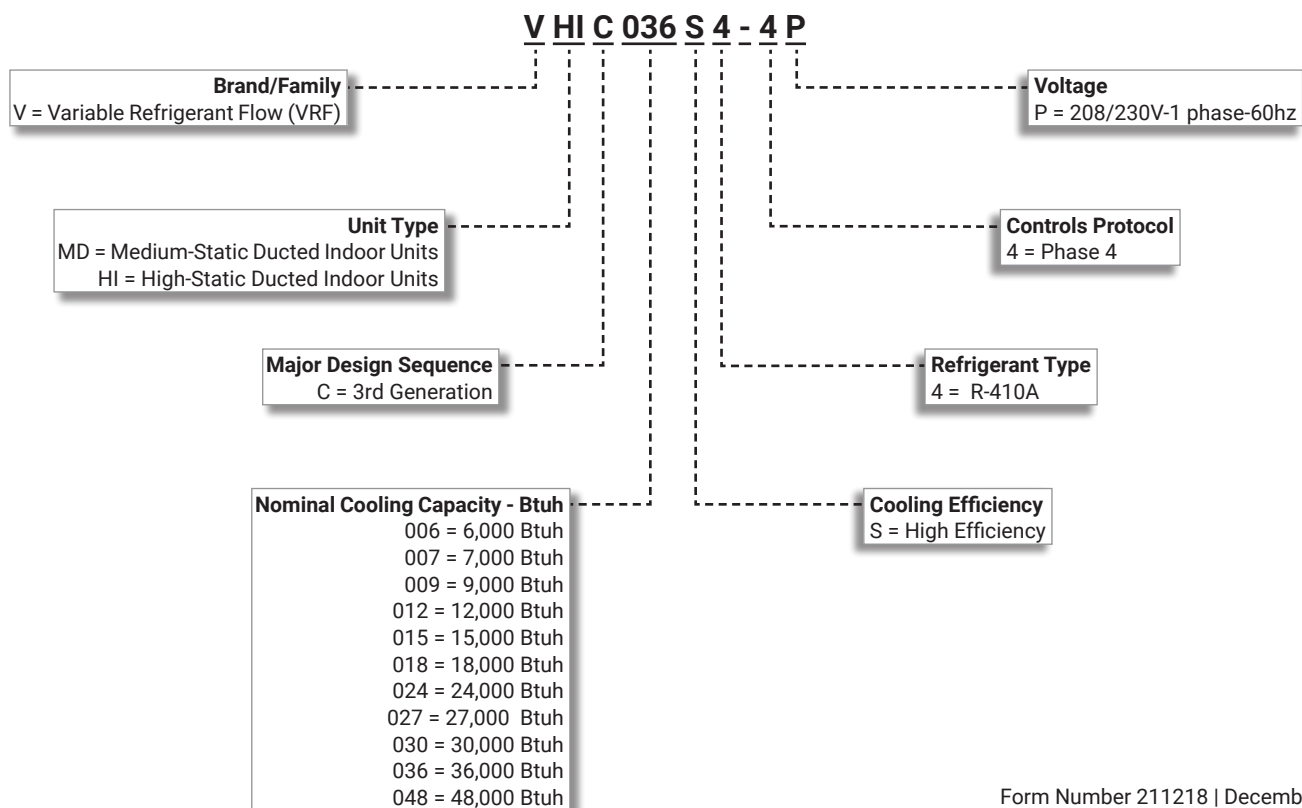


VMDC-VHICMedium/High-Static Concealed Ducted Indoor Units | **R-410A** | 60Hz

6,000 to 48,000 Btuh

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

CONTENTS

Blower Data 28

Capacity Table. 9

Center Of Gravity 20

Dimensions 17

Electrical Data 8

Electrical Wiring 21

Installation Clearances 51

Model Number Identification. 1

Performance Characteristics 7

Piping Diagram 50

Sound Power Level 25

Sound Pressure Level. 22

Specifications 3

Specifications

Medium Static Duct - VMDC

Model Name				VMDC006S4-4P	VMDC007S4-4P	VMDC009S4-4P	VMDC012S4-4P
Power Supply			Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Ton		Ton	0.53	0.58	0.75	1.00
	Capacity	Cooling	kW	1.85	2.20	2.78	3.52
			Btu/h	6,300	7,500	9,500	12,000
			US RT	0.53	0.58	0.75	1.00
		Heating	kW	2.08	2.49	3.08	3.96
			Btu/h	7,100	8,500	10,500	13,500
			US RT	0.59	0.64	0.78	1.01
Power	Power Input	Cooling	W	38	38	39	39
		Heating		38	38	39	39
	Current Input	Cooling	A	0.30	0.30	0.30	0.30
		Heating		0.30	0.30	0.30	0.30
	Current	MCA	A	0.91	0.91	0.91	0.91
		MOP		15	15	15	15
Heat exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al	Al
		Tube	-	Cu	Cu	Cu	Cu
	Fin Treatment		-	hydrophilic	hydrophilic	hydrophilic	hydrophilic
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Quantity		EA	2	2	2	2
	Air Flow Rate	H/M/L	m³/min	9 / 8 / 7	9 / 8 / 7	10 / 9 / 8	12 / 10 / 8.5
			ft³/min	318 / 283 / 247	318 / 283 / 247	353 / 318 / 283	424 / 353 / 300
			l/s	150 / 133 / 117	150 / 133 / 117	167 / 150 / 133	200 / 167 / 142
	External Pressure	Min/Std/Max	mmAq	0 / 1 / 15	0 / 1 / 15	0 / 1 / 15	0 / 1 / 15
			Pa	0.0 / 9.8 / 147.1	0.0 / 9.8 / 147.1	0.0 / 9.8 / 147.1	0.0 / 9.8 / 147.1
			In Wg	0.00 / 0.04 / 0.59	0.00 / 0.04 / 0.59	0.00 / 0.04 / 0.59	0.00 / 0.04 / 0.59
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC
	Output x n		W	153 x 1	153 x 1	153 x 1	153 x 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)
Wiring connections	Drain Pipe		Φ, inch	Nominal 3/4 (OD 1.05)	Nominal 3/4 (OD 1.05)	Nominal 3/4 (OD 1.05)	Nominal 3/4 (OD 1.05)
	Communication (Min.)		mm²	0.75	0.75	0.75	0.75
			-	F1, F2	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV	EEV
Sound Data	Sound Pressure Level	H/M/L	dB(A)	27/25/23	27/25/23	28/26/24	29/27/25
	Sound Power Level	Cooling		50	50	51	51
External Dimension	Net Weight		kg (lbs)	27.5 (60.6)	27.5 (60.6)	27.5 (60.6)	27.5 (60.6)
	Shipping Weight		kg (lbs)	31.0 (68.3)	31.0 (68.3)	31.0 (68.3)	31.0 (68.3)
	Net Dimensions (WxHxD)		mm	850 x 250 x 700	850 x 250 x 700	850 x 250 x 700	850 x 250 x 700
			inch	33-7/16 x 9-13/16 x 27-9/16	33-7/16 x 9-13/16 x 27-9/16	33-7/16 x 9-13/16 x 27-9/16	33-7/16 x 9-13/16 x 27-9/16
	Shipping Dimensions (WxHxD)		mm	1064 x 320 x 784	1064 x 320 x 784	1064 x 320 x 784	1064 x 320 x 784
			inch	41-7/8 x12-5/8 x 30-7/8	41-7/8 x12-5/8 x 30-7/8	41-7/8 x12-5/8 x 30-7/8	41-7/8 x12-5/8 x 30-7/8
Casing	Material		-	Steel	Steel	Steel	Steel
Additional Accessories	Drain Pump	External Model	-	-	-	-	-
		Internal Model	-	Built in	Built in	Built in	Built in
		Max. lifting Height / Displacement	in. / Gal./h	29.5 / 6.34	29.5 / 6.34	29.5 / 6.34	29.5 / 6.34
	Air Filter		-	-	-	-	-

Specifications

Medium/High Static Duct - VMDC/VHIC

Model Name				VMDC015S4-4P	VMDC018S4-4P	VHIC024S4-4P
Power Supply			Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HP / HR	HP / HR	HP / HR
Performance	Ton		Ton	1.25	1.50	2.00
	Capacity	Cooling	kW	4.40	5.28	7.03
			Btu/h	15,000	18,000	24,000
			US RT	1.25	1.50	2.00
		Heating	kW	4.98	5.86	7.91
			Btu/h	17,000	20,000	27,000
			US RT	1.27	1.67	2.02
Power	Power Input	Cooling	W	43	50	90
		Heating		43	50	90
	Current Input	Cooling	A	0.40	0.50	0.70
		Heating		0.40	0.50	0.70
	Current	MCA	A	1.29	2.14	2.41
		MOP		15	15	15
Heat exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	hydrophilic	hydrophilic	hydrophilic
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Quantity		EA	2	2	3
	Air Flow Rate	H/M/L	m³/min	14 / 11 / 10	19 / 16 / 13	23 / 19 / 14
			ft³/min	494 / 388 / 353	671 / 565 / 459	812 / 671 / 494
			l/s	233 / 183 / 167	317 / 267 / 217	383 / 317 / 233
	External Pressure	Min/Std/Max	mmAq	0 / 1 / 15	0 / 1 / 20	3 / 5.2 / 20
			Pa	0.0 / 9.8 / 147.1	0.0 / 9.8 / 196.1	29.4 / 51.0 / 196.1
			In Wg	0.00 / 0.04 / 0.59	0.00 / 0.04 / 0.79	0.12 / 0.20 / 0.79
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output x n		W	153 x 1	153 x 1	153 x 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)	12.7 (1/2)	12.7 (1/2)	15.88 (5/8)
Wiring connections	Communication (Min.)		mm²	0.75	0.75	0.75
			-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R410A	R410A	R410A
	Control Method		-	EEV	EEV	EEV
Sound Data	Sound Pressure Level	H/M/L	dB(A)	31/28/25	33/29/26	36/32/28
	Sound Power Level	Cooling		53	59	62
External Dimension	Net Weight		kg (lbs)	27.5 (60.6)	35.0 (77.2)	35.0 (77.2)
	Shipping Weight		kg (lbs)	31.0 (68.3)	39.5 (87.1)	39.5 (87.1)
	Net Dimensions (WxHxD)		mm	850 x 250 x 700	1200 x 250 x 700	1200 x 250 x 700
			inch	33-7/16 x 9-13/16 x 27-9/16	47-1/4 x 9-13/16 x 27-9/16	47-1/4 x 9-13/16 x 27-9/16
	Shipping Dimensions (WxHxD)		mm	1064 x 320 x 784	1429 x 320 x 779	1429 x 320 x 779
			inch	41-7/8 x12-5/8 x 30-7/8	56-1/4 x 12-5/8 x 30-11/16	56-1/4 x 12-5/8 x 30-11/16
Casing	Material		-	Steel	Steel	Steel
Additional Accessories	Drain Pump	External Model	-	-	-	-
		Internal Model	-	Built in	Built in	Built in
		Max. lifting Height / Displacement	in. / Gal./h	29.5 / 6.34	29.5 / 6.34	29.5 / 6.34
	Air Filter		-	-	-	-

Specification

High Static Duct - VHIC

Model Name				VHIC027S4-4P	VHIC030S4-4P	VHIC036S4-4P	VHIC048S4-4P
Power Supply			Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HP / HR	HP / HR	HP / HR	HP / HR
Performance	Ton		Ton	2.25	2.50	3.00	4.00
	Capacity	Cooling	kW	791	8.79	10.55	14.07
			Btu/h	27000	30,000	36,000	48,000
			US RT	2.25	2.50	3.00	4.00
		Heating	kW	8.79	9.96	11.72	15.83
			Btu/h	30,000	34,000	40,000	54,000
			US RT	2.50	2.54	3.33	4.03
Power	Power Input	Cooling	W	110	140	130	220
		Heating		110	140	130	220
	Current Input	Cooling	A	0.80	1.20	1.20	1.50
		Heating		0.80	1.20	1.20	1.50
	Current	MCA	A	2.69	2.95	3.11	3.40
		MOP		15	15	15	15
Heat exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al	Al
		Tube	-	Cu	Cu	Cu	Cu
	Fin Treatment		-	hydrophilic	hydrophilic	hydrophilic	hydrophilic
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Quantity		EA	3	3	3	3
	Air Flow Rate	H/M/L	m³/min	26 / 21 / 15	28 / 23 / 16.5	31 / 26 / 20	43 / 36 / 25
			ft³/min	918 / 742 / 530	989 / 812 / 583	1095 / 918 / 706	1519 / 1271 / 883
			l/s	433 / 350 / 250	467 / 383 / 275	517 / 433 / 333	717 / 600 / 417
	External Pressure	Min/Std/Max	mmAq	3 / 5.2 / 20	3 / 5.2 / 20	3 / 5.2 / 20	3 / 5.2 / 20
			Pa	29.4 / 51.0 / 196.1	29.4 / 51.0 / 196.1	29.4 / 51.0 / 196.1	29.4 / 51.0 / 196.1
			In Wg	0.12 / 0.20 / 0.79	0.12 / 0.20 / 0.79	0.12 / 0.20 / 0.79	0.12 / 0.20 / 0.79
Fan Motor	Type		-	BLDC	BLDC	BLDC	BLDC
	Output x n		W	153 x1	153 x1	350 x1	350 x1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
			Φ,mm (inch)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection	Flare connection
			Φ,mm (inch)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)	15.88 (5/8)
Wiring connections	Drain Pipe		Φ, inch	Nominal 3/4 (OD 1.05)	Nominal 3/4 (OD 1.05)	Nominal 3/4 (OD 1.05)	Nominal 3/4 (OD 1.05)
			mm²	0.75	0.75	0.75	0.75
Refrigerant	Communication (Min.)		-	F1, F2	F1, F2	F1, F2	F1, F2
	Type		-	R410A	R410A	R410A	R410A
Refrigerant	Control Method		-	EEV	EEV	EEV	EEV
	Sound Data	Sound Pressure Level	H/M/L	dB(A)	37/33/29	38/34/30	37/34/30
Sound Power Level		Cooling	63		64	62	66
External Dimension	Net Weight		kg (lbs)	35.0 (77.2)	35.0 (77.2)	44.5 (98.1)	44.5 (98.1)
	Shipping Weight		kg (lbs)	39.5 (87.1)	39.5 (87.1)	50.5 (111.3)	50.5 (111.3)
	Net Dimensions (WxHxD)		mm	1200 x 250 x 700	1200 x 250 x 700	1300 x 300 x 700	1300 x 300 x 700
			inch	47-1/4 x 9-13/16 x 27-9/16	47-1/4 x 9-13/16 x 27-9/16	51-3/16 x 11-13/16 x 27-9/16	51-3/16 x 11-13/16 x 27-9/16
	Shipping Dimensions (WxHxD)		mm	1429 x 320 x 779	1429 x 320 x 779	1529 x 370 x 779	1529 x 370 x 779
			inch	56-1/4 x 12-5/8 x 30-11/16	56-1/4 x 12-5/8 x 30-11/16	60-3/16 x 14-9/16 x 30-11/16	60-3/16 x 14-9/16 x 30-11/16
Casing	Material		-	Steel	Steel	Steel	Steel
Additional Accessories	Drain Pump	External Model	-	-	-	-	-
		Internal Model	-	Built in	Built in	Built in	Built in
		Max. lifting Height / Displacement	in. / Gal./h	29.5 / 6.34	29.5 / 6.34	29.5 / 6.34	29.5 / 6.34
	Air Filter		-	-	-	-	-

Specification

Medium/High Static Duct

NOTE

- Specification may be subject to change without prior notice.
- 1) Mode : HP(Heat Pump), HR(Heat Recovery)
- 2) Capacities are based on (Equivalent refrigerant piping 25ft, Level differences 0ft);
 - Cooling : Indoor temperature 80°F DB, 67°F WB / Outdoor temperature 95°F DB, 75°F WB
 - Heating : Indoor temperature 70°F DB, 60°F WB / Outdoor temperature 47°F DB, 43°F WB
- 3) Sound pressure level is a relative value, depending on the distance and acoustic environment.
Sound values are obtained in an anechoic room.
- 4) Select wire size based on the value of MCA.

Summary Table

Medium/High Static Duct

Performance Characteristics

Model Code	Fan Speed	Nominal Capacity [MBH]			Airflow [CFM]	Sound Pressure [dBA]	Sound Power [dBA]	Static Pressure (Min/Std/Max) [inAq]
		Cooling	Sensible	Heating				
VMDC006S4-4P	High	6.3	4.6	7.1	318	27	50	0.00/0.04/0.59
	Mid	5.7	4.2	6.7	283	25	-	
	Low	5.0	3.7	6.3	247	23	-	
VMDC007S4-4P	High	7.5	5.8	8.5	318	27	50	0.00/0.04/0.59
	Mid	6.8	5.3	8.0	283	25	-	
	Low	6.0	4.6	7.5	247	23	-	
VMDC009S4-4P	High	9.5	7.4	10.5	353	28	51	0.00/0.04/0.59
	Mid	8.7	6.8	10.0	318	26	-	
	Low	7.8	6.1	9.4	283	24	-	
VMDC012S4-4P	High	12.0	9.1	13.5	424	29	51	0.00/0.04/0.59
	Mid	10.2	7.7	12.3	353	27	-	
	Low	8.8	6.7	11.4	300	25	-	
VMDC015S4-4P	High	15.0	11.4	17.0	494	31	53	0.00/0.04/0.59
	Mid	12.1	9.2	15.1	388	28	-	
	Low	11.1	8.4	14.4	353	25	-	
VMDC018S4-4P	High	18.0	13.8	20.2	671	33	59	0.00/0.04/0.79
	Mid	15.5	11.9	18.4	565	29	-	
	Low	12.7	9.7	16.5	459	26	-	
VHIC024S4-4P	High	24.0	18.3	27.0	812	36	62	0.12/0.20/0.79
	Mid	20.3	15.5	24.5	671	32	-	
	Low	15.0	11.4	21.1	494	28	-	
VHIC027S4-4P	High	27.0	20.7	30.0	918	37	63	0.12/0.20/0.79
	Mid	22.4	17.2	27.0	742	33	-	
	Low	16.0	12.3	22.8	530	29	-	
VHIC030S4-4P	High	30.0	23.0	34.0	989	38	64	0.12/0.20/0.79
	Mid	25.2	19.3	30.8	812	34	-	
	Low	18.2	14.0	26.1	583	30	-	
VHIC036S4-4P	High	36.0	27.5	40.0	1095	37	62	0.12/0.20/0.79
	Mid	30.8	23.5	36.6	918	34	-	
	Low	23.9	18.3	32.1	706	30	-	
VHIC048S4-4P	High	48.0	36.7	54.0	1519	42	66	0.12/0.20/0.79
	Mid	41.0	31.3	49.4	1271	38	-	
	Low	28.6	21.9	41.2	883	34	-	

