

VMDD

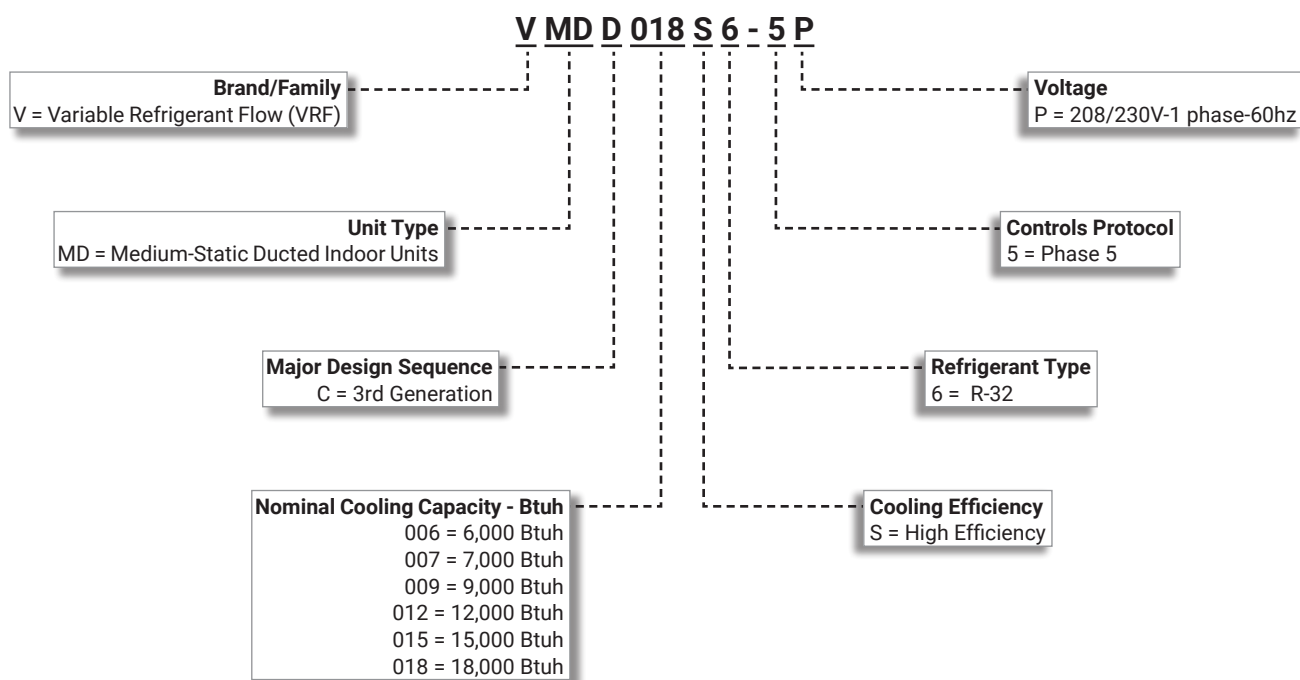
Medium-Static Concealed Ducted Indoor Units | **R-32** | 60Hz

6,000 to 18,000 Btuh

COMMERCIAL PRODUCT SPECIFICATIONS (EHB)



MODEL NUMBER IDENTIFICATION



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2. Specification

VMDD - Medium Static Duct

Model Name				VMDD006S6-5P	VMDD007S6-5P	VMDD009S6-5P
Power Supply			Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	Capacity	Cooling	Btu/h	6,300	7,500	9,500
			US RT	0.52	0.62	0.79
		Heating	Btu/h	7,100	8,500	10,500
			US RT	0.59	0.71	0.87
Power	Power Input	Cooling	W	38	38	39
		Heating	W	38	38	39
	Current Input	Cooling	A	0.30	0.30	0.30
		Heating	A	0.30	0.30	0.30
	Current	MCA	A	0.91	0.91	0.91
		MOP	A	15	15	15
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Blue Hydrophile	Blue Hydrophile	Blue Hydrophile
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Quantity		EA	2	2	2
	Air Flow Rate	High / Med / Low	CMM	9.0 / 8.0 / 7.0	9.0 / 8.0 / 7.0	10.0 / 9.0 / 8.0
			CFM	318 / 283 / 247	318 / 283 / 247	353 / 318 / 283
			l/s	150 / 133 / 117	150 / 133 / 117	167 / 150 / 133
	External Pressure	Min/Std/Max	mmAq	0 / 1 / 15	0 / 1 / 15	0 / 1 / 15
			Pa	0 / 9.8 / 147.1	0 / 9.8 / 147.1	0 / 9.8 / 147.1
			In Wg	0 / 0.04 / 0.59	0 / 0.04 / 0.59	0 / 0.04 / 0.59
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W × n	153 × 1	153 × 1	153 × 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)
	Heat insulation		-	Both liquid & gas pipes	Both liquid & gas pipes	Both liquid & gas pipes
Wiring Connections	Drain Pipe		Φ,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
	Communication	Min.	mm²	0.75	0.75	0.75
			AWG	18	18	18
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound Level	Sound Pressure Level	High / Med / Low	dB(A)	27/25/23	27/25/23	28/26/24
	Sound Power Level	Cooling	dB(A)	50	50	51
Dimensions	Net Weight		kg	27.0	27.0	27.0
			lbs	59.5	59.5	59.5
	Shipping Weight		kg	30.5	30.5	30.5
			lbs	67.2	67.2	67.2
	Net Dimensions (W×H×D)		mm	850 x 250 x 700	850 x 250 x 700	850 x 250 x 700
			inch	33.46 x 9.84 x 27.56	33.46 x 9.84 x 27.56	33.46 x 9.84 x 27.56
	Shipping Dimensions (W×H×D)		mm	1,064 x 320 x 784	1,064 x 320 x 784	1,064 x 320 x 784
Casing			inch	41.89 x 12.60 x 30.87	41.89 x 12.60 x 30.87	41.89 x 12.60 x 30.87
	Material		-	Steel	Steel	Steel
	Additional Accessories	Drain pump	External Model	-	-	-
			Internal Model	-	Built in	Built in
Max. lifting Height / Displacement			in / gal/h	29.53 / 6.34	29.53 / 6.34	29.53 / 6.34
Air Filter		-	-	-	-	

• Specification may be subject to change without prior notice.

1) Performances are based on the following test conditions.

- Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB

- Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB

- Equivalent refrigerant piping length 7.5m(24.6ft), Level differences : 0m(0ft)

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

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

4) Select wire size based on the value of MCA

2. Specification

VMDD - Medium Static Duct

Model Name				VMDD012S6-5P	VMDD015S6-5P	VMDD018S6-5P
Power Supply			Φ, #, V, Hz	1,2,208-230,60	1,2,208-230,60	1,2,208-230,60
Mode			-	HEAT PUMP	HEAT PUMP	HEAT PUMP
Performance	Capacity	Cooling	Btu/h	12,000	15,000	18,000
			US RT	1.00	1.25	1.50
		Heating	Btu/h	13,500	17,000	20,000
			US RT	1.12	1.42	1.67
Power	Power Input	Cooling	W	39	43	50
		Heating	W	39	43	50
	Current Input	Cooling	A	0.30	0.40	0.50
		Heating	A	0.30	0.40	0.50
	Current	MCA	A	0.91	1.29	2.14
		MOP	A	15	15	15
Heat Exchanger	Type		-	Fin & Tube	Fin & Tube	Fin & Tube
	Material	Fin	-	Al	Al	Al
		Tube	-	Cu	Cu	Cu
	Fin Treatment		-	Blue Hydrophile	Blue Hydrophile	Blue Hydrophile
Fan	Type		-	Sirocco Fan	Sirocco Fan	Sirocco Fan
	Quantity		EA	2	2	3
	Air Flow Rate	High / Med / Low	CMM	12.0 / 10.0 / 8.5	14.0 / 11.0 / 10.0	19.0 / 16.0 / 13.0
			CFM	424 / 353 / 300	494 / 388 / 353	671 / 565 / 459
			l/s	200 / 167 / 142	233 / 183 / 167	317 / 267 / 217
	External Pressure	Min/Std/Max	mmAq	0 / 1 / 15	0 / 1 / 15	0 / 1 / 20
			Pa	0 / 9.8 / 147.1	0 / 9.8 / 147.1	0 / 9.8 / 196.1
			In Wg	0 / 0.04 / 0.59	0 / 0.04 / 0.59	0 / 0.04 / 0.79
Fan Motor	Type		-	BLDC	BLDC	BLDC
	Output		W × n	153 × 1	153 × 1	153 × 1
Piping Connections	Liquid Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	6.35 (1/4)	6.35 (1/4)	6.35 (1/4)
	Gas Pipe		Type	Flare connection	Flare connection	Flare connection
			Φ, mm (inch)	12.70 (1/2)	12.70 (1/2)	12.70 (1/2)
	Heat insulation		-	Both liquid & gas pipes	Both liquid & gas pipes	Both liquid & gas pipes
	Drain Pipe		Φ,mm	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)	VP25 (OD 32,ID 25)
Wiring Connections	Communication	Min.	mm²	0.75	0.75	0.75
			AWG	18	18	18
		Remark	-	F1, F2	F1, F2	F1, F2
Refrigerant	Type		-	R32	R32	R32
	Control Method		-	EEV INCLUDED	EEV INCLUDED	EEV INCLUDED
Sound Level	Sound Pressure Level	High / Med / Low	dB(A)	29/27/25	31/28/25	33/29/26
	Sound Power Level	Cooling	dB(A)	51	53	59
Dimensions	Net Weight		kg	27.0	27.0	34.2
			lbs	59.5	59.5	75.4
	Shipping Weight		kg	30.5	30.5	38.9
			lbs	67.2	67.2	85.8
	Net Dimensions (W×H×D)		mm	850 x 250 x 700	850 x 250 x 700	1,200 x 250 x 700
			inch	33.46 x 9.84 x 27.56	33.46 x 9.84 x 27.56	47.24 x 9.84 x 27.56
	Shipping Dimensions (W×H×D)		mm	1,064 x 320 x 784	1,064 x 320 x 784	1,429 x 320 x 779
			inch	41.89 x 12.60 x 30.87	41.89 x 12.60 x 30.87	56.26 x 12.60 x 30.67
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	29.53 / 6.34	29.53 / 6.34	29.53 / 6.34
	Air Filter		-	-	-	-

• Specification may be subject to change without prior notice.

