



GD Midea Heating & Ventilating Equipment Co., Ltd.
Is certified under the ISO 14001 International standard
for environmental management.
Certificate No. 15912E10020R0L



GD Midea Heating & Ventilating Equipment Co., Ltd.
Is certified under the ISO 9001 International standard
for quality assurance.
NO.01 100 019209



GD Midea Heating & Ventilating Equipment Co., Ltd.
Certificate of Occupational Health and Safety Management System
Certificate No. 15912S20006R0L-1.

Dealer information

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Ver.2014.02

COMMERCIAL AIR CONDITIONERS

R410 VRF Indoor Unit 50Hz



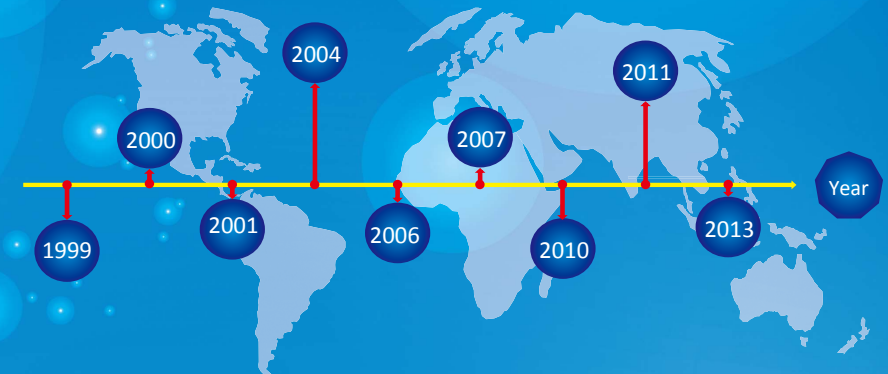


Midea CAC (MCAC)

As a key subsidiary of Midea Group, the Midea Central Air Conditioner (MCAC) business unit has emerged as a leading supplier of commercial solutions. Since 1999 MCAC has contributed to the R&D and innovation of technologically-based commercial solutions. Cooperation with leading global enterprises coupled with independent R&D has enabled MCAC to implement thousands of commercial air-conditioning projects worldwide.

At present, MCAC is one of the globally leading product suppliers, underpinned by a mature marketing, sales, and project design framework.

There are three production bases in Shunde, Chongqing and Hefei.
 MCAC Shunde: 38 product lines focusing on VRF (DC inverters and digital scroll products), split products, heat pump water heaters, and AHU/FCU.
 MCAC Chongqing: 14 product lines focusing on water cooled centrifugal/screw/scroll chillers, air cooled screw/scroll chillers, and AHU/FCU.
 MCAC Hefei: 11 product lines focusing on VRF, chillers, and heat pump water heaters.



- 2013 Launched the super high efficiency centrifugal chiller with full falling film technology
- 2011 Launched the DC inverter V4 Plus globally
- 2010 Built the 3rd manufacturing base in Hefei
- 2007 Won the first Midea centrifugal chiller project oversea
- 2006 Launched the first VSD centrifugal chiller
- 2004 Acquired MGRE entered the chiller industry
- 2001 Partnered with Copeland to develop the digital scroll VRF system
- 2000 Developed the first inverter VRF With Toshiba
- 1999 Entered the CAC field



Indoor Units Lineup →



Indoor Units Lineup

- One-way Cassette
- Two-way Cassette
- Compact Four-way Cassette
- Four-way Cassette
- Low Static Pressure Duct
- Concealed Duct Unit (A5 Type)
- High Static Pressure Duct
- Ceiling & Floor
- Wall-mounted
- Floor Standing
- Console
- Fresh Air Processing Unit

Type		Model	15	18	22	28	36	45	56	71	80	90	100	112	125	140	160	200	250	280	400	450	560	
			kW	1.5	1.8	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	10.0	11.2	12.5	14.0	16.0	20.0	25.0	28.0	40.0	45.0	56.0
One-way Cassette	MDV-D XX Q1/N1-D			●	●	●	●																	
	MDV-D XX Q1/N1-C							●	●															
Two-way Cassette	MDV-D XX Q2/N1				●	●	●	●	●	●														
Compact Four-way Cassette	MDV-D XX Q4/N1-A3		●		●	●	●	●																
Four-way Cassette	MDV-D XX Q4/N1-D					●	●	●	●	●	●	●	●	●		●								
Low Static Pressure Duct	MDV-D XX T3/N1-C			●	●	●	●	●	●	●														
Concealed Duct Unit(A5 Type)	MDV-D XX T2/N1-BA5										●	●		●		●								
	MDV-D XX T2/N1-DA5		●		●	●	●	●	●	●														
High Static Pressure Duct	MDV-D XX T1/N1-B									●	●	●		●										
																	●	●						
																			●	●	●			
																						●	●	●
Ceiling & Floor	MDV-D XX DL/N1-C						●	●	●	●	●	●		●		●	●							
Wall-mounted	MDV-D XX GN1-S MDV-D XX G/DN1-S		●		●	●	●	●	●															
					●	●		●	●	●														
	MDV-D XX G-R3/N1Y MDV-D XX GN1Y-11D5										●	●	●											
					●	●		●	●	●	●													
Floor Standing	MDV-D XX Z/N1-F3B				●	●	●	●	●	●	●													
	MDV-D XX Z/N1-F4(F5)				●	●	●	●	●	●	●													
Console	MDV-D XX Z/DN1-B				●	●	●	●																
Fresh Air Processing Unit	MDV-D XX T1/N1-FA														●	●								
																			●	●	●			

12 types and more than 100 models are available to meet varied customer requirements, 1.5kW model is only available for V4 plus and MINI VRF system.

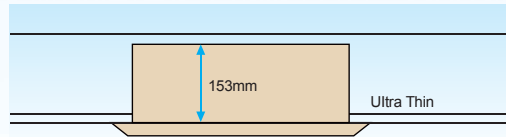
One-way Cassette



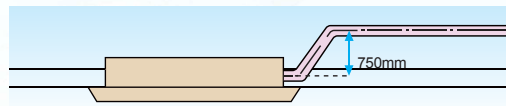
- Auto Restart
- Auto Addressing
- Follow Me
- LED Display
- Built-in Drain Pump
- Fresh Air
- Cleanable Panel
- Anti-Cold Air Function
- Super High Air Flow

Only 153mm thickness

Compact design, ultra slim body with a minimum thickness of 153mm for model 18-36, especially suitable for narrow ceiling, such as in lobbies and small meeting rooms.

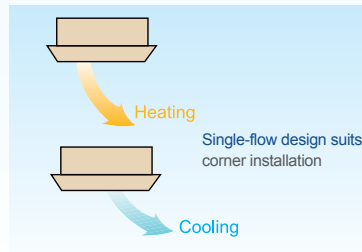


Standard built-in drain pump with 750mm pump head.



Auto swing

Auto swing mechanism guarantees even airflow distribution and a better room temperature balance.

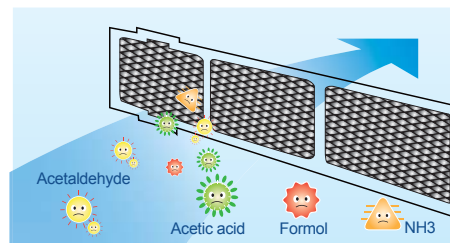


Fresh air, improved air quality

Reserved fresh air intake port for high quality air creates a comfortable and healthy environment.



Special enzyme sterilization and filtering technologies filter bacteria, smog, and pollen. Provide a clean, healthy and natural air supply.



Model		MDV-D18Q1 /N1-D	MDV-D22Q1 /N1-D	MDV-D28Q1 /N1-D	MDV-D36Q1 /N1-D	MDV-D45Q1 /N1-C	MDV-D56Q1 /N1-C
Power supply		1-phase, 220-240V, 50Hz					
Cooling capacity	kW	1.8	2.2	2.8	3.6	4.5	5.6
	kcal/h	1500	1900	2400	3100	3900	4800
	Btu/h	6100	7500	9600	12300	15400	19100
Heating capacity	kW	2.2	2.6	3.2	4	5	6.3
	kcal/h	1900	2200	2800	3400	4300	5400
	Btu/h	7500	8900	10900	13600	17100	21500
Rated input	Cooling	41	41	41	41	80	85
	Heating	41	41	41	41	80	85
Rated current	Cooling	0.24	0.24	0.25	0.25	0.37	0.39
	Heating	0.24	0.24	0.25	0.25	0.37	0.39
Airflow rate(H/M/L)	m ³ /h	523/404/275	523/404/275	573/456/315	573/456/315	704/630/503	860/810/702
	CFM	308/238/162	308/238/162	337/268/185	337/268/185	414/370/296	506/476/413
Sound pressure level(H/M/L)	dB(A)	37/34/30	38/34/30	39/37/34	40/38/34	41/39/35	42/40/36
Refrigerant	Type	R410A					
	Control method	EXV					
Indoor Unit	Net dim.(W×H×D)	1054×169×425				1147×200×640	
	Gross dim.(W×H×D)	1155×245×490				1380×265×775	
	NetGross	kg		12.5/16	13/16.5	31.5/37.2	
Panel	Net dim.(W×H×D)	mm		1180×36.5×465	1180×36.5×465	1425×10×755	
	Gross dim.(W×H×D)	mm		1232×107×517	1232×107×517	1500×110×870	
	NetGross	kg		3.5/5.2	3.5/5.2	9/12	
Piping connections	L(flare)	mm		Φ6.35	Φ6.35	Φ6.35	Φ9.53
	G(flare)	mm		Φ12.7	Φ12.7	Φ12.7	Φ15.9
	Drain piping	mm		OD Φ25	OD Φ25	OD Φ25	
Standard Controller		Wireless remote controller RM05/BG(T)E-A/E)					

Notes:

- Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent ref. Piping: 8m(horizontal)
- Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent ref. Piping: 8m(horizontal)
- Sound level is measured at 1.4m below the unit.

