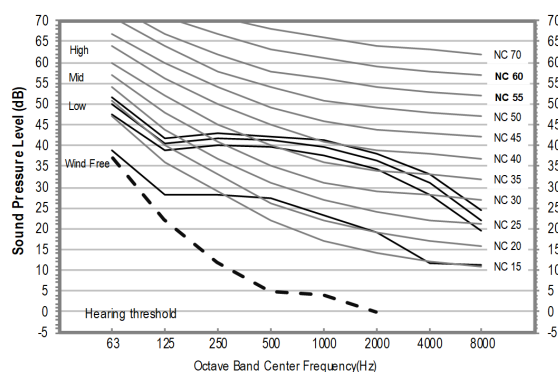
2) VWMC018S4-4P



3) VWMC024S4-4P



4) VWMC028S4-4P



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

Wall-Mount

Sound Power level

NOTE

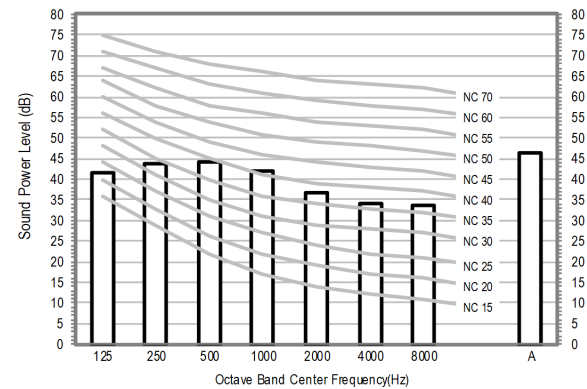
- Specifications may be subject to change without prior notice
 - Sound power level is an absolute value that a sound source generates.
 - dB(A) = A-weighted sound power level.
 - Reference power : 1pW.
 - Measured according to ISO 3741.

Unit: dB(A)

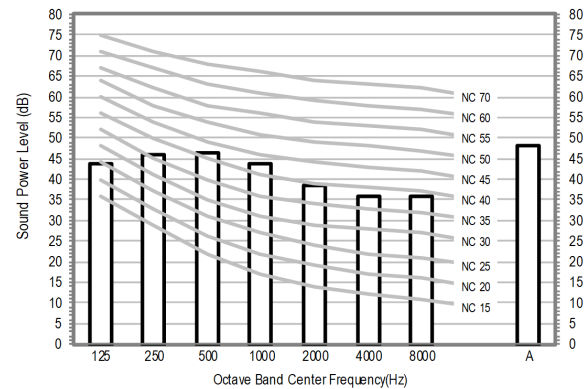
Model	Power
VWMC005S4-4P	50
VWMC007S4-4P	51
VWMC009S4-4P	52
VWMC012S4-4P	56

