

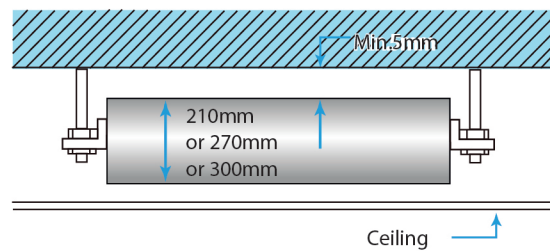
## Concealed Duct (A5 Type)



- Auto Restart Function
- Auto Addressing
- Fresh Air
- Auto Defrosting
- Built-in Filter
- Follow Me
- Anti-cold Air Function
- Built-in Drain Pump
- Timer
- Independent Dehumidification
- Wired Controller
- Super High Air Flow
- Wireless Controller

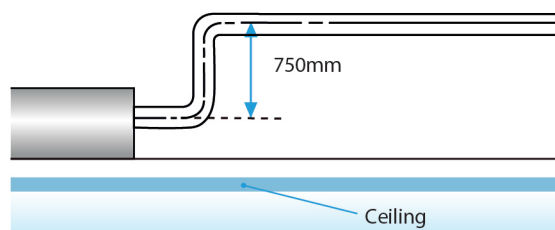
### Compact Design >>

Models 22 to 71 are just 210mm high while models 80 to 112 are 270mm high and model 140 is 300mm high.



### High-lift Drain Pump >>

A drain pump with a 750mm pump head is fitted as standard, simplifying installation of the drain piping.

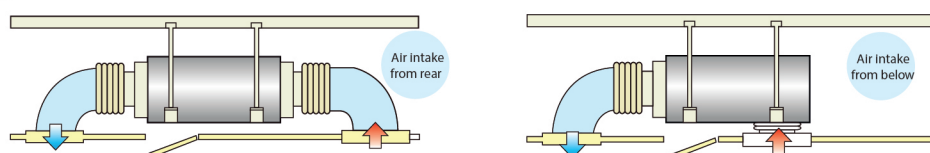


### Easy Maintenance Access, Flexible Control >>

As a customization option, for ease of access the electric control box can be separated from the unit by up to 1m. Functional ports including remote on/off dry contact and 220V alarm signal output are included as standard, providing control flexibility.

### Flexibility >>

To provide the flexibility to adapt to differing installation situations, the air inlet may be positioned either on the underside or the rear of the unit.



## Wired Controller (Optional) >>

Wire controller can be fitted on the wall to avoid mislaying. It makes Airconditioner controls more convenient.



## Specification

Model			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				
Capacity	Cooling	kW	2.2	2.8	3.6	4.5	5.6
	Heating	kW	2.6	3.2	4.0	5.0	6.3
Power input	Cooling	W	57	57	61	98	103
	Heating	W	57	57	61	98	103
Airflow rate(H/M/L)		m <sup>3</sup> /h	538/456/375	538/456/375	597/514/429	811/684/575	811/684/575
External static pressure(Min/Std/Max)		Pa	0/10/30	0/10/30	0/10/30	0/10/30	0/10/30
Sound pressure level(H/M/L)		dB(A)	36/35/32	37/35/32	38.6/37.5/33.8	39/37.9/34	39/37.9/34
Net dimension(W×H×D)		mm	780×210×500	780×210×500	780×210×500	1000×210×500	1000×210×500
Packing dimension(W×H×D)		mm	870×285×525	870×285×525	870×285×525	1115×285×525	1115×285×525
Net/gross weight		kg	17.5/20	17.5/20	17.5/20	22.5/26	22.5/26
Piping connections	Liquid/gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.53/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25
Standard controller			Wired controller				

Model			MDV-D71T2/N1-DA5	MDV-D80T2/N1-BA5	MDV-D90T2/N1-BA5	MDV-D112T2/N1-BA5	MDV-D140T2/N1-BA5
Power supply			1-phase,220-240V,50Hz				
Capacity	Cooling	kW	7.1	8.0	9.0	11.2	14.0
	Heating	kW	8.0	9.0	10.0	12.5	15.5
Power input	Cooling	W	140	198	200	313	274
	Heating	W	140	198	200	313	274
Airflow rate(H/M/L)		m <sup>3</sup> /h	1029/934/781	1345/1165/1013	1345/1165/1013	1800/1556/1400	1905/1636/1400
External static pressure(Min/Std/Max)		Pa	0/10/30	10/20/50	10/20/50	10/40/80	10/40/100
Sound pressure level(H/M/L)		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
Net dimension(W×H×D)		mm	1220×210×500	1230×270×775	1230×270×775	1230×270×775	1290×300×865
Packing dimension(W×H×D)		mm	1335×285×525	1355×350×795	1355×350×795	1355×350×795	1400×375×925
Net/gross weight		kg	28/31.5	38/46.5	40/48	40/48	49/58
Piping connections	Liquid/gas pipe	mm	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ15.9
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25
Standard controller			Wired controller				

### Notes:

1. Nominal capacities are based on the following conditions:

- Cooling: indoor temperature 27°C (80.6°F) DB, 19°C (66.2°F) WB; outdoor temperature 35°C (95.0°F) DB; equivalent refrigerant piping length 7.5m (24.6ft.) with zero level difference.
- Heating: indoor temperature 20°C (68.0°F) DB; outdoor temperature 7°C (44.6°F) DB, 6°C (42.8°F) WB; equivalent refrigerant piping length 7.5m (24.6ft.) with zero level difference.

2. Sound pressure level is measured 1.4m (4.59ft) below the unit in a semi-anechoic chamber.

3. External static pressure is based on high speed indoor airflow.

4. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.