Two-way Cassette



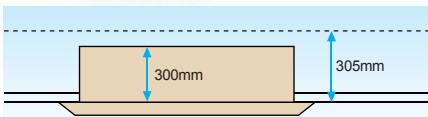
- Auto Restart
- Fresh Air
- Auto Addressing
- Cleanable Panel
- Follow Me
- Anti-Cold Air Function
- LED Display
- Super High Air Flow
- Built-in Drain Pump

Quiet operation

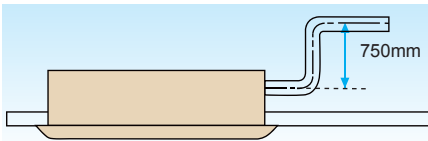
Optimized airflow duct with low resistance greatly reduces noise, minimum down to 24dB(A).

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.



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	W	57	57	60	92	108	154
	Heating		57	57	60	92	108	154
Rated current	Cooling	A	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)		1,355×400×675	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	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)		1,525×130×765	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	10.5/15
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9
	Drain piping	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32
Standard Controller	-	Wireless remote controller(RM05/BG(T)E-A)						

Notes:

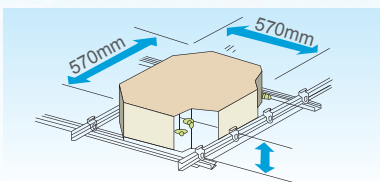
- Nominal cooling capacities are based on the following conditions: return air temperature : 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent ref. Piping: 8m(horizontal)
- Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent ref. Piping: 8m(horizontal)
- Sound level is measured at 1.4m below the unit.

Compact 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

Compact design, easy installation and maintenance



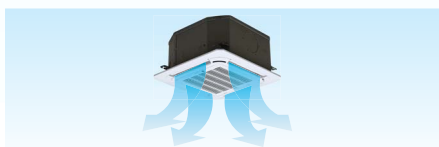
Extremely compact casing suits any room's decor and requires little space for installation on a low ceiling. Due to the compact body and light weight, all models can be installed without a hoist.

Quiet operation, gentle air supply



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

Four-way uniform airflow



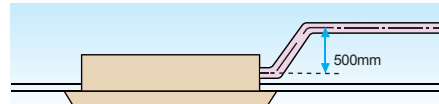
Four air discharge ports provide strong air flow circulation to cool or heat every corner of a room and evenly distribute temperature. High airflow mode can maximize the conditioning effect in rooms that are over 3m high.

360° Airflow outlet



360° air outlet provides strong air flow circulation to cool or heat every corner of a room and evenly distribute temperature.

Lift pump



Drain pump with a 500mm pump head is fitted as standard; maximum 600mm pump head is available.

Model		MDV-D15Q4/N1-A3	MDV-D22Q4/N1-A3	MDV-D28Q4/N1-A3	MDV-D36Q4/N1-A3	MDV-D45Q4/N1-A3	
Power supply		1-phase, 220-240V, 50Hz					
Cooling capacity	kW	1.5	2.2	2.8	3.6	4.5	
	kcal/h	1300	1900	2400	3100	3900	
	Btu/h	5100	7500	9600	12300	15400	
Heating capacity	kW	1.7	2.4	3.2	4	5	
	kcal/h	1500	2100	2700	3400	4300	
	Btu/h	5800	8200	10900	13600	17100	
Rated input	Cooling	W	36	50	50	56	56
	Heating		36	50	50	56	56
Rated current	Cooling	A	0.22	0.22	0.22	0.25	0.25
	Heating		0.22	0.22	0.22	0.25	0.25
Airflow rate(SH/H/M/L)	m ³ /h	501/435/283/208	522/414/313/238	522/414/313/238	610/521/409/314	610/521/409/314	
	CFM	295/256/167/98	307/244/184/140	307/244/184/140	359/307/241/185	359/307/241/185	
Sound pressure level(H/M/L)	dB(A)	34.9/32.5/22.5	35.8/33.4/23.4	35.8/33.4/23.4	41.5/35.6/28.8	41.5/35.6/28.8	
Refrigerant	Type	R410A					
	Control method	EXV					
Indoor Unit	Net dim.(W×H×D)	mm	570x260x570	570x260x570	570x260x570	570x260x570	570x260x570
	Gross dim.(W×H×D)		675x285x675	675x285x675	675x285x675	675x285x675	675x285x675
	NetGross		kg	16/19.5	16/20	16/20	18/22
Panel	Net dim.(W×H×D)	mm	647x50x647	647x50x647	647x50x647	647x50x647	647x50x647
	Gross dim.(W×H×D)		715x123x715	715x123x715	715x123x715	715x123x715	715x123x715
	NetGross		kg	2.4/4.5	2.4/4.5	2.4/4.5	2.4/4.5
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7
	Drain piping	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25
Standard Controller		Wireless remote controller (RM05/BG/T/E-A)					

Notes:

- Nominal cooling capacities are based on the following conditions: return air temperature : 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent ref. Piping: 8m(horizontal)
- Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent ref. Piping: 8m(horizontal)
- Sound level is measured at 1.4m below the unit.

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, gentle air supply

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



Four-stage fan speed



Easy troubleshooting

By adding digital tube on the display board, Error Codes can be displayed directly for troubleshooting.



Four-way uniform air flow

Four air discharge ports provide strong air flow circulation to cool or heat every corner of a room and evenly distribute temperature. High airflow mode can maximize the conditioning effect in rooms that are over 3m high.

360° Airflow outlet



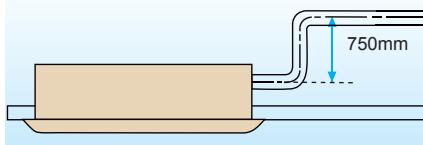
360° air outlet provides strong air flow circulation to cool or heat every corner of a room and evenly distribute temperature.

Reserved multi-function ports

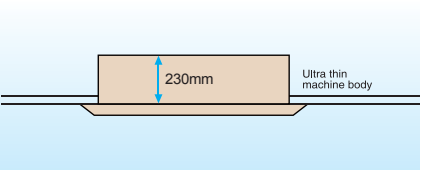


High lift pump

Drain pump can take condenser water up to 750mm, which simplifies installation of the drain piping system.



Ultra-thin machine body (minimum height 230mm) simplifies installation and maintenance.



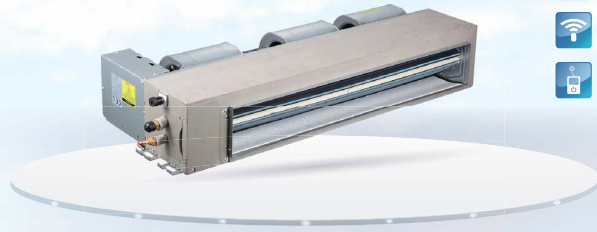
Model		MDV-D28Q4/N1-D	MDV-D36Q4/N1-D	MDV-D45Q4/N1-D	MDV-D56Q4/N1-D	MDV-D71Q4/N1-D	
Power supply		1-phase, 220-240V, 50Hz					
Cooling capacity	kW	2.8	3.6	4.5	5.6	7.1	
	kcal/h	2,400	3,100	3,900	4,800	6,100	
	Btu/h	9,600	12,300	15,400	19,100	24,200	
Heating capacity	kW	3.2	4.0	5.0	6.3	8.0	
	kcal/h	2,800	3,400	4,300	5,400	6,900	
	Btu/h	10,900	13,600	17,100	21,500	27,300	
Power input	Cooling	W	65	65	75	75	82
	Heating	W	65	65	75	75	82
Rated current	Cooling	A	0.4	0.4	0.4	0.4	0.5
	Heating	A	0.4	0.4	0.4	0.4	0.5
Airflow rate(SH/H/M/L)	m³/h	1,187/847/766/640	1,187/847/766/640	1,121/864/755/658	1,121/864/755/658	1,385/1,157/955/749	
	CFM	699/498/450/376	699/498/450/376	660/508/444/387	660/508/444/387	815/680/562/440	
Sound pressure level(H/M/L)	dB(A)	42/38/35	42/38/35	42/38/35	42/38/35	45/42/39	
	Type	R410A					
Refrigerant	Control method	EXV					
	Net dim.(W×H×D)	904×230×840	904×230×840	904×230×840	904×230×840	904×230×840	
Body	Gross dim.(W×H×D)	955×260×955	955×260×955	955×260×955	955×260×955	955×260×955	
	Net/gross	kg	24/28	24/28	26/30	26/30	26/30
Panel	Net dim.(W×H×D)	950×54.5×950	950×54.5×950	950×54.5×950	950×54.5×950	950×54.5×950	
	Gross dim.(W×H×D)	mm	1,000×60×1,000	1,000×60×1,000	1,000×60×1,000	1,000×60×1,000	1,000×60×1,000
Piping connections	Net/gross	kg	6/9	6/9	6/9	6/9	
	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ15.9	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)					

