

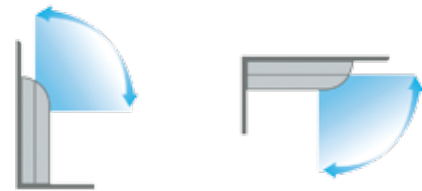
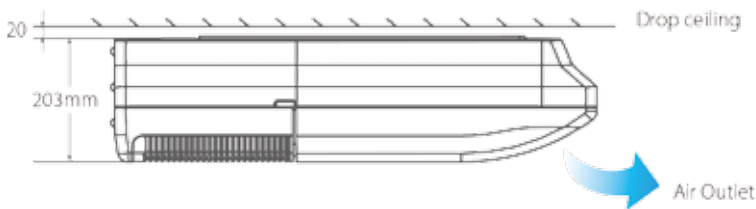
Ceiling and Floor



- 
Auto Restart
Function
- 
Auto
Addressing
- 
Timer
- 
Auto
Defrosting
- 
Easy-cleaning
Panel
- 
Follow
Me
- 
Anti-cold Air
Function
- 
Auto
Swing
- 
LED
Display
- 
Built-in
Filter
- 
Independent
Dehumidification
- 
Wired
Controller

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.

High Efficiency and Low Sound Operation

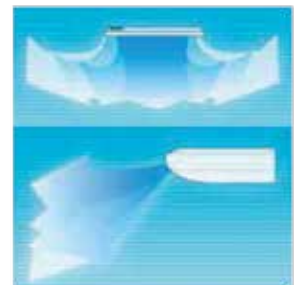
Thanks to the DC brushless fan motor, the unit operates in high efficiency and low sound level.

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.

Specifications:

MODEL			MDV-D36DL/N1-C	MDV-D45DL/N1-C	MDV-D56DL/N1-C	MDV-D71DL/N1-C	MDV-D80DL/N1-C
Power supply			1-phase, 220-240V, 50Hz				
Cooling capacity	kW		3.6	4.5	5.6	7.1	8
	kcal/h		3,100	3,900	4,800	6,100	6,900
	Btu/h		12,300	15,400	19,100	24,200	27,300
Heating capacity	kW		4	5	6.3	8	9
	kcal/h		3,400	4300	5,400	6,800	7,700
	Btu/h		13,600	17,100	21,500	27,300	30,700
Power input	Cooling	W	49	120	122	125	130
	Heating		49	120	122	125	130
Rated current	Cooling	A	0.23	0.67	0.67	0.67	0.83
	Heating		0.23	0.67	0.67	0.67	0.83
Airflow rate (H/M/L)	m3/h		650/570/500	800/600/500	800/600/500	800/600/500	1,200/900/700
	CFM		383/335/294	471/353/294	471/353/294	471/353/294	706/530/412
Sound pressure level (H/M/L)	dB(A)		40/38/36	43/41/38	43/41/38	43/41/38	45/43/40
Refrigerant	Type		R410A				
	Control method		EXV				
Net dimension (W×H×D)	mm		990×203×660	990×203×660	990×203×660	990×203×660	1,280×203×660
Packing dimension (W×H×D)	mm		1,089×296×744	1,089×296×744	1,089×296×744	1,089×296×744	1,379×296×744
Net weight	kg		26	28	28	28	34.5
Gross weight	kg		32	34	34	34	41
Piping connections	L(flare)	mm	φ6.35	φ6.35	φ9.53	φ9.53	φ9.53
	G(flare)	mm	φ12.7	φ12.7	φ15.9	φ15.9	φ15.9
	Drain piping	mm	OD φ16	OD φ16	OD φ16	OD φ16	OD φ16
Standard Controller	-		Wireless remote controller(RM05/BG(T)E-A)				

MODEL			MDV-D90DL/N1-C	MDV-D112DL/N1-C	MDV-D140DL/N1-C	MDV-D160DL/N1-C
Power supply			1-phase, 220-240V, 50Hz			
Cooling capacity	kW		9	11.2	14	16
	kcal/h		7,700	9,600	13,300	13,800
	Btu/h		30,700	38,200	47,800	54,600
Heating capacity	kW		10	12.5	15	18
	kcal/h		8,600	10,800	12,900	15,500
	Btu/h		34,100	42,700	51,200	61,400
Power input	Cooling	W	130	182	182	300
	Heating		130	182	182	300
Rated current	Cooling	A	0.83	1.11	1.11	1.41
	Heating		0.83	1.11	1.11	1.41
Airflow rate (H/M/L)	m3/h		1,200/900/700	1,980/1,860/1,730	1,980/1,860/1,730	1,980/1,860/1,730
	CFM		706/530/412	1,165/1,095/1,018	1,165/1,095/1,018	1,165/1,095/1,018
Sound pressure level (H/M/L)	dB(A)		45/43/40	47/45/42	47/45/42	47/45/42
Refrigerant	Type		R410A			
	Control method		EXV			
Net dimension (W×H×D)	mm		1,280×203×660	1,670×244×680	1,670×244×680	1,670×285×680
Packing dimension (W×H×D)	mm		1,379×296×744	1,764×329×760	1,764×329×760	1,775×377×760
Net weight	kg		34.5	54	54	57.5
Gross weight	kg		41	59	59	63.5
Piping connections	L(flare)	mm	φ9.53	φ9.53	φ9.53	φ9.53
	G(flare)	mm	φ15.9	φ15.9	φ15.9	φ15.9
	Drain piping	mm	OD φ16	OD φ16	OD φ16	OD φ16
Standard Controller	-		Wireless remote controller(RM05/BG(T)E-A)			

Notes:

- Nominal cooling capacities are based on the following conditions: return airtemperature.: 27°CDB, 19°CWB, and outdoor temperature.:35°CDB, equivalent ref. piping: 8m (horizontal)
- Nominal heating capacities are based on the following conditions: return air temperature.: 20°CDB, outdoor temp.: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
- Floor standing :Sound level is measured 1m from air-outlet in horizontal distance, 1m above the floor in vertical distance.
Ceiling mounted:Sound level is measured 1m from air-outlet in horizontal distance,1m from air-outlet in vertical distance.

* Specifications are subject to change without prior notice for product improvement.