NOTE

- Sound data is based on cooling operation

Summary Table

Medium/High Static Duct

Electrical Characteristics

Model Code	Power Supply (Φ, #, V, Hz)	Power Input (W)	Current Input (A)	MCA (A)	MOP (A)	FLA (A)
VMDC006S4-4P	1,2,208-230,60	38	0.3	0.91	15	0.73
VMDC007S4-4P	1,2,208-230,60	38	0.3	0.91	15	0.73
VMDC009S4-4P	1,2,208-230,60	39	0.3	0.91	15	0.73
VMDC012S4-4P	1,2,208-230,60	39	0.3	0.91	15	0.73
VMDC015S4-4P	1,2,208-230,60	43	0.4	1.29	15	1.03
VMDC018S4-4P	1,2,208-230,60	50	0.5	2.14	15	1.71
VHIC024S4-4P	1,2,208-230,60	90	0.7	2.41	15	1.93
VHIC027S4-4P	1,2,208-230,60	110	0.8	2.69	15	2.15
VHIC030S4-4P	1,2,208-230,60	140	1.2	2.95	15	2.36
VHIC036S4-4P	1,2,208-230,60	130	1.2	3.11	15	2.49
VHIC048S4-4P	1,2,208-230,60	220	1.5	3.4	15	2.72

NOTE

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

Capacity Table

Medium Static Duct - VMDC

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(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)
006	50	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.1	4.8	7.3	4.7	7.5	4.4
	54	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.1	4.8	7.3	4.7	7.5	4.4
	58	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.8	7.3	4.7	7.5	4.4
	60	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.7	7.3	4.6	7.5	4.3
	64	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.6	7.2	4.5	7.5	4.3
	67	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.6	7.2	4.5	7.5	4.3
	70	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.6	7.2	4.5	7.5	4.3
	73	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.6	7.2	4.5	7.5	4.3
	77	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.6	7.2	4.5	7.5	4.3
	80	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.6	7.2	4.5	7.5	4.3
	84	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.6	7.2	4.5	7.5	4.3
	88	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.6	7.2	4.5	7.5	4.3
	92	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.6	7.2	4.5	7.5	4.3
	95	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.6	7.2	4.5	7.5	4.3
	99	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.6	7.2	4.5	7.4	4.3
	103	4.5	3.5	5.2	4.1	6.1	4.6	6.3	4.6	7.0	4.6	7.1	4.5	7.2	4.2
007	50	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.6	6.2	8.9	5.5
	54	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.6	6.2	8.9	5.5
	58	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.6	6.2	8.9	5.5
	60	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.9	5.5
	64	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.9	5.5
	67	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.9	5.5
	70	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.9	5.5
	73	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.9	5.5
	77	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.9	5.5
	80	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.9	5.5
	84	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.9	5.5
	88	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.9	5.5
	92	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.9	5.5
	95	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.9	5.5
	99	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.9	5.5
	103	5.2	4.4	6.2	5.1	7.2	5.8	7.5	5.8	7.9	5.8	8.2	5.8	8.6	5.1
009	50	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.6	7.4
	54	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	58	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	60	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	64	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	67	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	70	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	73	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	77	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	80	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	84	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	88	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	92	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	95	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	99	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.6	7.4	11.2	7.1
	103	6.5	6.0	7.9	6.7	8.9	7.1	9.5	7.4	9.9	7.4	10.2	7.1	10.9	6.7

Capacity Table

Medium Static Duct - VMDC

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(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)
012	50	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.4	8.8
	54	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.4	8.8
	58	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.4	8.8
	60	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.4	8.8
	64	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.0	8.4
	67	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.0	8.4
	70	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.0	8.4
	73	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.0	8.4
	77	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.0	8.4
	80	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.0	8.4
	84	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.0	8.4
	88	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.0	8.4
	92	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.0	8.4
	95	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.4	9.1	14.0	8.4
	99	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.0	8.8	14.0	8.4
015	103	8.4	7.0	9.7	8.1	11.4	8.8	12.0	9.1	12.4	9.1	13.0	8.8	13.7	8.1
	50	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	18.0	11.8
	54	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	18.0	11.8
	58	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	18.0	11.8
	60	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	17.7	10.7
	64	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	17.7	10.7
	67	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	17.7	10.7
	70	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	17.7	10.7
	73	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	17.7	10.7
	77	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	17.7	10.7
	80	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	17.7	10.7
	84	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	17.7	10.7
	88	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	17.7	10.7
	92	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	17.7	10.7
	95	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.7	11.4	16.7	11.4	17.7	10.7
018	99	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.4	11.1	16.4	11.1	17.4	10.7
	103	10.4	9.3	12.4	10.7	14.0	11.1	15.0	11.4	15.4	11.1	16.4	11.1	17.0	10.4
	50	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	20.1	14.2	21.0	14.1	21.7	13.9
	54	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	20.1	14.1	20.9	14.1	21.7	13.9
	58	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.9	14.0	20.8	13.9	21.6	13.8
	60	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.9	14.0	20.7	13.8	21.5	13.5
	64	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.9	14.0	20.7	13.8	21.4	13.3
	67	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.9	14.0	20.7	13.8	21.4	13.3
	70	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.9	14.0	20.7	13.8	21.4	13.3
	73	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.9	14.0	20.7	13.8	21.4	13.3
	77	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.9	14.0	20.7	13.8	21.4	13.3
	80	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.9	14.0	20.7	13.8	21.4	13.3
	84	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.9	14.0	20.7	13.8	21.4	13.3
	88	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.9	14.0	20.7	13.8	21.4	13.3
	92	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.9	14.0	20.7	13.8	21.4	13.3
	95	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.9	14.0	20.7	13.8	21.4	13.3
	99	12.7	11.0	14.9	12.6	17.4	13.4	18.0	13.8	19.6	13.7	20.3	13.4	21.0	13.0
	103	12.7	11.0	14.9	12.6	17.3	13.4	18.0	13.8	19.6	13.7	20.2	13.3	20.7	12.7

Capacity Table

High Static Duct - VHIC

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(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)
024	50	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	27.1	19.4	28.8	18.3
	54	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.8	18.3
	58	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.8	18.3
	60	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.4	18.0
	64	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.4	18.0
	67	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.4	18.0
	70	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.4	18.0
	73	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.4	18.0
	77	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.4	18.0
	80	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.4	18.0
	84	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.4	18.0
	88	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.4	18.0
	92	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.4	18.0
	95	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	25.1	19.0	26.8	19.0	28.4	18.0
	99	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	24.7	18.7	26.4	18.7	27.8	17.7
	103	16.6	14.6	19.7	17.0	22.7	17.7	24.0	18.3	24.7	18.7	26.1	18.3	27.4	17.3
027	50	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.5	21.9	32.4	20.7
	54	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.4	20.7
	58	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.4	20.7
	60	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.0	20.4
	64	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.0	20.4
	67	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.0	20.4
	70	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.0	20.4
	73	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.0	20.4
	77	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.0	20.4
	80	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.0	20.4
	84	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.0	20.4
	88	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.0	20.4
	92	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.0	20.4
	95	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	28.2	21.5	30.1	21.5	32.0	20.4
	99	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	27.8	21.1	29.7	21.1	31.2	20.0
	103	18.7	16.5	22.1	19.2	25.5	20.0	27.0	20.7	27.8	21.1	29.3	20.7	30.9	19.6
030	50	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.4	23.7	33.7	23.7	36.0	23.7
	54	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.4	23.7	33.7	23.7	36.0	23.7
	58	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.4	23.4	35.7	23.0
	60	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.4	23.4	35.7	23.0
	64	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.4	23.4	35.4	22.7
	67	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.4	23.4	35.4	22.7
	70	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.4	23.4	35.4	22.7
	73	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.4	23.4	35.4	22.7
	77	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.4	23.4	35.4	22.7
	80	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.4	23.4	35.4	22.7
	84	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.4	23.4	35.4	22.7
	88	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.4	23.4	35.4	22.7
	92	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.4	23.4	35.4	22.7
	95	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.4	23.4	35.4	22.7
	99	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	31.0	23.4	33.0	23.0	34.7	22.4
	103	20.7	18.4	24.4	21.0	28.0	22.4	30.0	23.0	30.7	23.0	32.4	22.7	34.0	22.0

Capacity Table

High Static Duct - VHIC

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(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)	TC(MBH)	SHC(MBH)
036	50	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	40.2	28.5	43.1	27.5
	54	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	40.2	28.5	43.1	27.5
	58	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	40.2	28.5	43.1	27.5
	60	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	40.2	28.5	42.8	27.2
	64	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	40.2	28.5	42.8	27.2
	67	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	39.9	28.2	42.5	27.2
	70	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	39.9	28.2	42.5	27.2
	73	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	39.9	28.2	42.5	27.2
	77	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	39.9	28.2	42.5	27.2
	80	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	39.9	28.2	42.5	27.2
	84	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	39.9	28.2	42.5	27.2
	88	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	39.9	28.2	42.5	27.2
	92	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	39.9	28.2	42.5	27.2
	95	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	39.9	27.9	42.5	27.2
	99	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	39.9	28.5	42.5	27.2
	103	24.8	21.8	29.3	24.7	33.8	26.3	36.0	27.5	37.3	28.2	39.6	28.2	41.8	26.9
048	50	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	50.1	37.1	53.9	37.4	57.6	37.1
	54	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.5	37.1	57.3	36.7
	58	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.5	37.1	57.3	36.7
	60	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.5	37.1	57.0	36.4
	64	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.2	36.7	57.0	36.4
	67	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.2	36.7	56.6	36.1
	70	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.2	36.7	56.6	36.1
	73	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.2	36.7	56.6	36.1
	77	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.2	36.7	56.6	36.1
	80	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.2	36.7	56.6	36.1
	84	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.2	36.7	56.6	36.1
	88	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.2	36.7	56.6	36.1
	92	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.2	36.7	56.6	36.1
	95	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	53.2	36.7	56.6	36.1
	99	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.8	36.7	52.8	36.4	55.9	35.7
	103	33.3	29.2	39.1	33.0	45.0	35.7	48.0	36.7	49.4	36.4	51.8	35.7	54.6	35.0

NOTE

- Capacity table may be subject to change without prior notice.
- Capacities are based on (Equivalent refrigerant piping 25ft, Level differences 0ft);
 - Cooling : Indoor temperature 80°F DB, 67°F WB / Outdoor temperature 95°F DB, 75°F WB
 - Heating : Indoor temperature 70°F DB, 60°F WB / Outdoor temperature 47°F DB, 43°F WB

Capacity Table

Medium Static Duct - VMDC

Heating

TC : Total Capacity

Capacity Index	Outdoor Temperature (°F)		Indoor temperature (°F, DB)				
			61	65	70	72	75
	DB	WB	TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)
006	-3.6	-4.0	4.6	4.5	4.4	4.4	4.4
	-1.8	-2.2	4.7	4.6	4.4	4.4	4.4
	2	1	4.8	4.7	4.5	4.5	4.5
	6	5	5.0	4.9	4.7	4.6	4.5
	10	9	5.1	5.0	4.9	4.9	4.8
	13	12	5.4	5.3	5.1	5.1	5.1
	17	15	5.6	5.5	5.4	5.3	5.3
	19	18	5.8	5.6	5.6	5.5	5.3
	23	21	6.0	5.9	5.8	5.7	5.5
	26	24	6.3	6.1	6.0	5.9	5.7
	30	28	6.5	6.4	6.2	6.1	5.9
	35	32	6.8	6.7	6.4	6.3	6.0
	39	36	7.0	7.0	6.7	6.5	6.3
	44	40	7.3	7.2	6.9	6.7	6.3
	47	43	7.6	7.5	7.1	6.8	6.3
	51	47	7.9	7.7	7.1	6.8	6.3
	54	50	8.1	7.7	7.1	6.8	6.3
	57	53	8.3	7.8	7.1	6.8	6.3
	60	56	8.5	7.9	7.1	6.8	6.3
007	-3.6	-4	5.2	5.2	5.2	5.2	5.2
	-1.8	-2	5.3	5.3	5.3	5.3	5.3
	2	1	5.5	5.5	5.5	5.5	5.5
	6	5	5.9	5.6	5.6	5.6	5.5
	10	9	6.1	6.0	6.0	6.0	5.8
	13	12	6.7	6.7	6.4	6.4	6.3
	17	15	7.0	7.0	6.7	6.6	6.6
	19	18	7.4	7.2	7.0	6.7	6.7
	23	21	7.9	7.5	7.5	6.8	6.8
	26	24	8.2	7.9	7.9	7.5	7.5
	30	28	8.5	8.5	8.2	7.9	7.5
	35	32	8.9	8.5	8.5	7.9	7.5
	39	36	9.2	8.9	8.5	7.9	7.5
	44	40	9.6	9.2	8.5	7.9	7.5
	47	43	9.6	9.2	8.5	7.9	7.5
	51	47	10.2	9.2	8.5	7.9	7.5
	54	50	10.2	9.2	8.5	7.9	7.5
	57	53	10.2	9.2	8.5	7.9	7.5
	60	56	10.2	9.2	8.5	7.9	7.5
009	-3.6	-4	6.3	6.3	6.3	6.3	6.3
	-1.8	-2	6.4	6.4	6.4	6.4	6.3
	2	1	6.7	6.7	6.6	6.6	6.3
	6	5	7.0	7.0	6.7	6.6	6.3
	10	9	7.2	7.2	7.1	6.9	6.8
	13	12	7.5	7.5	7.5	7.4	7.2
	17	15	7.7	7.7	7.7	7.7	7.3
	19	18	7.9	7.8	7.8	7.8	7.4
	23	21	8.3	7.9	7.9	7.9	7.6
	26	24	8.6	8.6	8.3	8.3	7.9
	30	28	9.2	8.9	8.9	8.6	8.3
	35	32	9.6	9.2	9.2	8.9	8.6
	39	36	9.9	9.9	9.6	9.2	8.9
	44	40	10.5	10.2	10.2	9.6	8.9
	47	43	10.9	10.5	10.5	9.9	8.9
	51	47	11.2	10.9	10.5	9.9	8.9
	54	50	11.5	10.9	10.5	9.9	8.9
	57	53	11.9	11.2	10.5	9.9	8.9
	60	56	12.2	11.2	10.5	9.9	8.9

Capacity Table

Medium Static Duct - VMDC

Heating

TC : Total Capacity

Capacity Index	Outdoor Temperature (°F)		Indoor temperature (°F, DB)				
			61	65	70	72	75
	DB	WB	TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)
012	-3.6	-4	8.2	8.2	7.8	7.8	7.8
	-1.8	-2	8.4	8.3	7.9	7.9	7.8
	2	1	8.9	8.5	8.2	8.2	7.9
	6	5	9.2	8.9	8.6	8.5	8.2
	10	9	9.4	9.1	9.0	8.8	8.7
	13	12	9.8	9.7	9.7	9.3	9.3
	17	15	9.9	9.9	9.9	9.6	9.6
	19	18	10.2	10.2	10.0	9.8	9.7
	23	21	10.5	10.5	10.2	10.2	9.8
	26	24	11.2	10.8	10.8	10.5	10.2
	30	28	11.5	11.5	11.2	10.8	10.5
	35	32	12.2	12.2	11.9	11.5	10.8
	39	36	12.9	12.5	12.5	11.9	11.5
	44	40	13.2	13.2	12.9	12.2	11.5
	47	43	13.9	13.9	13.5	12.5	11.5
	51	47	14.2	13.9	13.5	12.5	11.5
015	54	50	14.9	14.2	13.5	12.5	11.5
	57	53	15.2	14.2	13.5	12.5	11.5
	60	56	15.6	14.6	13.5	12.5	11.5
	-3.6	-4	10.6	10.6	10.0	9.9	9.9
	-1.8	-2	10.7	10.7	10.2	10.0	10.0
	2	1	11.0	11.0	10.6	10.3	10.2
	6	5	11.3	11.3	11.0	10.7	10.3
	10	9	11.8	11.5	11.5	11.1	10.8
	13	12	12.5	12.1	12.1	11.8	11.7
	17	15	12.7	12.4	12.4	12.1	12.0
	19	18	13.0	12.6	12.6	12.3	12.1
	23	21	13.3	13.0	13.0	12.6	12.3
	26	24	14.0	13.6	13.6	13.3	12.6
	30	28	14.7	14.3	14.3	13.6	13.3
	35	32	15.3	15.0	15.0	14.3	13.6
	39	36	16.0	16.0	15.7	15.0	14.3
018	44	40	16.7	16.7	16.4	15.3	14.3
	47	43	17.4	17.4	17.0	15.7	14.3
	51	47	18.1	17.7	17.0	15.7	14.3
	54	50	18.7	17.7	17.0	15.7	14.3
	57	53	19.1	18.1	17.0	15.7	14.3
	60	56	19.8	18.4	17.0	15.7	14.3
	-3.6	-4.0	13.0	12.7	12.4	12.3	12.3
	-1.8	-2.2	13.1	12.9	12.5	12.4	12.4
	2	1	13.4	13.3	12.8	12.6	12.6
	6	5	14.0	13.7	13.2	13.0	12.7
	10	9	14.5	14.1	13.8	13.7	13.4
	13	12	15.1	14.9	14.5	14.4	14.3
	17	15	15.7	15.5	15.1	15.0	14.8
	19	18	16.2	15.9	15.7	15.5	15.0
	23	21	17.0	16.6	16.3	16.0	15.5
	26	24	17.7	17.3	16.9	16.6	16.1
	30	28	18.4	18.0	17.6	17.1	16.5
	35	32	19.1	18.8	18.1	17.7	17.0
	39	36	19.6	19.6	18.9	18.4	17.7
	44	40	20.7	20.4	19.5	18.8	17.7
	47	43	21.5	21.2	20.0	19.1	17.8
	51	47	22.3	21.6	20.0	19.1	17.8
	54	50	22.9	21.7	20.0	19.1	17.8
	57	53	23.4	22.0	20.0	19.1	17.8
	60	56	24.0	22.3	20.0	19.1	17.8