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, 50Hz					
Cooling capacity	kW	8.0	9.0	10.0	11.2	14.0	
	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	9.0	10.0	11.1	12.5	15.0	
	kcal/h	7,700	8,600	9,500	10,800	12,900	
	Btu/h	30,700	34,100	37,900	42,700	51,200	
Power input	Cooling	W	97	160	160	160	170
	Heating	W	97	160	160	160	170
Rated current	Cooling	A	0.5	0.7	0.7	0.7	0.8
	Heating	A	0.5	0.7	0.7	0.7	0.8
Airflow rate(SH/H/M/L)	m³/h	1,431/1,236/973/729	1,758/1,540/1,300/1,120	1,758/1,540/1,300/1,120	1,758/1,540/1,300/1,120	1,843/1,600/1,500/1,280	
	CFM	842/727/572/429	1,035/906/765/659	1,035/906/765/659	1,035/906/765/659	1,085/1,059/883/753	
Sound pressure level(H/M/L)	dB(A)	45/42/39	48/45/43	48/45/43	48/45/43	50/47/44	
	Type	R410A					
Refrigerant	Control method	EXV					
	Net dim.(W×H×D)	904×230×840	904×300×840	904×300×840	904×300×840	904×300×840	
Body	Gross dim.(W×H×D)	955×260×955	955×330×955	955×330×955	955×330×955	955×330×955	
	Net/gross	kg	26/30	32/37	32/37	32/37	32/37
Panel	Net dim.(W×H×D)	950×54.5×950	950×54.5×950	950×54.5×950	950×54.5×950	950×54.5×950	
	Gross dim.(W×H×D)	mm	1,000×60×1,000	1,000×60×1,000	1,000×60×1,000	1,000×60×1,000	1,000×60×1,000
Piping connections	Net/gross	kg	6/9	6/9	6/9	6/9	
	L(flare)	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	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)					

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent ref. Piping: 8m(horizontal)
2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent ref. Piping: 8m(horizontal)
3. Sound level is measured at 1.4m below the unit.

Low Static Pressure Duct



- Auto Restart
- Follow Me
- Auto Addressing
- Anti-Cold Air Function
- Wireless remote controller
- Super High Air Flow

Low sound level



Utilizes the centrifugal type blower, provides a minimum noise level of 24dB (A), an excellent choice for hotels and other sound-sensitive places.

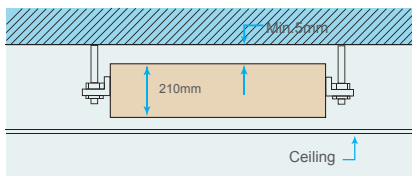
V shape evaporator-- good for heat exchanging

V shape evaporator design enhances heat exchanging efficiency about 22%.

Convenient for installation and maintenance

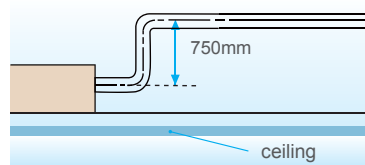
The EXV is fixed inside the indoor unit.

Compact design



Uniform 210mm in height, compact design for easy locate where space ceiling is limited, The whole body adopts fireproof plastic material, the minimum weight is 14kg.

Options



A drain pump with 750mm pumphead is an optional accessory.

Model		MDV-D18T3/N1-C	MDV-D22T3/N1-C	MDV-D28T3/N1-C	MDV-D36T3/N1-C	MDV-D45T3/N1-C	MDV-D56T3/N1-C	MDV-D71T3/N1-C	
Power supply		220-240V~1Ph~50Hz							
Cooling capacity	kW	1.8	2.2	2.8	3.6	4.5	5.6	7.1	
	kcal/h	1500	1900	2400	3100	3900	4800	6100	
	Btu/h	6100	7500	9600	12300	15400	19100	24200	
	kW	2.2	2.6	3.2	4	5	6.3	8	
Heating capacity	kcal/h	1900	2200	2800	3400	3900	5400	6900	
	Btu/h	7500	8900	10900	13600	17100	21500	27300	
Rated input	Cooling	W	59	59	59	65	105	105	130
	Heating		59	59	59	65	105	105	130
Rated current	Cooling	A	0.31	0.31	0.31	0.36	0.36	0.36	0.5
	Heating		0.31	0.31	0.31	0.36	0.36	0.36	0.5
Airflow rate(SH/H/M/L)	m³/h	606(30pa)/578/512/409			646(30pa)/617/551/441		803(pa)/824/690/609		1207(30pa)/1060/970/811
	CFM	357/340/301/241			380/363/324/260		473/485/406/358		710/624/571/477
External Static Pressure	Pa	10(10~30)	10(10~30)	10(10~30)	10(10~30)	10(10~30)	10(10~30)	10(10~30)	
Sound pressure level (H/M/L)	dB(A)	35/27/24	35/27/24	35/27/24	38/32/28	39/32/29	39/32/29	41/33/30	
Refrigerant type	Type	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Control type	EXV	EXV	EXV	EXV	EXV	EXV	EXV	
Indoor unit	Dimension (W×H×D)	mm	740×210×470	740×210×470	740×210×470	740×210×470	960×210×470	960×210×470	1180×210×470
	Packing (W×H×D)	mm	910×230×510	910×230×510	910×230×510	910×230×510	1130×230×510	1130×230×510	1350×230×510
	Net(Gross) weight	kg	14/17.5	14/17.5	14/17.5	14/17.5	17.5/22	17.5/22	21/26.5
	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53
Piping connections	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9
	Drain piping	mm	Φ25	Φ25	Φ25	Φ25	Φ25	Φ25	Φ25
Standard Controller	Wireless remote controller (RM05/BG(T)E-A)								

Notes:

- Nominal cooling capacities are based on the following conditions: return air temp.: 27°CDB, 19°CWB, and outdoor temp.: 35°CDB, equivalent ref. piping: 8m (horizontal)
 - Nominal heating capacities are based on the following conditions: return air temp.: 20°CDB, outdoor temp.: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
 - Sound level is measured at 1.4m below the air outlet.
- * External static pressure is based on high speed indoor air flow.

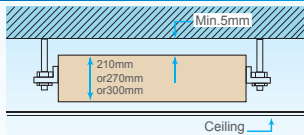


Concealed Duct Unit (A5 Type)



- Auto Restart
- Fresh Air
- Follow Me
- Anti-Cold Air Function
- Built-in Drain Pump
- Wired Controller
- Auto Addressing
- Super High Air Flow
- Connectable To Duct

Compact size



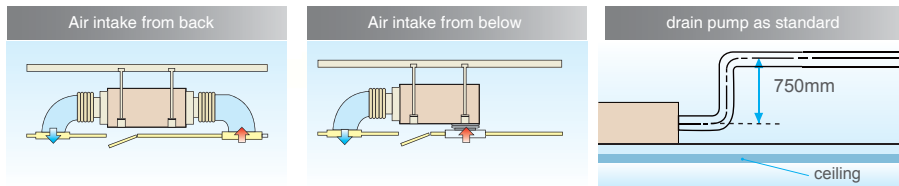
Only 210mm (15~71 models) or 270mm (80 to 112 models) or 300mm (140 model) in height.

External static pressure

Four speed fan motor (Super high speed is optional)
Change the wiring connection from 'SH' to 'H' to change the ESP.

Convenient installation

The EXV is fixed inside of the indoor unit.
Standard filter is housed in an aluminum frame, which is removable from the bottom in the downward direction.
Suction chamber is included as standard equipment.
Fresh air hole, air inlet/outlet flange are standard for easy duct connection.
A rear air inlet is standard and an inlet at the bottom is optional. Both use the same connectable duct.