• NC Curve

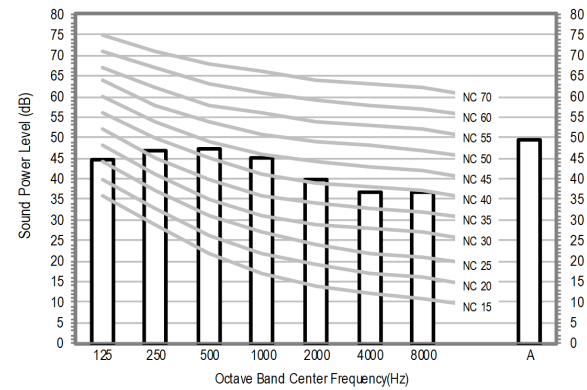
1) VWMC005S4-4P



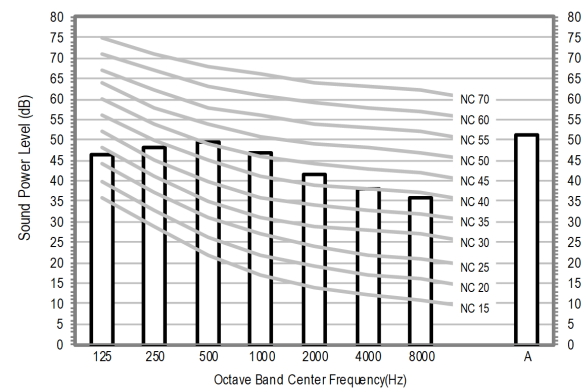
2) VWMC007S4-4P



3) VWMC009S4-4P



4) VWMC012S4-4P



Sound Data

Wall-Mount

Sound Power level

NOTE

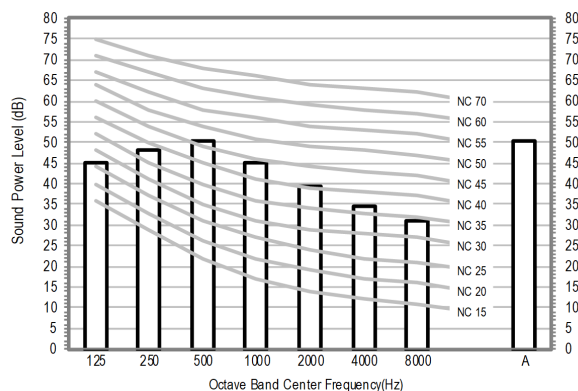
- Specifications may be subject to change without prior notice
 - Sound power level is an absolute value that a sound source generates.
 - dBA = A-weighted sound power level.
 - Reference power : 1pW.
 - Measured according to ISO 3741.

Unit: dB(A)

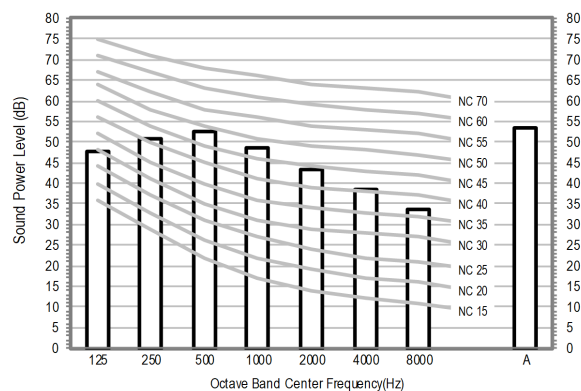
Model	Power
VWMC015S4-4P	55
VWMC018S4-4P	58
VWMC024S4-4P	62
VWMC028S4-4P	64