Capacity Table

High Static Duct - VHIC

Heating

TC : Total Capacity

Capacity Index	Outdoor Temperature (°F)		Indoor temperature (°F, DB)				
			61	65	70	72	75
	DB	WB	TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)
024	-3.6	-4	16.6	16.6	16.3	15.9	15.9
	-1.8	-2	16.9	16.7	16.4	16.0	16.0
	2	1	17.4	17.0	16.7	16.3	16.2
	6	5	18.0	17.7	17.4	16.7	16.4
	10	9	18.7	18.4	18.1	17.7	17.3
	13	12	19.7	19.4	19.0	18.7	18.6
	17	15	20.1	19.8	19.5	19.1	19.1
	19	18	20.5	20.1	19.8	19.5	19.3
	23	21	21.0	20.6	20.3	20.0	19.6
	26	24	22.0	22.0	21.6	21.0	20.3
	30	28	23.3	23.0	22.7	21.6	21.0
	35	32	24.3	24.0	23.7	22.7	21.6
	39	36	25.7	25.4	24.7	24.0	23.0
	44	40	26.7	26.4	26.0	24.3	23.0
	47	43	27.7	27.4	27.0	25.0	23.0
	51	47	28.7	27.7	27.0	25.0	23.0
027	54	50	29.4	28.4	27.0	25.0	23.0
	57	53	30.4	28.7	27.0	25.0	23.0
	60	56	31.1	29.1	27.0	25.0	23.0
	-3.6	-4	18.1	18.1	17.8	17.5	17.5
	-1.8	-2	18.4	18.4	18.0	17.7	17.6
	2	1	19.1	19.0	18.4	18.1	17.8
	6	5	20.2	19.7	19.1	18.5	18.2
	10	9	20.9	20.5	19.9	19.5	19.2
	13	12	21.7	21.4	21.0	20.7	20.7
	17	15	22.2	21.9	21.6	21.2	21.1
	19	18	22.7	22.4	22.1	21.6	21.3
	23	21	23.4	23.1	22.8	22.2	21.6
	26	24	24.6	24.3	24.0	23.1	22.5
	30	28	25.8	25.5	25.2	24.3	23.1
	35	32	27.0	26.7	26.4	25.2	24.0
	39	36	28.2	27.9	27.6	26.4	25.2
030	44	40	29.7	29.1	28.8	27.0	25.2
	47	43	30.9	30.3	30.0	27.6	25.2
	51	47	31.8	30.9	30.0	27.6	25.2
	54	50	32.7	31.5	30.0	27.6	25.2
	57	53	33.6	31.8	30.0	27.6	25.2
	60	56	34.8	32.4	30.0	27.6	25.2
	-3.6	-4	20.5	20.5	20.2	19.8	19.8
	-1.8	-2	20.9	20.9	20.4	20.0	19.9
	2	1	21.7	21.6	20.9	20.5	20.2
	6	5	22.9	22.3	21.6	21.0	20.6
	10	9	23.6	23.2	22.6	22.1	21.8
	13	12	24.6	24.3	23.8	23.5	23.4
	17	15	25.2	24.8	24.5	24.1	24.0
	19	18	25.7	25.4	25.0	24.5	24.2
	23	21	26.6	26.2	25.9	25.2	24.5
	26	24	27.9	27.6	27.2	26.2	25.5
	30	28	29.3	28.9	28.6	27.6	26.2
	35	32	30.6	30.3	30.0	28.6	27.2
	39	36	32.0	31.7	31.3	30.0	28.6
	44	40	33.7	33.0	32.7	30.6	28.6
	47	43	35.1	34.4	34.0	31.3	28.6
	51	47	36.1	35.1	34.0	31.3	28.6
	54	50	37.1	35.7	34.0	31.3	28.6
	57	53	38.1	36.1	34.0	31.3	28.6
	60	56	39.5	36.8	34.0	31.3	28.6

Capacity Table

High Static Duct - VHIC

Heating

TC : Total Capacity

Capacity Index	Outdoor Temperature (°F)		Indoor temperature (°F, DB)				
			61	65	70	72	75
	DB	WB	TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)	TC(MBH)
036	-3.6	-4	23.9	23.8	23.5	23.5	23.4
	-1.8	-2	24.5	24.2	23.8	23.7	23.5
	2	1	25.8	25.2	24.5	24.1	23.8
	6	5	27.1	26.1	25.5	24.8	24.2
	10	9	28.0	27.2	26.6	26.0	25.6
	13	12	29.2	28.5	28.1	27.7	27.4
	17	15	29.8	29.2	28.8	28.4	28.0
	19	18	30.3	29.8	29.3	28.8	28.4
	23	21	31.1	30.8	30.1	29.5	28.8
	26	24	32.7	32.4	31.7	30.8	29.8
	30	28	34.3	34.0	33.6	32.4	31.1
	35	32	36.2	35.6	35.6	33.6	32.0
	39	36	37.8	37.2	36.8	35.2	34.0
	44	40	39.4	39.1	38.4	36.2	34.0
	47	43	41.3	40.7	40.0	36.8	34.0
	51	47	42.6	41.3	40.0	36.8	34.0
	54	50	43.9	42.0	40.0	36.8	34.0
048	57	53	44.8	42.6	40.0	36.8	34.0
	60	56	46.1	43.2	40.0	36.8	34.0
	-3.6	-4	32.2	32.2	31.8	31.8	31.5
	-1.8	-2	32.9	32.7	32.0	32.0	31.6
	2	1	34.4	33.7	32.7	32.6	31.8
	6	5	36.3	35.4	34.4	33.4	32.4
	10	9	37.5	36.8	36.0	35.3	34.3
	13	12	39.1	38.7	38.0	37.6	36.8
	17	15	39.9	39.5	38.9	38.5	37.7
	19	18	40.7	40.2	39.7	39.0	38.2
	23	21	41.9	41.2	40.9	39.9	38.9
	26	24	44.3	43.6	42.9	41.6	40.5
	30	28	46.6	45.9	45.3	43.6	41.9
	35	32	48.6	48.0	47.3	45.3	43.2
	39	36	51.0	50.3	49.7	47.6	45.6
	44	40	53.4	52.7	51.7	48.6	45.6
	47	43	55.7	54.7	54.0	50.0	45.6
	51	47	57.4	55.7	54.0	50.0	45.6
	54	50	59.1	56.4	54.0	50.0	45.6
	57	53	60.8	57.4	54.0	50.0	45.6
	60	56	62.5	58.1	54.0	50.0	45.6

NOTE

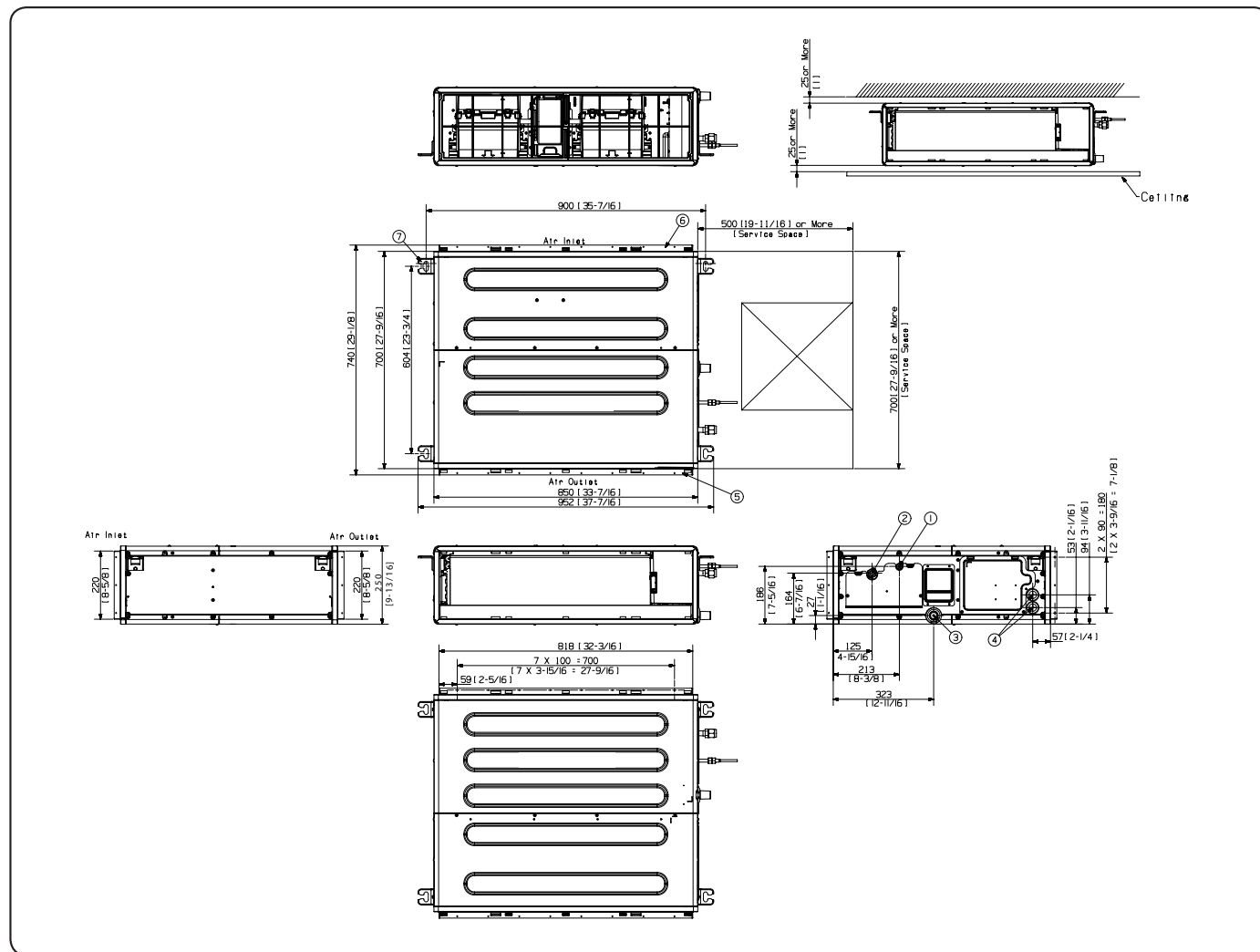
- Capacity table may be subject to change without prior notice.
- Capacities are based on (Equivalent refrigerant piping 25ft, Level differences 0ft);
 - Cooling : Indoor temperature 80°F DB, 67°F WB / Outdoor temperature 95°F DB, 75°F WB
 - Heating : Indoor temperature 70°F DB, 60°F WB / Outdoor temperature 47°F DB, 43°F WB

Dimension Drawing

Medium Static Duct - VMDC

VMDC006S4-4P, VMDC007S4-4P, VMDC009S4-4P, VMDC012S4-4P, VMDC015S4-4P

Unit: mm (inch)



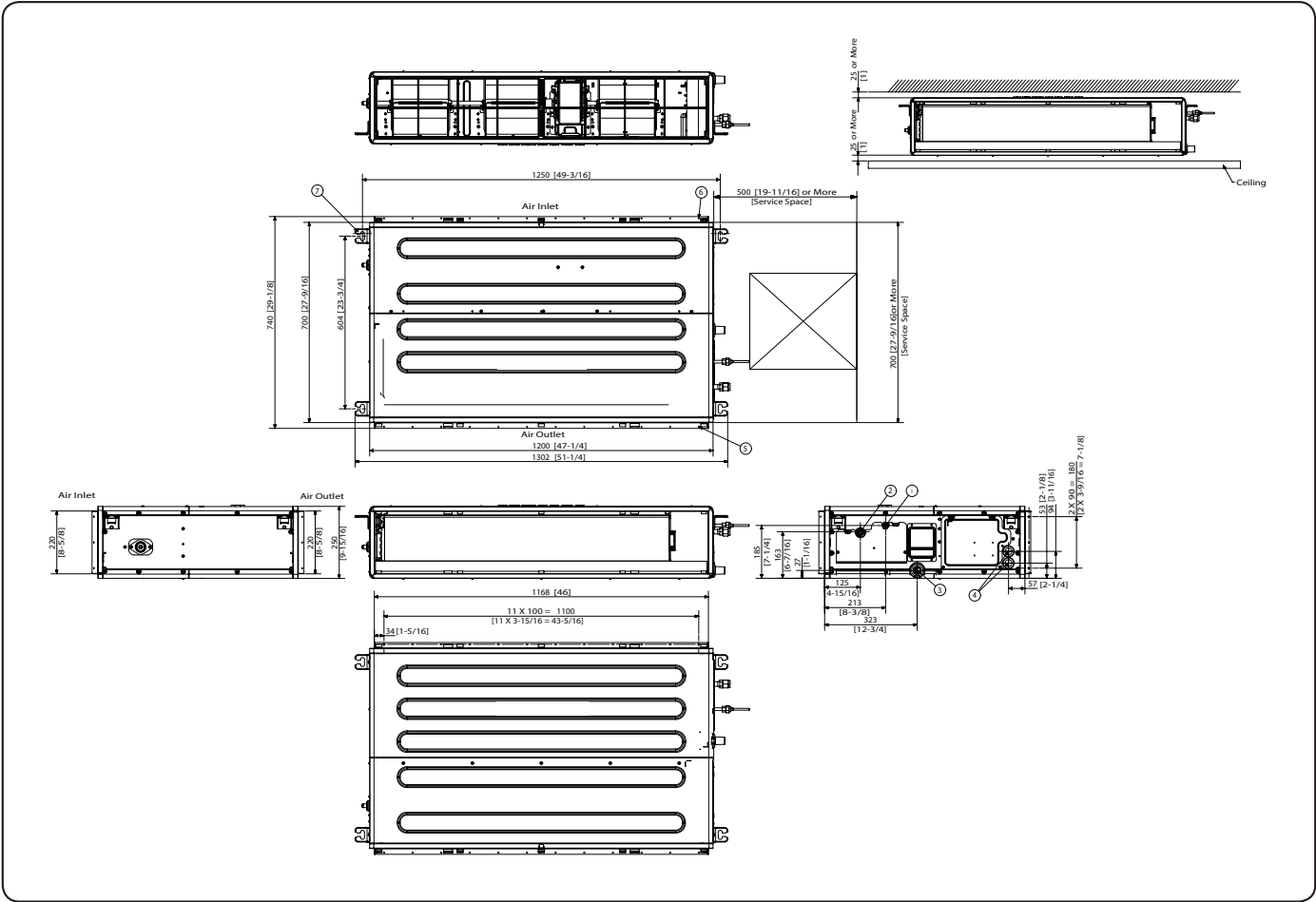
No.	Name	Description
①	Refrigerant liquid pipe	Ø6.35 [1/4"] Flare connection
②	Refrigerant gas pipe	Ø12.7 [1/2"] Flare connection
③	Condensate drain	Nominal Size 3/4" (OD Φ1.05" (26.67 mm))
④	Power & Comm. wiring conduits	-
⑤	Supply air flange	-
⑥	Return air flange	-
⑦	Hook	-

Dimension Drawing

Medium/High Static Duct - VMDC/VHIC

VMDC018S4-4P, VHIC024S4-4P, VHIC027S4-4P, VHIC030S4-4P

Unit: mm (inch)



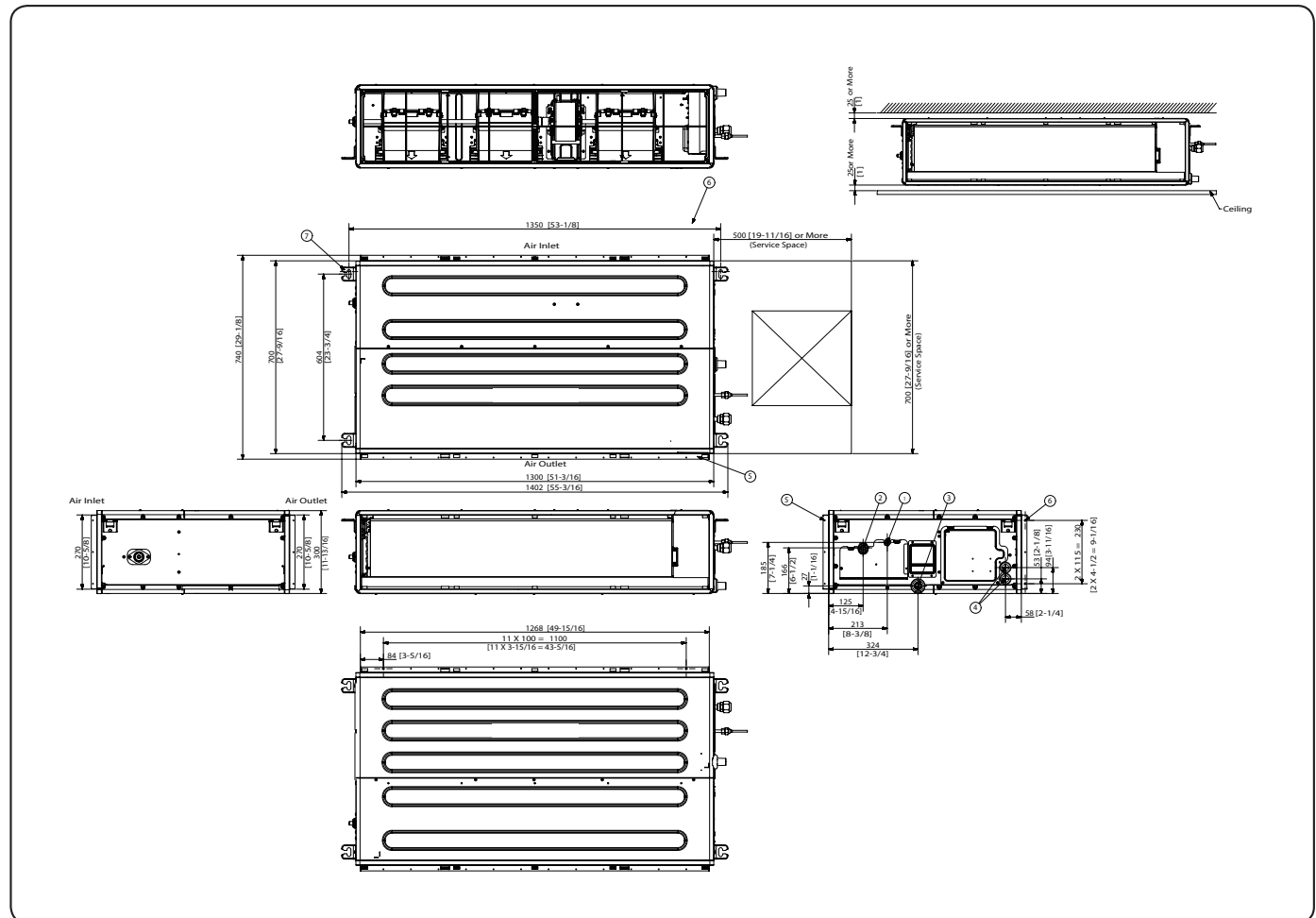
No.	Name	Description	
		VMDC018S4-4P	VHIC024/027/030 S4-4P
①	Refrigerant liquid pipe	Ø6.35 [1/4"] Flare connection	Ø9.52 [3/8"] Flare connection
②	Refrigerant gas pipe	Ø12.7 [1/2"] Flare connection	Ø15.88 [5/8"] Flare connection
③	Condensate drain	Nominal Size 3/4" (OD Ø1.05" (26.67 mm))	Nominal Size 3/4" (OD Ø1.05" (26.67 mm))
④	Power & Comm. wiring conduits	-	-
⑤	Supply air flange	-	-
⑥	Return air flange	-	-
⑦	Hook	-	-

Dimension Drawing

High Static Duct - VHIC

VHIC036S4-4P, VHIC048S4-4P

Unit: mm (inch)

