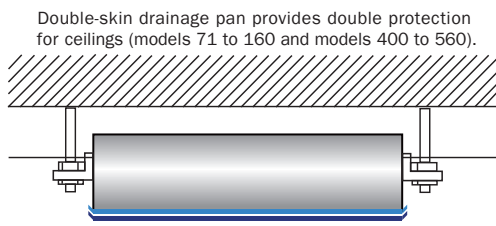
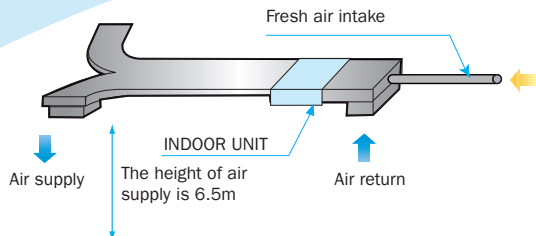


VRF

HIGH STATIC PRESSURE DUCT

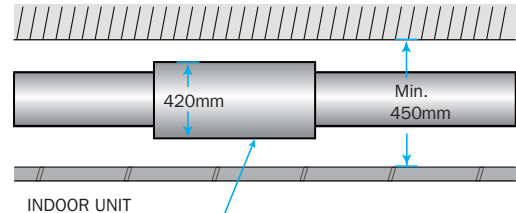


FLEXIBLE DUCT DESIGN

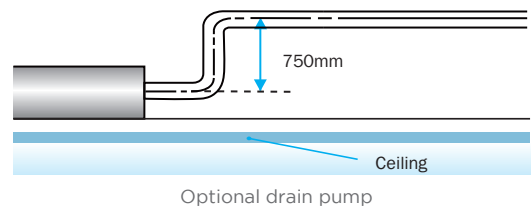
External static pressure can be up to 196Pa (models 71 to 160) or 280Pa (models 200 to 560). The maximum length for air supply is about 14m at a height of 6.5m. With a 420mm (models 71 to 160) thick body, the minimum distance required above the ceiling is 450mm.

DOUBLE-SKIN DRAINAGE PAN

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



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



Optional drain pump

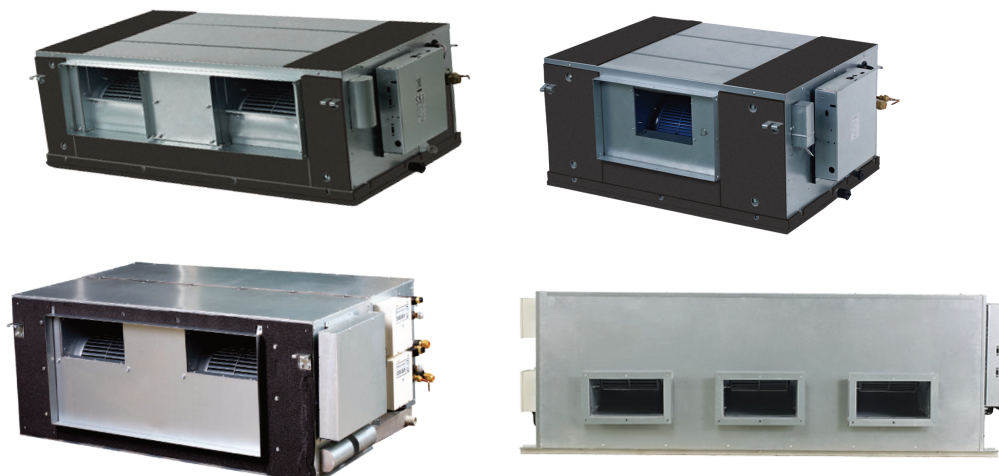
CONVENIENT INSTALLATION

The EXV is fixed inside the indoor unit. Standard filter is housed in an aluminium frame. Flange for air inlet/outlet duct connection is standard.

FLEXIBLE CONTROL AND EASY MAINTENANCE

Wired remote controller KJR-29B1/BK-E comes as standard. The display board is connected to the E-box in factory, easier troubleshooting with LED display. Easy access filters at the rear & bottom. Standard functional port such as remote on/off dry contact.