- NC Curve

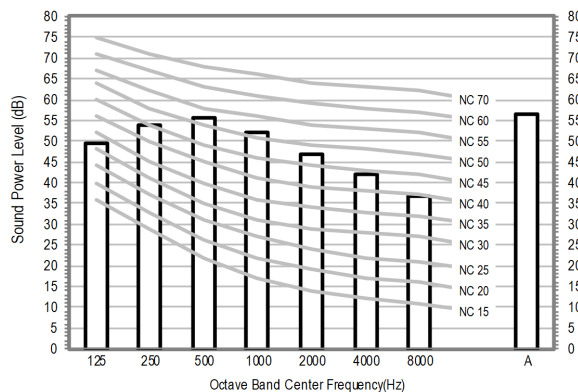
1) VWMC015S4-4P



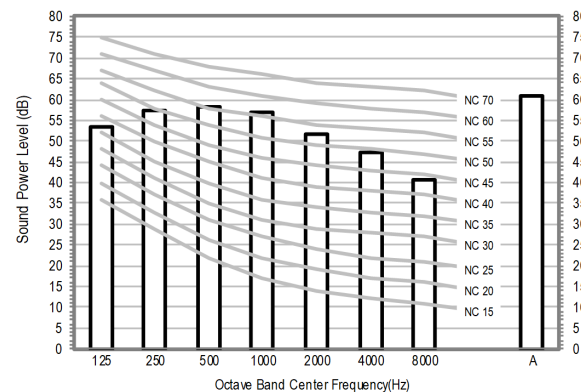
2) VWMC018S4-4P



3) VWMC024S4-4P



4) VWMC028S4-4P

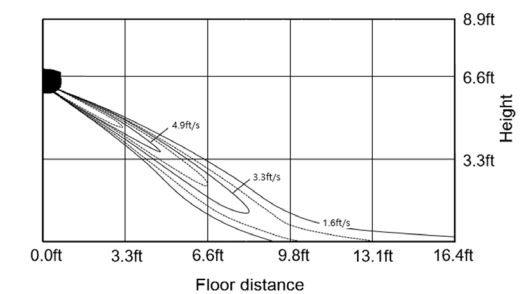


Temperature and air flow distribution

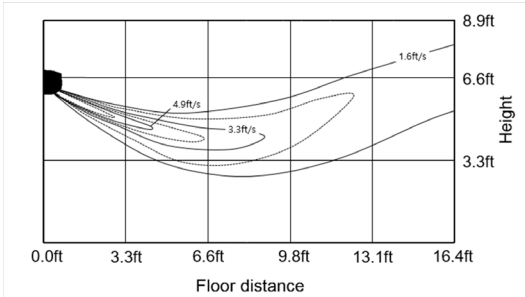
Wall-Mount

VWMC005S4-4P

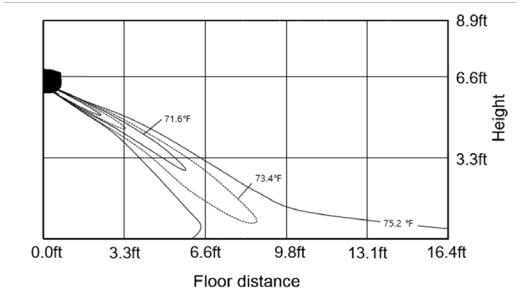
- Cooling air velocity distribution
(Discharge angle : 20 degree)



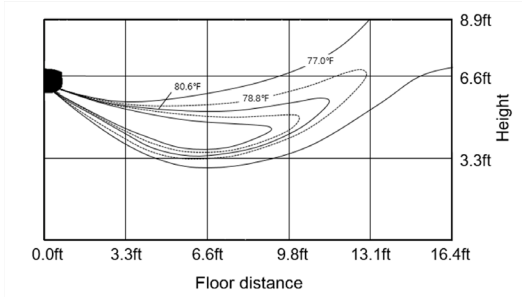
- Heating air velocity distribution
(Discharge angle : 30 degree)



- Cooling Temperature distribution
(Discharge angle : 20 degree)

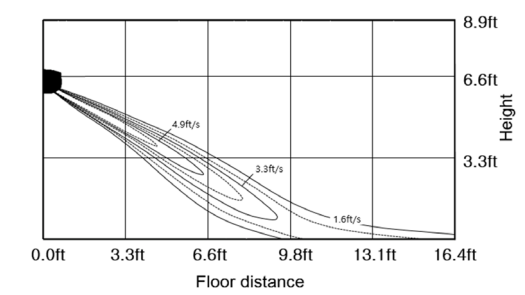


- Heating Temperature distribution
(Discharge angle : 30 degree)

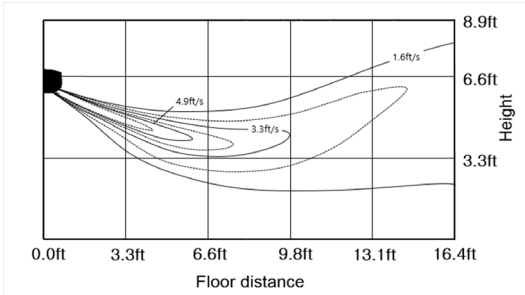


VWMC007S4-4P

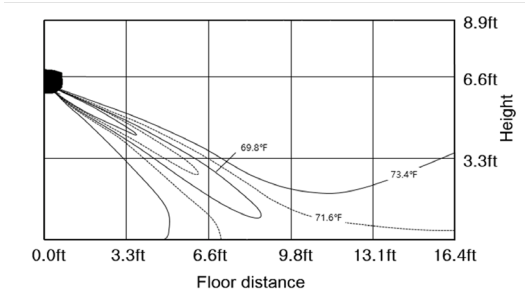
- Cooling air velocity distribution
(Discharge angle : 20 degree)



