

Two-way Cassette



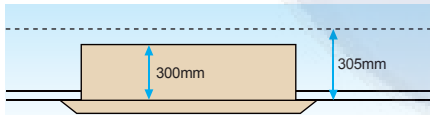
- Auto Restart
- Auto Addressing
- Follow Me
- LED Display
- Built-in Drain Pump
- Fresh Air
- Cleanable Panel
- Anti-Cold Air Function
- Super High Air Flow

Quiet operation

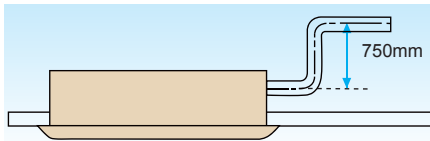
Optimized airflow duct with low resistance greatly reduces noise, minimum down to 24dB(A).

Stylish design and slim body

Thanks to the stylish appearance and slim body, the unit suits any room's decor and ambience. At only 300mm high, the unit requires only a small suspended ceiling space. Installation has no height limitations, which makes overall design features much more flexible.



Standard built-in drain pump with 750mm pump head (higher pump head can be customized).



Flat-type suction grille design greatly simplifies maintenance work.

High airflow

High airflow for high ceiling application guarantees comfort in large space. It makes every person in the room get even distribution of airflow and temperature.



50Hz Specifications

Model		MDV-D22Q2/N1	MDV-D28Q2/N1	MDV-D36Q2/N1	MDV-D45Q2/N1	MDV-D56Q2/N1	MDV-D71Q2/N1
Power supply		1-phase, 220-240V, 50Hz					
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1
	kcal/h	1,900	2,400	3,100	3,900	4,800	6,100
	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
Heating capacity	kW	2.6	3.2	4.0	5.0	6.3	8.0
	kcal/h	2,200	2,800	3,400	4,300	5,400	6,900
	Btu/h	8,900	10,900	13,600	17,100	21,500	27,300
Power input	Cooling	57	57	60	92	108	154
	Heating	57	57	60	92	108	154
Rated current	Cooling	0.35	0.45	0.45	0.55	0.55	0.75
	Heating	0.35	0.45	0.45	0.55	0.55	0.75
Airflow rate(H/M/L)	m ³ /h	654/530/410	654/530/410	725/591/458	850/670/550	980/800/670	1,200/1,000/770
	CFM	385/312/241	385/312/241	427/348/270	500/394/324	577/471/394	706/589/453
Sound pressure level(H/M/L)	dB(A)	33/29/24	36/32/29	36/32/29	39/35/30	39/35/30	44/40/34
Refrigerant	Type	R410A					
	Control method	EXV					
Body	Net dim.(W×H×D)	mm	1,172×299×591	1,172×299×591	1,172×299×591	1,172×299×591	1,172×299×591
	Gross dim.(W×H×D)	mm	1,355×400×675	1,355×400×675	1,355×400×675	1,355×400×675	1,355×400×675
	Net/gross	kg	34/42.5	34/42.5	34/42.5	36.5/45	36.5/45
Panel	Net dim.(W×H×D)	mm	1,430×53×680	1,430×53×680	1,430×53×680	1,430×53×680	1,430×53×680
	Gross dim.(W×H×D)	mm	1,525×130×765	1,525×130×765	1,525×130×765	1,525×130×765	1,525×130×765
	Net/gross	kg	10.5/15	10.5/15	10.5/15	10.5/15	10.5/15
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9
	Drain piping	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32
Standard Controller		Wireless remote controller(RM05/BG(T)E-A)					

60Hz Specifications

Model		MDV-D22Q2/VN1	MDV-D28Q2/VN1	MDV-D36Q2/VN1	MDV-D45Q2/VN1	MDV-D56Q2/VN1	MDV-D71Q2/VN1
Power supply		1-phase, 208-230V, 60Hz					
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1
	kcal/h	1,900	2,400	3,100	3,900	4,800	6,100
	Btu/h	7,500	9,600	12,300	15,400	19,100	24,200
Heating capacity	kW	2.6	3.2	4	5	6.3	8
	kcal/h	2,200	2,800	3,400	4,300	5,400	6,900
	Btu/h	8,900	10,900	13,600	17,100	21,500	27,300
Power input	Cooling	78	78	83	115	133	205
	Heating	78	78	83	115	133	205
Rated current	Cooling	0.35	0.45	0.45	0.55	0.55	0.75
	Heating	0.35	0.45	0.45	0.55	0.55	0.75
Airflow rate(H/M/L)	m ³ /h	674/509/381	674/509/381	740/577/435	878/689/561	941/776/654	1,236/1,110/864
	CFM	397/300/224	397/300/224	436/340/256	517/406/330	554/457/385	727/653/509
Sound pressure level(H/M/L)	dB(A)	33/29/24	36/32/29	36/32/29	39/35/30	39/35/30	44/40/34
Refrigerant	Type	R410A					
	Control method	EXV					
Body	Net dim.(W×H×D)	in. (mm)					
	Gross dim.(W×H×D)	46-9/32×11-49/64×23-17/64(1172×299×591)					
	Net/gross	53-11/32×15-3/4×26-37/64(1355×400×675)					
Panel	Net dim.(W×H×D)	lbs. (kg)	75/94(34/42.5)	75/94(34/42.5)	75/94(34/42.5)	80.5/99(36.5/45)	80.5/99.3(36.5/45)
	Gross dim.(W×H×D)	in. (mm)	56-19/64×2-3/32×26-49/64(1430×53×680)				
	Net/gross	lbs. (kg)	60-3/64×5-1/8×30-1/8(1525×130×765)				
Piping connections	L(flare)	in. (mm)	23/33(10.5/15)	23/33(10.5/15)	23/33(10.5/15)	23/33(10.5/15)	23/33(10.5/15)
	G(flare)	in. (mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ3/8(9.53)
	Drain piping	in. (mm)	Φ1/2(12.7)	Φ1/2(12.7)	Φ1/2(12.7)	Φ1/2(12.7)	Φ5/8(15.9)
Standard Controller		Wireless remote controller (RM05/BG(T)E-A)					

Notes:

- Nominal cooling capacities are based on the following conditions: return air temp.: 80.6°F(27°C)DB, 66.2°F(19°C)WB, and outdoor temp.: 95°F(35°C)DB, equivalent ref. piping: 26.25ft. (8m) (horizontal)
- Nominal heating capacities are based on the following conditions: return air temp.: 68°F(20°C)DB, outdoor temp.: 44.6°F(7°C)DB, 42.8°F(6°C)WB, and equivalent ref. piping: 26.25ft. (8m) (horizontal)
- Sound Level is measured 4.59ft. (1.4m) below the unit