

VRF Indoor Unit

MIH12T2MN10 – Medium Static Pressure Duct

1-phase, 208/230V, 60Hz



Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MIH12T2MN10 Features:

- ♦ High efficiency DC fan motor
- ♦ 6-step static pressure control (requires latest generation wired controllers)
- ♦ 7-speed fan control
- ♦ Fresh air intake
- ♦ High-lift drain pump with 47-1/4in. 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			MIH12T2MN10
Cooling ¹	Capacity	kW	3.5
		kBtu/h	12
	Power input	W	86
Heating ²	Capacity	kW	4
		kBtu/h	13.5
	Power input	W	86
Air flow rate ³		cfm	502/475/447/420/393/365/338
External static pressure		in.wg	0.2(0-0.64)
Sound pressure level ⁴		dB(A)	36.1/34.1/33.9/32.1/31/30.1/29.4
Net dimensions ⁵ (W×H×D)		In.	34-13/16×9-5/8×31-7/8
Packed dimensions (W×H×D)		In.	41-3/4×12-13/16×38-3/4
Net/Gross weight		lbs	75/93.9
Pipe connections	Liquid/Gas pipe	In.	Φ3/8/Φ5/8
	Drain pipe	In.	OD Φ1
Minimum Circuit Amps (MCA)		A	2.38
Recommended Fuse Size (MFA)		A	15

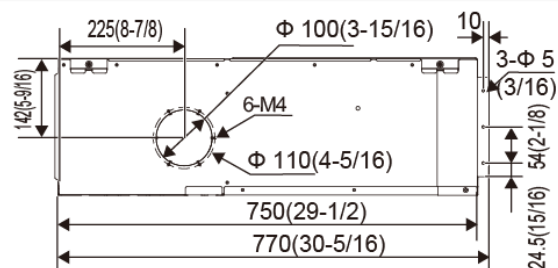
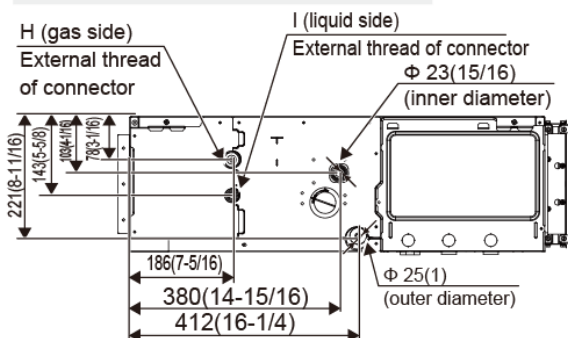
Notes:

1. Indoor temperature 80°F DB, 67°F WB; outdoor temperature 95°F WB, 75°F DB; equivalent refrigerant piping length 295-1/4in. with zero level difference.
2. Indoor temperature 70°F DB, 60°F WB; outdoor temperature 47°F DB, 43°F WB; equivalent refrigerant piping length 295-1/4in. 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 59-1/16in. below the unit in a semi-anechoic chamber.
5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

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

Unit (in.)

Unit: mm(in)

[illegible][illegible]

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

- Dimensions:**
 - Overall width: G
 - Overall height: $630(24-13/16)$
 - Top section height: $227(8-15/16)$
 - Top section sub-heights: $209(8-1/4)$, $104.5(4-1/8)$, $78.5(3-1/8)$
 - Bottom section height: $9(3/8)$
 - Bottom section sub-heights: 8 , $(5/16)$
 - Internal width segments: E , D , D
 - Overall bottom width: F
 - Top section width: $14(9/16)$
 - Top section sub-width: $13(1/2)$
 - Top section sub-heights: $35(1-3/8)$, $12(1/2)$
 - Top section total height: $65(2-9/16)$
- Labels:**
 - M4:** Points to the top section.
 - Electric control box:** Points to the bottom right section.

Capacity (kBtu/h)	A	B	C	D	E	F	G	H	I
kBtu/h ≤ 9	600(23-5/8)	400(15-3/4)	490(19-5/16)	87.5(3-7/16)	165(6-1/2)	506(19-15/16)	645(25-3/8)	3/4-16 UNF	7/16-20 UNF
9 < kBtu/h ≤ 12	800(31-1/2)	600(23-5/8)	690(27-3/16)	220(8-11/16)	134(5-1/4)	706(27-13/16)	845(33-1/4)	7/8-14 UNF	5/8-18 UNF
12 < kBtu/h ≤ 24	1 050(41-5/16)	850(33-7/16)	940(37)	220(8-11/16)	146(5-3/4)	956(37-5/8)	1 095(43-1/8)	7/8-14 UNF	5/8-18 UNF
24 < kBtu/h ≤ 48	1 400(55-1/8)	1 200(47-1/4)	1 290(50-13/16)	220(8-11/16)	213(8-3/8)	1 306(51-7/16)	1 445(56-7/8)	7/8-14 UNF	5/8-18 UNF