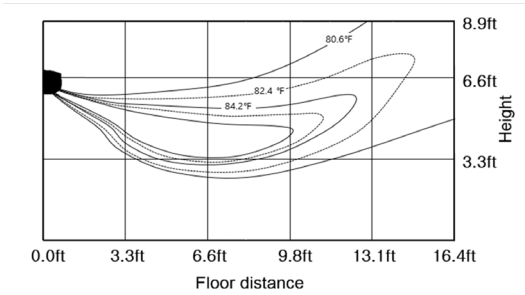
- Heating air velocity distribution
(Discharge angle : 30 degree)



- Cooling Temperature distribution
(Discharge angle : 20 degree)



- Heating Temperature distribution
(Discharge angle : 30 degree)



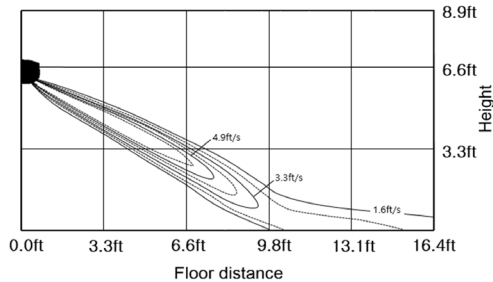
Temperature and air flow distribution

Wall-Mount

VWMC009S4-4P

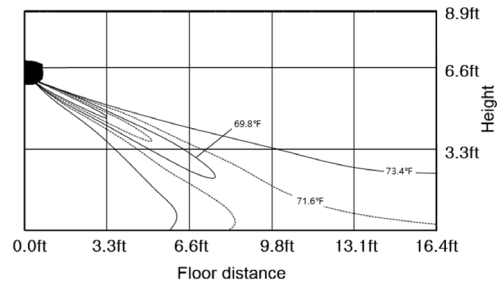
- Cooling air velocity distribution

(Discharge angle : 20 degree)



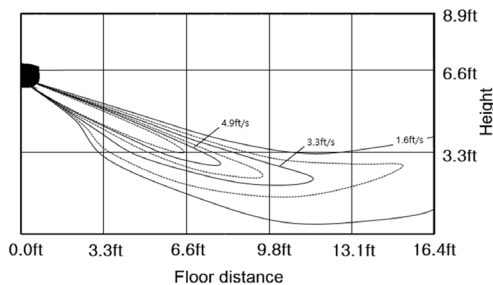
- Cooling Temperature distribution

(Discharge angle : 20 degree)



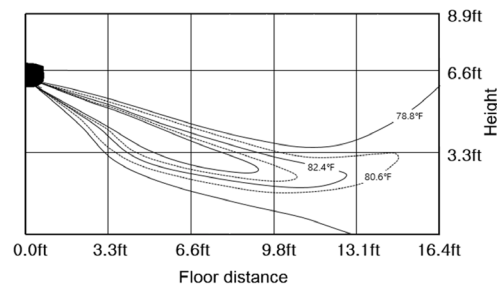
- Heating air velocity distribution

(Discharge angle : 30 degree)



- Heating Temperature distribution

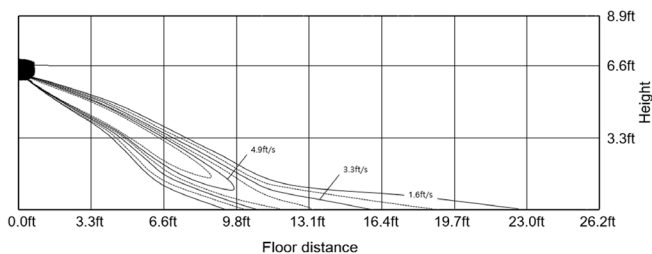
(Discharge angle : 30 degree)



VWMC012S4-4P

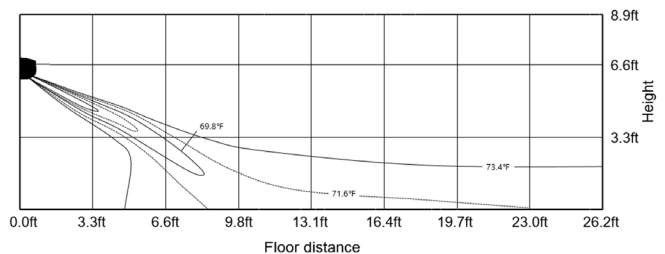
- Cooling air velocity distribution

(Discharge angle : 20 degree)



