



Slim Duct Type

Functional design

- Only 210 mm in height for greater application flexibility.
- 4-step static pressure setup.
- Concealed installation within a ceiling void.
- Auxiliary fresh air intake available.
- High lift condensate pump (up to 850mm) from ceiling.

MMD-AP*4SPH1-E**
MMD-AP*6SPH1-E**

Slim & quiet

- Perfect comfort throughout the room.
- Can be used with any style of air diffuser.
- Quiet yet powerful operation.

Technical specifications

Model name	MMD-	AP0056SPH1-E	AP0074SPH1-E	AP0094SPH1-E	AP0124SPH1-E	AP0154SPH1-E	AP0184SPH1-E	AP0244SPH1-E	AP0274SPH1-E	
Cooling/Heating capacity*1	(kW)	1.7/1.9	2.2/2.5	2.8/3.2	3.6/4.0	4.5/5.0	5.6/6.3	7.1/8.0	8.0/9.0	
Electrical characteristics	Power supply	1 phase 50Hz 230V (220-240V) (Separate power supply for indoor units is required.)								
	Power consumption 50 Hz/60 Hz	(kW)	0.038/0.036	0.039/0.037	0.043/0.041	0.045/0.043	0.054/0.052	0.105/0.105		
External dimensions	Height	(mm)	210							
	Width	(mm)	845					1140		
	Depth	(mm)	645							
Total weight	(kg)	22				23		29		
Fan unit	Standard air flow (High/Mid/Low)	(m ³ /h)	435/400/370	540/470/400	600/520/450		690/600/520	780/680/580	1080/1000/900	
	Motor output	(W)	60					120		
	External static pressure (factory setting)	(Pa)	6-16-31-46 (4 steps)			5-15-30-45 (4 steps)		4-14-29-44 (4 steps)	2-12-22-42 (4 steps)	
Connecting pipe	Gas side	(mm)	ø9.5				ø12.7		ø15.9	
	Liquid side	(mm)	ø6.4							
	Drain port	(nominal dia.)	25 (Polyvinyl chloride tube)							
Sound pressure level*2 (High/Med./Low)	Under air inlet	(dB(A))	33/32/30	36/33/30	38/35/32	39/36/33	40/38/36	49/47/44		
	Back air inlet	(dB(A))	26/25/24	28/26/24	29/27/25	32/30/28	33/31/29	38/36/33		
Sound power level (High/Med./Low)	Under air inlet	(dB(A))	48/47/45	51/48/45	53/50/47	54/51/48	55/53/51	64/62/59		
	Back air inlet	(dB(A))	41/40/39	43/41/39	44/42/40	47/45/43	48/46/44	53/51/48		

Note 1 : The capacities are measured under the conditions specified by JIS B 8615 based on the reference piping. The reference piping consists of 5 m of main piping and 2.5 m of branch piping connected with 0 m height.

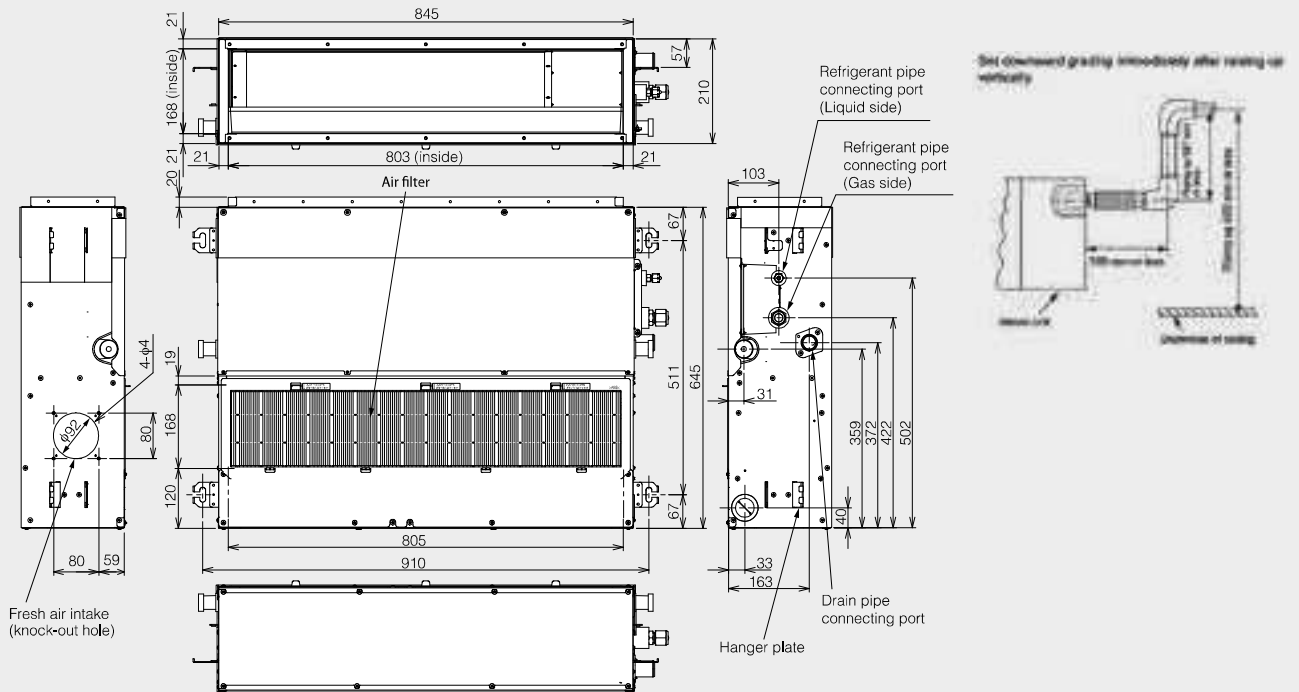
Note 2 : The sound level are measured in an anechoic chamber in accordance with JIS B 8616.

