

VRF Indoor Unit

MIH160T2HN18 – Medium Static Pressure Duct

1-phase, 220-240V, 50/60Hz



Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MIH160T2HN18 Features:

- ♦ High efficiency DC fan motor
- ♦ 10-step static pressure control (requires latest generation wired controllers)
- ♦ 7-speed fan control
- ♦ Fresh air intake
- ♦ High-lift drain pump with 1200mm pump head
- ♦ Built-in EXV
- ♦ Flexible installation for the air inlet may be positioned either on the underside or the rear of the unit

Specifications:

Model			MIH160T2HN18
Cooling ¹	Capacity	kW	16
		kBtu/h	54.6
	Power input	W	210
Heating ²	Capacity	kW	18
		kBtu/h	61.4
	Power input	W	210
Air flow rate ³		m ³ /h	2350/2160/2015/1871/1776/1533/1400
External static pressure		Pa	50 (10-160)
Sound pressure level ⁴		dB(A)	42/40/38/36/34/33/31
Net dimensions ⁵ (W×H×D)		mm	1400×245×750
Packed dimensions (W×H×D)		mm	1565×305×885
Net/Gross weight		kg	39/44
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9
	Drain pipe	mm	ODΦ25
Minimum Circuit Amps (MCA)		A	2.76
Recommended Fuse Size (MFA)		A	15

Notes:

1. Indoor temperature 27°CDB, 19°CWB; outdoor temperature 35°CDB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°CDB; outdoor temperature 7°CDB, 6°CWB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. 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.

Unit (mm)

Technical drawing of the front view of the machine frame. Dimensions are indicated in millimeters (mm):

- Overall width: 1290
- Overall height: 245
- Horizontal segments from left: 220, 220, 213
- Vertical segments from top: 8, 104.5, 78.5, 9
- Bottom right corner detail: M4

[illegible]

Technical drawing of the front view of the device. The drawing includes the following dimensions and labels:

- H (gas side) □**: Label for the top-left corner.
- External thread of connector**: Label for the top-left connector.
- I (liquid side)**: Label for the top-right corner.
- External thread of connector**: Label for the top-right connector.
- Φ23 (inner diameter)**: Label for the top-right connector.
- Φ25 (outer diameter)**: Label for the bottom-right connector.
- Dimensions**:
 - Vertical dimensions on the left: 221 (total height), 143 (height to top connector), 103 (height to middle connector), 78 (height to bottom connector).
 - Horizontal dimensions at the bottom: 186 (width to first connector), 380 (width to second connector), 412 (total width).

Technical drawing of the front view of the machine. The overall width is 1445 mm and the overall height is 630 mm. The drawing shows a control panel with a display and buttons, and a main body with two large doors. Dimensions for the doors and internal components are provided. A detail view of the top corner shows a 14x13 mm hole and a 35x65 mm cutout.