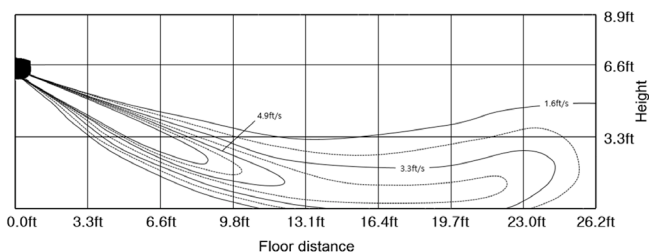
- Cooling Temperature distribution

(Discharge angle : 20 degree)



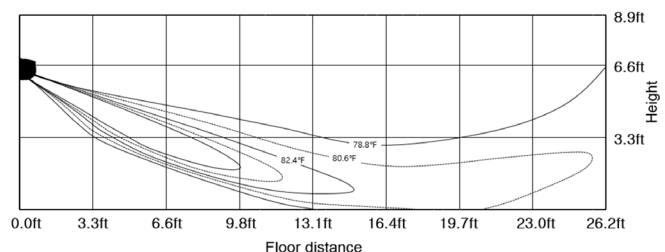
- Heating air velocity distribution

(Discharge angle : 30 degree)



- Heating Temperature distribution

(Discharge angle : 30 degree)

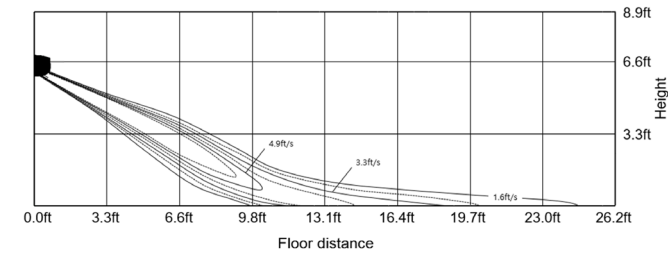


Temperature and air flow distribution

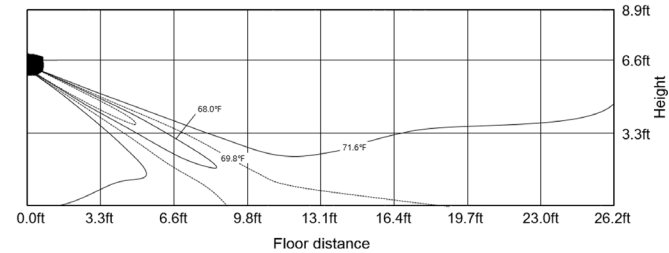
Wall-Mount

VWMC015S4-4P

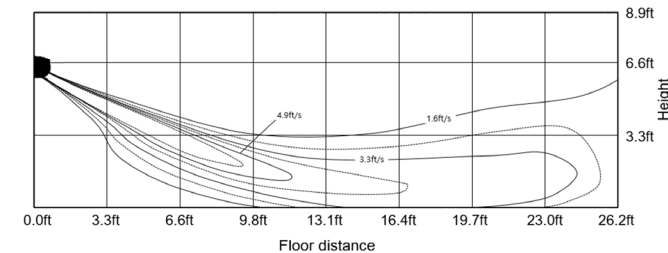
- Cooling air velocity distribution
(Discharge angle : 20 degree)



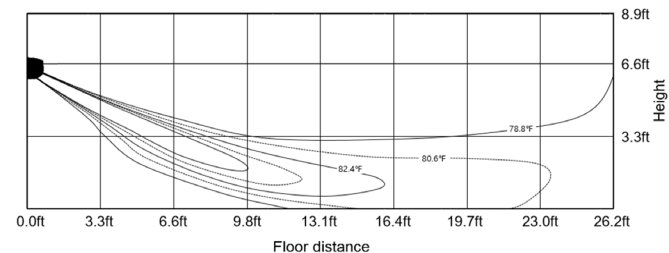
- Cooling Temperature distribution
(Discharge angle : 20 degree)