VRF HIGH STATIC PRESSURE DUCT



Indoor unit

MODEL			MI-71T1/DHN1-B	MI-80T1/DHN1-B	MI-90T1/DHN1-B	MI-112T1/DHN1-B	MI-140T1/DHN1-B	MI-160T1/DHN1-B
Power supply			1-phase,220-240V,50Hz					
Recommended Fuse Size		A	5	5	5	5	5	5
Interconnecting Wiring		No.	3 Core Screened 0.75mm²					
Capacity	Cooling	kW	7.1	8.0	9.0	11.2	14.0	16.0
	Heating	kW	8.0	9.0	10.0	12.5	16.0	17.0
Air flow rate (H/M/L)		m³/h	1500/1390/1250	1450/1340/1190	1780/1650/1530	2080/1930/1710	2860/2440/2010	3400/2660/2400
External static pressure (Min/Std/Max)		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)	43/41/40	43/41/41	47/44/42	47/44/42	48/45/43	49/47/45
Net dimension (WxHxD)		mm	952x420x690	952x420x690	952x420x690	952x420x690	1300x420x690	1300x420x690
Packing dimension (WxHxD)		mm	1090x440x768	1090x440x768	1090x440x768	1090x440x768	1436x450x768	1436x450x768
Net/gross weight		kg	41/47	41/47	47/53	47/53	68/70	70/77.5
Piping connections	Liquid/ gas pipe	mm(inch)	Φ9.53/Φ15.9 (3/8/ 5/8)	Φ9.53/Φ15.9 (3/8/ 5/8)	Φ9.53/Φ15.9 (3/8/ 5/8)	Φ9.53/Φ15.9 (3/8/ 5/8)	Φ9.53/Φ15.9 (3/8/ 5/8)	Φ9.53/Φ15.9 (3/8/ 5/8)
	Drain pipe	mm	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25	OD Φ25

MODEL			MI-200T1/DHN1-B	MI-250T1/DHN1-B	MI-280T1/DHN1-B	MDV-D400T1/N1	MDV-D450T1/N1	MDV-D560T1/N1	
Power supply			1-phase,220-240V,50Hz						
Recommended Fuse Size			A	10	10	10	25	25	25
Capacity	Cooling	kW	20.0	25.0	28.0	40.0	45.0	56.0	
	Heating	kW	22.5	26.0	31.5	45.0	50.0	63.0	
Air flow rate (H/M/L)		m³/h	4820/4660/4620	4870/4760/4690	4870/4760/4690	7472/6072/4995	7472/6072/4995	9550/7950/6600	
External static pressure (Min/Std/Max)		Pa	50/200/280	50/200/280	50/200/280	50/200/280	50/200/280	50/200/280	
Sound pressure level (H/M/L)		dB(A)	53/50/47	53/50/47	53/50/47	55/53/50	55/53/50	57/54/51	
Net dimension (WxHxD)		mm	1443x470x810	1443x470x810	1443x470x810	1970x668x902.5	1970x668x902.5	1970x668x902.5	
Packing dimension (WxHxD)		mm	1509x550x990	1509x550x990	1509x550x990	2095x800x964	2095x800x964	2095x800x964	
Net/ gross weight		kg	108/120	108/120	108/120	232/245	232/245	235/250	
Piping connections	Liquid/ gas pipe	mm	Φ9.53x2/Φ15.9x2	Φ9.53x2/Φ15.9x2	Φ9.53x2/Φ15.9x2	Φ9.53x2/Φ22.2x2	Φ9.53x2/Φ22.2x2	Φ9.53x2/Φ22.2x2	
	Drain pipe	mm	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	OD Φ32	

Nominal Conditions: Cooling: indoor 27°C DB, 19°C WB; outdoor 35°C DB, 24°C WB.

Nominal Conditions: Heating: indoor 20°C DB, outdoor 7°C DB, 6°C WB.

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

Sound Pressure is measured 1.5m below the air-outlet at Nominal Conditions.