Normally, the values measured in the actual operating environment become larger than the indicated values due to the effects of external sound.

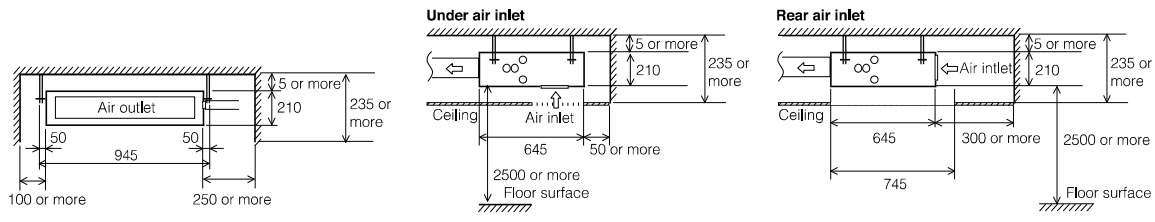
Note : Rated conditions Cooling : Indoor air temperature 27°C DB/19°C WB, Outdoor air temperature 35°C DB.

Heating : Indoor air temperature 20°C DB, Outdoor air temperature 7°C DB/6°C WB.

MMD-AP0056SPH1-E, MMD-AP0074SPH1-E to AP0184SPH1-E

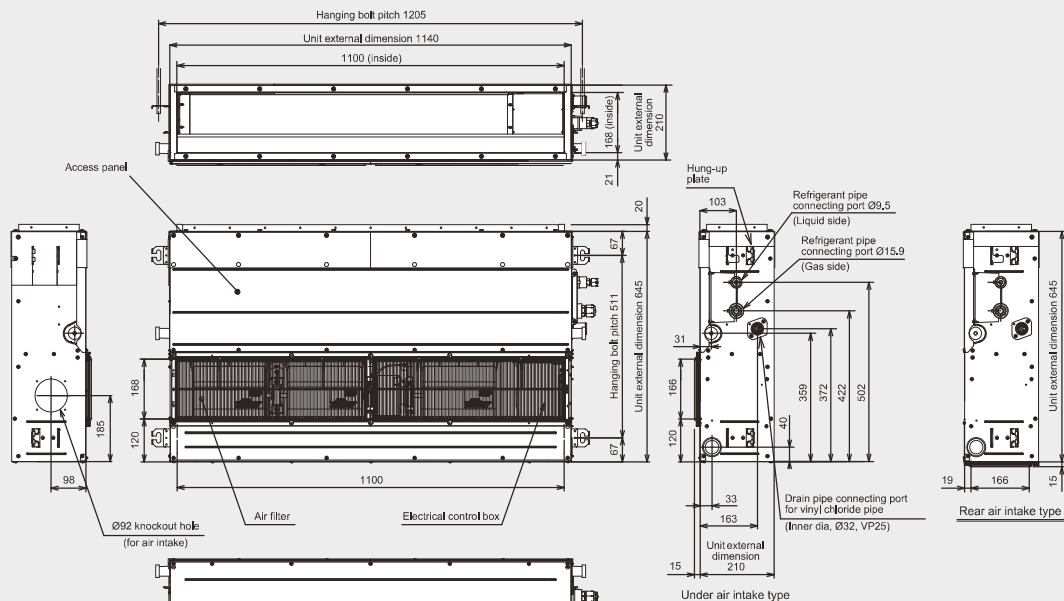


● Space required for installation and servicing



(Unit: mm)

MMD-AP0244SPH1-E, AP0274SPH1-E



(Unit: mm)