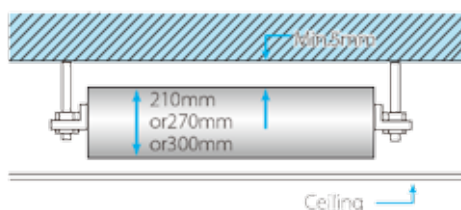


# Medium Static Pressure Duct (A5 type)



## Compact Size

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

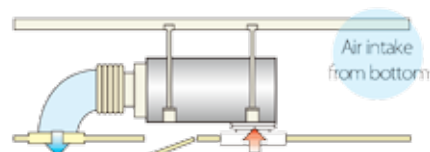
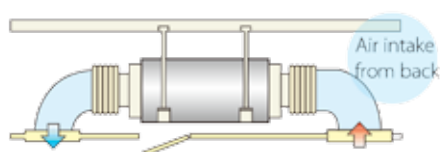


## Convenient Installation

EXV is fixed inside the indoor unit.

Standard filter is housed in an aluminum frame.

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

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 Mitsui CAC factory.

Standard functional ports are included such as Remote On/Off Dry contact switch and Alarm signal output (220V).

## High Efficiency and Low Sound Operation

Thanks to the DC brushless fan motor, the unit operates in high efficiency and low sound level.

## High-lift Drain Pump

Drain pump with a 750mm pump head is fitted as standard.

**Specifications:**

Model			MI-15T2/DHN1-DA5	MI-22T2/DHN1-DA5	MI-28T2/DHN1-DA5	MI-36T2/DHN1-DA5	MI-45T2/DHN1-DA5	MI-56T2/DHN1-DA5
Power supply			1-phase,220-240V,50/60Hz					
Capacity	Cooling	kW	1.5	2.2	2.8	3.6	4.5	5.6
	Heating	kW	1.7	2.6	3.2	4.0	5.0	6.3
Power input	Cooling	W	39	39	39	45	58	89
	Heating	W	39	39	39	45	58	89
Airflow rate (H/M/L)	m <sup>3</sup> /h		509/420/370	521/450/380	521/450/380	592/541/426	748/640/550	821/640/566
External static pressure (Min/Std/Max)	Pa		0/10/30	0/10/30	0/10/30	0/10/30	0/10/30	0/10/30
Sound pressure level (H/M/L)	dB(A)		35/33/31	35/34/31	36/34/31	37/36/33	38/37/33	38/37/33
Sound power level (H/M/L)	dB(A)		46/45/44	46/45/44	47/46/44	48/47/46	49/48/46	49/48/46
Net dimension (W×H×D)	mm		740×210×500	740×210×500	740×210×500	740×210×500	960×210×500	960×210×500
Packing dimension (W×H×D)	mm		870×285×525	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	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	φ6.35/φ12.7	φ9.53/φ15.9
	Drain pipe	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)					

**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 air outlet.
- External static pressure is based on high speed indoor air flow.

## Specifications:

Model			MI-71T2/DHN1-DA5	MI-80T2/DHN1-BA5	MI-90T2/DHN1-BA5	MI-112T2/DHN1-BA5	MI-140T2/DHN1-BA5
Power supply			1-phase,220-240V,50/60Hz				
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	68	98	108	178	204
	Heating	W	68	98	108	178	204
Airflow rate (H/M/L)	m <sup>3</sup> /h		1021/940/778	1290/1090/940	1290/1090/940	1780/1550/1352	1950/1600/1400
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)		40/38/34	44/38/37	44/38/37	47/41/37	47/42/38
Sound power level (H/M/L)	dB(A)		51/50/47	55/50/48	55/50/48	58/53/50	58/54/50
Net dimension (W×H×D)	mm		1180×210×500	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 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, 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 air outlet.
- External static pressure is based on high speed indoor air flow.