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

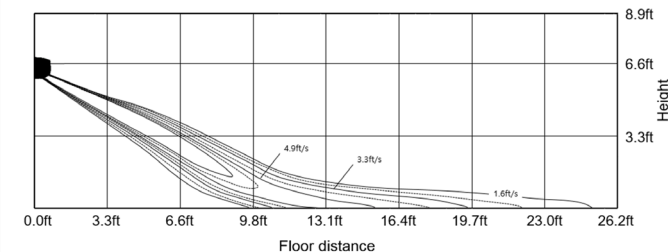


- Heating Temperature distribution
(Discharge angle : 30 degree)

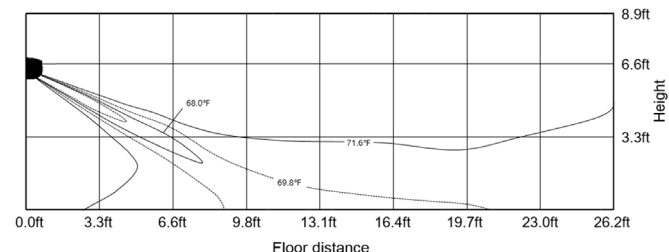


VWMC018S4-4P

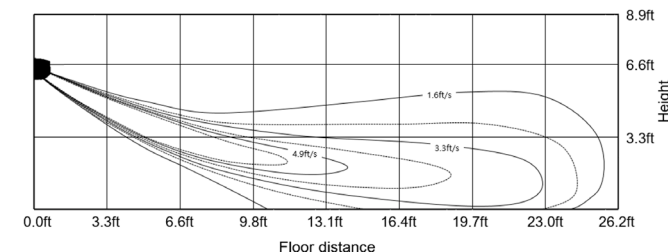
- Cooling air velocity distribution
(Discharge angle : 20 degree)



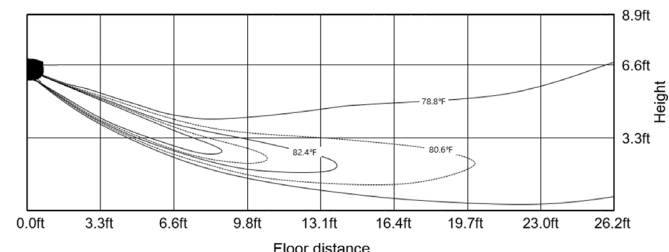
- Cooling Temperature distribution
(Discharge angle : 20 degree)



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



- Heating Temperature distribution
(Discharge angle : 30 degree)



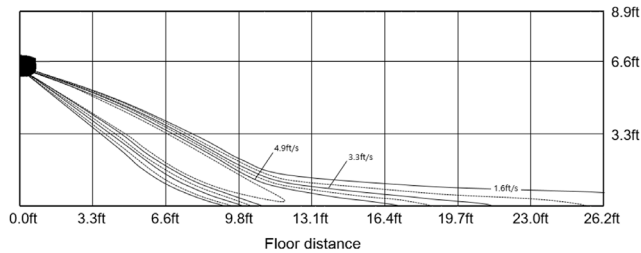
Temperature and air flow distribution

Wall-Mount

VWMC024S4-4P

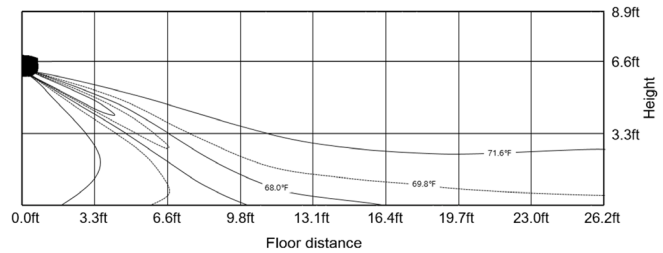
- Cooling air velocity distribution

(Discharge angle : 20 degree)



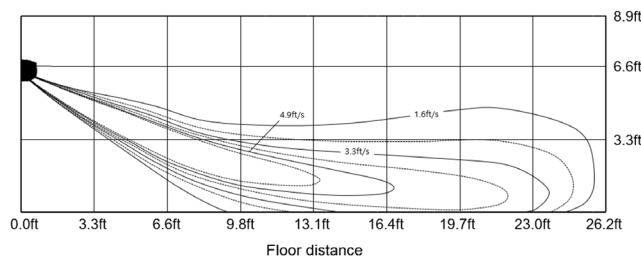
- Cooling Temperature distribution

(Discharge angle : 20 degree)



