

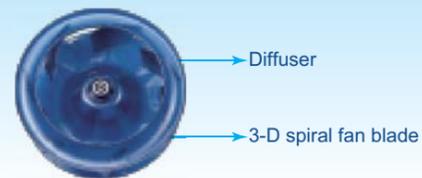
Four Way Cassette



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

Quiet operation, soft air supply

- Streamline plate ensures quietness
- Advanced 3-D spiral fan design reduces the air resistance and operation noise.



Easy troubleshooting

By adding digital tube displayer on the display board, the Error Codes can be displayed directly on it which helps to find and shoot the trouble.



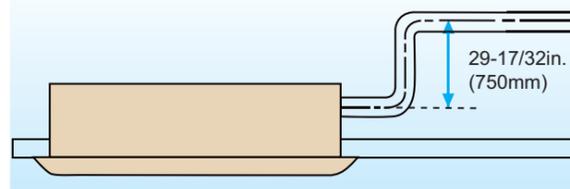
360° Airflow outlet



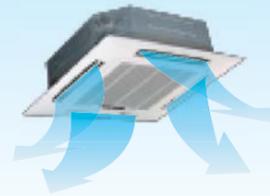
360° air outlet provides strong circulating air flow to cool or heat every corner of the room and realizes even temperature distribution

High lift pump

Drain pump can take up the condenser water to 750mm which helps to make easier installation of the drain piping system.



Four-way Airflow(4-stage fan speed)



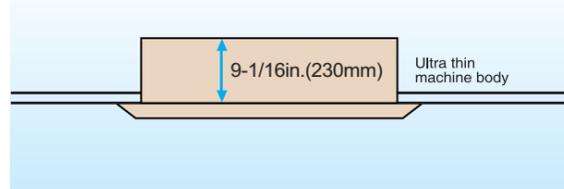
Uniform air flow of four ways

The four air discharge port provides strong circulating air flow to cool or heat every corner of the room and realizes even temperature distribution; by choosing high airflow mode, high ceiling application over 1/8in.(3m) can get equal comfort.

Reserved multi-function ports



Ultra-thin machine body for easy installation and maintenance, min. 230mm in height.



Model		MDV-D28Q4/N1-D	MDV-D36Q4/N1-D	MDV-D45Q4/N1-D	MDV-D56Q4/N1-D	MDV-D71Q4/N1-D
Power supply		1-phase, 220-240V, 60Hz				
Cooling capacity	kW	2.8	3.6	4.5	5.6	7.1
	kcal/h	2,400	3,100	3,800	4,800	6,100
	Btu/h	9,500	12,300	15,400	19,100	24,200
Heating capacity	kW	3.2	4	5	6.3	8
	kcal/h	2,700	3,400	4,300	5,400	6,800
	Btu/h	10,900	13,600	17,100	21,500	27,300
Power input	Cooling	60	60	71	71	94
	Heating	60	60	71	71	94
Rated current	Cooling	0.4	0.4	0.4	0.4	0.5
	Heating	0.4	0.4	0.4	0.4	0.5
Airflow rate(H/M/L)	m³/h	847/766/640	847/766/640	864/755/658	864/755/658	1,157/955/749
	CFM	499/451/377	499/451/377	509/444/387	509/444/387	681/562/441
Sound level	dB(A)	42/38/35	42/38/35	42/38/35	42/38/35	45/42/39
Refrigerant	Type	R410A				
	Control method	EXV				
Body	Net dim.(W×H×D)	33-1/16×9-1/16×33-1/16(840×230×840)				
	Gross dim.(W×H×D)	37-5/8×9-3/4×37-5/8(955×247×955)				
	Net/gross	lbs.(kg)	52.9/61.7(24/28)	52.9/61.7(24/28)	52.9/61.7(24/28)	52.9/61.7(24/28)
Panel	Net dim.(W×H×D)	37-3/8×1-13/16×37-3/8(950×46×950)				
	Gross dim.(W×H×D)	39-3/8×3-9/16×39-3/8(1,000×60×1,000)				
	Net/gross	lbs.(kg)	13.2/17.6(6/8)	13.2/17.6(6/8)	13.2/17.6(6/8)	13.2/17.6(6/8)
Piping connections	L(flare)	in.(mm)	Φ1/4(6.35)	Φ1/4(6.35)	Φ1/4(6.35)	Φ3/8(9.53)
	G(flare)	in.(mm)	Φ1/2(12.7)	Φ1/2(12.7)	Φ1/2(12.7)	Φ5/8(15.9)
	Drain piping	in.(mm)	ID 1-1/8(Φ28.5), OD Φ1-1/4(Φ32)			
Standard Controller		Wireless remote controller (RM05/BG(T)E-A)				

Model		MDV-D80Q4/N1-D	MDV-D90Q4/N1-D	MDV-D100Q4/N1-D	MDV-D112Q4/N1-D	MDV-D140Q4/N1-D
Power supply		1-phase, 220-240V, 60Hz				
Cooling capacity	kW	8	9	10	11.2	14
	kcal/h	6,900	7,700	8,600	9,600	12,000
	Btu/h	27,300	30,700	34,100	38,200	47,800
Heating capacity	kW	9	10	11	12.5	15
	kcal/h	7,700	8,600	9,400	10,700	12,900
	Btu/h	30,700	34,100	37,500	42,600	51,200
Power input	Cooling	94	173	173	173	186
	Heating	94	173	173	173	186
Rated current	Cooling	0.5	0.7	0.7	0.7	0.8
	Heating	0.5	0.7	0.7	0.7	0.8
Airflow rate(H/M/L)	m³/h	1,236/973/729	1,590/1,300/1,090	1,590/1,300/1,090	1,590/1,300/1,090	1,678/1,358/1,115
	CFM	727/573/429	936/765/642	936/765/642	936/765/642	988/799/656
Sound level	dB(A)	45/42/39	48/45/43	48/45/43	48/45/43	50/47/44
Refrigerant	Type	R410A				
	Control method	EXV				
Body	Net dim.(W×H×D)	33-1/16×9-1/16×33-1/16 (840×230×840)		33-5/64×11-13/16×33-5/64(840×300×840)		
	Gross dim.(W×H×D)	37-9/16×9-3/4×37-9/16 (955×247×955)		37-9/16×12-31/64×37-9/16(955×317×955)		
	Net/gross	lbs.(kg)	57.3/66(26/30)	70.5/81.6(32/37)	70.5/81.6(32/37)	70.5/81.6(32/37)
Panel	Net dim.(W×H×D)	37-3/8×1-13/16×37-3/8(950×46×950)				
	Gross dim.(W×H×D)	39-3/8×3-9/16×39-3/8(1,000×60×1,000)				
	Net/gross	lbs.(kg)	13.2/17.6(6/8)	13.2/17.6(6/8)	13.2/17.6(6/8)	13.2/17.6(6/8)
Piping connections	L(flare)	in.(mm)	Φ3/8(9.53)	Φ3/8(9.53)	Φ3/8(9.53)	Φ3/8(9.53)
	G(flare)	in.(mm)	Φ5/8(15.9)	Φ5/8(15.9)	Φ5/8(15.9)	Φ5/8(15.9)
	Drain piping	in.(mm)	ID 1-1/8(Φ28.5), OD Φ1-1/4(Φ32)			
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