1) Performances are based on the following test conditions.

- Cooling : Indoor temperature : 80°F(26.7°C) DB, 67°F(19.4°C) WB, Outdoor temperature : 95°F(35°C) DB, 75°F(23.9°C) WB

- Heating : Indoor temperature : 70°F(21.1°C) DB, 60°F(15.6°C) WB, Outdoor temperature : 47°F(8.3°C) DB, 43°F(6.1°C) WB

- Equivalent refrigerant piping length 7.5m(24.6ft), Level differences : 0m(0ft)

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

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

4) Select wire size based on the value of MCA

3. Summary Table

VMDD - Medium Static Duct

Performance Characteristics

Model Code	Net Weight (lbs)	Fan Speed	Nominal Capacity(Btu/h)			Airflow (CFM)	Sound Pressure (dBA)	Sound Power (dBA)	Static Pressure (Min/Std/Max) [inAq]
			Cooling	Sensible	Heating				
VMDD006S6-5P	59.5	High	6,300	4,600	7,100	318	27	50	0.00/0.04/0.59
		Mid	5,700	4,200	6,700	283	25	-	
		Low	5,000	3,700	6,300	247	23	-	
VMDD007S6-5P	59.5	High	7,500	5,800	8,500	318	27	50	0.00/0.04/0.59
		Mid	6,800	5,300	8,000	283	25	-	
		Low	6,000	4,600	7,500	247	23	-	
VMDD009S6-5P	59.5	High	9,500	7,400	10,500	353	28	51	0.00/0.04/0.59
		Mid	8,700	6,800	10,000	318	26	-	
		Low	7,800	6,100	9,400	283	24	-	
VMDD012S6-5P	59.5	High	12,000	9,100	13,500	424	29	51	0.00/0.04/0.59
		Mid	10,200	7,700	12,300	353	27	-	
		Low	8,800	6,700	11,400	300	25	-	
VMDD015S6-5P	59.5	High	15,000	11,400	17,000	494	31	53	0.00/0.04/0.59
		Mid	12,100	9,200	15,100	388	28	-	
		Low	11,100	8,400	14,400	353	25	-	
VMDD018S6-5P	75.4	High	18,000	13,800	20,200	671	33	59	0.00/0.04/0.79
		Mid	15,500	11,900	18,400	565	29	-	
		Low	12,700	9,700	16,500	459	26	-	

NOTE

- Sound data is based on cooling operation.

Electric Characteristics

Indoor Unit	Power Supply (Ø, #, V, Hz)	Power Input (W)	Current Input (A)	MCA (A)	MFA (A)	FLA (A)
VMDD006S6-5P	1,2,208~230,60	38	0.3	0.91	15	0.73
VMDD007S6-5P	1,2,208~230,60	38	0.3	0.91	15	0.73
VMDD009S6-5P	1,2,208~230,60	39	0.3	0.91	15	0.73
VMDD012S6-5P	1,2,208~230,60	39	0.3	0.91	15	0.73
VMDD015S6-5P	1,2,208~230,60	43	0.4	1.29	15	1.03
VMDD018S6-5P	1,2,208~230,60	50	0.5	2.14	15	1.71

NOTE

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

4. Capacity Table

VMDD - Medium Static Duct

Cooling

TC : Total Capacity, SHC : Sensible Heat Capacity

Model	Outdoor temperature (°F, DB)	Indoor temperature (°F, DB / WB)													
		57		61		64		67		70		72		75	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
		MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH	MBH
VMDD006S6-5P	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
VMDD007S6-5P	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
VMDD009S6-5P	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
VMDD012S6-5P	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
VMDD015S6-5P	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
VMDD018S6-5P	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

Heating

TC : Total Capacity

Model	Outdoor temperature (°F, DB)		Indoor temperature (°F, DB)				
			61	65	70	72	75
			TC	TC	TC	TC	TC
	DB	WB	MBH	MBH	MBH	MBH	MBH
VMDD006S6-5P	47	43	7.6	7.5	7.1	6.8	6.3
VMDD007S6-5P	47	43	9.6	9.2	8.5	7.9	7.5
VMDD009S6-5P	47	43	10.9	10.5	10.5	9.9	8.9
VMDD012S6-5P	47	43	13.9	13.9	13.5	12.5	11.5
VMDD015S6-5P	47	43	17.4	17.4	17.0	15.7	14.3
VMDD018S6-5P	47	43	21.5	21.2	20.0	19.1	17.8

NOTE

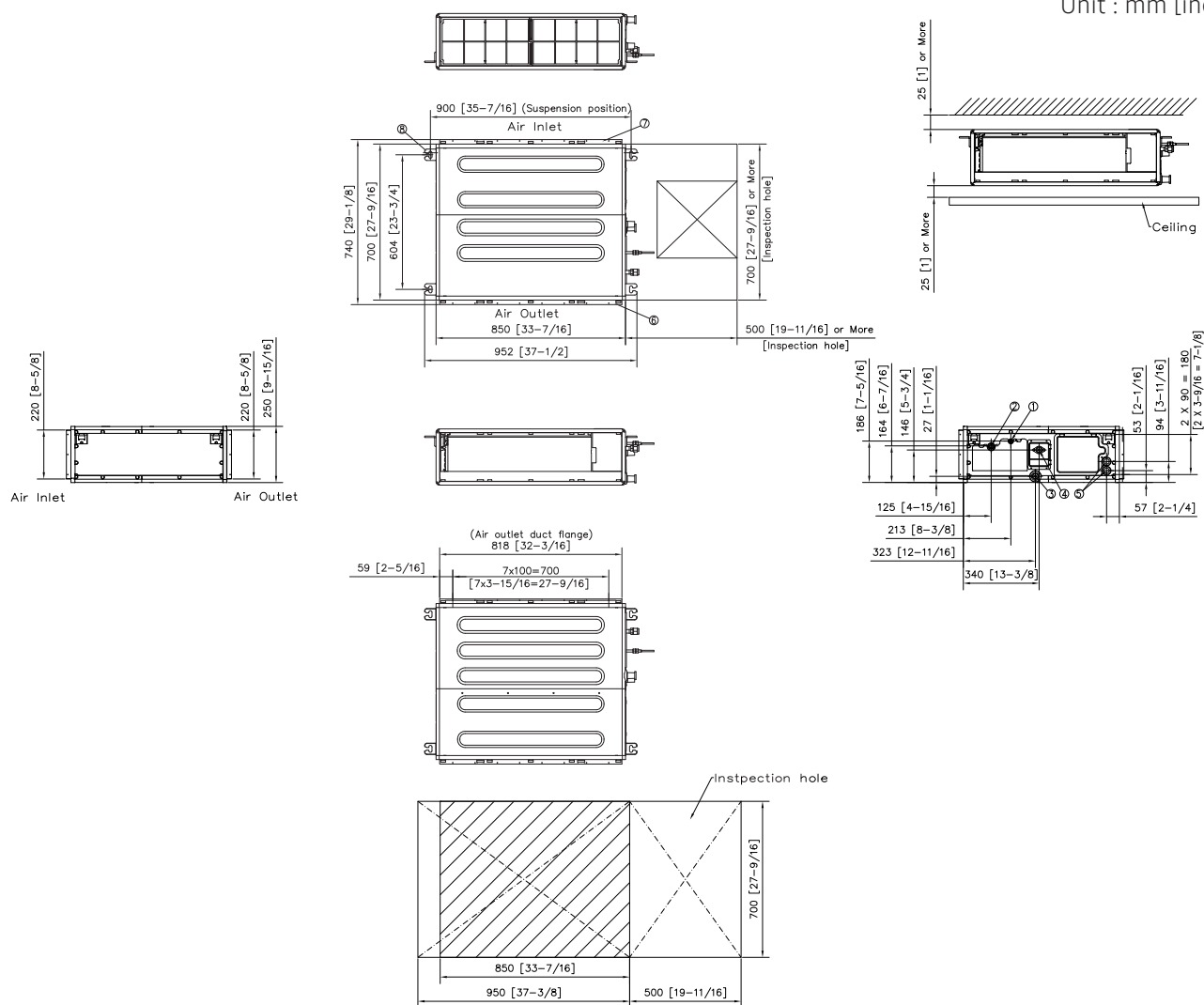
- The performance table shows the average value of each conditions.

5. Dimensional Drawing

VMDD - Medium Static Duct

VMDD006S6-5P, VMDD007S6-5P, VMDD009S6-5P, VMDD012S6-5P, VMDD015S6-5P

Unit : mm [inch]



