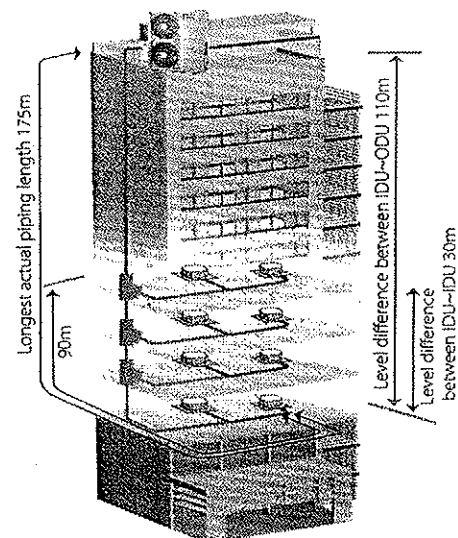


Long Piping Capability

Piping length	Capacity		
Total piping length	120m	150m	250m
Longest length - actual (equivalent)	60m (70m)	100(110)m	100m (120m)
Longest length after first branch	20m	40m	40m
Longest length after nearest branch	15m	15m	15m
Largest height difference between indoor and outdoor units - ODU up (down)	30m (20m)	50m(40m)	30m (20m)
Largest height difference between indoor units	8m	15m	8m



VRF V4 Plus I Series - Heat Pump

HP			7	9	9	10	12	14	16
			220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz
Power supply	V/Hz		380-415/3/50						
Cooling	Capacity	kW	20.0	22.4	26.0	28.0	33.5	40.0	45.0
	Power input	kW	6.35	6.81	8.13	12.07	15.09	15.09	13.55
	EER		3.15	3.29	3.20	2.32	2.22	2.65	3.32
Heating	Capacity	kW	22.0	24.5	28.5	28.0	33.5	40.0	45.0
	Power input	kW	6.20	5.9	7.22	6.68	7.94	10.0	11.11
	COP		3.55	4.15	3.95	4.19	4.22	4.00	4.05
Connectable indoor unit	Total capacity		50~130% of outdoor unit capacity						
Compressor	Max. quantity		10	11	12	16	20	14	15
Fan motor	Type		DC inverter						
	Quantity		1	1	1	1	1	2	2
Refrigerant	Type		R410A						
	Factory charging	kg	4.8	6.2	6.2	8	8	9	12
Pipe connections	Liquid pipe	mm	Φ9.53	Φ9.53	Φ9.53	Φ9.53	Φ12.7	Φ12.7	Φ12.7
	Gas pipe	mm	Φ19.1	Φ19.1	Φ22.2	Φ22.2	Φ25.4	Φ22.2	Φ25.4
Air flow rate	m³/h		10999	10494	10494	11000	11300	16575	16575
Sound power level	dB(A)		76	76	77	79	81	82	83
Net dimension (W×H×D)	mm		1120×1558×528						
Packing size (W×H×D)	mm		1270×1720×565						
Net weight	kg		137	146.5	147	157	157	240	275
Gross weight	kg		153	162.5	163	173	173	260	290
Operating temperature range	°C		Cooling: -15~46; Heating: -15~24						

Notes:

Capacities are based on the following conditions:

Cooling: Indoor temperature 27°C DB/19°C WB; Outdoor temperature 35°C DB/24°C WB.

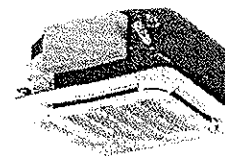
Heating: Indoor temperature 20°C DB/15°C WB; Outdoor temperature 7°C DB/6°C WB.

Piping length: Interconnecting piping length 7.5m, level difference of zero.

Sound values are measured in a semi-anechoic room, at a position 1m in front of the unit and 1m above the floor.

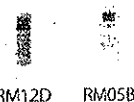
Compact Four-way Cassette

- 360° airflow allows for even, wide-range cooling and heating
- Drain pump with 500mm pump head fitted as standard



Optional wireless remote controller

Optional wired controller



RM05B



WDC-86E/KD



WDC-120G/AWK

Model			MI2-1704CDN1	MI2-2204CDN1	MI2-2804CDN1	MI2-3604CDN1	MI2-4504CDN1	MI2-5204CDN1
Power supply			1-phase, 220-240V, 50Hz					
Cooling ¹	Capacity	kW	1.7	2.2	2.8	3.6	4.5	5.2
		kBtu/h	5.8	7.5	9.6	12.3	15.4	17.7
	Power input	W	35	35	35	40	50	62
Heating ²	Capacity	kW	2.2	2.4	3.2	4.0	5.0	5.6
		kBtu/h	7.5	8.2	10.9	13.6	17.1	19.1
	Power input	W	35	35	35	40	50	62
Air flow rate ³		m ³ /h	380/345/313/300/288/268/238		414/380/345/313/288/268/238		521/485/450/409/380/350/314	
Sound pressure level ⁴		dB(A)	35/34/33/29/26/23/22			41/38/35/32/30/29/28		52/48/35/32/30/29/28
Sound power level		dB(A)	51/50/49/45/42/39/38			56/53/50/47/45/44/43		60/55/50/47/45/44/43
Main body	Net dimensions ⁵ (WxHxD)	mm	630x260x570					
	Packed dimensions (WxHxD)	mm	700x345x660					
	Net/Gross weight	kg	18/23.8			19.2/25.0		
Panel	Net dimensions (WxHxD)	mm	647x50x647					
	Packed dimensions (WxHxD)	mm	715x123x715					
	Net/Gross weight	kg	2.5/4.5					
Pipe connections	Liquid/Gas pipe	mm	Ø6.35/Ø12.7					
	Drain pipe	mm	OD Ø25					

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.