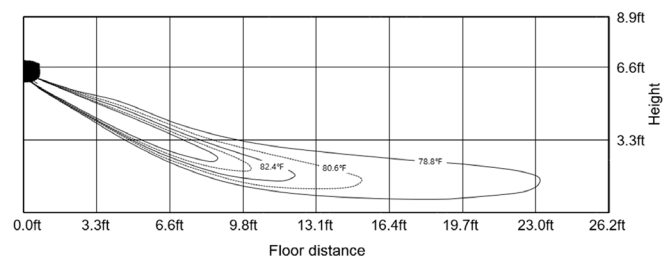
- Heating air velocity distribution

(Discharge angle : 30 degree)



- Heating Temperature distribution

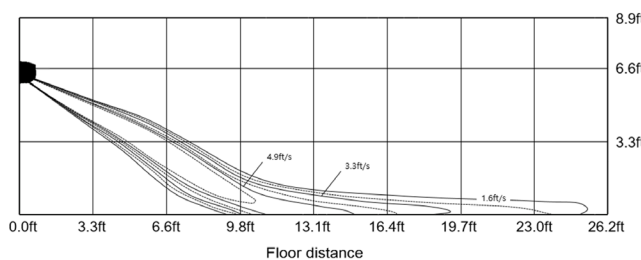
(Discharge angle : 30 degree)



VWMC028S4-4P

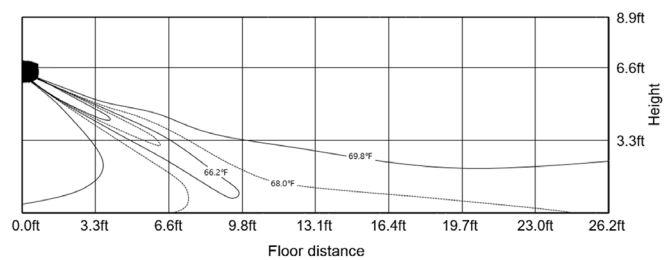
- Cooling air velocity distribution

(Discharge angle : 20 degree)



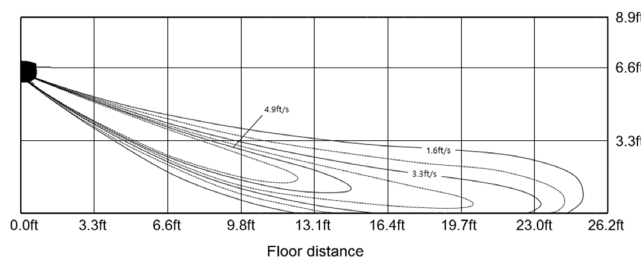
- Cooling Temperature distribution

(Discharge angle : 20 degree)



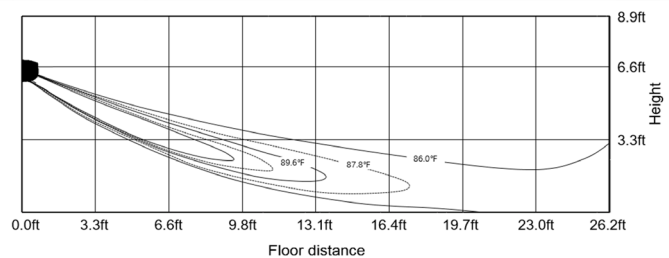
- Heating air velocity distribution

(Discharge angle : 30 degree)