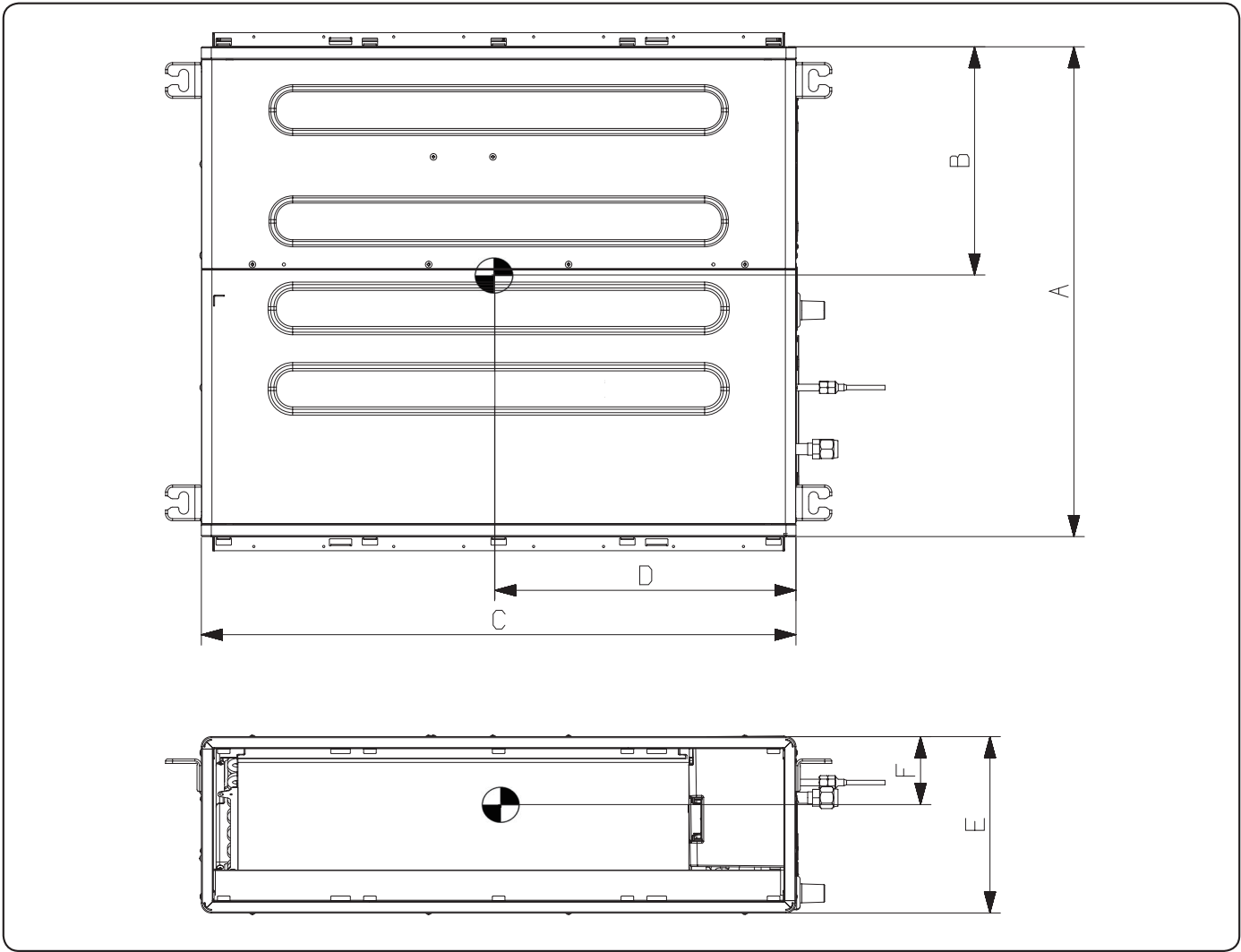


No.	Name	Description
①	Refrigerant liquid pipe	Ø9.52 [3/8"] Flare connection
②	Refrigerant gas pipe	Ø15.88 [5/8"] Flare connection
③	Condensate drain	Nominal Size 3/4" (OD Ø1.05" (26.67 mm))
④	Power & Comm. wiring conduits	-
⑤	Supply air flange	-
⑥	Return air flange	-
⑦	Hook	-

Center of Gravity

Medium/High Static Duct

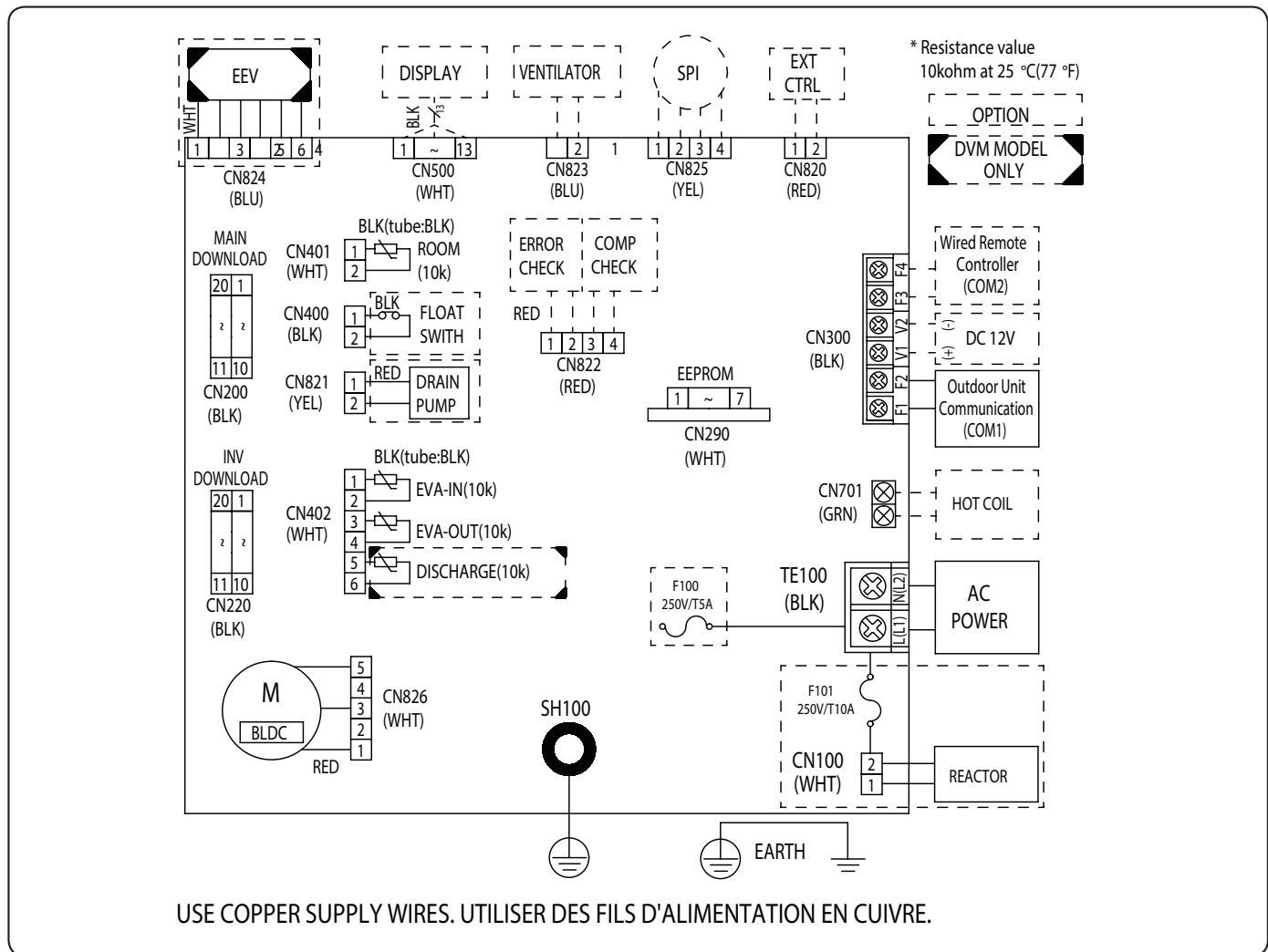
Units : mm [inches]



Model	A	B	C	D	E	F
VMDC006 ~ 015	700 [27-9/16]	335 [14]	900 [35-7/16]	405 [15-15/16]	250 [9-13/16]	125 [4-15/16]
VMDC018, VHIC24 ~ 030	700 [27-9/16]	265 [10-7/16]	1200 [47-1/4]	540 [21-17/64]	250 [9-13/16]	125 [4-15/16]
VHIC036 ~ 048	700 [27-9/16]	265 [10-7/16]	1300 [51-3/16]	625 [24-39/64]	300 [11-13/16]	150 [5-15/16]

Electrical Wiring Diagram

Medium/High Static Duct



SPI	S-Plasma ion	EVA-IN(10K)	Thermistor - IDU heat exchanger In
EEV	Electronic Expansion Valve	EVA-OUT(10K)	Thermistor - IDU heat exchanger Out
M-BLDC	Motor for Indoor Fan	DISCHARGE(10K)	Thermistor - Indoor Discharge Air
ROOM(10K)	Thermistor - Indoor Room	EXT CTRL	External Control

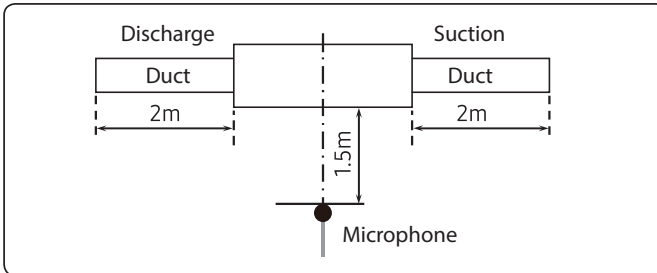
NOTE

- 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: skyblue: grn: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
- Protective earth(SCREW)

Sound Data

Medium Static Duct - VMDC

Sound Pressure level

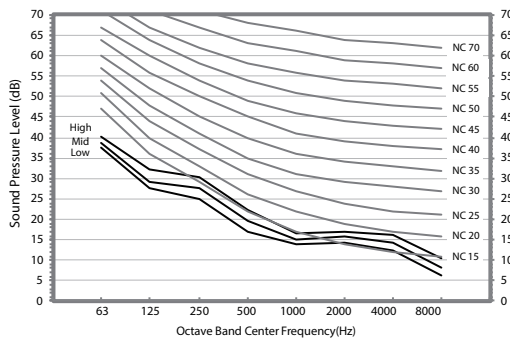


Unit : dB(A)

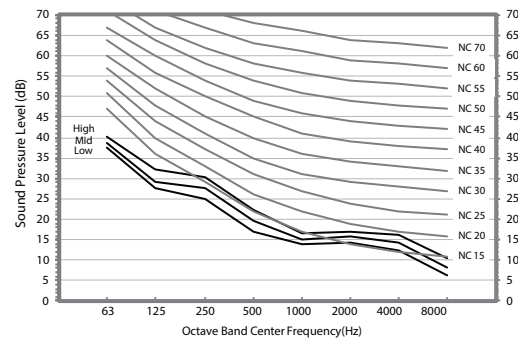
Model	High	Mid	Low
VMDC006S4-4P	27	25	23
VMDC007S4-4P	27	25	23
VMDC009S4-4P	28	26	24
VMDC012S4-4P	29	27	25

- NC Curve

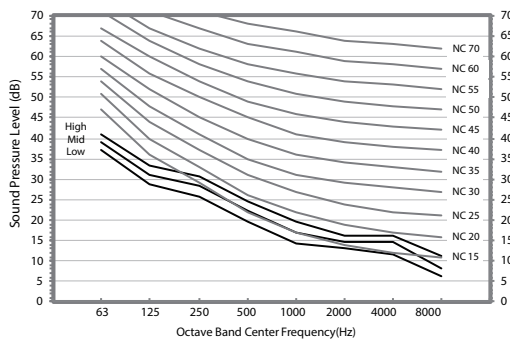
1) VMDC006S4-4P



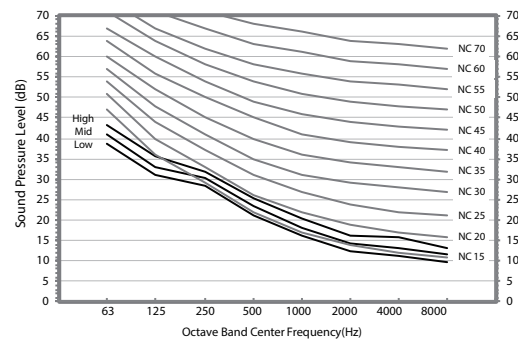
2) VMDC007S4-4P



3) VMDC009S4-4P



4) VMDC012S4-4P



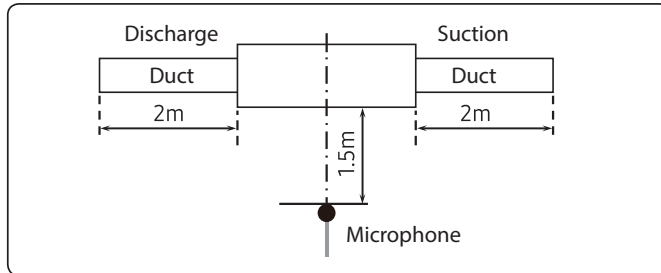
NOTE

- Specifications may be subject to change without prior notice.
- Sound Pressure Level
 - 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

Medium/High Static Duct - VMDC/VHIC

Sound Pressure level

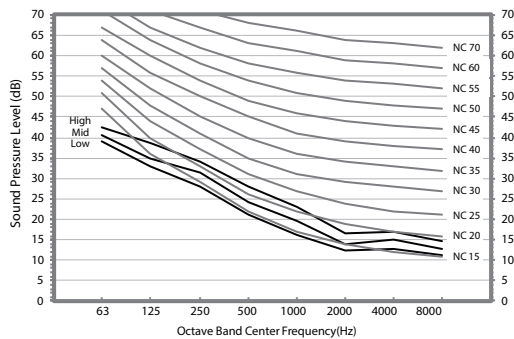


Unit : dB(A)

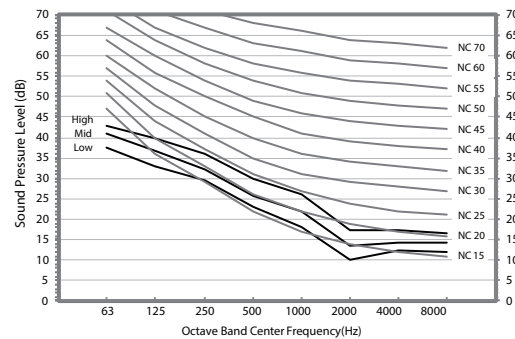
Model	High	Mid	Low
VMDC015S4-4P	31	28	25
VMDC018S4-4P	33	29	26
VHIC024S4-4P	36	32	28
VHIC027S4-4P	37	33	29

- NC Curve

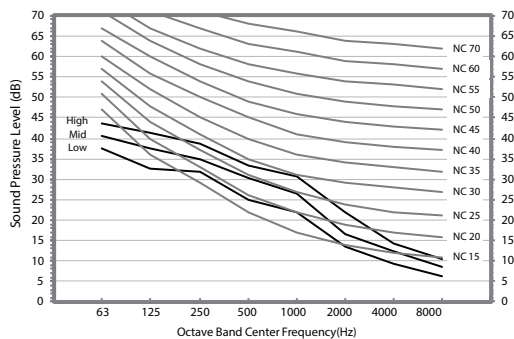
5) VMDC015S4-4P



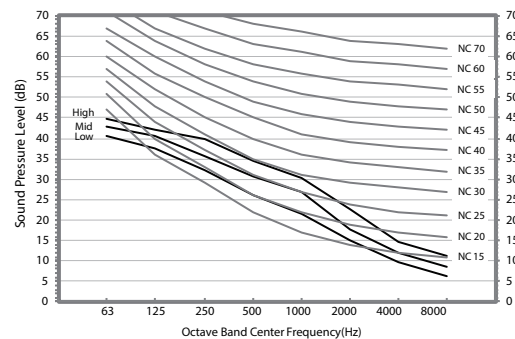
6) VMDC018S4-4P



7) VHIC024S4-4P



8) VHIC027S4-4P



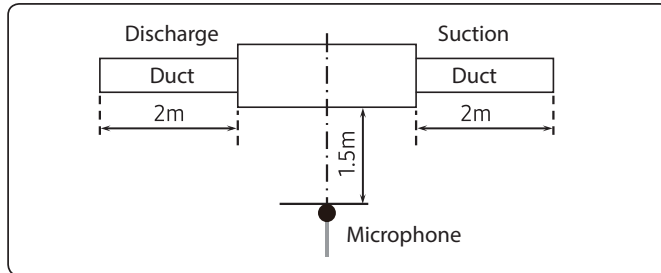
NOTE

- Specifications may be subject to change without prior notice.
- Sound Pressure Level
 - 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

High Static Duct - VHIC

Sound Pressure level

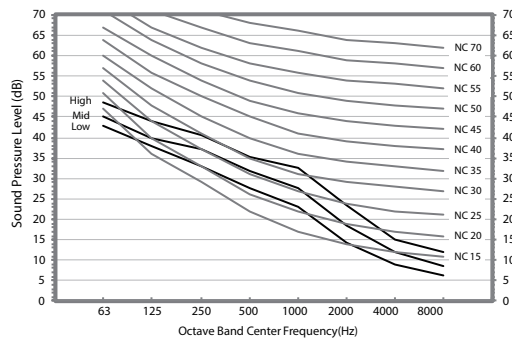


Unit : dB(A)

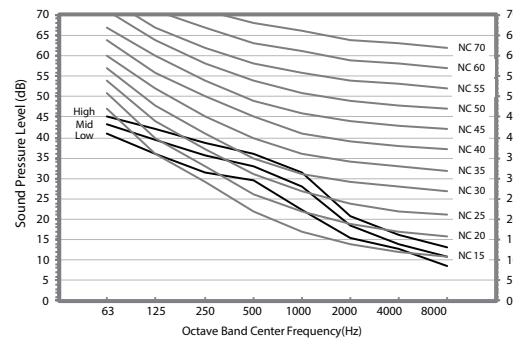
Model	High	Mid	Low
VHIC030S4-4P	38	34	30
VHIC036S4-4P	37	34	30
VHIC048S4-4P	42	38	34

- NC Curve

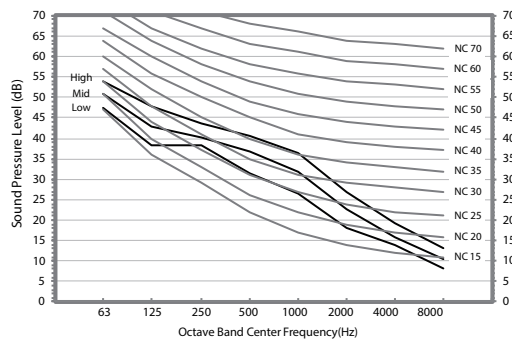
9) VHIC030S4-4P



10) VHIC036S4-4P



11) VHIC048S4-4P



NOTE

- Specifications may be subject to change without prior notice.
- Sound Pressure Level
 - 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

Medium Static Duct - VMDC

Sound power level

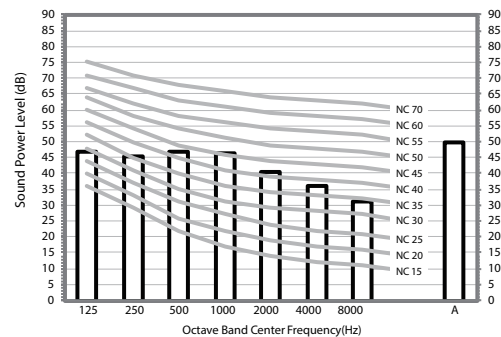
NOTE

- 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

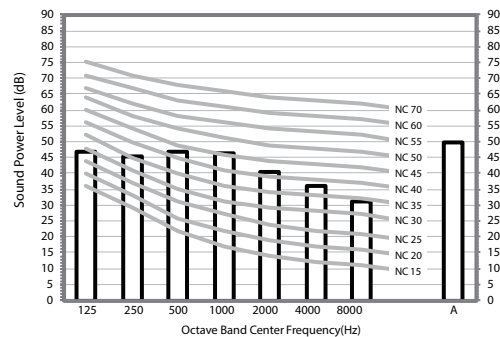
Unit : dB(A)