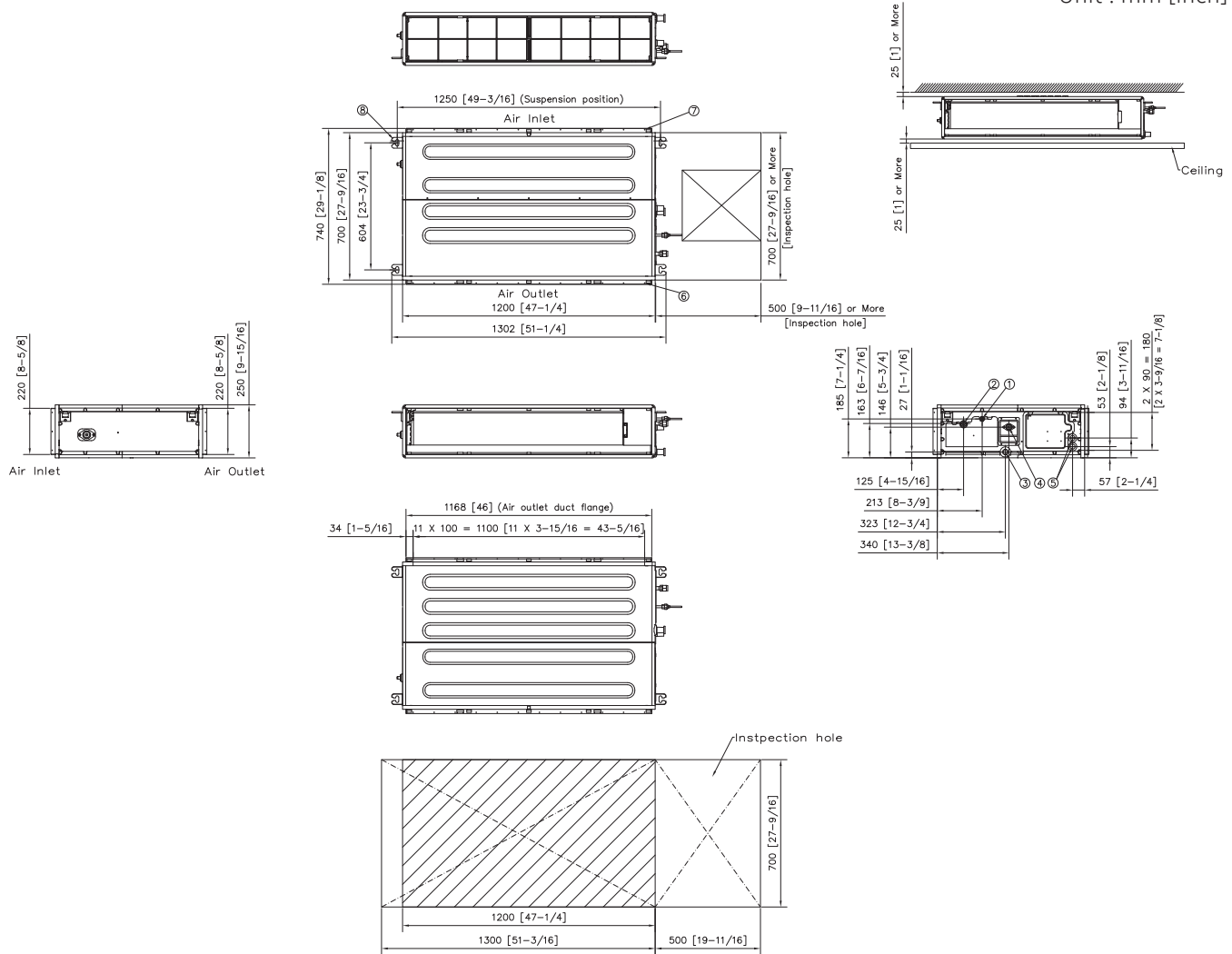
N.o	Name	Description
1	Liquid pipe connection	Ø6.35 (1/4)
2	Gas pipe connection	Φ12.70 (1/2)
3	Drain pipe connection (Without drain pump)	VP25 (OD 32, ID 25)
4	Drain pipe connection (With drain pump)	-
5	Power & Communication Conduits	-
6	Air discharge grille flange	-
7	Return Air Side	-
8	Hook	Ø9.52 or M10

5. Dimensional Drawing

VMDD - Medium Static Duct

VMDD018S6-5P

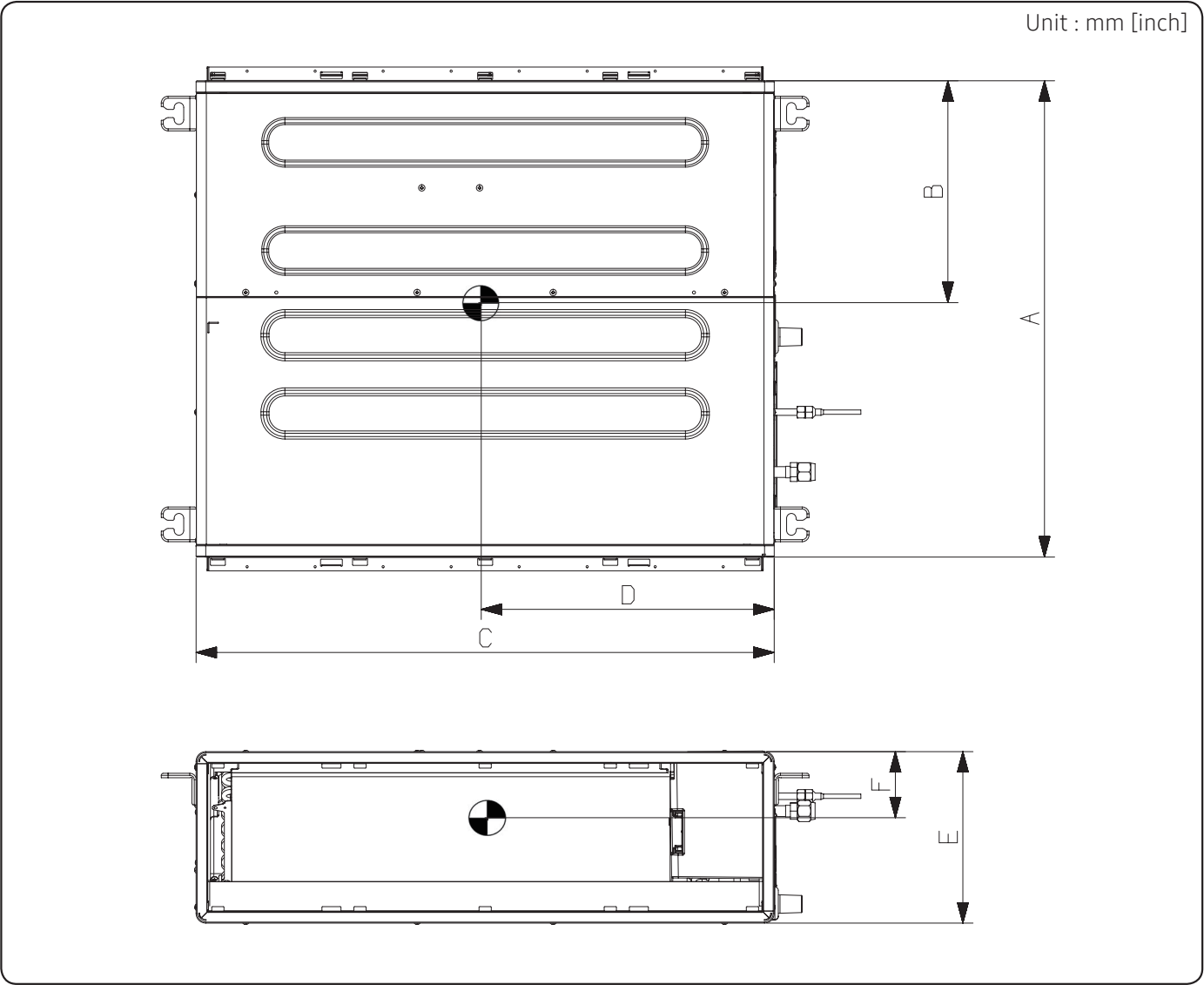
Unit : mm [inch]



N.o	Name	Description
1	Liquid pipe connection	Ø6.35 (1/4)
2	Gas pipe connection	Φ12.70 (1/2)
3	Drain pipe connection (Without drain pump)	VP25 (OD 32, ID 25)
4	Drain pipe connection (With drain pump)	-
5	Power & Communication Conduits	-
6	Air discharge grille flange	-
7	Return Air Side	-
8	Hook	Ø9.52 or M10

6. Center of Gravity

VMDD - Medium Static Duct



Model	A	B	C	D	E	F
VMDD006S6-5P VMDD007S6-5P VMDD009S6-5P VMDD012S6-5P VMDD015S6-5P	700 [27-9/16]	335 [14]	900 [35-7/16]	405 [15-15/16]	250 [9-13/16]	125 [4-15/16]
VMDD018S6-5P	700 [27-9/16]	265 [10-7/16]	1200 [47-1/4]	540 [21-17/64]	250 [9-13/16]	125 [4-15/16]

VMDD - Medium Static Duct



 NOTE

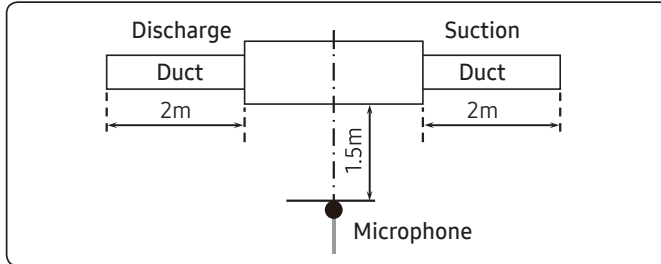
- This wiring diagram applies only to the Indoor unit.
- Symbols show as follow :
blk: black, red: red, blu: blue, wht: white, yel: yellow, brn: brown, sky: skyblue: grn: green
- For connection wiring indoor-outdoor transmission F1-F2, indoor-wired remote controller transmission F3-F4.
-  Protective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

8. Sound Data

VMDD - Medium Static Duct

Sound Pressure level

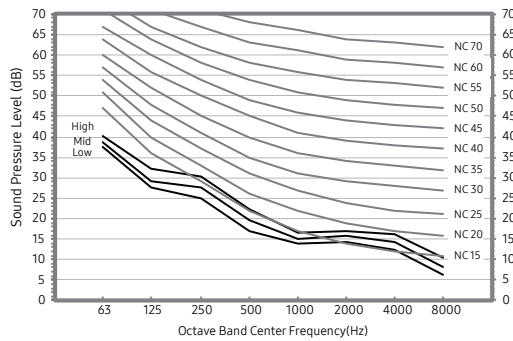
Unit: dB(A)



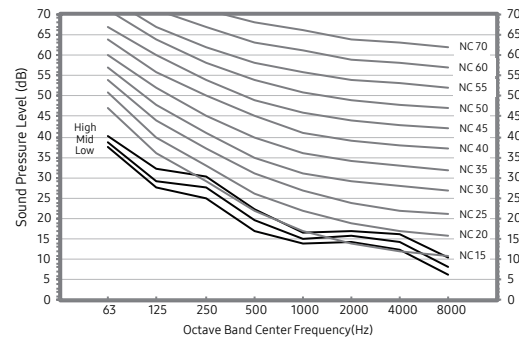
Model	High	MID	LOW
VMDD006S6-5P	27	25	23
VMDD007S6-5P	27	25	23
VMDD009S6-5P	28	26	24
VMDD012S6-5P	29	27	25