Flexible control and easy maintenance

Standard wired remote controller KJR-29B1/BK-E.
The electrical control box can be removed 1m away from the unit for easy maintenance access. Customers need to request this service in advance for it is done at Midea CAC factory.
Standard functional ports are included such as Remote On/Off Dry contact switch and Alarm signal output (220V).

Model		MDV-D15T2 /N1-DA5	MDV-D22T2 /N1-DA5	MDV-D28T2 /N1-DA5	MDV-D36T2 /N1-DA5	MDV-D45T2 /N1-DA5	MDV-D56T2 /N1-DA5	
Power supply		1-phase,220-240V,50Hz						
Cooling capacity	kW	1.5	2.2	2.8	3.6	4.5	5.6	
	kcal/h	1290	1900	2400	3100	3900	4800	
	Btu/h	5100	7500	9600	12300	15400	19100	
Heating capacity	kW	1.7	2.6	3.2	4	5	6.3	
	kcal/h	1500	2200	2800	3400	4300	5400	
	Btu/h	5800	8900	10900	13600	17100	21500	
Rated input	Cooling	W	56	57	57	61	98	103
	Heating	W	56	57	57	61	98	103
Rated current	Cooling	A	0.31	0.31	0.31	0.33	0.36	0.36
	Heating	A	0.31	0.31	0.31	0.33	0.36	0.36
Airflow rate(SH/H/ML)	m ³ /h	588(30pa)/538/456/375			614(30pa)/597/514/429	763(30pa)/811/684/575	763(30pa)/811/684/575	
	CFM	346/317/268/221			361/351/303/253	449/477/403/338	449/477/403/338	
ESP(external static pressure)	Pa	10(10-30)	10(10-30)	10(10-30)	10(10-30)	10(10-30)	10(10-30)	
Sound pressure level(H/ML)	dB(A)	35.8/34.6/31.4	36/35/32	37/35/32	38.6/37.5/33.8	39/37.9/34	39/37.9/34	
Refrigerant	Type	R410A						
	Control method	EXV						
Indoor Unit	Net dim.(W×H×D)	mm	740x210x500	740x210x500	740x210x500	740x210x500	960x210x500	960x210x500
	Gross dim.(W×H×D)	mm	870×285×525	870×285×525	870×285×525	870×285×525	1,115x285x525	1,115x285x525
	NetGross	kg	17.5/20.5	17.5/20	17.5/20	17.5/20	22.5/26	22.5/26
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9
	Drain piping	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25
Standard Controller	Wired controller KJR-29B1/BK-E (6 meters connection wire)							

Model		MDV-D71T2/N1-DA5	MDV-D80T2/N1-BA5	MDV-D90T2/N1-BA5	MDV-D112T2/N1-BA5	MDV-D140T2/N1-BA5	
Power Supply		220 - 240V-1Ph-50Hz					
Capacity	Cooling	kW	7.1	8	9	11.2	14
		kcal/h	6,100	6,900	7,700	9,600	12,000
		btu/h	24,200	27,300	30,700	38,200	47,800
	Heating	kW	8	9	10	12.5	15.5
		kcal/h	6,900	7,700	8,600	10,800	13,300
		Btu/h	27,300	30,700	34,100	42,700	52,900
Power (Cooling)	Input	W	105	198	200	313	274
	Rated Current	A	0.47	1.0	1.0	1.8	1.55
Power (Heating)	Input	W	105	198	200	313	274
	Rated Current	A	0.47	1.0	1.0	1.8	1.55
Indoor air flow (SH/H/ML)	m ³ /h	1127(30pa)/1029/934/781	1388(50pa)/1345/1165/1013	1388(50pa)/1345/1165/1013	1851(80pa)/1800/1556/1400	1745(100pa)/1905/1636/1400	
	CFM	663/606/550/460	817/792/686/596	817/792/686/596	1,089/1,059/916/824	1,027/1,121/963/824	
ESP (external static pressure)	Pa	10(10-30)	20(10-50)	20(10-50)	40(10-80)	40(10-100)	
Sound pressure level(H/ML)	dB(A)	41.4/39/35	45.4/39.8/37	45.4/39.8/37	48.0/41.9/38	47.7/43.2/39.0	
Refrigerant	Type	R410A					
	Control method	EXV					
Net dimension	W×H×D	mm	1,180×210×500	1,230×270×775	1,230×270×775	1,230×270×775	1,290×300×865
Packing dimension	W×H×D	mm	1,335×285×525	1,355×350×795	1,355×350×795	1,355×350×795	1,400×375×925
Net/Gross Weight	kg	28/31.5	38/46.5	40/48	40/48	49/58	
Piping Connections	L(flare)	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
	G(Flare)	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25
Standard Controller	-						Wired controller KJR-29B1/BK-E (6 meters connection wire)

Notes:

- Nominal cooling capacities are based on the following conditions: return air temperature: 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 temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
- Sound level is measured at 1.4m below the air out-let.
- External static pressure is based on high speed indoor air flow.
- Specifications are subject to change without prior notice for product improvement.

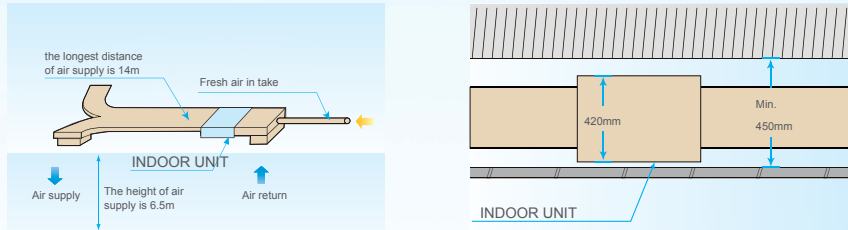
High Static Pressure Duct



- Auto Restart
- Anti-Cold Air Function
- Auto Addressing
- Connectable To Duct
- Follow Me
- Wired Controller

Flexible duct design

External static pressure can be up to 196Pa (models 71 to 160) or 280Pa (models 200 to 560).



The maximum distance for air supply is about 14m at height of 6.5m. With a 420mm (models 71 to 160) thick body, the minimum distance required above the ceiling is 450mm.

Greater flexibility with the four-speed fan

Four speed fan motor(model 71 to 160)

Convenient installation

The EXV is fixed inside the indoor unit (models 70-160), requires no extra connection. Standard filter is housed in an aluminum frame, which is removable from the bottom in the downward direction. Flange for air in/outlet duct connection is standard.

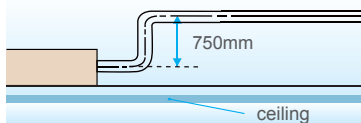
Flexible control and convenient for maintenance

Wired remote controller KJR-29B1/BK-E is as standard, and wireless remote controller RM05/BG(T)E-A is as an option.

The display board is connected to the E-box in factory, easier troubleshooting by LED display.

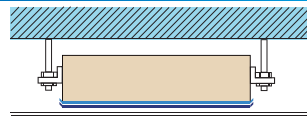
Easy access filters both at the rear & bottom
Standard functional port such as remote on/off dry contact.

Option



Drain pump with 750mm pump head is optional (models 71 to 160)

Double-skin drainage pan



Double-skin drainage pan provide double protection for ceilings (models 71 to 160 and models 400 to 560)

Model		MDV-D71T1/N1-B	MDV-D80T1/N1-B	MDV-D90T1/N1-B	MDV-D112T1/N1-B	MDV-D140T1/N1-B	MDV-D160T1/N1-B	
Power Supply		220 ~ 240V-1Ph-50Hz						
Capacity	Cooling	kW	7.1	8	9	11.2	14	16
		kcal/h	6,100	6,900	7,700	9,600	12,000	13,800
	Btu/h	24,200	27,300	30,700	38,200	47,800	54,600	
	Heating	kW	8	9	10	12.5	16	17
kcal/h		6,900	7,700	8,600	10,800	13,800	14,600	
Btu/h	27,300	30,700	34,100	42,700	54,600	58,000		
Power (Cooling)	Input	W	263	263	423	524	724	940
	Rated Current	A	1.23	1.23	1.87	2.3	2.85	4.77
Power (Heating)	Input	W	263	263	423	524	724	940
	Rated Current	A	1.23	1.23	1.87	2.3	2.85	4.77
Indoor air flow (H/M/L)		m ³ /h	1,443/1,361/1,218	1,416/1,338/1,220	1,951/1,741/1,518	2,116/1,936/1,520	3,000/2,618/2,226	3,620/3,044/2,744
		CFM	849/801/717	883/788/718	1,148/1,025/893	1,246/1,140/895	1,766/1,541/1,310	2,131/1,792/1,615
ESP (external static pressure)		Pa	25(25~ 196)	37(37~ 196)	37(37~ 196)	50(50~ 196)	50(50~ 196)	50(50~ 196)
Sound pressure level(H/M/L)		dB(A)	48/46/44	48/46/44.5	52/49/47	52/49/47	53/50/48	54/52/50
Refrigerant	Type	R410A						
	Control method	EXV						
Net dimension	W×H×D	mm	952×420×690	952×420×690	952×420×690	952×420×690	1,300×420×691	1,300×420×691
Packing dimension	W×H×D	mm	1,090×440×768	1,090×440×768	1,090×440×768	1,090×440×768	1,436×450×768	1,436×450×768
Net/Gross Weight		kg	45/50	45/50	46.5/52.4	50.6/56	68/70	70/77.5
Piping Connections	L(flare)	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32
Standard Controller		-	Wired controller KJR-29B1/BK-E (6 meters connection wire)					