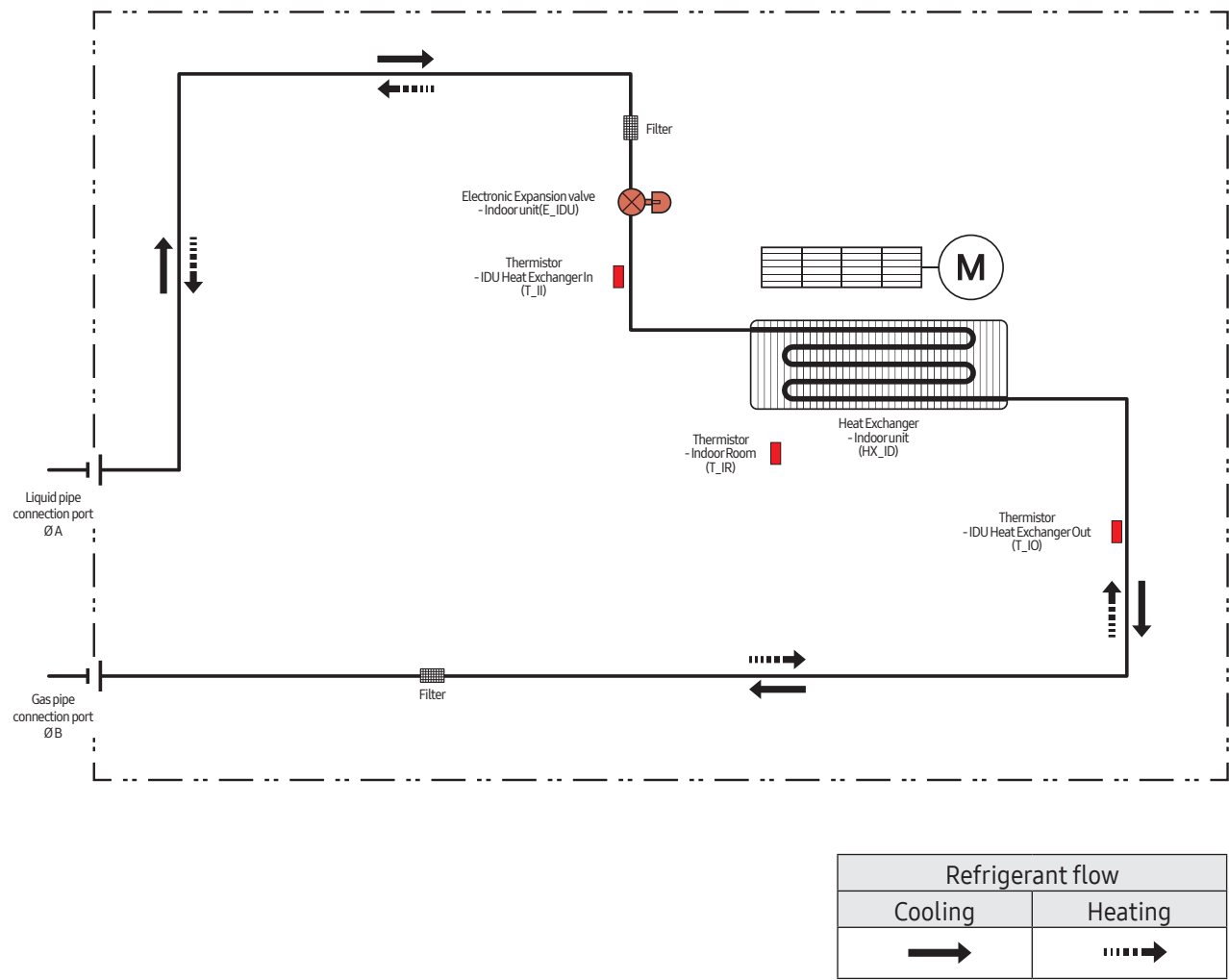
- Heating Temperature distribution

(Discharge angle : 30 degree)



Piping Diagram

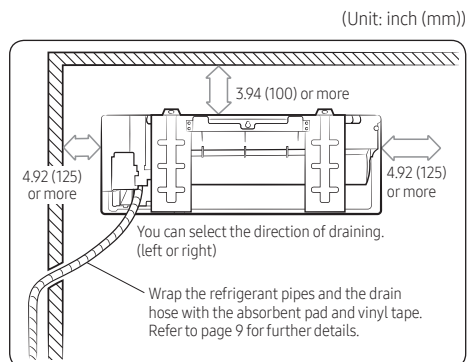
EEV included Model



Installation Clearances

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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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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