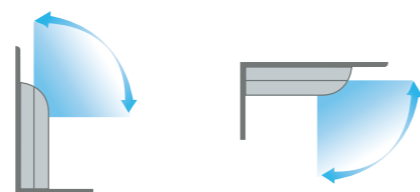
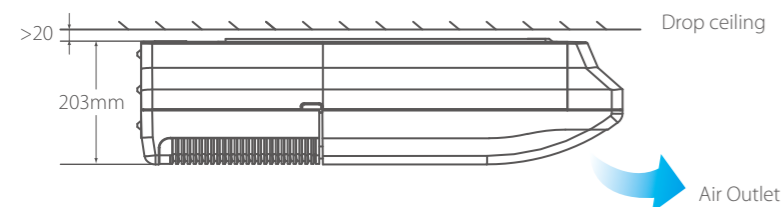


Ceiling & Floor



Convenient Installation >>

The slim and sleek structure design ensures easy installation. It can be installed into a corner of the ceiling even if the ceiling is very narrow.



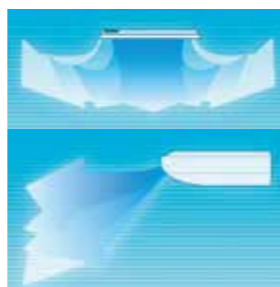
The unit can be installed either horizontally on the ceiling or vertically against the wall.

Auto Swing and Wide Angle Air Flow >>

Two direction auto swing - vertical and horizontal.

The range of horizontal air discharge is widened which secures wider air flow distribution to provide more comfortable air circulation no matter where the unit is set up.

Three air flow speeds: low, medium and high; double air guides.



Auto Swing & Wide-angle Airflow

More Comfortable >>

Adopts electrical expansion valve, ensuring precise flow control, lower modulation noise when EXV is operating.

Low noise operations; minimum 36 dB(A).

Smoother airflow and less turbulence due to the multi-blade fan and the air guide design.

Specification

Model		MDV-D36DL/N1-C	MDV-D45DL/N1-C	MDV-D56DL/N1-C	MDV-D71DL/N1-C
Power supply		1-phase, 220-240V, 60Hz			
Cooling capacity	kW	3.6	4.5	5.6	7.1
	Btu/h	12300	15400	19100	24200
Heating capacity	kW	4.0	5.0	6.3	8.0
	Btu/h	13600	17100	21500	27300
Power input	Cooling	W	50	148	148
	Heating	W	50	148	148
Airflow rate(H/M/L)	m ³ /h	600/480/400	750/650/550	750/650/550	750/650/550
	CFM	353/283/235	441/383/324	441/383/324	441/383/324
Sound pressure level(H/M/L)	dB(A)	40/38/36	43/41/38	43/41/38	43/41/38
Net dimension(WxHxD)	mm(in.)	990x203x660(38-31/32x7-63/64x25-63/64)			
Packing dimension(WxHxD)	mm(in.)	1089x296x744(42-7/8x11-21/32x29-9/32)			
Net/gross weight	kg(lbs.)	26/32(57.3/70.6)	28/34(61.7/75.0)	28/34(61.7/75.0)	28/34(61.7/75.0)
Piping connections	Liquid/gas pipe	mm(in.)	Φ6.35/Φ12.7(Φ1/4/Φ1/2)		Φ9.53/Φ15.9(Φ3/8/Φ5/8)
	Drain piping	mm(in.)	Φ25(OD 63/64)		
Standard controller		Wireless remote controller			

Model		MDV-D80DL/N1-C	MDV-D90DL/N1-C	MDV-D112DL/N1-C	MDV-D140DL/N1-C	MDV-D160DL/N1-C
Power supply		1-phase, 220-240V, 60Hz				
Cooling capacity	kW	8.0	9.0	11.2	14.0	16.0
	Btu/h	27300	30700	38200	47800	54600
Heating capacity	kW	9.0	10.0	12.5	15.0	18.0
	Btu/h	30700	34100	42700	51200	61400
Power input	Cooling	W	183	183	245	245
	Heating	W	183	183	245	245
Airflow rate(H/M/L)	m ³ /h	1,200/900/700	1,200/900/700	1,980/1,860/1,730	1,980/1,860/1,730	2,300/2,100/1,800
	CFM	706/530/412	706/530/412	1,165/1,095/1,018	1,165/1,095/1,018	1,354/1,236/1,060
Sound pressure level(H/M/L)	dB(A)	45/43/40	45/43/40	47/45/42	47/45/42	47/45/42
Net dimension(WxHxD)	mm(in.)	1280x203x660(50-25/64x7-63/64x25-63/64)		1670x244x680(65-3/4x9-39/64x26-49/64)		1670x285x680(65-3/4x11-7/32x26-49/64)
Packing dimension(WxHxD)	mm(in.)	1379x296x744(54-19/64x11-21/32x29-19/64)		1764x329x760(69-29/64x12-61/64x29-59/64)		1775x377x760(69-7/8x14-27/32x29-59/64)
Net/gross weight	kg(lbs.)	34.5/41(76.1/90.4)		54/59(119.0/130.1)		57.5/63.5(126.5/139.7)
Piping connections	Liquid/gas pipe	mm(in.)	Φ9.53/Φ15.9(Φ3/8/Φ5/8)			
	Drain piping	mm(in.)	Φ25(OD 63/64)			
Standard controller		Wireless remote controller				

Notes:

- Nominal cooling capacities are based on the following conditions: return air temp.: 27°C(80.6°F)DB, 19°C(66.2°F)WB, outdoor temp.: 35°C(95°F)DB, equivalent ref. piping: 7.5m (24.6ft.) (horizontal).
- Nominal heating capacities are based on the following conditions: return air temp.: 20°C(68°F)DB, outdoor temp.: 7°C (44.6°F)DB, 6°C(42.8°F)WB, equivalent ref. piping: 7.5m (24.6ft.) (horizontal).
- Floor standing : Sound level is measured 1m(3.28ft.) horizontally and 1m(3.28ft.) vertically from the air-outlet.
Ceiling mounted: Sound level is measured 1m(3.28ft.) horizontally and 1m(3.28ft.) vertically from the air-outlet.