• NC Curve

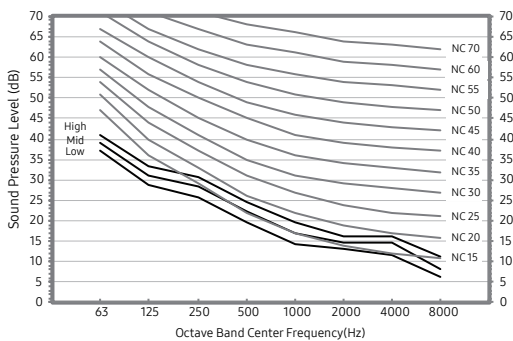
1) VMDD006S6-5P



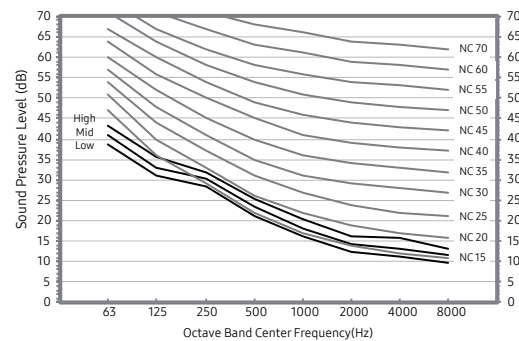
2) VMDD007S6-5P



3) VMDD009S6-5P



4) VMDD012S6-5P



NOTE

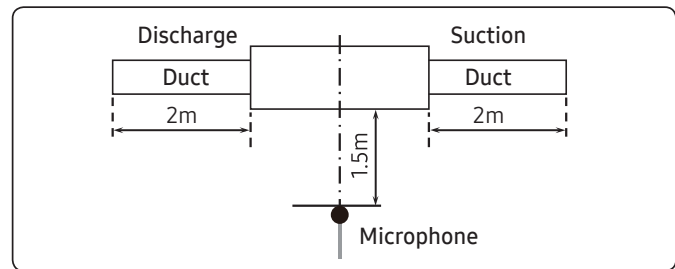
- Specifications may be subject to change without prior notice.
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
 - Sound pressure level may differ depending on operation condition.
 - dBA = A weighted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

8. Sound Data

VMDD - Medium Static Duct

Sound Pressure level

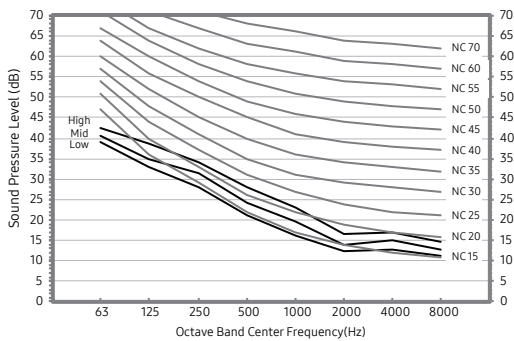
Unit: dB(A)



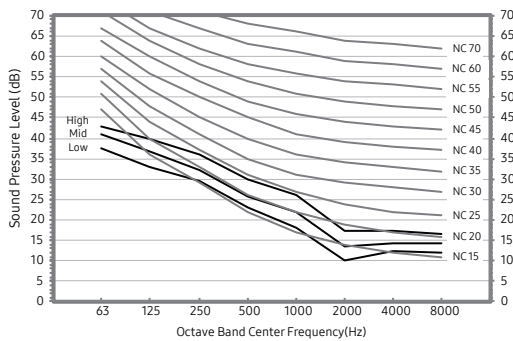
Model	High	MID	LOW
VMDD015S6-5P	31	28	25
VMDD018S6-5P	33	29	26

• NC Curve

5) VMDD015S6-5P



6) VMDD018S6-5P



NOTE

- Specifications may be subject to change without prior notice.
 - Sound pressure level is obtained in an anechoic room.
 - Sound pressure level is a relative value, depending on the distance and acoustic environment.
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 - dBA = A weighted sound pressure level
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8. Sound Data

VMDD - Medium Static Duct

Sound Power level

 NOTE

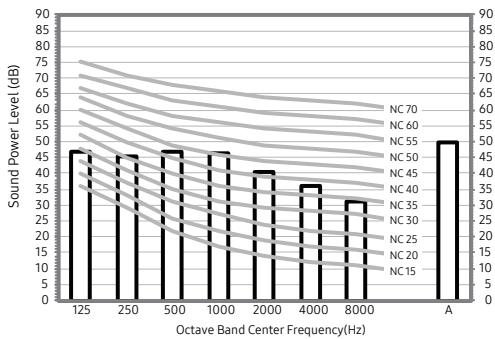
Unit: dB(A)

- 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.

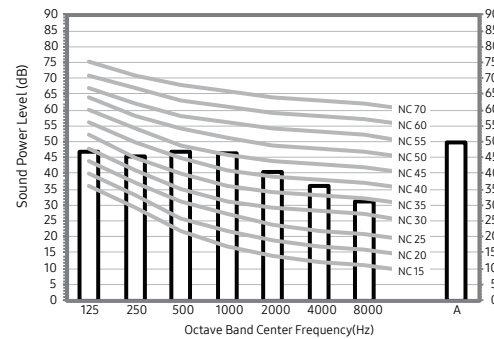
Model	Power
VMDD006S6-5P	50
VMDD007S6-5P	50
VMDD009S6-5P	51
VMDD012S6-5P	51

• NC Curve

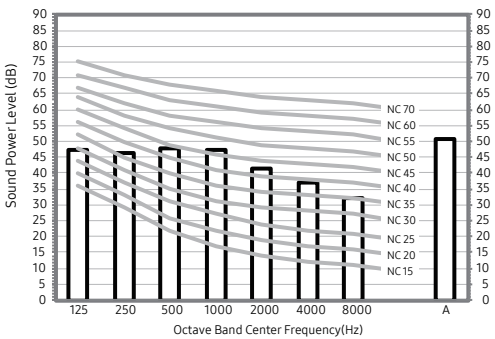
1) VMDD006S6-5P



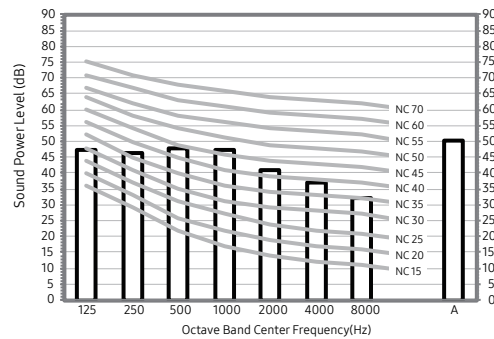
2) VMDD007S6-5P



3) VMDD009S6-5P



4) VMDD012S6-5P



8. Sound Data

VMDD - Medium Static Duct

Sound Power level

 NOTE

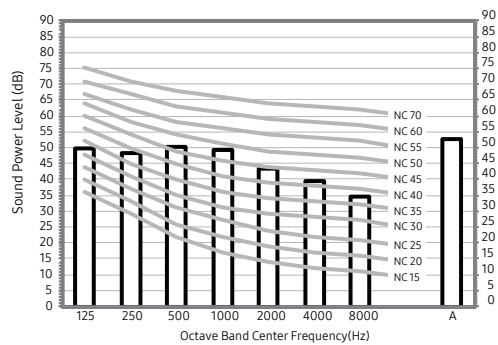
Unit: dB(A)

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 - 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.

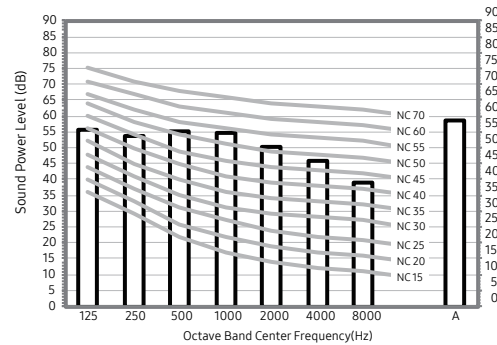
Model	Power
VMDD015S6-5P	53
VMDD018S6-5P	59

- NC Curve

5) VMDD015S6-5P



6) VMDD018S6-5P

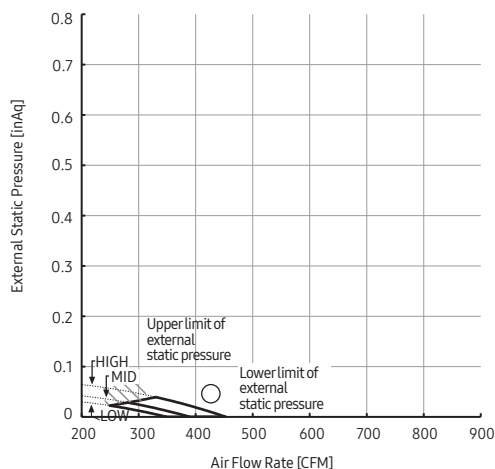


9. Fan Characteristics

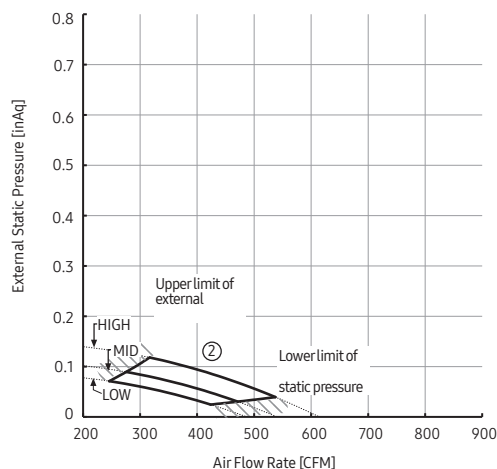
VMDD - Medium Static Duct

VMDD006S6-5P

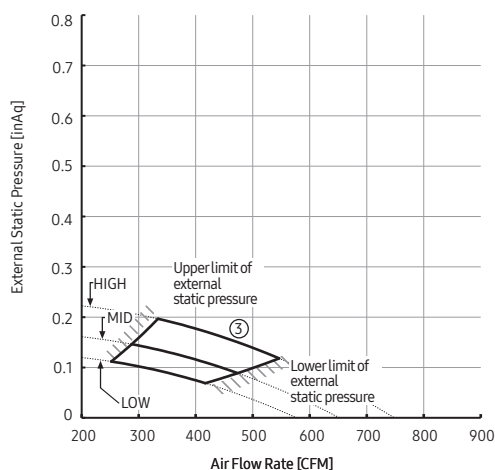
①	External Static Pressure(inAq)	Option Code
	$0 \leq SP \leq 0.04$	010054-1E5051-201313-331100



