

## VRF Indoor Unit

### MIH280FASHN18 – Fresh Air Processing Unit

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



## Submittal Data

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

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

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

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



#### MIH280FASHN18 Features:

- ♦ High efficiency DC fan motor
- ♦ 100% Fresh Air Processing Unit, both fresh air filtration and heating/cooling can be achieved in a single system
- ♦ 20-step static pressure control (requires latest generation wired controllers)
- ♦ External static pressure can be up to 300Pa
- ♦ 7-speed fan control
- ♦ Built-in EXV

#### Specifications:

Model			MIH280FASHN18
Cooling <sup>1</sup>	Capacity	kW	28.0
		kBtu/h	95.6
	Power input	W	400
Heating <sup>2</sup>	Capacity	kW	25.0
		kBtu/h	85.3
	Power input	W	400
Air flow rate <sup>3</sup>		m <sup>3</sup> /h	2160/1980/1800/1620/1440/1260/1080
External static pressure		Pa	200 (0~300)
Sound pressure level <sup>4</sup>		dB(A)	51/49/47/44/42/39/37
Net dimensions <sup>5</sup> (W×H×D)		mm	1445×310×773
Packed dimensions (W×H×D)		mm	1645×360×885
Net/Gross weight		kg	54/59
Pipe connections	Liquid/Gas pipe	mm	Φ12.7/Φ22.2
	Drain pipe	mm	OD Φ25
Operating temperature range		°C	Heating: -10 to 16; Cooling: 20 to 52; Fan only: 5 to 48
Minimum Circuit Amps (MCA)		A	6.16
Recommended Fuse Size (MFA)		A	15

#### Notes:

1. Outdoor air temperature 33°C DB, 28°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Outdoor air temperature 0°C DB, -2.9°C WB; 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 1.5m below the unit in a semi-anechoic chamber.
5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

## Dimensional Drawing:

Unit (mm)