Model		MDV-D200T1/N1-B	MDV-D250T1/N1-B	MDV-D280T1/N1-B	MDV-D400T1/N1	MDV-D450T1/N1	MDV-D560T1/N1	
Power Supply		220 ~ 240V-1Ph-50Hz						
Capacity	Cooling	kW	20	25	28	40	45	56
		kcal/h	17,200	21,500	24,100	34,400	38,700	48,200
	Btu/h	68,200	85,300	95,500	136,500	153,500	191,100	
	Heating	kW	22.5	26	31.5	45	50	63
kcal/h		19,400	22,400	27,100	38,700	43,000	54,200	
Btu/h	76,800	88,700	107,500	153,500	170,600	214,960		
Power (Cooling)	Input	W	1516	1516	1516	2700	2700	3400
	Rated Current	A	8.6	8.6	8.6	12.5	12.5	15.5
Power (Heating)	Input	W	1516	1516	1516	2700	2700	3400
	Rated Current	A	8.6	8.6	8.6	12.5	12.5	15.5
Indoor air flow (H/M/L)		m ³ /h	3,840/3,595/2,970	3,840/3,595/2,970	3,840/3,595/2,970	7,472/6,072/4,995	7,472/6,072/4,995	9,550/7,950/6,600
		CFM	2,260/2,116/1,748	2,260/2,116/1,748	2,260/2,116/1,748	4,398/3,574/2,940	4,398/3,574/2,940	5,621/4,679/3,884
ESP (external static pressure)		Pa	200(50~280)	200(50~280)	200(50~280)	200(50~280)	200(50~280)	
Sound pressure level(H/M/L)		dB(A)	59/55/52	59/55/52	59/55/52	61/59/56	61/59/56	63/60/57
Refrigerant	Type	R410A						
	Control method	EXV						
Net dimension	W×H×D	mm	1,443×470×810	1,443×470×810	1,443×470×810	1,970×668×902.5	1,970×668×902.5	
Packing dimension	W×H×D	mm	1,509×550×990	1,509×550×990	1,509×550×990	2,095×800×964	2,095×800×964	
Net/Gross Weight		kg	115/129	115/129	115/129	232/245	232/245	
Piping Connections	L(flare)	mm	Φ9.53×2	Φ9.53×2	Φ9.53×2	Φ12.7×2	Φ12.7×2	
	G(flare)	mm	Φ15.9×2	Φ15.9×2	Φ15.9×2	Φ22.2×2	Φ22.2×2	
	Drain piping	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	ODΦ32	
Standard Controller		-	Wired controller KJR-29B1/BK-E (6 meters connection wire)					

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, and outdoor temperature: 35°CDB, equivalent ref. piping: 8m (horizontal)
 2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
 3. Sound level is measured at 1.4m below the air out-let.
- * External static pressure is based on high speed indoor air flow.
* Specifications are subject to change without prior notice for product improvement.

Ceiling & Floor



- Auto Restart
- LED Display
- Auto Addressing
- Cleanable Panel
- Follow Me
- Anti-Cold Air Function

Panel with LED display

The front panel and display panel have different colors to choose: white and brown for big panel, blue and brown for small panel. Other colors are available if required.

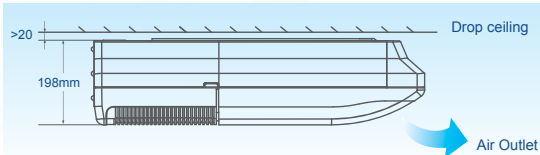
Convenient installation

- The unit even can be easily installed at the corner of a narrow ceilings.
- It is especially useful when central installation is impossible due to features such as lights.



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

Quiet and comfortable environment



- The slim and sleek design starting at just 30kg enables quick, easy and neat installation.
- Low noise operations; minimum 36 dB(A)

Auto swing and wide angle air flow



1. Auto horizontal and auto vertical swing functions for more even and comfortable airflow.
2. Three air flow speeds: low, medium and high; double air guides.
3. Adopt electrical expansion valve, ensuring precise flow control, lower modulation noise when EXV operating.
4. Smoother airflow and less turbulence due to the multi-blade fan and the air guide design.

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	4,300	5,400	6,800	7,700
	Btu/h	13,600	17,100	21,500	27,300	30,700
Power input	Cooling	49	120	122	125	130
	Heating	49	120	122	125	130
Rated current	Cooling	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)	m ³ /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
	G(flare)	mm	Φ12.7	Φ12.7	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)				

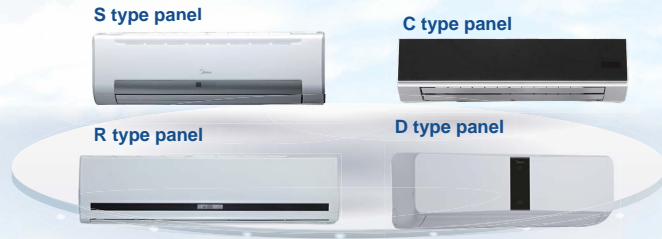
Model		MDV-D90DL/N1-C	MDV-D112DL/N1-C	MDV-D140DL/N1-C	MDV-D160DL/N1-C
Power supply		1-phase, 220-240V, 50Hz			
Cooling capacity	kW	9	11.2	14	16
	kcal/h	7,700	9,600	13,300	13,800
	Btu/h	30,700	38,200	47,800	54,600
Heating capacity	kW	10	12.5	15	18
	kcal/h	8,600	10,800	12,900	15,500
	Btu/h	34,100	42,700	51,200	61,400
Power input	Cooling	130	182	182	300
	Heating	130	182	182	300
Rated current	Cooling	0.83	1.11	1.11	1.41
	Heating	0.83	1.11	1.11	1.41
Airflow rate(H/M/L)	m ³ /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
	G(flare)	mm	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	ODΦ16	ODΦ16	ODΦ16
Standard Controller	-	Wireless remote controller(RM05/BG(T)E-A)			

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, and outdoor temperature: 35°CDB, equivalent ref. piping: 8m (horizontal)
2. 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)
3. 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.

Wall-mounted



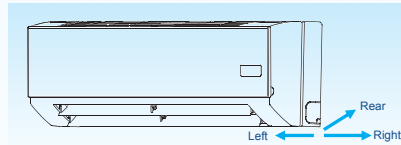
- Auto Restart
- Auto Addressing
- Cleanable Panel
- Anti-Cold Air Function
- Follow Me
- LED Display

Panel with LED display

The front panel and display panel have different colors to choose: white and brown for big panel, blue and brown for small panel.

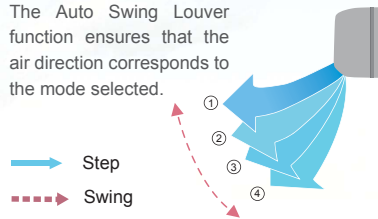
Convenient installation

- Multi-refrigerant outlet pipe method: left/right/rear, more flexible for installation.
- For S panel, R panel & C panel, the EXV is built-in the indoor unit, compact size, longer the connection pipe; gas pipe: 468mm; liquid pipe: 550mm, more flexible for installation. For D panel, the EXV can be 5m far away from the indoor unit, which lower the noise.
- Adopts new type fixing plate, is easy to install and stable.



Auto swing louver

The Auto Swing Louver function ensures that the air direction corresponds to the mode selected.



Easy maintenance

The front panel can be removed for easy maintenance access.



Optimal comfort through better flow control and quiet operations

The mechanical expansion valve offers 2,000-stage element positions to ensure precise flow control and less modulation noise when the EXV is operating for a quiet and comfortable environment. Three air flow speeds: low, medium and high; double air guides. Smoother airflow and less turbulence is ensured by the multi-blade fan and the air guide design.



