



Ceiling and Floor Solutions

Air Conditioning solutions that easily complement any interior living style. Modern and practical, built to perform withstanding today's demanding environments. Midea Ceiling and floor solutions are low noise, maintaining a quiet and comfortable atmosphere with the advantages that Inverter technology offers in energy savings.

Models MDV-D112DL / D140DL / D160DL

Requires professional installation - R410A Refrigerant - 220v Applications 16SEER
Consult your Air Conditioning professional for more details. See reverse for product information.

Explore the possibilities

OLDACH
REFRIGERATION, AIR CONDITIONING & VENTILATION SUPPLIER



Ceiling & Floor System Specifications

Indoor Unit

System Capacities			MDV-D112DL/VN1-C	MDV-D140DL/VN1-C	MDV-D160DL/VN1-C
Power supply		V- Ph-Hz	220~240v / 1Ph / 60hz		
Cooling	Capacity	kW	11.2	14	16
		BTU/h	38,200	47,800	54,600
	Input	W	241	241	405
	Rated Current	A	0.83	0.83	1.75
Indoor Fan Motor	Type		AC Motor		
	Input	W	(89.5/81.5/77.5) x 2	(89.5/81.5/77.5) x 2	163/201
	Capacitor	μF	2.5UF/450V x2	2.5UF/450V x2	5UF/450V x2
	Speed (Hi/Mid/Lo)	rev/min	1170/1070/995	1170/1070/995	1160/1050/940
Indoor Air Flow (H/M/L)		m ³ /h	1980/1860/1730	1980/1860/1730	2300/2100/1800
		CFM	1165/1095/1018	1165/1095/1018	1354/1236/1060
Indoor Noise Level (Hi/Mid/Lo)		dB(A)	47/45/42	47/45/42	52
Indoor Unit	Dimension (W×H×D)	In. (mm)	66x27x9.6 (1670x680x244)		66x11x27 (1670x285x680)
	Packing (W×H×D)	In. (mm)	69.5x30x13 (1764x760x329)		69x14.5x30 (1775x372x760)
	Net/Gross weight	lbs.(kg)	119/130(54/59)	119/130(54/59)	126.5/139.7(57.5/63.5)
Refrigerant			R410A		
Throttle	Type		EXV (Built-In)		
	Model		BD24FKS(L)		BD24FKS(L)
Design pressure		MPa	4.4/2.6		4.4/2.0
Refrigerant Piping	Liquid Side/ Gas Side	In.	3/8" / 5/8"		3/8" / 5/8"
Connecting Wiring	Power Wiring	mm ²	3*2.5(L≤20m); 3*3.5(L≤50m)		2.5(L≤20m); 3*3.5(L≤50m)
	Signal Wiring	mm ²	3×0.75		
Drainage Water Pipe Diameter			ODΦ16		ODΦ25
Controller			Wireless Remote Controller (RM05/BGE-20) (Standard)		
Operating Temperatures		°F(°C)	Cooling: 62.6~89.6(17~32); Heating:50~82.4(10~28)		

Outdoor Unit

Outdoor Unit Model			MDV-V105W/DMN1	MDV-V140W/DMN1	MDV-V160W/DMN1
Efficiency		SEER	16	16	16
Power Supply		V/Hz/Ph	220v/60Hz/1Ph		
Cooling	Capacity	BTU/h	35826	47768	52886
	Input	kW	4.15	3.96	4.52
Maximum Input Consumption		W	4678	6500	6500
Maximum Current		A	21.3	27.4	28.1
Compressor	Type		Rotary		
	Input	W	2200	3080	
	Rated Current (RLA)	A	9.7	13.5	
	Refrigerant Oil	ml	870		
Outdoor Fan Motor	Input	W	232	210/127(×2)	
	Capacitor	uF	5uF/450V		
	Speed	Rev/Min	805/505	890/590	
Outdoor Air Flow		CFM	3178/2589	3825/2825	
Outdoor Sound Level (Sound Pressure Level)		dB(A)	57/54		
Outdoor Unit	Dimension(WxHxD)	In.	39x38x14	37x49x14	
	Packing (WxHxD)	In.	44x43.5x17	41.5x54.5x17.25	
	Net/Gross Weight	kg	78kg/89kg	108/116	
Refrigerant	Type		R410A		
	Charged Volume	g	3000	4800	4800
Throttle Type			Electronic Expansion Valve		
Design Pressure		Mpa	4.4 / 2.6		
Refrigerant Piping	Liquid Side/ Gas Side	In.	3/8" / 5/8"		
	Maximum Refrigerant Pipe Length	Ft	164		
	Maximum Difference In Level	Ft	66		
Connection Wiring	Power Wiring	mm ²	3 core×4.0		
	Signal Wiring	mm ²	3 Core Shielded Wire, 3×1.0		
Ambient Temperature		°C	(Cooling -15~43) (Heating -15~24)		

Product specifications subject to change without notice.



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