Model	Power
VMDC006S4-4P	50
VMDC007S4-4P	50
VMDC009S4-4P	51
VMDC012S4-4P	51

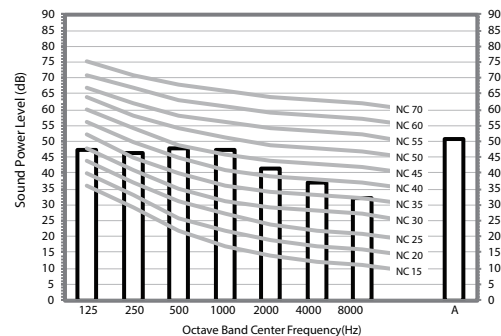
1) VMDC006S4-4P



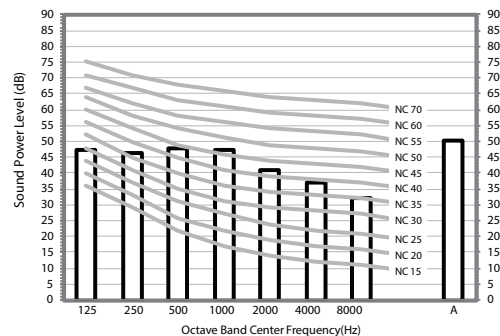
2) VMDC007S4-4P



3) VMDC009S4-4P



4) VMDC012S4-4P



Sound Data

Medium/High Static Duct - VMDC/VHIC

Sound power level

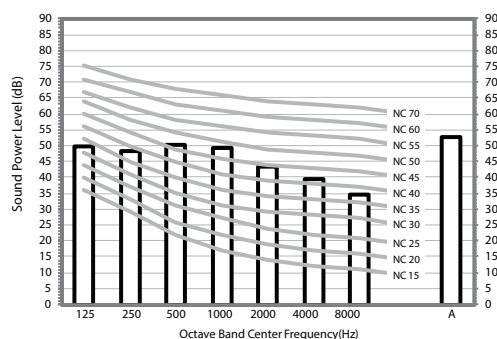
NOTE

- 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

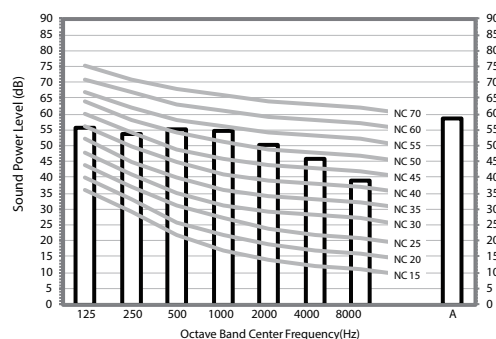
Unit : dB(A)

Model	Power
VMDC015S4-4P	53
VMDC018S4-4P	59
VHIC024S4-4P	62
VHIC027S4-4P	63

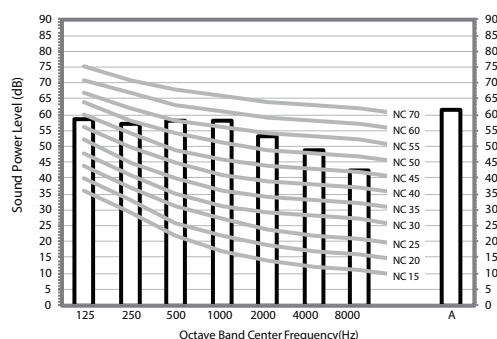
5) VMDC015S4-4P



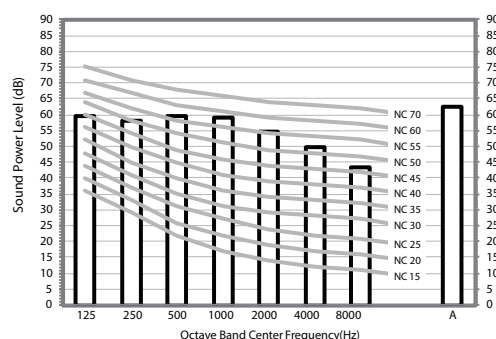
6) VMDC018S4-4P



7) VHIC024S4-4P



8) VHIC027S4-4P



Sound Data

High Static Duct - VHIC

Sound power level

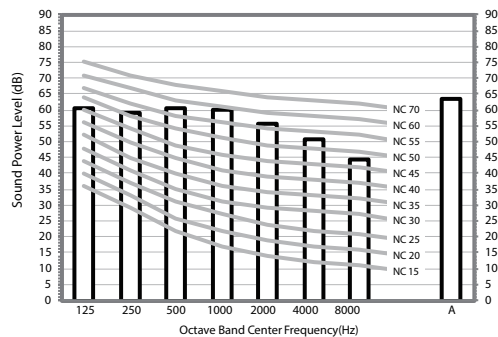
 NOTE

- 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

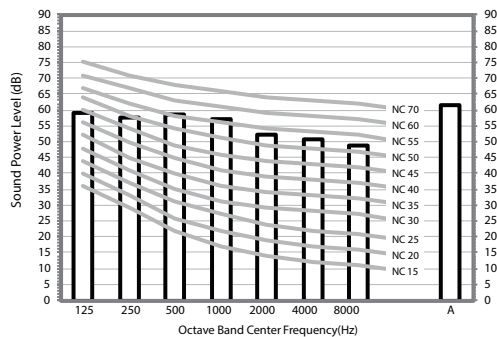
Unit : dB(A)

Model	Power
VHIC030S4-4P	64
VHIC036S4-4P	62
VHIC048S4-4P	66

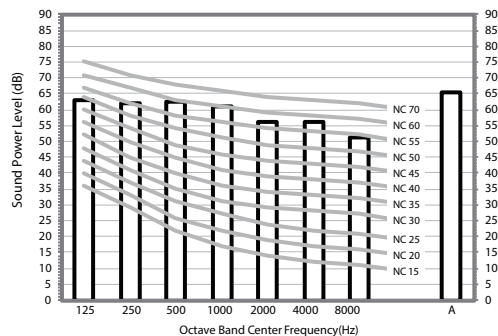
9) VHIC030S4-4P



10) VHIC036S4-4P



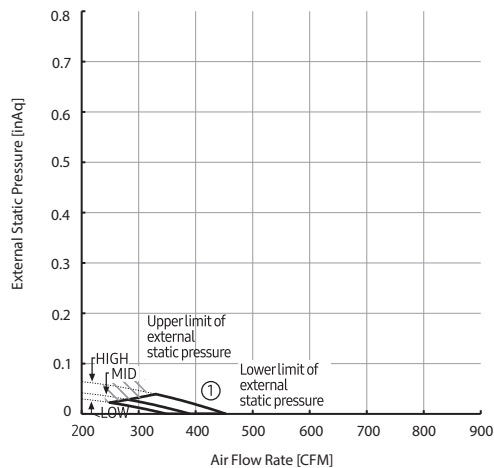
11) VHIC048S4-4P



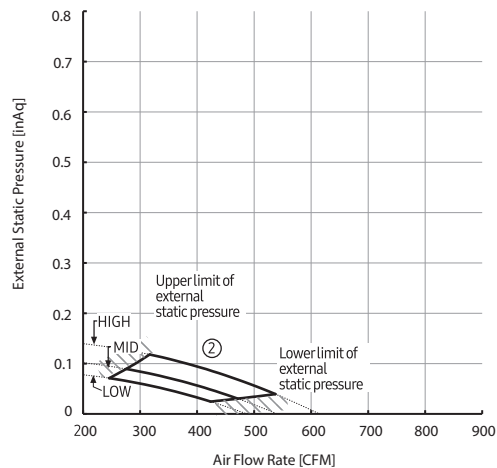
Fan Characteristic

VMDC006S4-4P

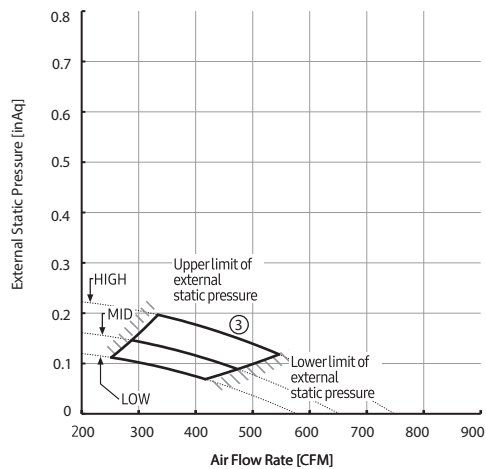
①	External Static Pressure(inAq)	Option Code
	$0 \leq SP \leq 0.04$	010054-1E5051-201313-331100



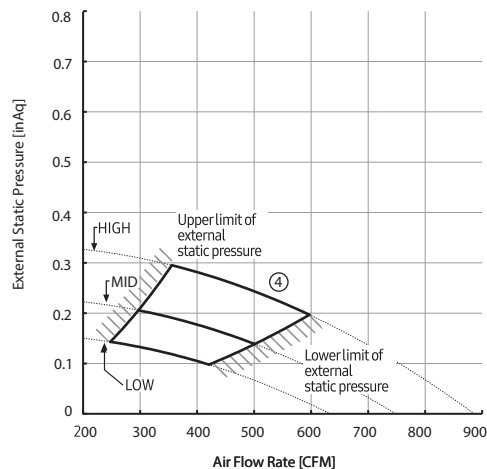
②	External Static Pressure(inAq)	Option Code
	$0.04 < SP \leq 0.12$	010054-1E50B5-201313-331100



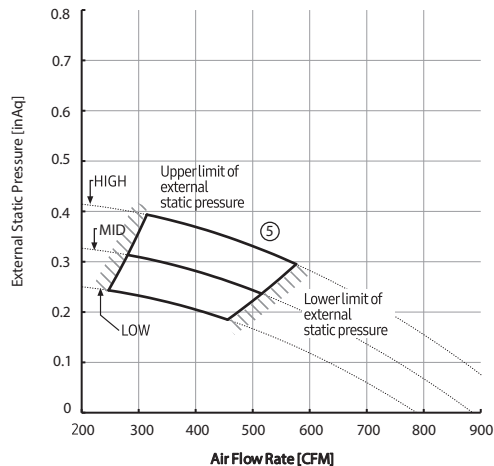
③	External Static Pressure(inAq)	Option Code
	$0.12 < SP \leq 0.20$	010054-1E5419-201313-331100



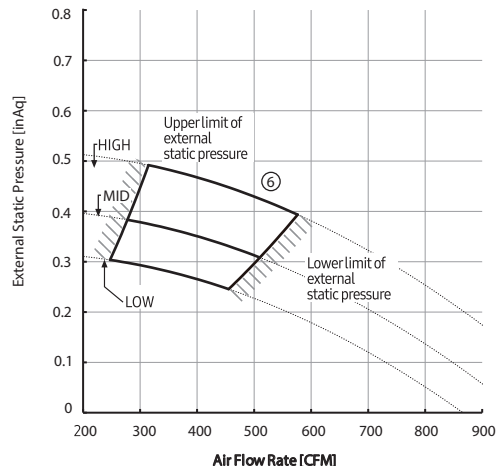
④	External Static Pressure(inAq)	Option Code
	$0.20 < SP \leq 0.30$	010054-1E548D-201313-331100



⑤	External Static Pressure(inAq)	Option Code
	$0.30 < SP \leq 0.39$	010054-1E55D4-201313-331100



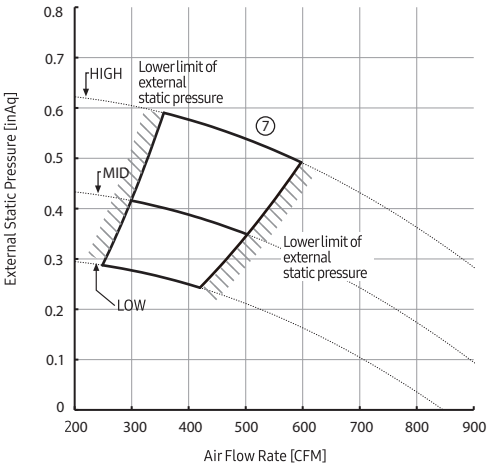
⑥	External Static Pressure(inAq)	Option Code
	$0.39 < SP \leq 0.49$	010054-1E5928-201313-331100



Fan Characteristics

VMDC006S4-4P

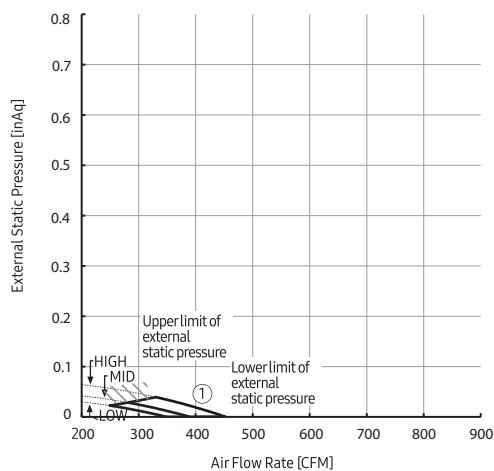
⑦	External Static Pressure(inAq)	Option Code
	0.49<SP≤0.59	010054-1E5979-201313-331100



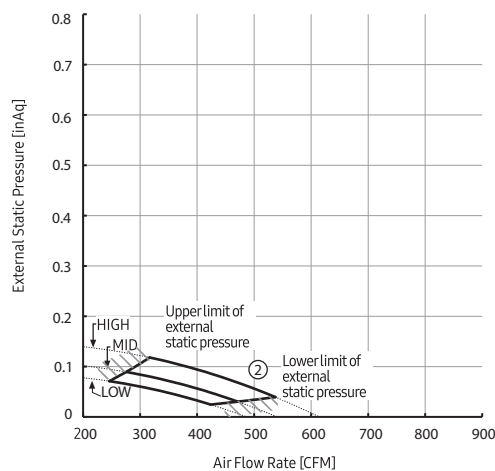
Fan Characteristics

VMDC007S4-4P

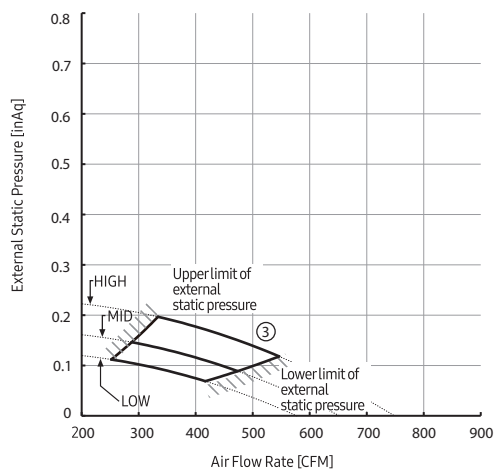
①	External Static Pressure(inAq)	Option Code
	$0 \leq SP \leq 0.04$	010054-1E5051-201616-331100



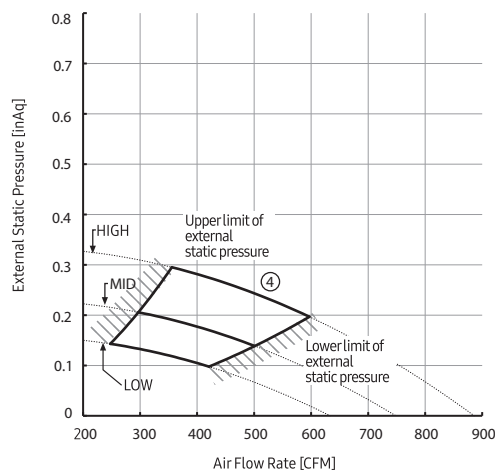
②	External Static Pressure(inAq)	Option Code
	$0.04 < SP \leq 0.12$	010054-1E50B5-201616-331100



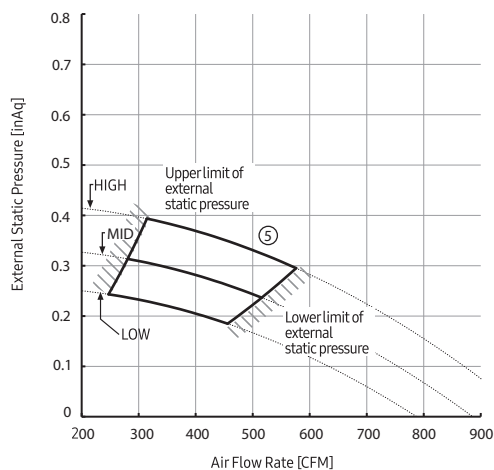
③	External Static Pressure(inAq)	Option Code
	$0.12 < SP \leq 0.20$	010054-1E5419-201616-331100



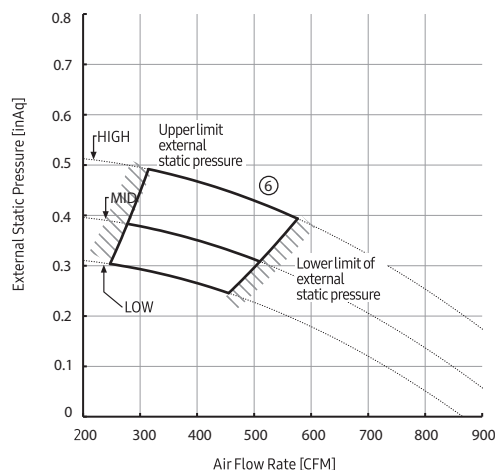
④	External Static Pressure(inAq)	Option Code
	$0.20 < SP \leq 0.30$	010054-1E548D-201616-331100



⑤	External Static Pressure(inAq)	Option Code
	$0.30 < SP \leq 0.39$	010054-1E55D4-201616-331100



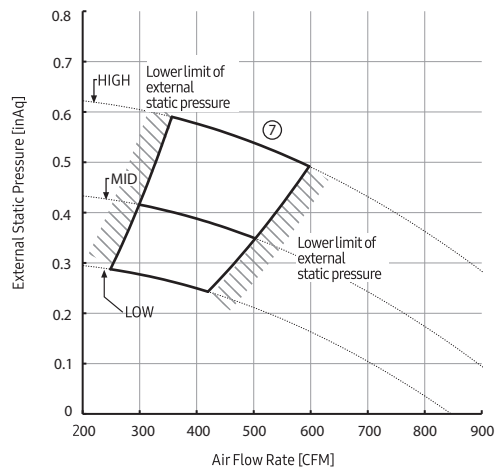
⑥	External Static Pressure(inAq)	Option Code
	$0.39 < SP \leq 0.49$	010054-1E5928-201616-331100



Fan Characteristics

VMDC007S4-4P

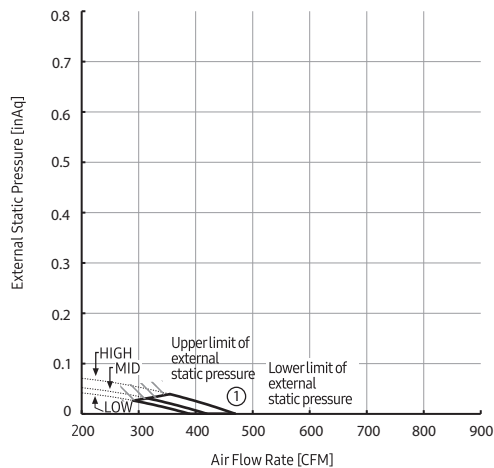
⑦	External Static Pressure(inAq)	Option Code
	0.49<SP≤0.59	010054-1E5979-201616-331100