S type panel

Model		MDV-D15G/N1-S	MDV-D22G/N1-S	MDV-D28G/N1-S	MDV-D36G/N1-S	MDV-D45G/N1-S	MDV-D56G/N1-S
Power supply		1-phase, 220-240V, 50Hz					
Cooling capacity	kW	1.5	2.2	2.8	3.6	4.5	5.6
	kcal/h	1290	1900	2400	3100	3900	4800
	Btu/h	5100	7500	9600	12300	15400	19100
Heating capacity	kW	1.7	2.4	3.2	4	5	6.3
	kcal/h	1470	2100	2800	3400	4300	5400
	Btu/h	5800	8200	10900	13600	17100	21500
Rated input	Cooling	W	28	28	28	45	45
	Heating	W	28	28	28	45	45
Rated current	Cooling	A	0.12	0.14	0.14	0.14	0.2
	Heating	A	0.12	0.14	0.14	0.14	0.2
Airflow rate (H/M/L)	m ³ /h	427/389/336	525/480/430	525/480/430	590/520/480	860/755/630	925/860/755
	CFM	251/229/198	309/283/253	309/283/253	347/306/283	506/444/371	544/506/444
Sound pressure level (H/M/L)	dB(A)	33/31/28	35/32/29	35/32/29	35/32/29	40/38/34	40/38/34
Refrigerant	Type	R410A					
	Control method	EXV					
Indoor Unit	Net dim.(W×H×D)	mm	915×230×290	915×230×290	915×230×290	915×230×290	1072×230×315
	Gross dim.(W×H×D)	mm	1,020×315×390	1,020×315×390	1,020×315×390	1,020×315×390	1,180×315×415
	NetGross	kg	12.4/15.9	13/16.8	13/16.8	13/16.8	15.1/19.5
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	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5
Standard Controller	Wireless remote controller (RM05/BG(T)E-A)						

Model		MDV-D22G/DN1-S	MDV-D28G/DN1-S	MDV-D36G/DN1-S	MDV-D45G/DN1-S	MDV-D56G/DN1-S
Power supply		1-phase, 220-240V, 50Hz				
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6
	kcal/h	1,900	2,400	3,100	3,900	4,800
	Btu/h	7,500	9,600	12,300	15,400	19,100
Heating capacity	kW	2.4+0.75	3.2+0.75	4+0.75	5+0.9	6.3+0.9
	kcal/h	2,100+600	2,800+600	3,400+600	4,300+800	5,400+800
	Btu/h	8,200+2,600	10,900+2,600	13,600+2,600	17,100+3,100	21,500+3,100
Power input	Cooling	W	28	28	28	45
	Heating	W	28	28	28	45
Rated current	Cooling	A	0.14	0.14	0.14	0.2
	Heating	A	0.14+3.38	0.14+3.38	0.14+3.38	0.20+4.05
Airflow rate (H/M/L)	m ³ /h	525/480/430	525/480/430	590/520/480	860/755/630	925/860/755
	CFM	309/283/253	309/283/253	347/306/283	506/444/371	544/506/444
Sound pressure level (H/M/L)	dB(A)	35/32/29	35/32/29	35/32/29	40/38/34	40/38/34
Refrigerant	Type	R410A				
	Control method	EXV				
Net dimension (W×H×D)	mm	915×230×290	915×230×290	915×230×290	1,072×230×315	1,072×230×315
Packing dimension (W×H×D)	mm	1,020×315×390	1,020×315×390	1,020×315×390	1,180×315×415	1,180×315×415
Net weight	kg	13.3	13.3	13.3	15.5	15.5
Gross weight	kg	17.1	17.1	17.1	19.9	19.9
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7
	Drain piping	mm	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5
Standard Controller	Wireless remote controller (RM05/BG(T)E-A)					

Notes:

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, and outdoor temperature: 35°CDB, equivalent ref. piping: 8m (horizontal)
2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
3. Sound level is measured 1m below the air outlet horizontally and vertically.

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

C type panel

Model		MDV-D22G/N1YB	MDV-D28G/N1YB	MDV-D36G/N1YB	MDV-D45G/N1YB	MDV-D56G/N1YB	
Power supply		1-phase, 220-240V, 50Hz					
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	
	kcal/h	1,900	2,400	3,100	3,900	4,800	
	Btu/h	7,500	9,600	12,300	15,400	19,100	
Heating capacity	kW	2.4	3.2	4	5	6.3	
	kcal/h	2,100	2,800	3,400	4,300	5,400	
	Btu/h	8,200	10,900	13,600	17,000	21,500	
Power input	Cooling	W	28	28	28	45	45
	Heating	W	28	28	28	45	45
Rated current	Cooling	A	0.14	0.14	0.14	0.2	0.2
	Heating	A	0.14	0.14	0.14	0.2	0.2
Airflow rate(H/M/L)	m³/h	520/480/430	520/480/430	520/480/430	860/755/630	925/860/755	
	CFM	306/283/253	306/283/253	306/283/253	506/444/371	544/506/444	
Sound pressure level(H/M/L)	dB(A)	35/32/29	35/32/29	35/32/29	40/38/34	40/38/34	
Refrigerant	Type	R410A					
	Control method	EXV					
Net dimension(W×H×D)	mm	915×210×290	915×210×290	915×210×290	1,070×210×315	1,070×210×315	
Packing dimension(W×H×D)	mm	1,020×300×385	1,020×300×385	1,020×300×385	1,165×285×395	1,165×285×395	
Net weight	kg	12	12	12	15	15	
Gross weight	kg	16	17.5	17.5	19	18	
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	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5
Standard Controller	-	Wireless remote controller(RM05/BG(T)E-A)					

Model		MDV-D22G/DN1YB	MDV-D28G/DN1YB	MDV-D36G/DN1YB	MDV-D45G/DN1YB	MDV-D56G/DN1YB	
Power supply		1-phase, 220-240V, 50Hz					
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	
	kcal/h	1,900	2,400	3,100	3,900	4,800	
	Btu/h	7,500	9,600	12,300	15,400	19,100	
Heating capacity	kW	2.4+0.75	3.2+0.75	4+0.75	5+0.9	6.3+0.9	
	kcal/h	2,100+600	2,800+600	3,400+600	4,300+800	5,400+800	
	Btu/h	8,200+2,600	10,900+2,600	13,600+2,600	17,100+3,100	21,500+3,100	
Power input	Cooling	W	28	28	28	45	45
	Heating	W	28	28	28	45	45
Rated current	Cooling	A	0.14	0.14	0.14	0.2	0.2
	Heating	A	0.14+3.38	0.14+3.38	0.14+3.38	0.2+4.05	0.2+4.25
Airflow rate(H/M/L)	m³/h	520/480/430	520/480/430	520/480/430	860/755/630	925/860/755	
	CFM	306/283/253	306/283/253	306/283/253	506/444/371	544/506/444	
Sound pressure level(H/M/L)	dB(A)	35/32/29	35/32/29	35/32/29	40/38/34	40/38/34	
Refrigerant	Type	R410A					
	Control method	EXV					
Net dimension(W×H×D)	mm	915×210×290	915×210×290	915×210×290	1,070×210×315	1,070×210×315	
Packing dimension(W×H×D)	mm	1,020×300×385	1,020×300×385	1,020×300×385	1,165×285×395	1,165×285×395	
Net weight	kg	12	12	12	15	15	
Gross weight	kg	17.5	17.5	17.5	19	19	
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	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5
Standard Controller	-	Wireless remote controller(RM05/BG(T)E-A)					

Notes:

- Nominal cooling capacities are based on the following conditions: return air temperature: 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 temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
 - Sound level is measured 1m below the air outlet horizontally and vertically.
- * Specifications are subject to change without prior notice for product improvement.

R type panel

Model		MDV-D71G-R3/N1Y	MDV-D80G-R3/N1Y	MDV-D90G-R3/N1Y	
Power supply		1-phase, 220-240V, 50Hz			
Cooling capacity	kW	7.1	8	9	
	kcal/h	6,100	6,900	7,700	
	Btu/h	24,200	27,300	30,700	
Heating capacity	kW	8	9	10	
	kcal/h	6,900	7,700	8,600	
	Btu/h	27,300	30,700	34,100	
Power input	Cooling	W	75	86	
	Heating	W	75	86	
Rated current	Cooling	A	0.33	0.39	
	Heating	A	0.33	0.39	
Airflow rate(H/M/L)	m³/h	1190/780/580	1,320/840/640	1,320/840/640	
	CFM	700/459/341	776/494/376	776/494/376	
Sound pressure level(H/M/L)	dB(A)	47/43/42	48/43/38	49/43/38	
Refrigerant	Type	R410A			
	Control method	EXV			
Net dimension(W×H×D)	mm	1,250×245×325	1,250×245×325	1,250×245×325	
Packing dimension(W×H×D)	mm	1,345×335×430	1,345×335×430	1,345×335×430	
Net weight	kg	19.9	19.9	19.9	
Gross weight	kg	25	25	25	
Piping connections	L(flare)	mm	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	OD Φ16.5	OD Φ16.5	OD Φ16.5
Standard Controller	-	Wireless remote controller(RM05/BG(T)E-A)			

