

## VRF Indoor Unit

### MIH12GMN10 – Wall Mounted

1-phase, 208/230V, 60Hz



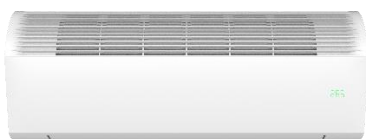
## Submittal Data

Job name: \_\_\_\_\_

Location: \_\_\_\_\_

Tag: \_\_\_\_\_

Date: \_\_\_\_\_



### MIH12GMN10 Features:

- ◆ High efficiency DC fan motor
- ◆ Interchangeable panels add extra flexibility to a universal body design
- ◆ 5-step swing louver
- ◆ 7-speed fan control
- ◆ Built-in EXV
- ◆ Multi-outlet pipe method for both refrigerant pipe and drain pipe: left/right/rear, more flexible for installation

### Specifications:

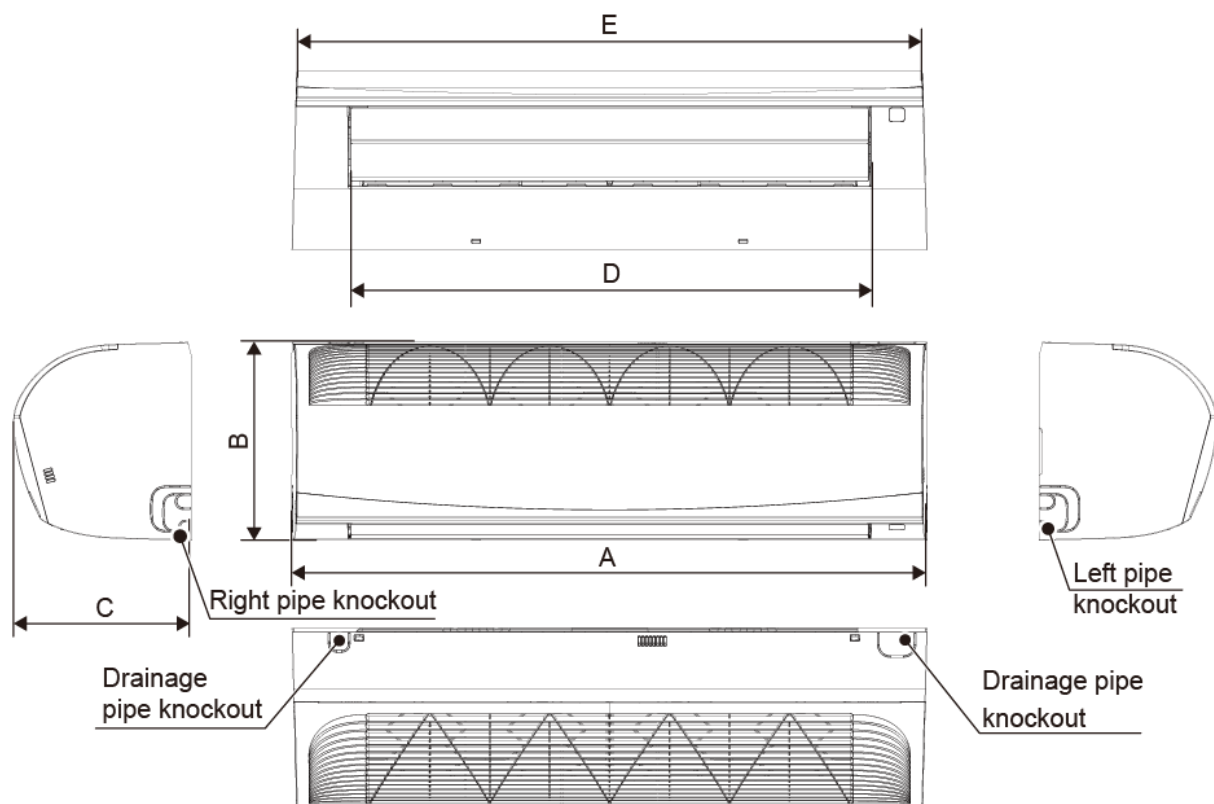
| Model                               |                 |        | MIH12GMN10                       |
|-------------------------------------|-----------------|--------|----------------------------------|
| Cooling <sup>1</sup>                | Capacity        | kW     | 3.5                              |
|                                     |                 | kBtu/h | 12                               |
|                                     | Power input     | W      | 25                               |
| Heating <sup>2</sup>                | Capacity        | kW     | 3.8                              |
|                                     |                 | kBtu/h | 13                               |
|                                     | Power input     | W      | 25                               |
| Air flow rate <sup>3</sup>          |                 | cfm    | 343/319/296/272/248/225/201      |
| Sound pressure level <sup>4</sup>   |                 | dB(A)  | 36.7/35.4/33.9/32.2/31.2/30/28.9 |
| Net dimensions <sup>5</sup> (W×H×D) |                 | In.    | 29-1/2×11-5/8×10-7/16            |
| Packed dimensions (W×H×D)           |                 | In.    | 38-3/4×15-3/16×14-3/16           |
| Net/Gross weight                    |                 | lbs    | 23/31                            |
| Pipe connections                    | Liquid/Gas pipe | In.    | Φ1/4/Φ1/2                        |
|                                     | Drain pipe      | In.    | OD Φ5/8                          |
| Minimum Circuit Amps (MCA)          |                 | A      | 0.70                             |
| 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 in an anechoic chamber.
5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

## Dimensional Drawing:

Unit (In)



| Capacity (kBtu/h)            | A             | B           | C            | D             | E               |
|------------------------------|---------------|-------------|--------------|---------------|-----------------|
| $\text{kBtu/h} \leq 12$      | 750(29-1/2)   | 295(11-5/8) | 265(10-7/16) | 581(22-7/8)   | 736(29)         |
| $12 < \text{kBtu/h} \leq 18$ | 950(37-3/8)   | 295(11-5/8) | 265(10-7/16) | 781(30-3/4)   | 936(36-7/8)     |
| $18 < \text{kBtu/h} \leq 28$ | 1 200(47-1/4) | 295(11-5/8) | 265(10-7/16) | 1 025(40-3/8) | 1 186(46-11/16) |