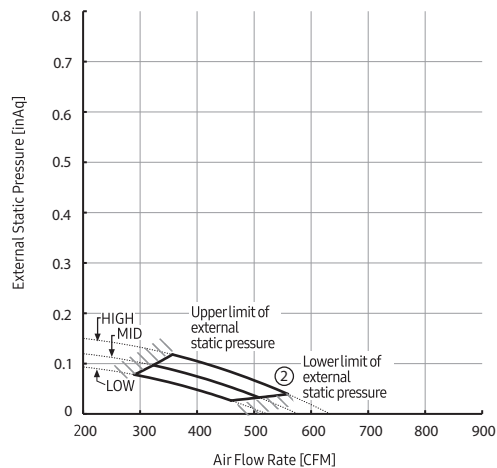
Fan Characteristics

VMDC009S4-4P

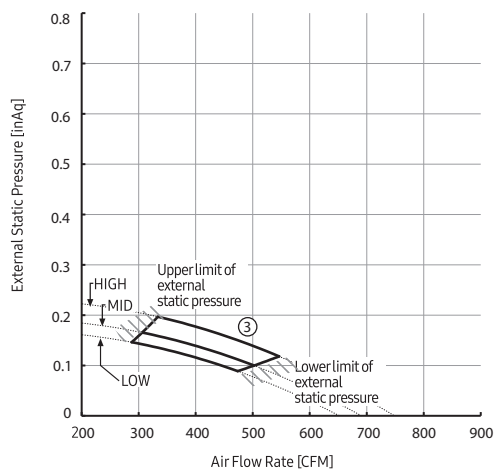
①	External Static Pressure(inAq)	Option Code
	$0 \leq SP \leq 0.04$	010054-1E5061-201C1C-331100



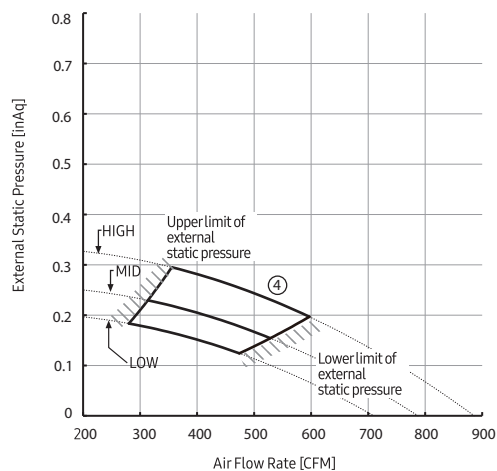
②	External Static Pressure(inAq)	Option Code
	$0.04 < SP \leq 0.12$	010054-1E50C6-201C1C-331100



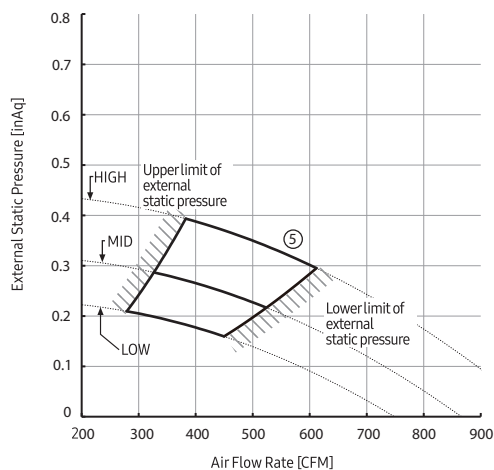
③	External Static Pressure(inAq)	Option Code
	$0.12 < SP \leq 0.20$	010054-1E542A-201C1C-331100



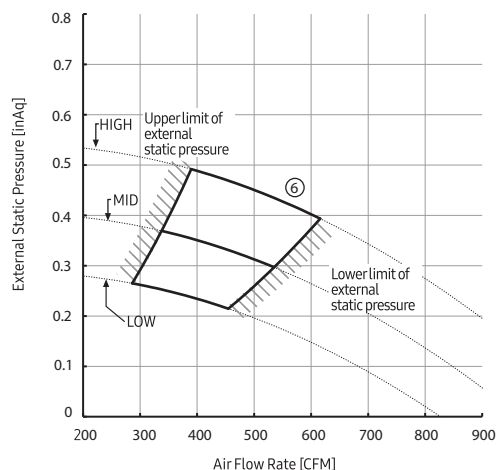
④	External Static Pressure(inAq)	Option Code
	$0.20 < SP \leq 0.30$	010054-1E549D-201C1C-331100



⑤	External Static Pressure(inAq)	Option Code
	$0.30 < SP \leq 0.39$	010054-1E55E3-201C1C-331100



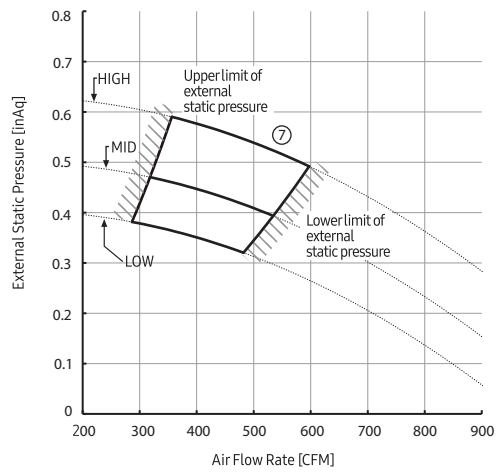
⑥	External Static Pressure(inAq)	Option Code
	$0.39 < SP \leq 0.49$	010054-1E5936-201C1C-331100



Fan Characteristics

VMDC009S4-4P

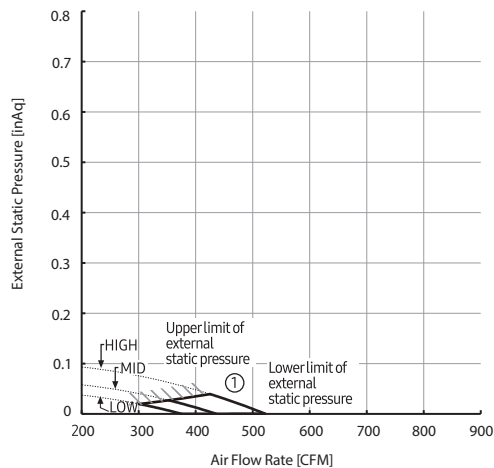
⑦	External Static Pressure(inAq)	Option Code
	0.49<SP≤0.59	010054-1E597D-201C1C-331100



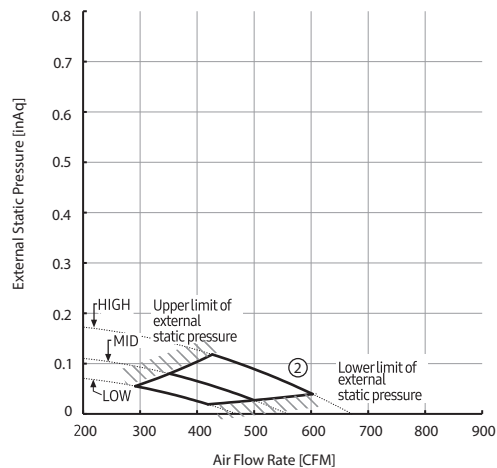
Fan Characteristics

VMDC012S4-4P

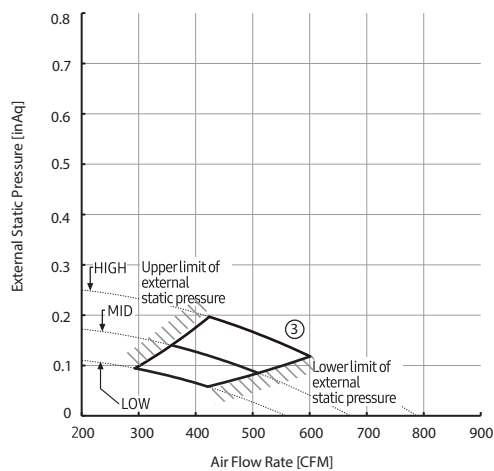
①	External Static Pressure(inAq)	Option Code
	$0 \leq SP \leq 0.04$	010054-1E5062-202323-331100



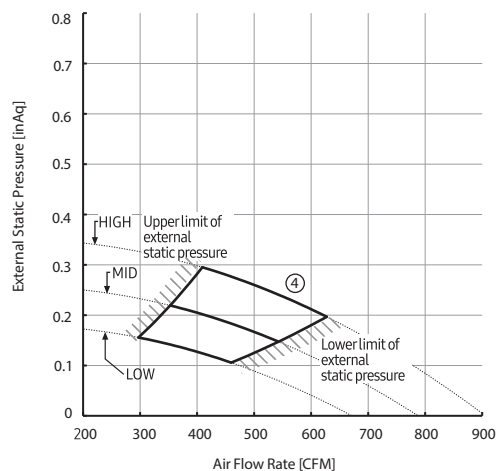
②	External Static Pressure(inAq)	Option Code
	$0.04 < SP \leq 0.12$	010054-1E50C7-202323-331100



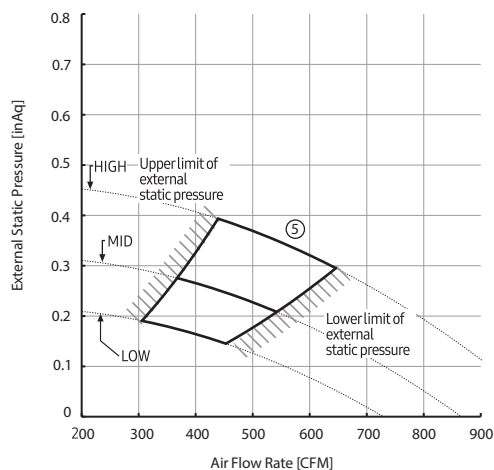
③	External Static Pressure(inAq)	Option Code
	$0.12 < SP \leq 0.20$	010054-1E542A-202323-331100



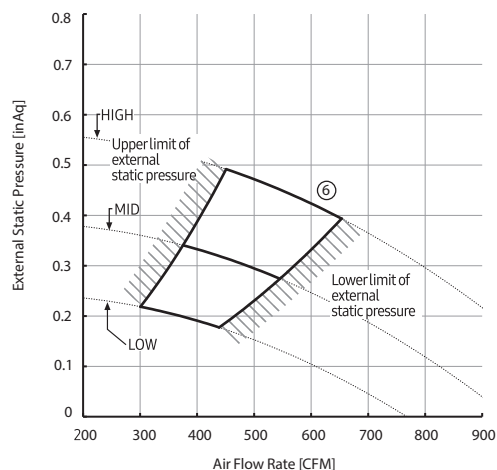
④	External Static Pressure(inAq)	Option Code
	$0.20 < SP \leq 0.30$	010054-1E549E-202323-331100



⑤	External Static Pressure(inAq)	Option Code
	$0.30 < SP \leq 0.39$	010054-1E55E4-202323-331100



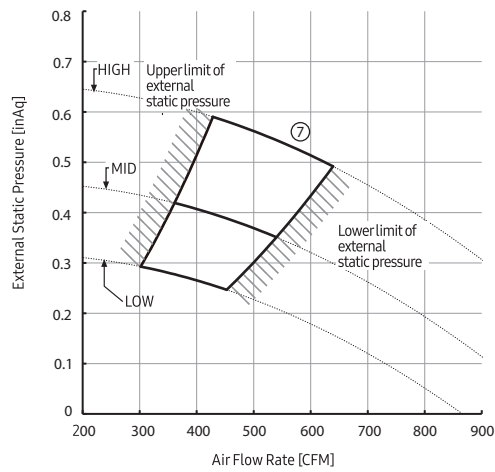
⑥	External Static Pressure(inAq)	Option Code
	$0.39 < SP \leq 0.49$	010054-1E5938-202323-331100



Fan Characteristics

VMDC012S4-4P

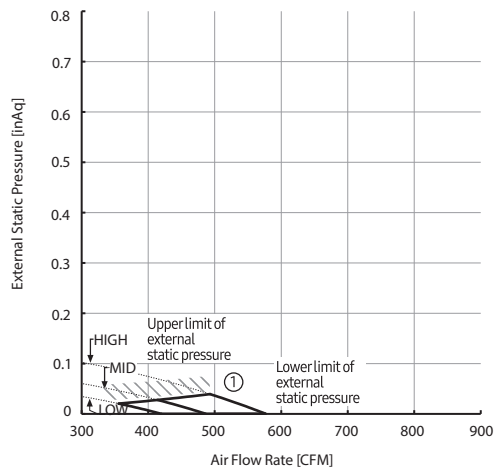
⑦	External Static Pressure(inAq)	Option Code
	0.49<SP≤0.59	010054-1E597E-202323-331100



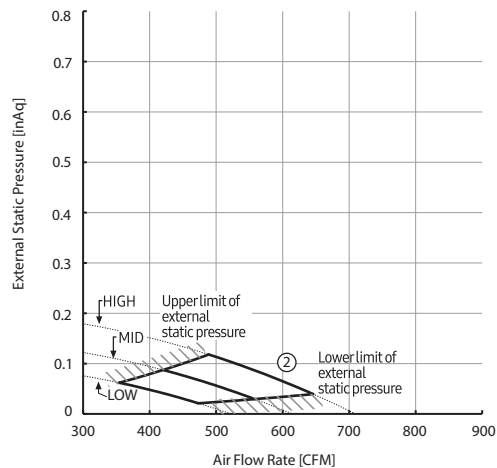
Fan Characteristics

VMDC015S4-4P

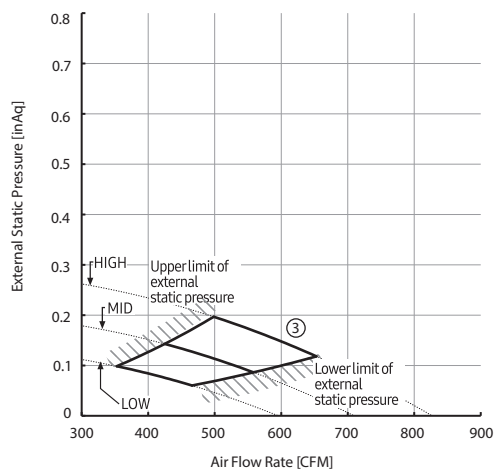
①	External Static Pressure(inAq)	Option Code
	$0 \leq SP \leq 0.04$	010054-1E5082-202C2C-331100



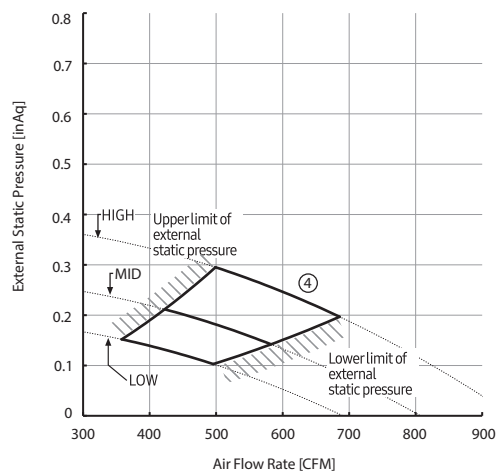
②	External Static Pressure(inAq)	Option Code
	$0.04 < SP \leq 0.12$	010054-1E50E6-202C2C-331100



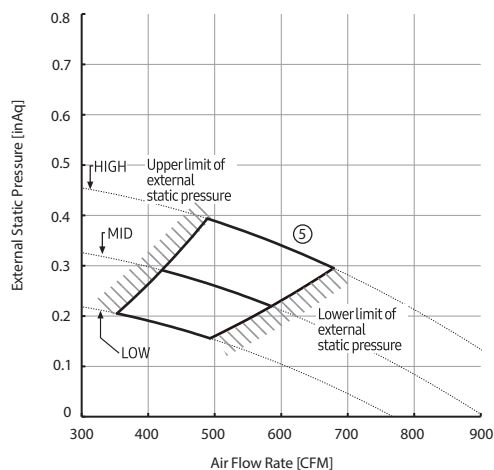
③	External Static Pressure(inAq)	Option Code
	$0.12 < SP \leq 0.20$	010054-1E5449-202C2C-331100



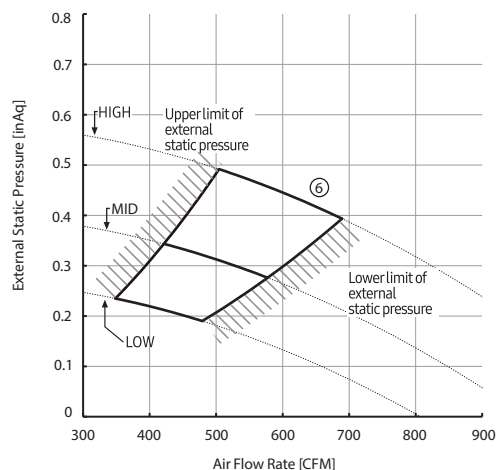
④	External Static Pressure(inAq)	Option Code
	$0.20 < SP \leq 0.30$	010054-1E54AD-202C2C-331100



⑤	External Static Pressure(inAq)	Option Code
	$0.30 < SP \leq 0.39$	010054-1E55F3-202C2C-331100



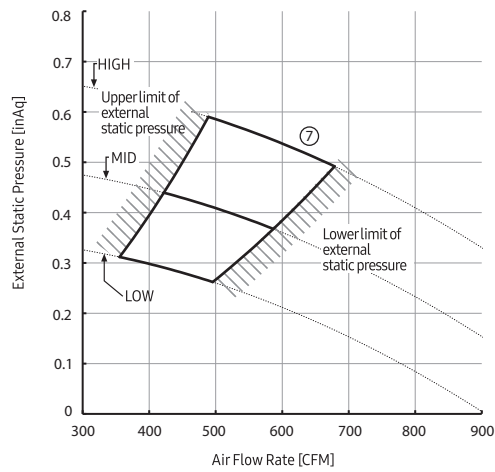
⑥	External Static Pressure(inAq)	Option Code
	$0.39 < SP \leq 0.49$	010054-1E5946-202C2C-331100



Fan Characteristics

VMDC015S4-4P

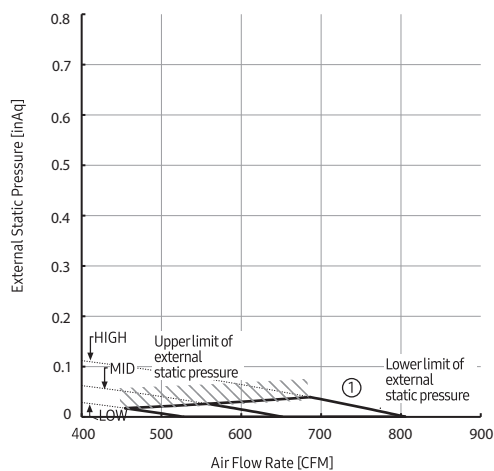
⑦	External Static Pressure(inAq)	Option Code
	0.49<SP≤0.59	010054-1E59A3-202C2C-331100



