

Medium-High Static Pressure Duct The 2nd Generation DC VRF Indoor Units

Features

- ◆ 10 models from 2.2~16kW
- ◆ Up to 10-step static pressure control with ESP up to 150Pa
- ◆ Set temperature can be adjusted in 0.5°C or 1°C steps
- ◆ Indoor unit displays can be shut off at night
- ◆ Buzzer sound can be turned off
- ◆ Auto restart function is standard, which can also be canceled through the controller
- ◆ Bi-directional communication wired controller can query the indoor and outdoor units' parameters, and also can set the indoor units' parameters
- ◆ Flexible installation for the air inlet may be positioned either on the underside or the rear of the unit
- ◆ Drain pump with 750mm pump head fitted as standard



Optional wireless
remote controller



RM12F



RM05B(A)

Optional
wired controller



WDC-86E/KD



WDC-120G/WK(A)

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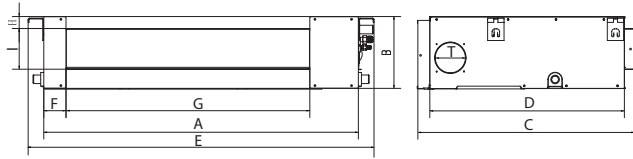


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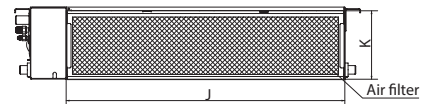
Brisbane: 07 3890 8977 Perth: 08 9242 8400

Installation dimensions (unit: mm)

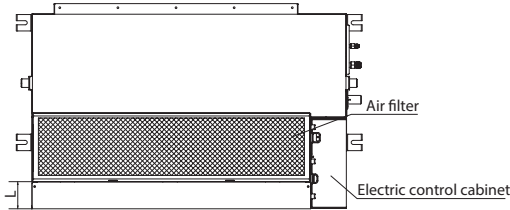
Outline dimension and air outlet opening size



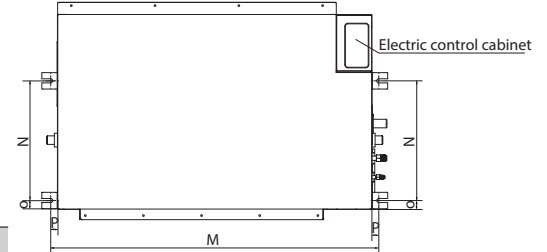
Air return opening size (air intake from rear)



Air return opening size (air intake from underside)



Size of mounted lug



Model	External size					Air discharge opening diameter				Air return opening diameter				Spacing between Lugs				Fresh air inlet diameter
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	T	
2.2-3.6kW	700	210	500	450	780	45	512	17	145	600	196	-	740	350	35	20	Φ92	
4.5-5.6kW	921	270	635	572	1010	67	711	35	178	813	260	19	959	349	35	20	Φ92	
7.1-9.0kW	1140	270	775	710	1230	65	933	35	179	1035	260	20	1180	490	26	20	Φ125	
11.2-14.0kW	1200	300	865	800	1290	85	969	40	204	1094	288	45	1240	500	26	20	Φ125	
16.0kW	1400	300	865	800	1490	85	1169	40	204	1294	288	-	1440	500	26	20	Φ125	

Specifications

Model name			MI2-22T2DHN1(A)	MI2-28T2DHN1(A)	MI2-36T2DHN1(A)	MI2-45T2DHN1(A)	MI2-56T2DHN1(A)
Power supply			1-phase, 220-240V, 50/60Hz				
Cooling ¹	Capacity	kW	2.2	2.8	3.6	4.5	5.6
	Input	W	45	45	45	97	97
Heating ²	Capacity	kW	2.6	3.2	4	5	6.3
	Input	W	45	45	45	97	97
Airflow rate ³		m ³ /h	580/540/500/460/430/400/370			910/850/790/730 /670/610/550	1000/945/885/825 /765/705/635
External static pressure		Pa	10 (10~80)			40 (30~150)	
Sound pressure level ⁴		dB(A)	33/32/31/30/28/27/25			38/36/35/34/32/30/28	39/38/37/35/33/31/29
Net dimensions ⁵ (W×H×D)		mm	780×210×500			1010×270×635	
Packed dimensions (W×H×D)		mm	870×285×525			1145×355×705	
Net/Gross weight		kg	18/21			29/34	
Liquid/Gas pipe		mm	Φ6.35/Φ12.7				Φ9.53/Φ15.9
Drain pipe		mm	OD Φ25				

Model name			MI2-71T2DHN1(A)	MI2-90T2DHN1(A)	MI2-112T2DHN1(A)	MI2-140T2DHN1(A)	MI2-160T2DHN1(A)
Power supply			1-phase, 220-240V, 50/60Hz				
Cooling ¹	Capacity	kW	7.1	9	11.2	14	16
	Input	W	103	150	205	260	250
Heating ²	Capacity	kW	8	10	12.5	15.5	18
	Input	W	103	150	205	260	250
Airflow rate ³		m ³ /h	1270/1200/1130/1060/990/920/850	1710/1600/1490/1380/1270/1160/1060	1870/1760/1660/1560/1460/1365/1275	2320/2210/2110/2010/1900/1800/1700	2300/2100/2000/1900/1750/1600/1450
External static pressure		Pa	40 (30~150)				
Sound pressure level ^f		dB(A)	38/36/34/32/31/29/28	41/40/38/37/35/33/32	40/38/37/36/35/34/33	43/42/41/40/39/38/37	42/41/39/38/37/35/34
Net dimensions ⁵ (W×H×D)		mm	1230×270×775			1290×300×865	1490×300×865
Packed dimensions (W×H×D)		mm	1355×350×795			1400×375×925	1605×345×955
Net/Gross weight		kg	36.5/44.5	37/45	46.5/55.5	46.5/55.5	54/63
Liquid/Gas pipe		mm	Φ9.53/Φ15.9				
Drain pipe		mm	OD Φ25				

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.

2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.

3. Each model's 7 airflow rate options are listed in order, from highest to lowest.

4. Each model's 7 sound pressure levels are listed in order from highest to lowest and correspond to the model's 7 airflow rate options (see Note 3).

Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.

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

All specifications are measured at standard external static pressure.

Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.