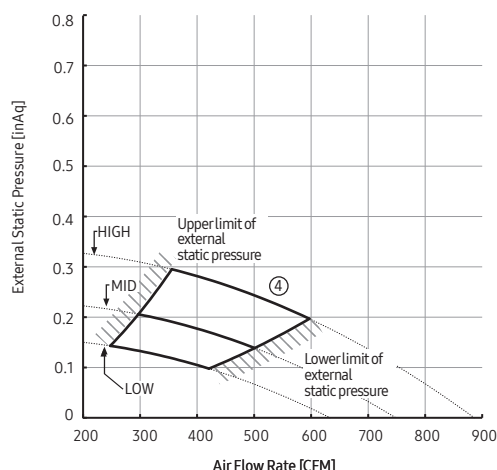
②	External Static Pressure(inAq)	Option Code
	$0.04 < SP \leq 0.12$	010054-1E50B5-201313-331100



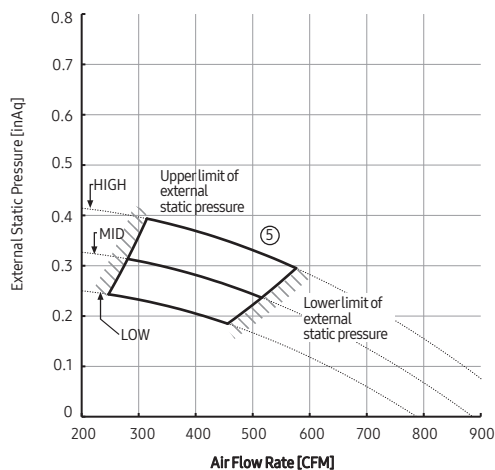
③	External Static Pressure(inAq)	Option Code
	$0.12 < SP \leq 0.20$	010054-1E5419-201313-331100



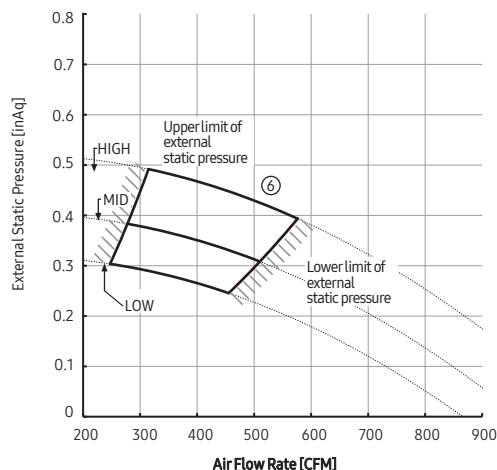
④	External Static Pressure(inAq)	Option Code
	$0.20 < SP \leq 0.30$	010054-1E548D-201313-331100



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

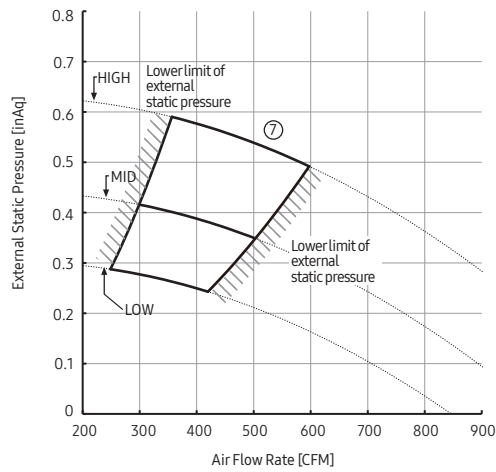


9. Fan Characteristics

VMDD - Medium Static Duct

VMDD006S6-5P

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

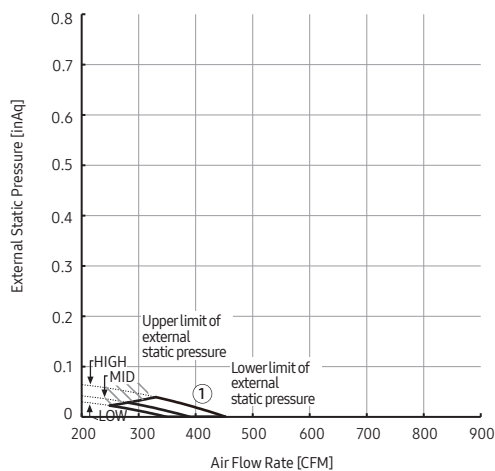


9. Fan Characteristics

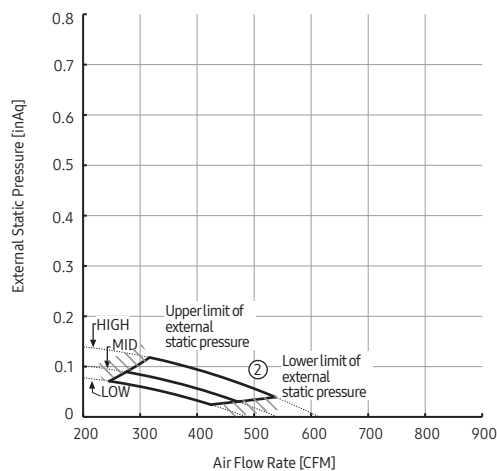
VMDD - Medium Static Duct

VMDD007S6-5P

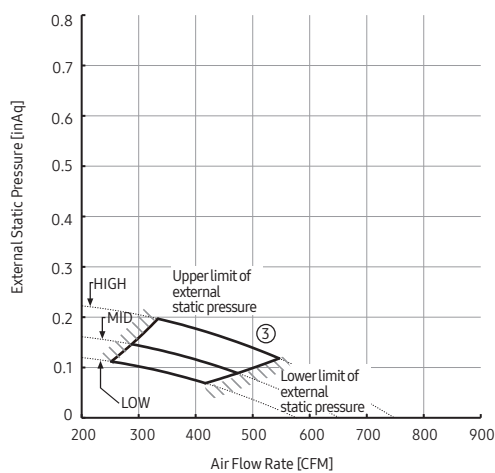
①	External Static Pressure(inAq)	Option Code
	$0 \leq SP \leq 0.04$	010054-1E5051-201616-331100



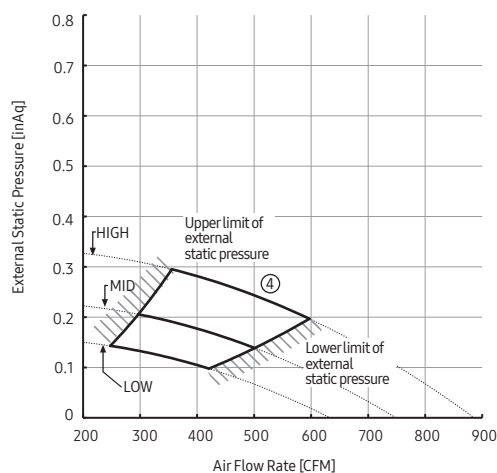
②	External Static Pressure(inAq)	Option Code
	$0.04 < SP \leq 0.12$	010054-1E50B5-201616-331100



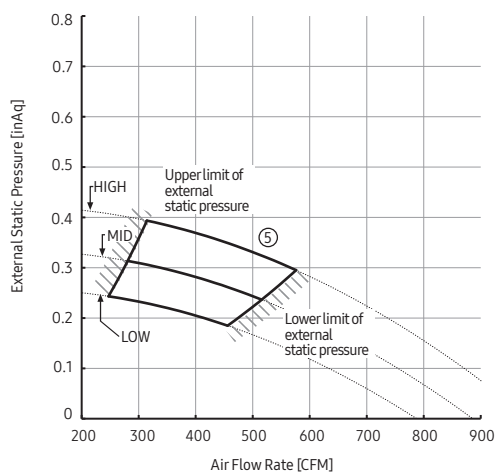
③	External Static Pressure(inAq)	Option Code
	$0.12 < SP \leq 0.20$	010054-1E5419-201616-331100



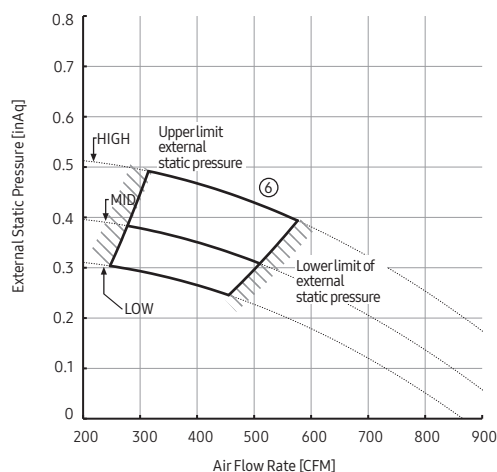
④	External Static Pressure(inAq)	Option Code
	$0.20 < SP \leq 0.30$	010054-1E548D-201616-331100