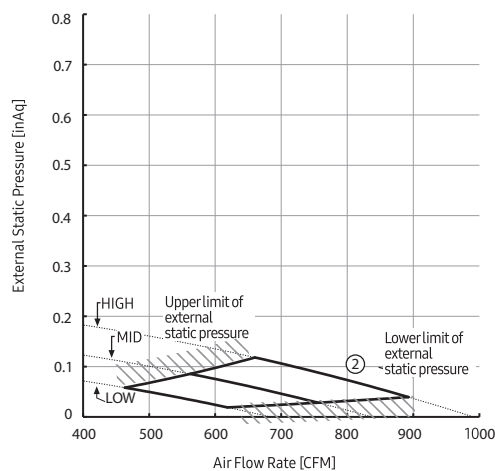
Fan Characteristics

VMDC018S4-4P

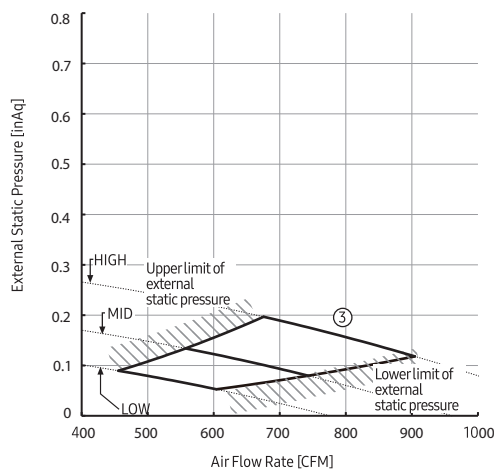
①	External Static Pressure(inAq)	Option Code
	$0 \leq SP \leq 0.04$	010054-1E5084-203535-331110



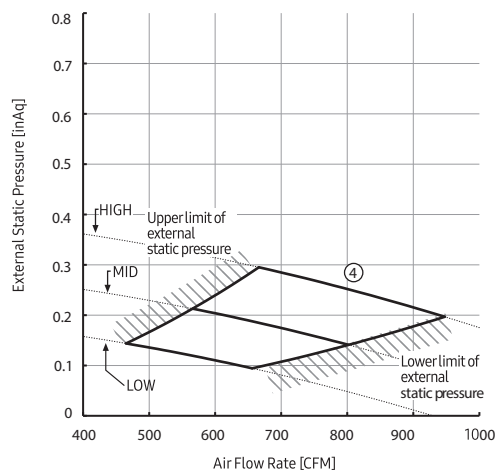
②	External Static Pressure(inAq)	Option Code
	$0.04 < SP \leq 0.12$	010054-1E50C7-203535-331110



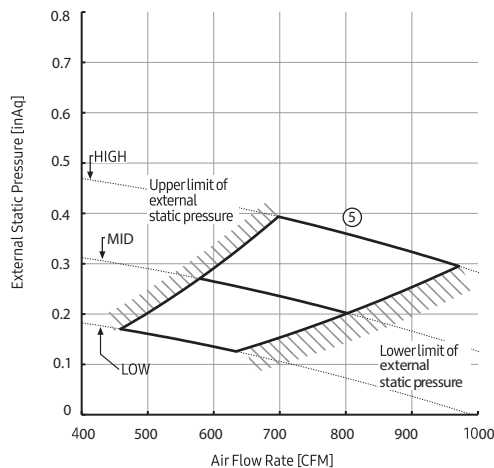
③	External Static Pressure(inAq)	Option Code
	$0.12 < SP \leq 0.28$	010054-1E547B-203535-331110



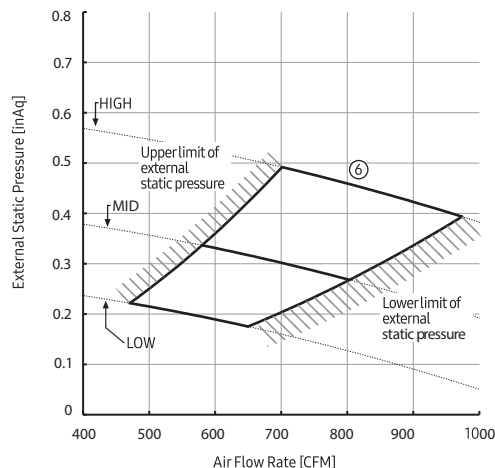
④	External Static Pressure(inAq)	Option Code
	$0.28 < SP \leq 0.43$	010054-1E5900-203535-331110



⑤	External Static Pressure(inAq)	Option Code
	$0.43 < SP \leq 0.59$	010054-1E5983-203535-331110



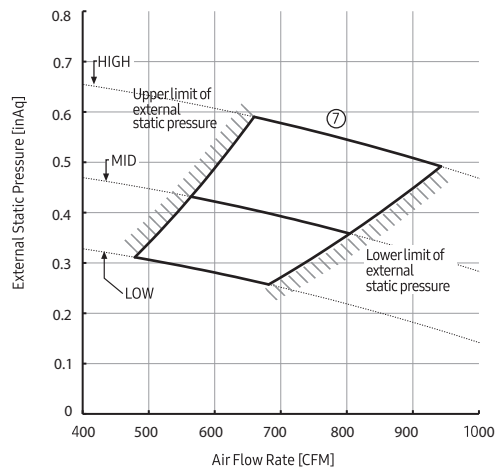
⑥	External Static Pressure(inAq)	Option Code
	$0.59 < SP \leq 0.69$	010054-1E59C8-203535-331110



Fan Characteristics

VMDC018S4-4P

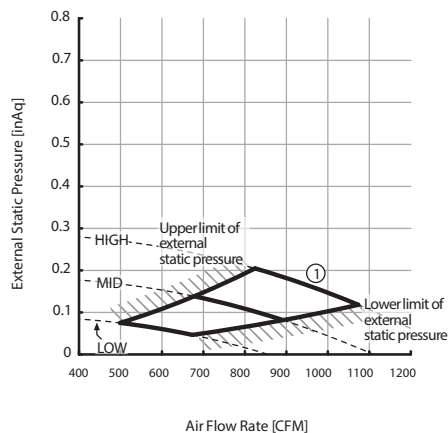
⑦	External Static Pressure(inAq)	Option Code
	0.69<SP≤0.79	010054-1E5D0B-203535-331110



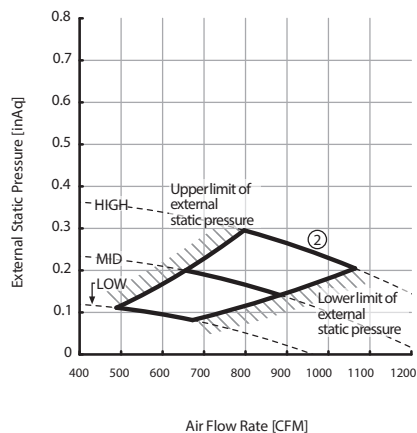
Fan Characteristics

VHIC024S4-4P

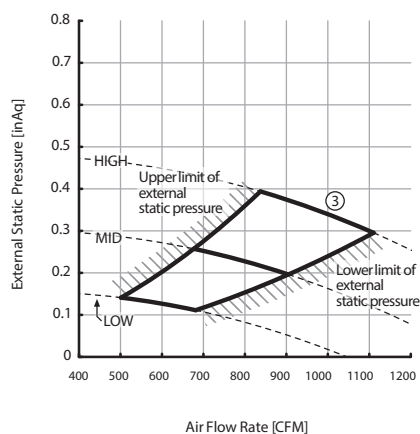
①	External Static Pressure(inAq)	Option Code
	0.12≤SP≤0.20	010054-1E5458-204646-331110



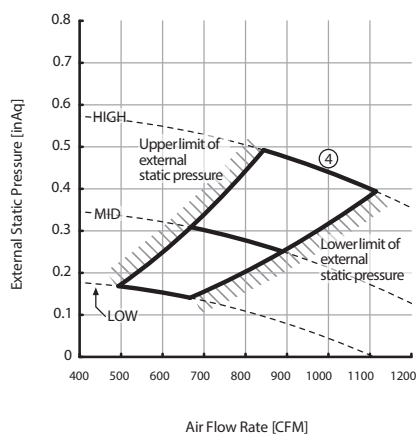
②	External Static Pressure(inAq)	Option Code
	0.20<SP≤0.30	010054-1E54AA-204646-331110



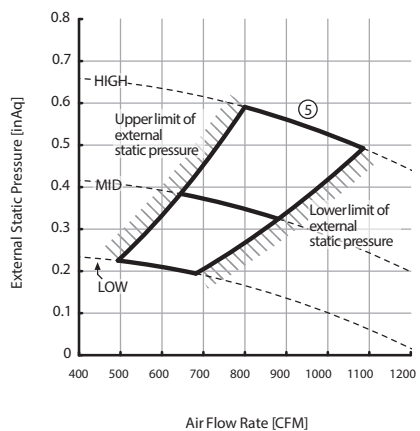
③	External Static Pressure(inAq)	Option Code
	0.30<SP≤0.39	010054-1E580C-204646-331110



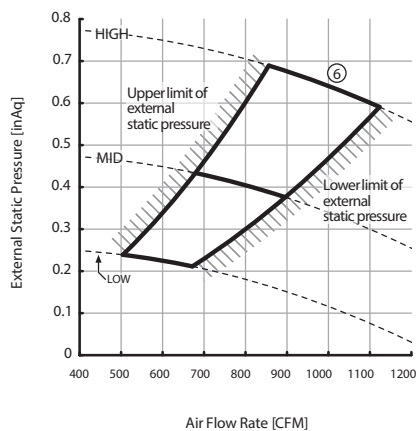
④	External Static Pressure(inAq)	Option Code
	0.39<SP≤0.49	010054-1E585E-204646-331110



⑤	External Static Pressure(inAq)	Option Code
	0.49<SP≤0.59	010054-1E5992-204646-331110



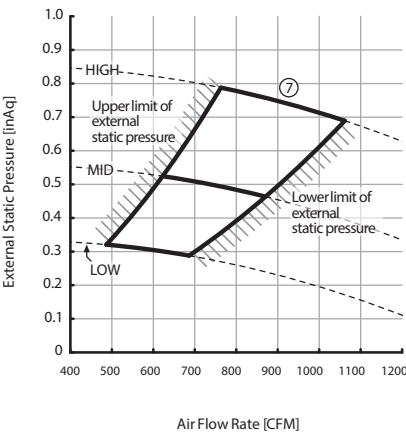
⑥	External Static Pressure(inAq)	Option Code
	0.59<SP≤0.69	010054-1E59E3-204646-331110



Fan Characteristics

VHIC024S4-4P

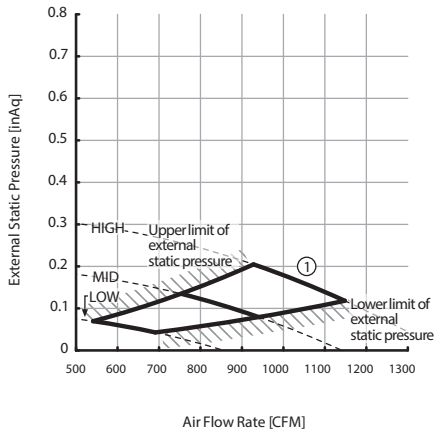
⑦	External Static Pressure(in Aq)	Option Code
	0.69<SP≤0.79	010054-1E5D18-204646-331110



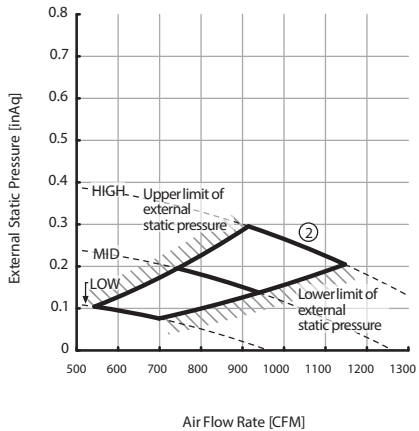
FanCharacteristi c

VHIC027S4-4P

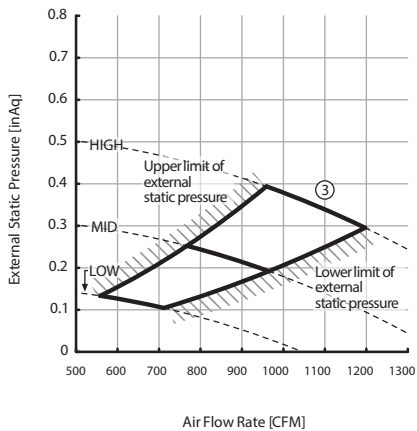
①	External Static Pressure(inAq)	Option Code
	0.12≤SP≤0.20	010054-1E5478-204F4F-331110



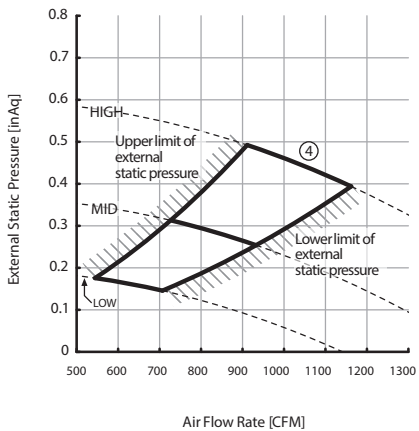
②	External Static Pressure(inAq)	Option Code
	0.20<SP≤0.30	010054-1E54CA-204F4F-331110



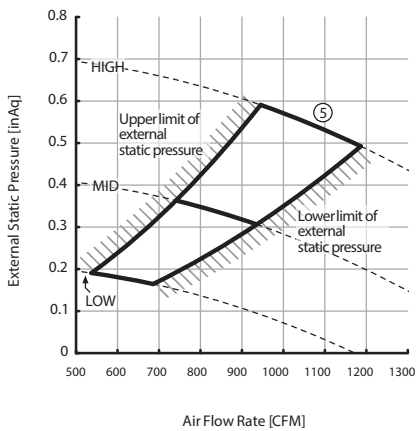
③	External Static Pressure(inAq)	Option Code
	0.30<SP≤0.39	010054-1E582C-204F4F-331110



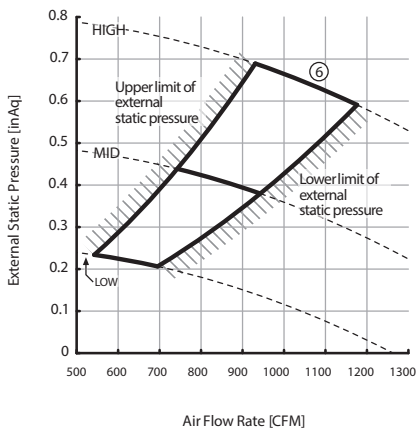
④	External Static Pressure(inAq)	Option Code
	0.39<SP≤0.49	010054-1E586F-204F4F-331110



⑤	External Static Pressure(inAq)	Option Code
	0.49<SP≤0.59	010054-1E59B0-204F4F-331110



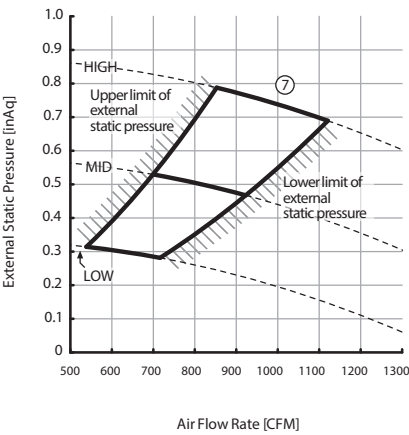
⑥	External Static Pressure(inAq)	Option Code
	0.59<SP≤0.69	010054-1E59F3-204F4F-331110



Fan Characteristics

VHIC027S4-4P

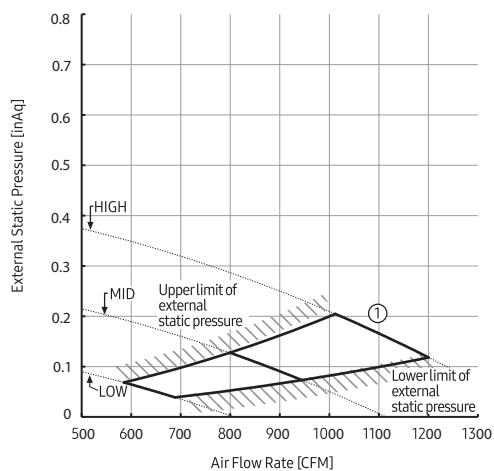
⑦	External Static Pressure(in Aq)	Option Code
	0.69<SP≤0.79	010054-1E5D28-204F4F-331110



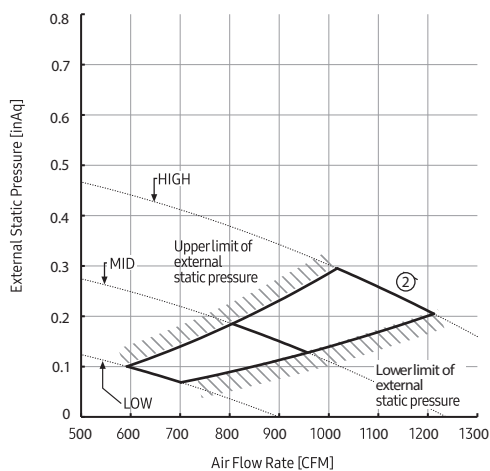
Fan Characteristics

VHIC030S4-4P

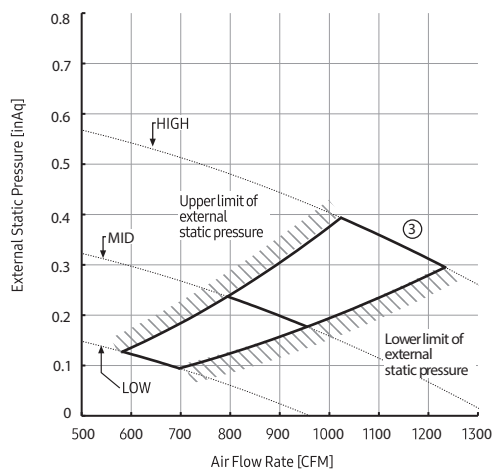
①	External Static Pressure(inAq)	Option Code
	0.12≤SP≤0.20	010054-1E54A8-205858-331110



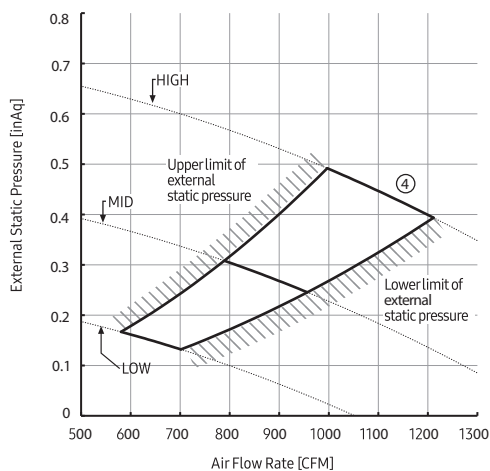
②	External Static Pressure(inAq)	Option Code
	0.20≤SP≤0.30	010054-1E54FA-205858-331110



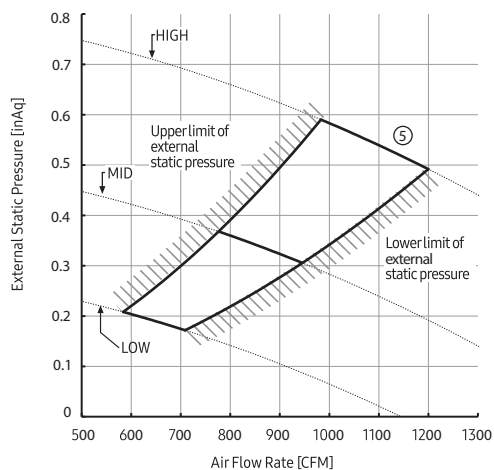
③	External Static Pressure(inAq)	Option Code
	0.30≤SP≤0.39	010054-1E584B-205858-331110



