

MEDIUM STATIC DUCTABLE - NON INVERTER SPECIFICATION



INDOOR UNIT - MEDIUM STATIC NON INVERTER							
Model Number			DMAM-18KVG-Y1	DMAM-24KVG-Y1	DMAM-36KVR-Y1	DMAM-48KVR-Y1	
Performance	Power supply	V,Hz,Ph	230+/-10%-1-50	230+/-10%-1-50	230+/-10%-1-50	230+/-10%-1-50	
	Cooling Capacity	W	5275	6700	10600	13365	
	Input	W	1500	1940	4000	5100	
	Current	A	6,6	8,5	8,0	9,4	
Indoor coil	Number of rows		3	3	4	3	
	Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	
	Tube outside dia.and type	mm	Φ7, inner groove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	
Indoor air flow (Hi/Mi/Lo)		m3/h	925/740/652	1715 / 1467 /1077	1715 / 1467 /1077	2612/2292/2088	
ESP	Rated	Pa	10	20	25	50	
Sound level (sound pressure)		dB(A)	40/34/33	49/40/38	49/40/38	53/49/42	
Indoor unit	Dimension(WxDxH)		mm	822x605x210	1005x603x270	1005x603x270	1200x725x345
	Packing (WxDxH)		mm	1010x680x290	1195x635x310	1125x635x310	1420x760x370
	Net/Gross weight		Kg	22.5 / 28,5	29/34	30/35	50 / 54
Drainage water pipe dia.		mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	ODΦ25mm	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")	
Controller			Wired control	Wired control	Wired control	Wired control	
Operating Range		°C	17-30	17-30	17-30	17-30	

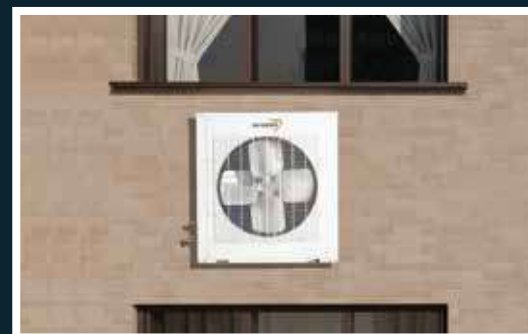
*Rating conditions Cooling - Indoor: 27°C(80°F)DB, 19°C(66°F)WB, Outdoor: 35°C(95°F)DB

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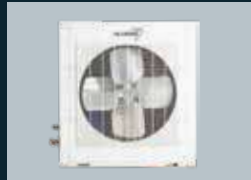


OUTDOOR UNIT - MEDIUM STATIC NON INVERTER						
Model Number			DMBM-18KVG-Y1	DMBM-24KVG-Y1	DMBM-36KPR-Y1	DMBM-48KPR-Y1
Power supply		V- Ph-Hz	230+/-10%-1-50	230+/-10%-1-50	400+/-10%-3-50	400+/-10%-3-50
Compressor	Type		Rotary	Rotary	Scroll	Scroll
Outdoor coil	Number of rows		2	3	2	3
	Tube outside dia. and type	mm	Φ7, inner grooved tube	Φ7 inner grooved tube	Φ7 inner grooved tube	Φ7 inner grooved tube
Outdoor noise level		dB(A)	57	60	64	64
Outdoor unit	Dimension (WxHxD)	mm	790x540x280	845x700x320	910x820x320	910x820x320
	Packing (WxHxD)	mm	910x585x335	965x755x395	1022x897x424	1022x897x424
	Net/ Gross weight	kg	34 / 38	44/48	64/67.5	70/73
Refrigerant type/Quantity	Type	Gms	R32 / 800 gms	R32/ 1160	R410A / 2000	R410A / 2050
Refrigerant piping	Liquid side/ Gas side	mm	Φ6.35/Φ12.7(1/4"/1/2")	Φ9.52/Φ15.9(3/8"/5/8")	Φ9.52/Φ19(3/8"/3/4")	Φ9.52/Φ19(3/8"/3/4")
	Max. pipe length	m	20	25	30	30
	Max. difference in level	m	8	10	10	10
Ambient temperature	Cooling	°C	18~50	18~50	18~50	18~50

*Rating conditions Cooling - Indoor: 27°C(80°F)DB, 19°C(66°F)WB, Outdoor: 35°C(95°F)DB



OUTSTANDING FEATURES



Easy Maintenance & Serviceability

It features easy access to the service panel located at the bottom of the indoor unit and a side panel on the outdoor unit, streamlining the maintenance process for your convenience.



High Air Outlet Static Pressure

The indoor unit's high static pressure allows for extended air supply, providing flexibility in the installation and positioning of both the indoor unit (IDU) and outdoor unit (ODU). This feature ensures that you can maintain the interior aesthetics of your space without compromising on the air conditioning performance.



Sleek Design

The unit height commences at 345mm, providing ample space for a spacious ceiling height. (In 66K HSD Unit only)



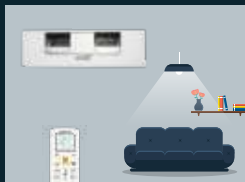
High & Low Pressure Control

Cartridge controls are specifically designed for refrigeration and air conditioning systems using CFC, HCFC, and HFC refrigerants. These controls serve as essential safety measures, ensuring high and low-pressure cut in and cut out, as well as fan cycling.



Scroll compressor

The compressor's efficiency is enhanced by its high volumetric efficiency and low power consumption. Additionally, its reduced number of moving parts results in less wear and tear, ensuring a quiet operation. Moreover, the compressor's excellent liquid handling capability contributes to its robustness, trouble-free performance, and reliability. (Available in 11 & 17 TR having two compressors)



Wireless Controller (Optional)

The utilization of a Wireless Controller enhances the convenience of Air Conditioner management.