D type panel

Model		MDV-D22G /N1Y-11D5	MDV-D28G /N1Y-11D5	MDV-D36G /N1Y-11D5	MDV-D45G /N1Y-11D5	MDV-D56G /N1Y-11D5	MDV-D71G /N1Y-11D5	
Power supply		1-phase, 220-240V, 50Hz						
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	
	kcal/h	1900	2400	3100	3900	4800	6100	
	Btu/h	7500	9600	12300	15400	19100	24200	
Heating capacity	kW	2.4	3.2	4	5	6.3	8	
	kcal/h	2100	2800	3400	4300	5400	6900	
	Btu/h	8200	10900	13600	17100	21500	27300	
Rated input	Cooling	W	25	29.9	38.7	42.1	61.7	79
	Heating	W	25	29.9	38.7	42.1	0.3	0.35
Rated current	Cooling	A	0.13	0.15	0.18	0.21	61.7	79
	Heating	A	0.13	0.15	0.18	0.21	0.3	0.35
Airflow rate (H/M/L)	m³/h	367/295/263	491/403/341	576/419/360	724/511/436	1,056/883/741	1,182/842/702	
	CFM	216/174/155	289/237/201	339/247/212	426/301/257	622/520/436	696/496/413	
Sound pressure level(H/M/L)	dB(A)	33/31/28	33/31/28	33/31/28	38/36/32	38/36/32	43/41/38	
Refrigerant	Type	R410A						
	Control method	EXV						
Indoor Unit	Net dim.(W×H×D)	mm	680×180×255	770×190×255	770×190×255	905×205×275	1,030×220×315	1,030×220×315
	Gross dim.(W×H×D)	mm	885×310×395	975×310×395	975×310×395	1,110×310×395	1,240×310×415	1,240×310×415
	NetGross	kg	6.5/11.9	7.4/12.8	7.4/12.8	9.1/14.7	12.9/19.2	12.9/19.2
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9
	Drain piping	mm	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16
Standard Controller	-	Wireless remote controller (RM05/BG(T)E-A)						

Notes:

- Nominal cooling capacities are based on the following conditions: return air temperature: 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 temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
 - Sound level is measured 1m below the air outlet horizontally and vertically.
- * Specifications are subject to change without prior notice for product improvement.

Floor Standing



- Auto Restart
- Cleanable Panel
- Auto Addressing
- Anti-Cold Air Function
- Follow Me
- LED Display

Easy installation

Floor standing types can be hung on the wall or installed on the floor. The floor type of unit can make cleaning and maintenance much easier. Running the piping from the rear allows the unit to be hung on walls. Cleaning under the unit, where dust tends to accumulate, is considerably easier.

Easy maintenance

Filter is provided as a standard accessory. It can be removed and cleaned easily thanks to Midea's sophisticated design and the product's removable blades.

The streamlined appearance harmonizes the unit with a given room's interior decor. All metal parts are made of commercial grade galvanized steel for maximum protection against corrosion.

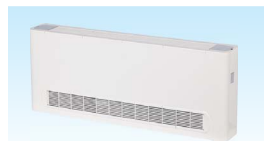
Saves installation space

Concealed floor standing type



F3B series concealed type

The body is concealed in the skirting board to improve aesthetics. The body is just 212mm deep, and can be installed at the room's perimeter. Special installation methods eliminate noise in the room area.



Air intake from front(F4 series)



Air intake from below(F5 series)

Model		MDV-D22Z/ N1-F3B	MDV-D28Z/ N1-F3B	MDV-D36Z/ N1-F3B	MDV-D45Z/ N1-F3B	MDV-D56Z/ N1-F3B	MDV-D71Z/ N1-F3B	MDV-D80Z/ N1-F3B	
Power supply		1-phase, 220-240V, 50Hz							
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	8	
	kcal/h	1900	2400	3100	3900	4800	6100	6900	
	Btu/h	7500	9600	12300	15400	19100	24200	27300	
Heating capacity	kW	2.4	3.2	4	5	6.3	8	9	
	kcal/h	2100	2800	3400	4300	5400	6900	7700	
	Btu/h	8200	10900	13600	17100	21500	27300	30700	
Rated input	Cooling	W	40	46	46	49	88	130	130
	Heating	W	40	46	46	49	88	130	130
Rated current	Cooling	A	0.18	0.21	0.22	0.22	0.4	0.56	0.59
	Heating	A	0.18	0.21	0.22	0.22	0.4	0.56	0.59
Airflow rate(H/M/L)	m³/h	530/456/400	569/485/421	624/522/375	660/542/440	1150/970/830	1380/1100/870	1380/1100/870	
	CFM	312/268/235	335/285/248	367/307/221	388/319/259	677/571/489	812/647/512	812/647/512	
Sound pressure level (H/M/L)	dB(A)	36/33/29	36/33/29	37/34/30	37/34/30	41/35/31	44/39/33	44/39/33	
Refrigerant	Type	R410A							
	Control method	EXV							
Indoor Unit	Net dim.(W×H×D)	mm	840×544×212	840×544×212	1036×544×212	1036×544×212	1336×544×212	1336×544×212	1336×544×212
	Gross dim.(W×H×D)	mm	939×639×305	939×639×305	1139×639×305	1139×639×305	1425×639×305	1425×639×305	1425×639×305
	Net/Gross	kg	25/27	25/27	29.5/34	29.5/34	33/39	33/39	36/40
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16
Standard Controller	Wireless remote controller (RM05/BG(T)E-A)								

Model		MDV-D22Z/N1-F4	MDV-D28Z/N1-F4	MDV-D36Z/N1-F4	MDV-D45Z/N1-F4	MDV-D56Z/N1-F4	MDV-D71Z/N1-F4	MDV-D80Z/N1-F4	
Model		MDV-D22Z/N1-F5	MDV-D28Z/N1-F5	MDV-D36Z/N1-F5	MDV-D45Z/N1-F5	MDV-D56Z/N1-F5	MDV-D71Z/N1-F5	MDV-D80Z/N1-F5	
Power supply		1-phase, 220-240V, 50Hz							
Cooling capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1	8	
	kcal/h	1,900	2,400	3,100	3,900	4,800	6,100	6,900	
	Btu/h	7,500	9,500	12,300	15,400	19,100	24,200	27,300	
Heating capacity	kW	2.4	3.2	4	5	6.3	8	9	
	kcal/h	2,100	2,800	3,400	4,300	5,400	6,900	7,700	
	Btu/h	8,200	10,900	13,600	17,100	21,500	27,300	30,700	
Power input	Cooling	W	40	46	46	49	88	130	130
	Heating	W	40	46	46	49	88	130	130
Rated current	Cooling	A	0.18	0.19	0.22	0.22	0.43	0.63	0.63
	Heating	A	0.18	0.19	0.22	0.22	0.43	0.63	0.63
Airflow rate(H/M/L)	m³/h	530/456/400	569/485/421	624/522/375	660/542/440	1,150/970/830	1,380/1,100/870	1,380/1,100/870	
	CFM	312/268/235	335/285/248	367/307/221	388/319/259	677/571/489	812/647/512	812/647/512	
Sound pressure level(H/M/L)	F4	dB (A)	36/33/29	36/33/29	37/34/30	37/34/30	41/35/31	44/39/33	44/39/33
	F5	dB (A)	36/33/29	36/33/29	37/34/30	37/34/30	41/35/31	44/39/33	44/39/33
Refrigerant	Type	R410A							
	Control method	EXV							
Net dimension (W×H×D)	F4	mm	1,000×625×220	1,000×625×220	1,200×625×220	1,200×625×220	1,500×625×220	1,500×625×220	1,500×625×220
	F5	mm	1,000×625×220	1,000×625×220	1,200×625×220	1,200×625×220	1,500×625×220	1,500×625×220	1,500×625×220
Packing dimension (W×H×D)	F4	mm	1,089×683×312	1,089×683×312	1,289×683×312	1,289×683×312	1,589×683×312	1,589×683×312	1,589×683×312
	F5	mm	1,182×683×312	1,182×683×312	1,382×683×312	1,382×683×312	1,682×683×312	1,682×683×312	1,682×683×312
Net/Gross weight	F4	kg	30/35	30/35	36/44	36/44	41/46.5	41/46.5	42.5/48.5
	F5	kg	30/38	30/38	35.5/41	35.5/41	42/51	42/51	44/53
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16	ODΦ16
Standard Controller	Wireless remote controller(RM05/BG(T)E-A)								
Notes:									

1. Nominal cooling capacities are based on the following conditions: return air temperature: 27°CDB, 19°CWB, and outdoor temperature: 35°CDB, equivalent ref. piping: 8m (horizontal)
 2. Nominal heating capacities are based on the following conditions: return air temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
 3. Sound level is measured 1m from the air out-let in horizontal distance and 1m above the floor in vertical distance.
- * Specifications are subject to change without prior notice for product improvement.

Console



- Auto Restart
- Cleanable Panel
- Auto Addressing
- Anti-Cold Air Function
- Follow Me
- LED Display

Compact size and stylish

- The elegant and thin unit body complements the existing decor and saves space.
- The EXV is installed inside of the indoor unit for added compactness.