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

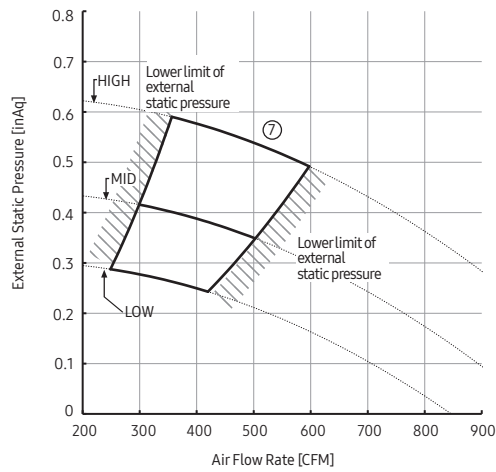


9. Fan Characteristics

VMDD - Medium Static Duct

VMDD007S6-5P

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

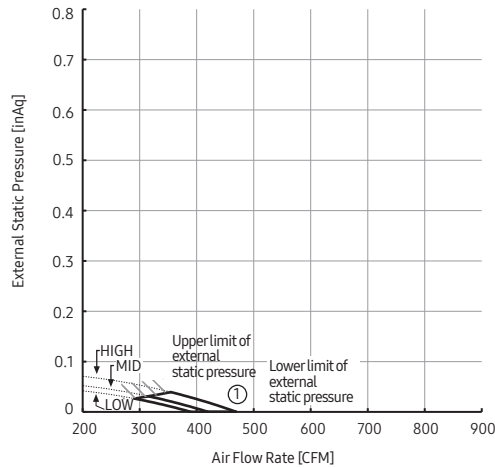


9. Fan Characteristics

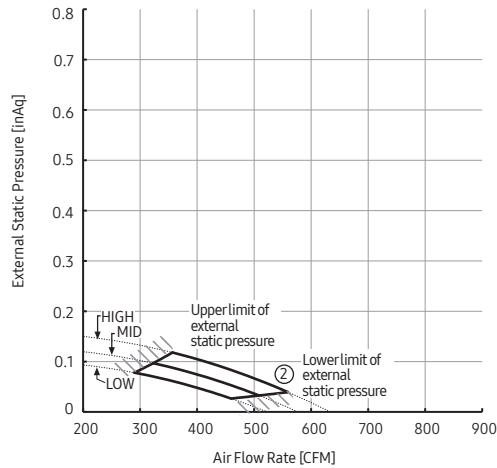
VMDD - Medium Static Duct

VMDD009S6-5P

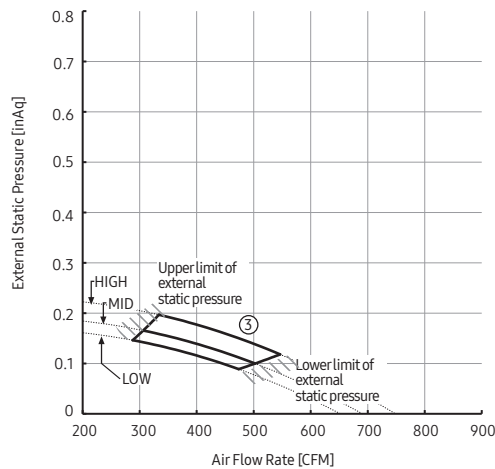
①	External Static Pressure(inAq)	Option Code
	$0 \leq SP \leq 0.04$	010054-1E5061-201C1C-331100



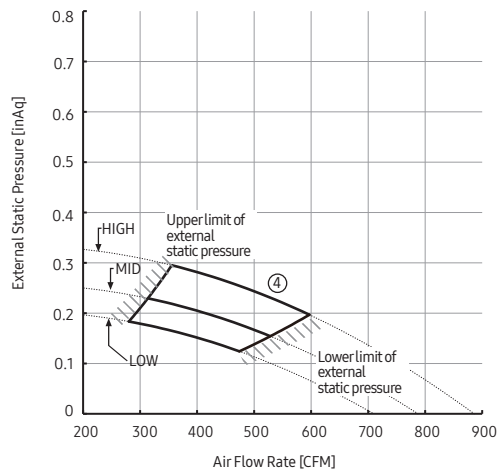
②	External Static Pressure(inAq)	Option Code
	$0.04 < SP \leq 0.12$	010054-1E50C6-201C1C-331100



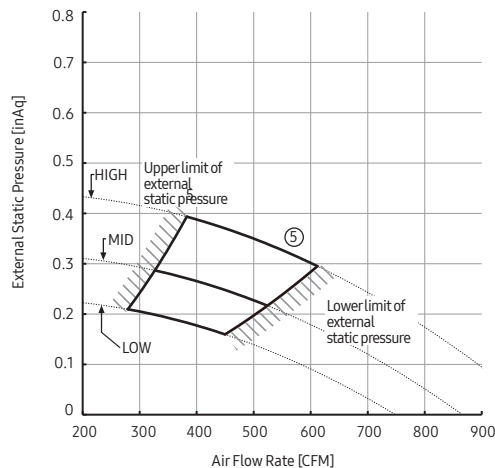
③	External Static Pressure(inAq)	Option Code
	$0.12 < SP \leq 0.20$	010054-1E542A-201C1C-331100



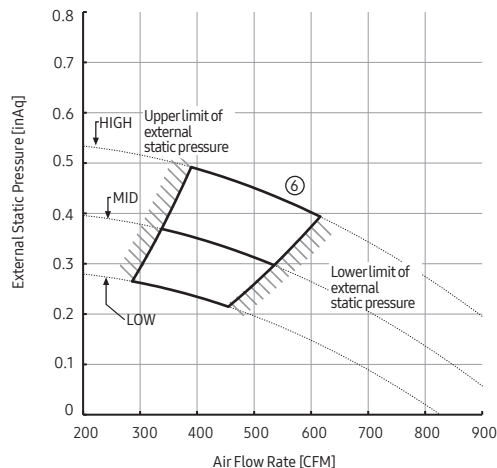
④	External Static Pressure(inAq)	Option Code
	$0.20 < SP \leq 0.30$	010054-1E549D-201C1C-331100



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

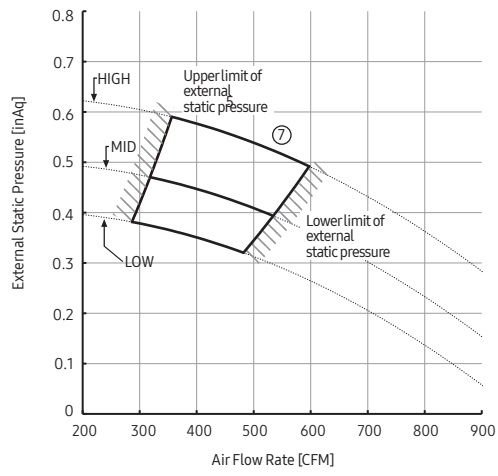


9. Fan Characteristics

VMDD - Medium Static Duct

VMDD009S6-5P

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

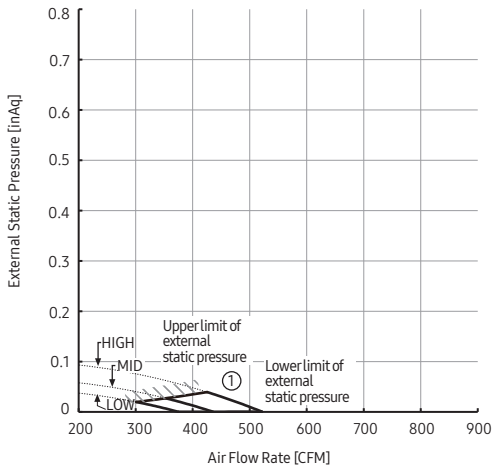


9. Fan Characteristics

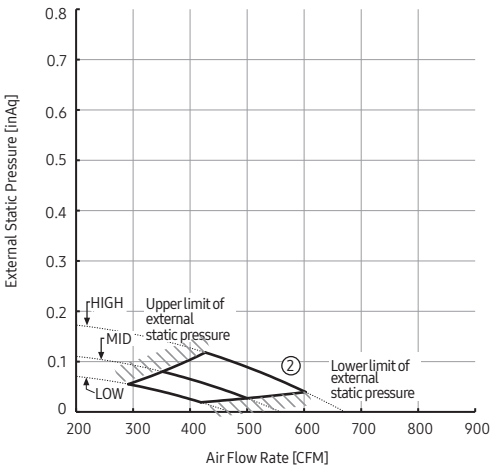
VMDD - Medium Static Duct

VMDD012S6-5P

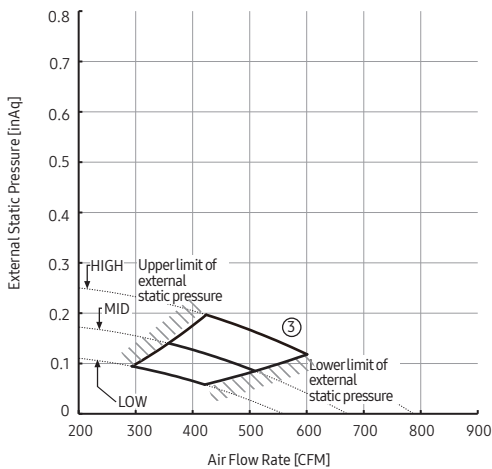
①	External Static Pressure(inAq)	Option Code
	0≤SP≤0.04	010054-1E5062-202323-331100



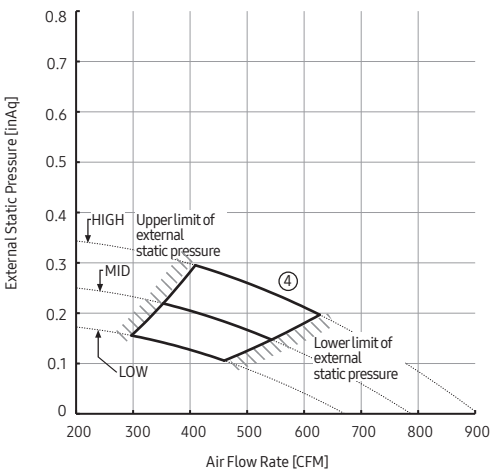
②	External Static Pressure(inAq)	Option Code
	0.04<SP≤0.12	010054-1E50C7-202323-331100



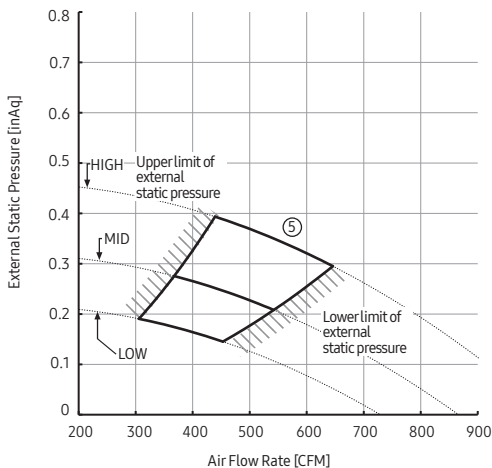
③	External Static Pressure(inAq)	Option Code
	0.12<SP≤0.20	010054-1E542A-202323-331100