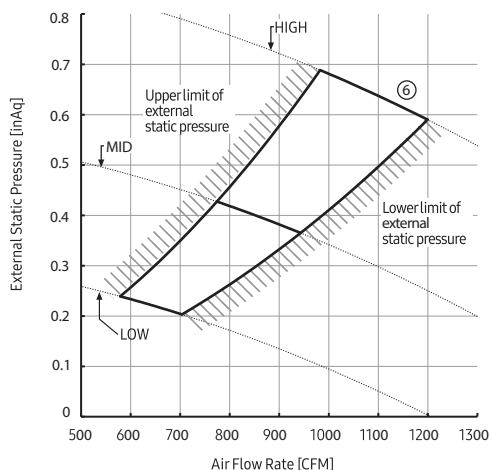
④	External Static Pressure(inAq)	Option Code
	0.39≤SP≤0.49	010054-1E589D-205858-331110



⑤	External Static Pressure(inAq)	Option Code
	0.49≤SP≤0.59	010054-1E59D0-205858-331110



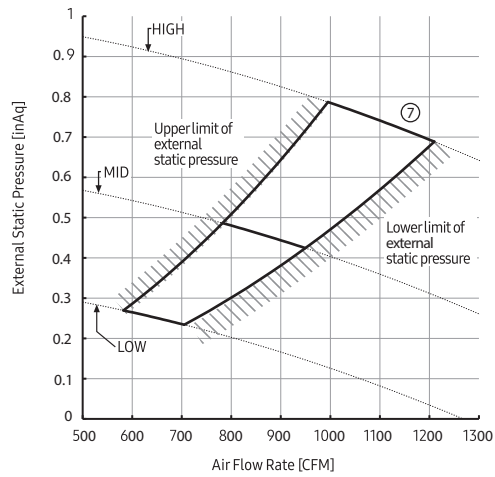
⑥	External Static Pressure(inAq)	Option Code
	0.59≤SP≤0.69	010054-1E5D03-205858-331110



Fan Characteristics

VHIC030S4-4P

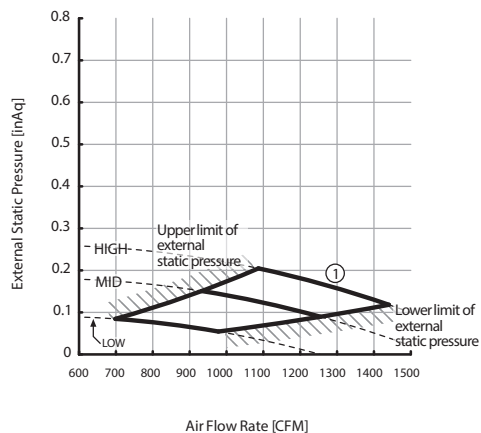
⑦	External Static Pressure(inAq)	Option Code
	0.69<SP≤0.79	010054-1E5D38-205858-331110



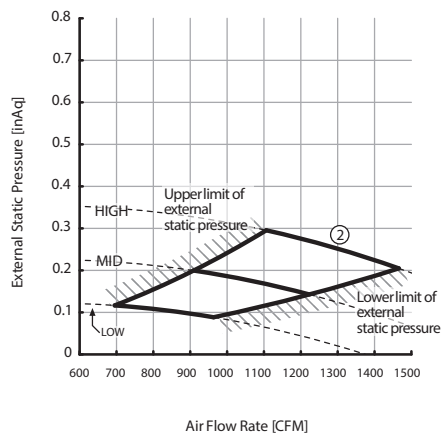
Fan Characteristics

VHIC036S4-4P

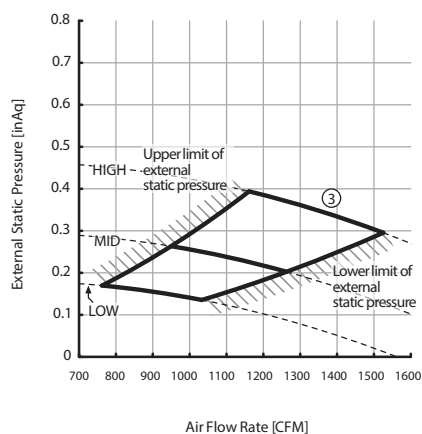
①	External Static Pressure(inAq)	Option Code
	$0.12 \leq SP \leq 0.20$	010054-1E5406-206A6A-331120



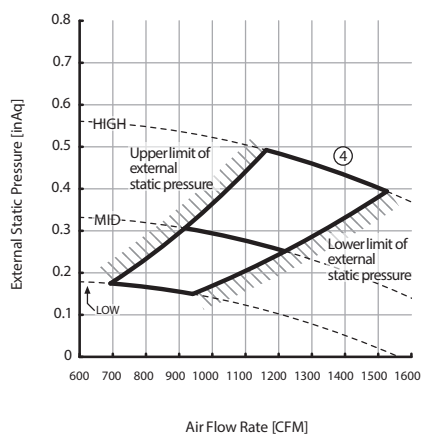
②	External Static Pressure(inAq)	Option Code
	$0.20 < SP \leq 0.30$	010054-1E5458-206A6A-331120



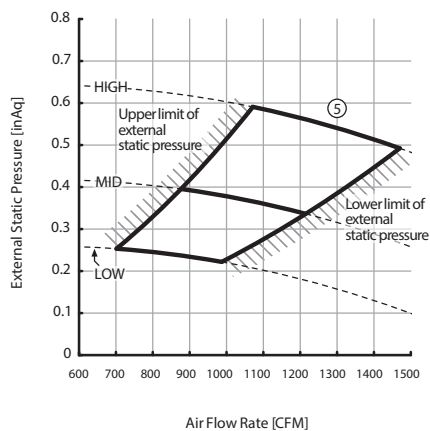
③	External Static Pressure(inAq)	Option Code
	$0.30 < SP \leq 0.39$	010054-1E54AB-206A6A-331120



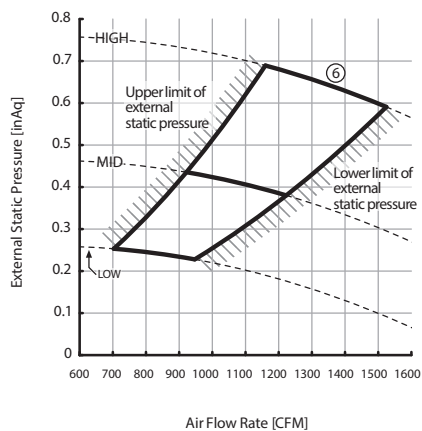
④	External Static Pressure(inAq)	Option Code
	$0.39 < SP \leq 0.49$	010054-1E54EB-206A6A-331120



⑤	External Static Pressure(inAq)	Option Code
	$0.49 < SP \leq 0.59$	010054-1E5910-206A6A-331120



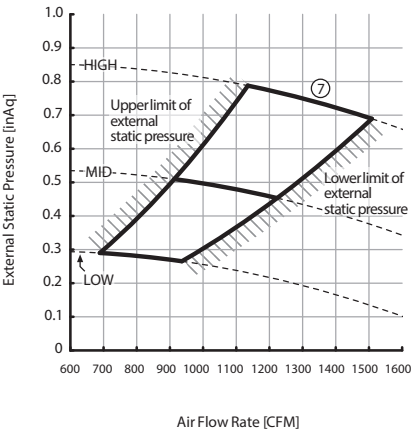
⑥	External Static Pressure(inAq)	Option Code
	$0.59 < SP \leq 0.69$	010054-1E5950-206A6A-331120



Fan Characteristics

VHIC036S4-4P

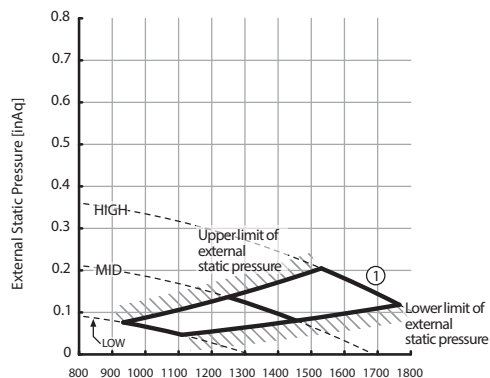
⑦	External Static Pressure(in Aq)	Option Code
	0.69<SP≤0.79	010054-1E5982-206A6A-331120



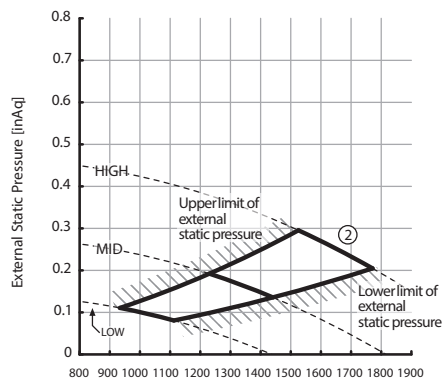
Fan Characteristics

VHIC048S4-4P

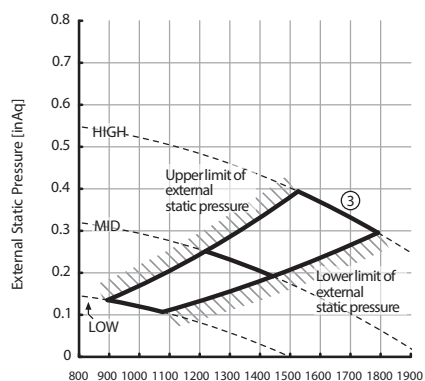
①	External Static Pressure(inAq)	Option Code
	0.12≤SP≤0.20	010054-1E5467-208D8D-331120



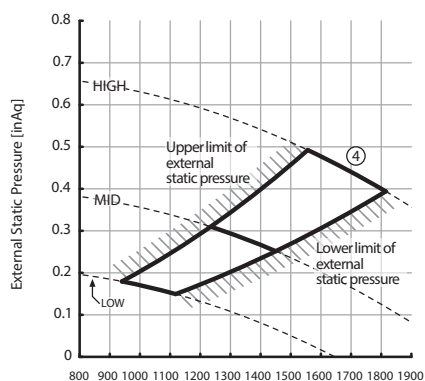
②	External Static Pressure(inAq)	Option Code
	0.20<SP≤0.30	010054-1E54A9-208D8D-331120



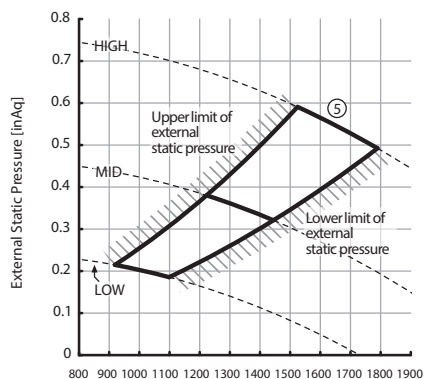
③	External Static Pressure(inAq)	Option Code
	0.30<SP≤0.39	010054-1E54EA-208D8D-331120



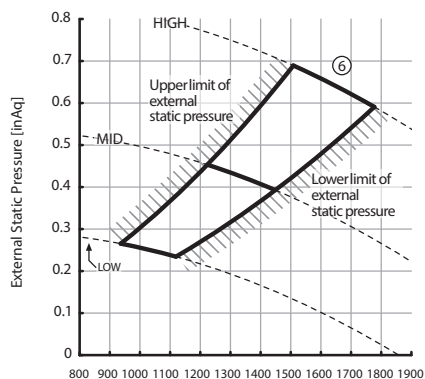
④	External Static Pressure(inAq)	Option Code
	0.39<SP≤0.49	010054-1E582D-208D8D-331120



⑤	External Static Pressure(inAq)	Option Code
	0.49<SP≤0.59	010054-1E585F-208D8D-331120



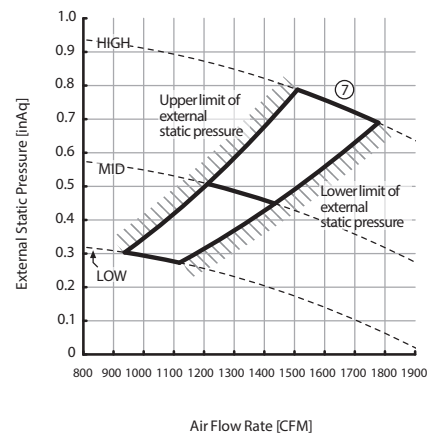
⑥	External Static Pressure(inAq)	Option Code
	0.59<SP≤0.69	010054-1E5982-208D8D-331120



Fan Characteristics

VHIC048S4-4P

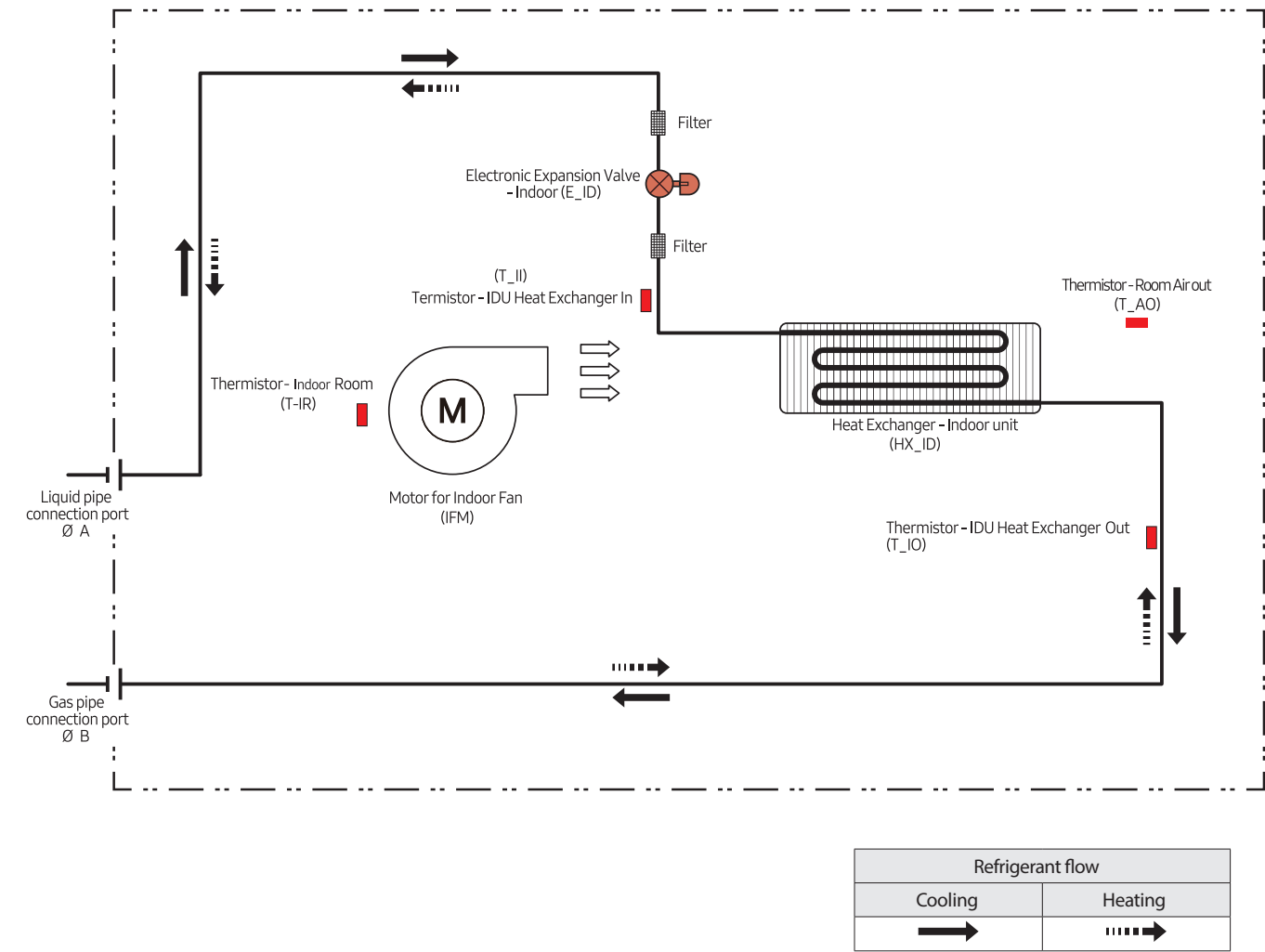
⑦	External Static Pressure(in Aq)	Option Code
	0.69<SP≤0.79	010054-1E59B4-208D8D-331120



Piping Diagram

Medium/High Static Duct

EEV included Model



Unit : mm (inch)

MODEL	A	B
VMDC006S4-4P	6.35 (1/4)	12.7 (1/2)
VMDC007S4-4P		
VMDC009S4-4P		
VMDC012S4-4P		
VMDC015S4-4P		
VMDC018S4-4P	9.52 (3/8)	15.88 (5/8)
VHIC024S4-4P		
VHIC027S4-4P		
VHIC030S4-4P		
VHIC036S4-4P		
VHIC048S4-4P		

Installation Clearances

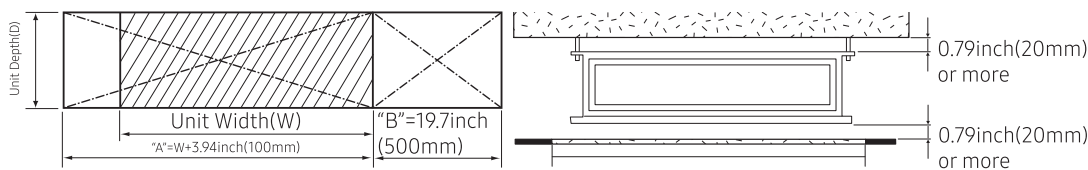
Selecting the installation location

Indoor Unit

- There must be no obstacles near the air inlet and outlet.
- Install the indoor unit on a ceiling that can support its weight.
- Maintain sufficient clearance around the indoor unit.
- Make sure that the water dripping from the drain hose runs away correctly and safely.
- The indoor unit must be installed in this way, that they are out of public access. (Not touchable by the users)
- After connecting a chamber, insulate the connection part between the indoor unit and the chamber with t10 or thicker insulation. Otherwise, there can be air leak or dew from the connection part.
- Rigid wall without vibration.
- Where it is not exposed to direct sunshine.
- Where the air filter can be removed and cleaned easily.

Space requirements for installation & service

- Construction Standard for Inspection Hole.
 - 1) In case, the ceiling is textile, Inspection hole dose not need.
 - 2) In case, the ceiling is plaster board, Inspection hole depends on Inside height of the ceiling.
 - a. Height is more than 1.64ft(0.5m) : Only "B" [Inspection for PBA] is applied.
 - b. Height is less than 1.64ft(0.5m) : Both "A" & "B" are applied.
 - c. "A" & "B" are inspection holes.



- You must have 0.79inch (20mm) or more space between the ceiling and the bottom of indoor unit. Otherwise, the noise from the vibration of indoor unit may bother the user. When the ceiling is under construction, the hole for check-up must be made to take service, clean and repair the unit.
- It is possible to install the unit at an height of between 7.3~8.3ft(2.2~2.5m) from the ground, if the unit has a duct with a well defined lenght (11.81inch(300mm) or more), to avoid fan motor blower contact.