Flexible installation

- Can be installed on the floor or lower wall
- As a floor standing type, it can be semi or fully accessed without losing capacity.



High Comfort

- Flexible air blow: vertical auto swing and wide angle louvers ensure that warm air reaches every corner of the room and increases the air flow coverage.
- Indoor unit adopts DC motor with five fan speeds to meet different requirements.
- Applies the Fujikoki mechanical expansion valve which offers 2,000-stage element positions to ensure precise flow control and lower modulation noise when the EXV is operating.

Powerful mode can be selected for rapid cooling or heating



High efficiency filter

- Built in formaldehyde nemesis filter
- Active-carbon and biological anti-virus filter are optional.

Two air outlets and four air inlets

Four directions of air inlet; two options of air outlet: Up and Down; or Up only.



Bottom, top, and right/left side, for better ventilation.

Low-noise design

Five-speed indoor unit; low noise; low power consumption.



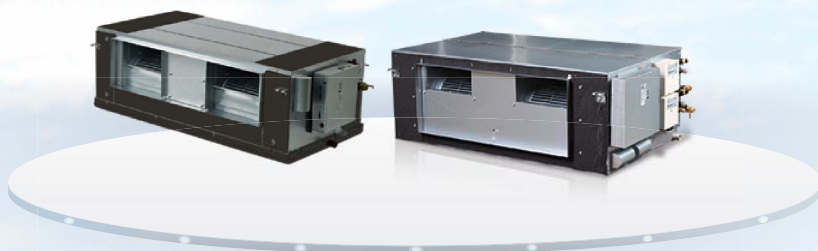
Low noise operation, lowest to 26dB(A)

Model		MDV-D22Z/DN1-B	MDV-D28Z/DN1-B	MDV-D36Z/DN1-B	MDV-D45Z/DN1-B	
Power supply		1-phase, 220-240V, 50Hz				
Cooling capacity	kW	2.2	2.8	3.6	4.5	
	kcal/h	1,900	2,400	3,100	3,900	
	Btu/h	7,500	9,600	12,300	15,400	
Heating capacity	kW	2.6	3.2	4.0	5.0	
	kcal/h	2,200	2,800	3,400	4,300	
	Btu/h	8,900	10,900	13,600	17,100	
Power input	Cooling	20	25	25	45	
	Heating	20	25	25	45	
Rated current	Cooling	0.09	0.11	0.15	0.2	
	Heating	0.09	0.11	0.15	0.2	
Airflow rate(H/M/L)	m ³ /h	430/345/229	510/430/229	510/430/229	660/512/400	
	CFM	253/203/135	300/253/135	300/253/135	388/300/235	
Sound pressure level(H/M/L)	dB(A)	38/32/26	39/33/27	39/33/27	42/39/36	
Refrigerant	Type	R410A				
	Control method	EXV				
Net dimension(W×H×D)	mm	700×210×600	700×210×600	700×210×600	700×210×600	
Packing dimension(W×H×D)	mm	810×305×710	810×305×710	810×305×710	810×305×710	
Net weight	kg	14	15	15	15	
Gross weight	kg	19	20	20	20	
Piping connections	L(flare)	mm	Φ6.35	Φ6.35	Φ6.35	Φ6.35
	G(flare)	mm	Φ12.7	Φ12.7	Φ12.7	Φ12.7
	Drain piping	-	OD Φ16	OD Φ16	OD Φ16	OD Φ16
Standard Controller		Wireless remote controller(RM05/B/G(T)E-A)				

Notes:

- Nominal cooling capacities are based on the following conditions: return air temperature: 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 temperature: 7°CDB, 6°CWB, and equivalent ref. Piping: 8m (horizontal)
 - Sound level is measured 1m from the air out-let in horizontal distance and 1m above the floor in vertical distance.
- * Specifications are subject to change without prior notice for product improvement.

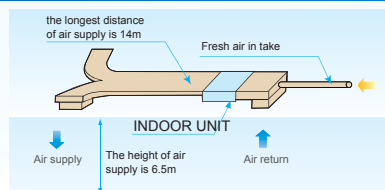
Fresh Air Processing Unit



Healthy and comfortable

Fresh air is imported, provides a healthy and comfortable living environment.
Four speed fan motor(model 125&140)

100% Fresh air processing unit

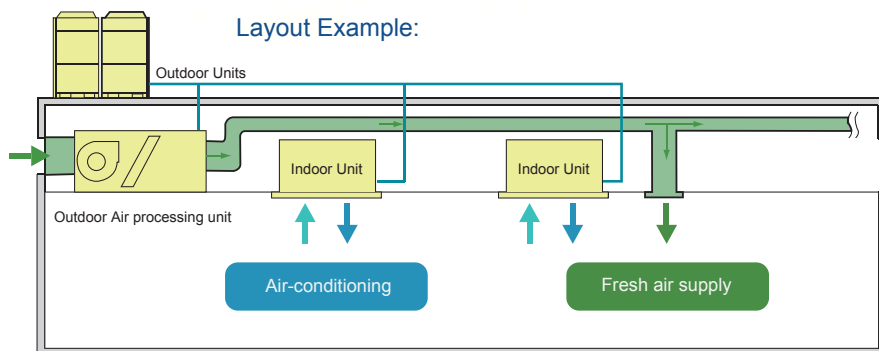


Both fresh air filtration and heating/cooling can be achieved in a single system.
Indoor units and fresh air processing unit can be connected to the same refrigerant system, increasing design flexibility and greatly reducing total system costs.

High external static pressure

External static pressure can be up to 196Pa(models 125 to 140) and 280Pa(models 200 to 280) for more flexible duct applications. The maximum distance of air supply is about 14m and the maximum height of air supply is about 6.5m.

Innovative air supply technology for excellent room temperature control



Model		MDV-D125T1/N1-FA	MDV-D140T1/N1-FA	MDV-D200T1/N1-FA	MDV-D250T1/N1-FA	MDV-D280T1/N1-FA	
Power Supply		1-phase, 220-240V, 50Hz					
Capacity	Cooling	kW	12.5	14	20	25	28
		kcal/h	10,800	12,000	17,200	21,500	24,100
	Btu/h	42,700	47,800	68,200	85,300	95,500	
	Heating	kW	10.5	12	18	20	22
kcal/h		9,000	10,300	15,550	17,200	18,900	
Btu/h	35,800	41,000	61,400	68,200	75,100		
Power (Cooling)	Input	W	430	430	1063	1,063	1063
	Rated Current	A	2.4	2.4	5.3	5.6	5.6
Power (Heating)	Input	W	461	430	1063	1,063	1,063
	Rated Current	A	2.4	2.4	5.3	5.6	5.6
Air flow (H/M/L)		m ³ /h	2,142/1,870/1,611	2,142/1,870/1,611	3,210/2,700/2,200	3,205/2,750/2,300	3,205/2,750/2,300
ESP (external static pressure)		Pa	50(50~196)	50(50~196)	200(50~280)	200(50~280)	200(50~280)
Sound pressure level(H/M/L)		dB(A)	54/52/50	54/52/50	54/53/51	55/54/52	55/54/52
Refrigerant	Type	R410A					
	Control method	EXV					
Net dimension	W×H×D	mm	1,300×420×690	1,300×420×690	1,443×470×810	1,443×470×810	1,443×470×810
Packing dimension	W×H×D	mm	1,436×450×768	1,436×450×768	1,509×550×990	1,509×550×990	1,509×550×990
Net/Gross Weight		kg	69.5/76	69.5/76	115/125	115/125	115/125
Piping Connections	L(flare)	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ9.53
	G(flare)	mm	Φ15.9	Φ15.9	Φ15.9	Φ15.9	Φ15.9
	Drain piping	mm	OD Φ25	OD Φ25	OD Φ32	OD Φ32	OD Φ32
Standard Controller		-	Wired controller KJR-29B1/BK-E (6 meters connection wire)				

Notes:

1. Nominal cooling capacities are based on the following conditions: outdoor air temperature: 33°C DB, 24°C WB, equivalent ref. piping: 8m (horizontal)
2. Nominal heating capacities are based on the following conditions: outdoor air temperature: 0°C DB, -1°CWB, equivalent ref. Piping: 8m (horizontal)
3. Sound level is measured 1.4m from the air out-let.

* external static pressure are based on high speed indoor air flow.

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

Connection Conditions:

The following restrictions must be observed in order to maintain the indoor units connected to the same system.

- * When outdoor-air processing units are connected, the total connection capacity must be within 50% to 100% of that of the outdoor units.
- * When outdoor-air processing units and standard indoor units are connected, the total connection capacity of the outdoor-air processing units must not exceed 30% of that of the outdoor units.
- * Outdoor-air processing units can be used without indoor units.
- * The fresh air processing unit is not available for V4+R system