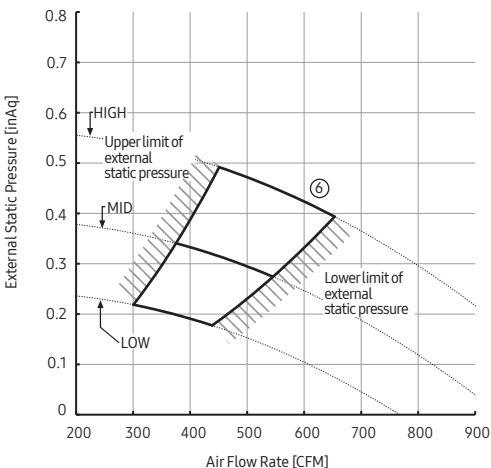
④	External Static Pressure(inAq)	Option Code
	0.20<SP≤0.30	010054-1E549E-202323-331100



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



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

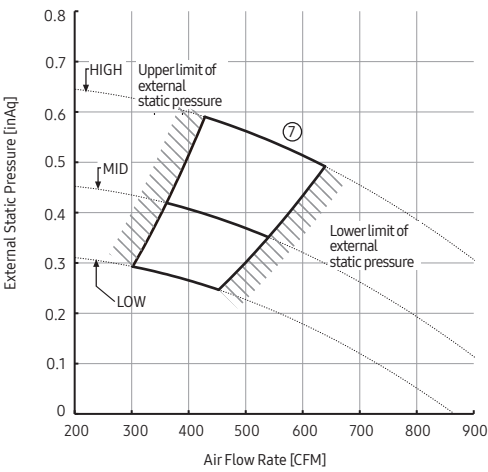


9. Fan Characteristics

VMDD - Medium Static Duct

VMDD012S6-5P

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

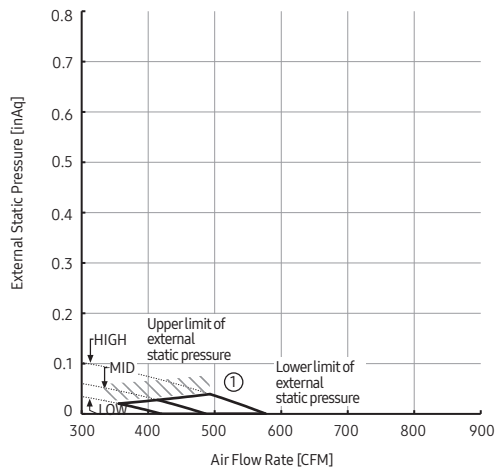


9. Fan Characteristics

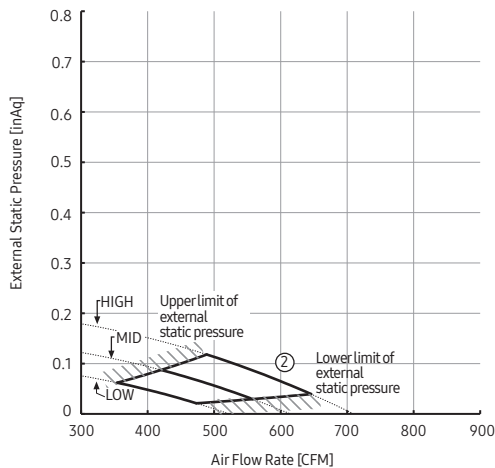
VMDD - Medium Static Duct

VMDD015S6-5P

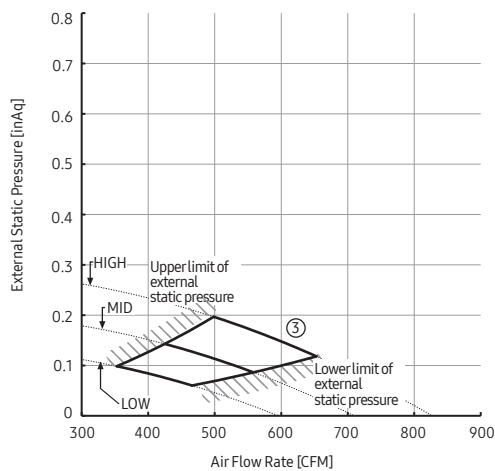
①	External Static Pressure(inAq)	Option Code
	$0 \leq SP \leq 0.04$	010054-1E5082-202C2C-331100



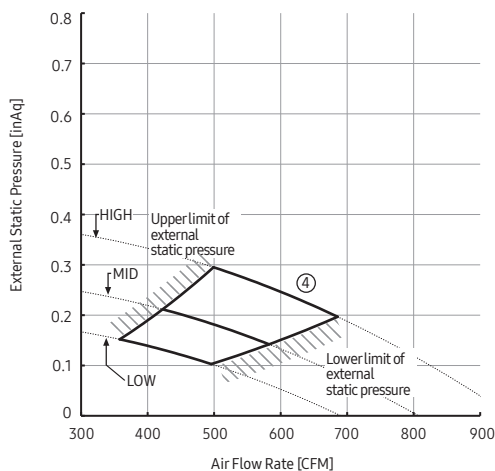
②	External Static Pressure(inAq)	Option Code
	$0.04 < SP \leq 0.12$	010054-1E50E6-202C2C-331100



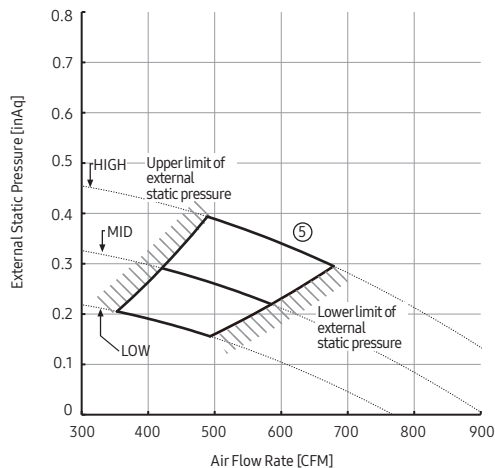
③	External Static Pressure(inAq)	Option Code
	$0.12 < SP \leq 0.20$	010054-1E5449-202C2C-331100



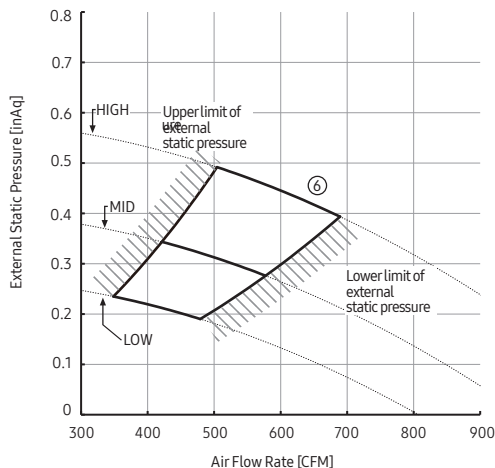
④	External Static Pressure(inAq)	Option Code
	$0.20 < SP \leq 0.30$	010054-1E54AD-202C2C-331100



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

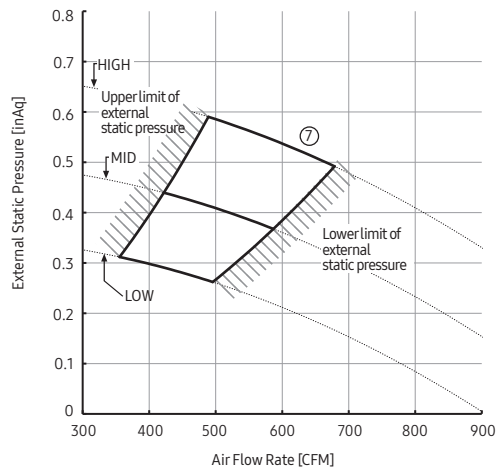


9. Fan Characteristics

VMDD - Medium Static Duct

VMDD015S6-5P

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

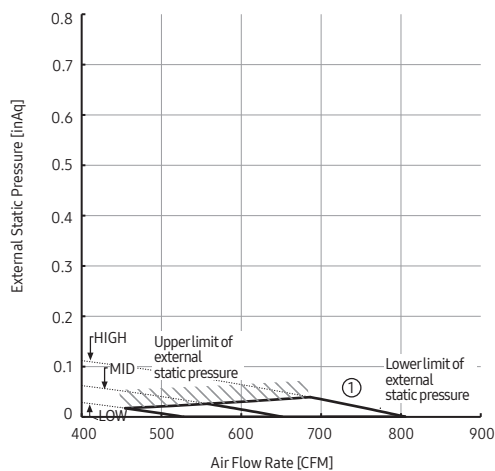


9. Fan Characteristics

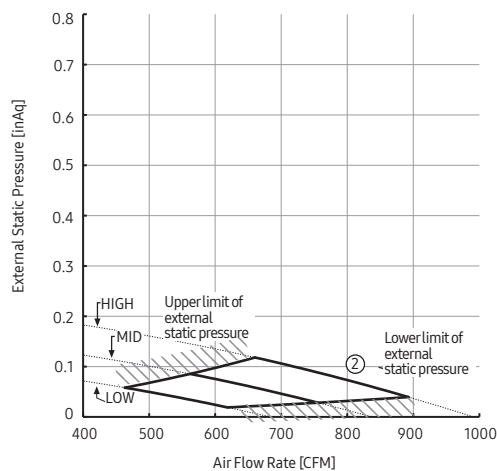
VMDD - Medium Static Duct

VMDD018S6-5P

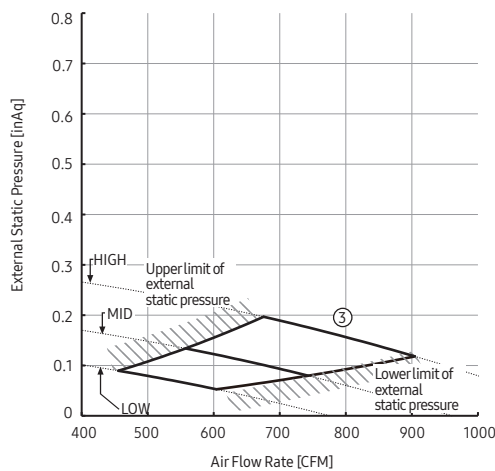
①	External Static Pressure(inAq)	Option Code
	$0 \leq SP \leq 0.04$	010054-1E5084-203535-331110



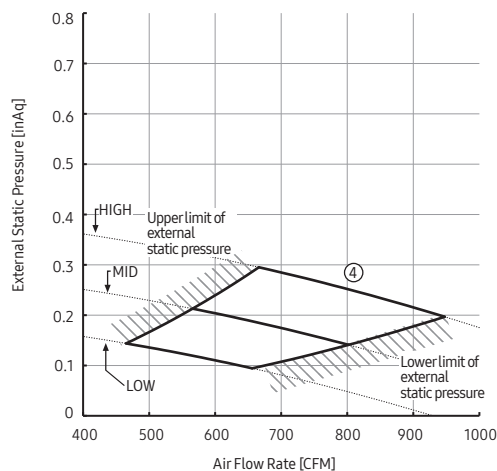
②	External Static Pressure(inAq)	Option Code
	$0.04 < SP \leq 0.12$	010054-1E50C7-203535-331110



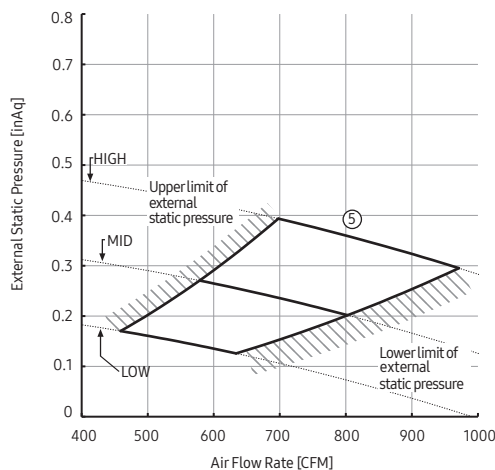
③	External Static Pressure(inAq)	Option Code
	$0.12 < SP \leq 0.28$	010054-1E547B-203535-331110



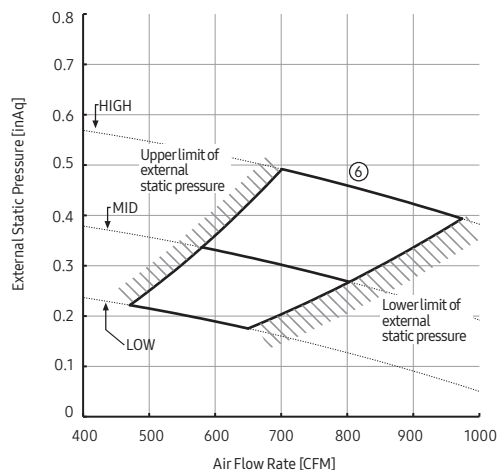
④	External Static Pressure(inAq)	Option Code
	$0.28 < SP \leq 0.43$	010054-1E5900-203535-331110



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

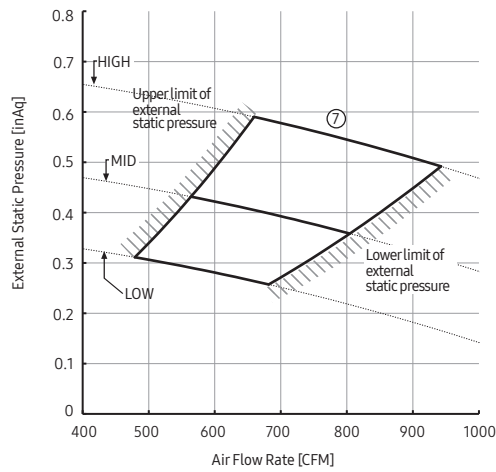


9. Fan Characteristics

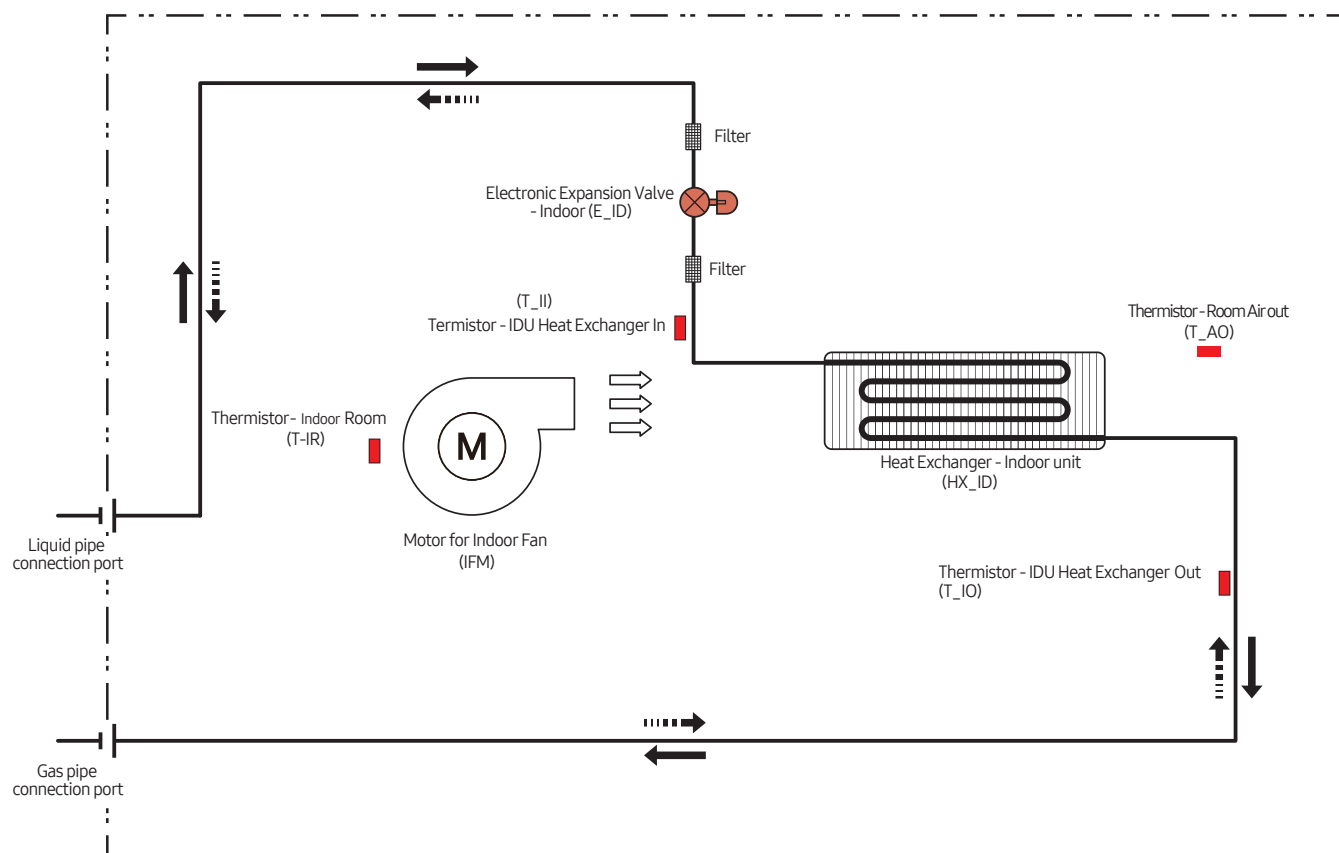
VMDD - Medium Static Duct

VMDD018S6-5P

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



VMDD - Medium Static Duct



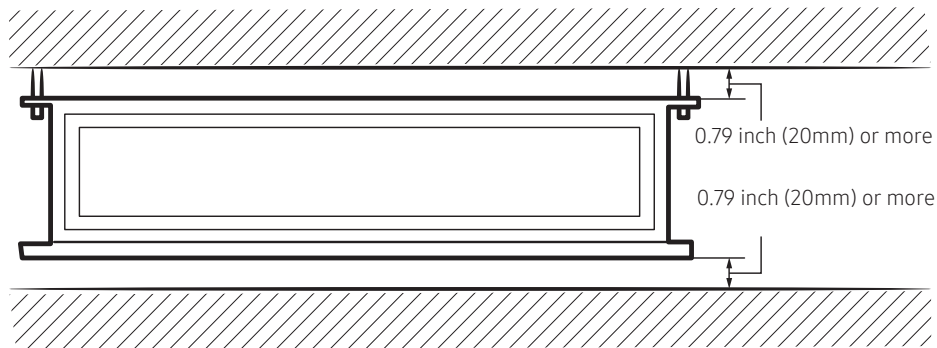
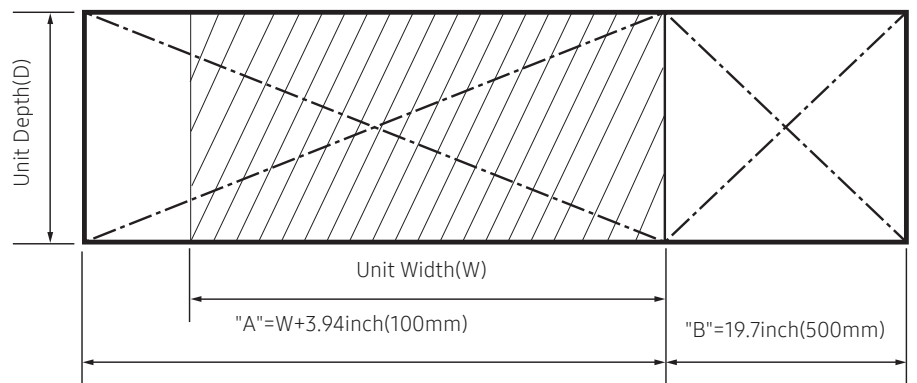
Refrigerant flow	
Cooling	Heating
	

Installation Clearances

VMDD - Medium Static Duct

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 0.79 inch (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 [11.81 inch(300 mm) or more], to avoid fan motor blower contact.



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