

VRF Indoor Unit

MIH280FAHN18 – Fresh Air Processing Unit

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



Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MIH280FAHN18 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 400Pa
- ♦ 7-speed fan control
- ♦ Built-in EXV

Specifications:

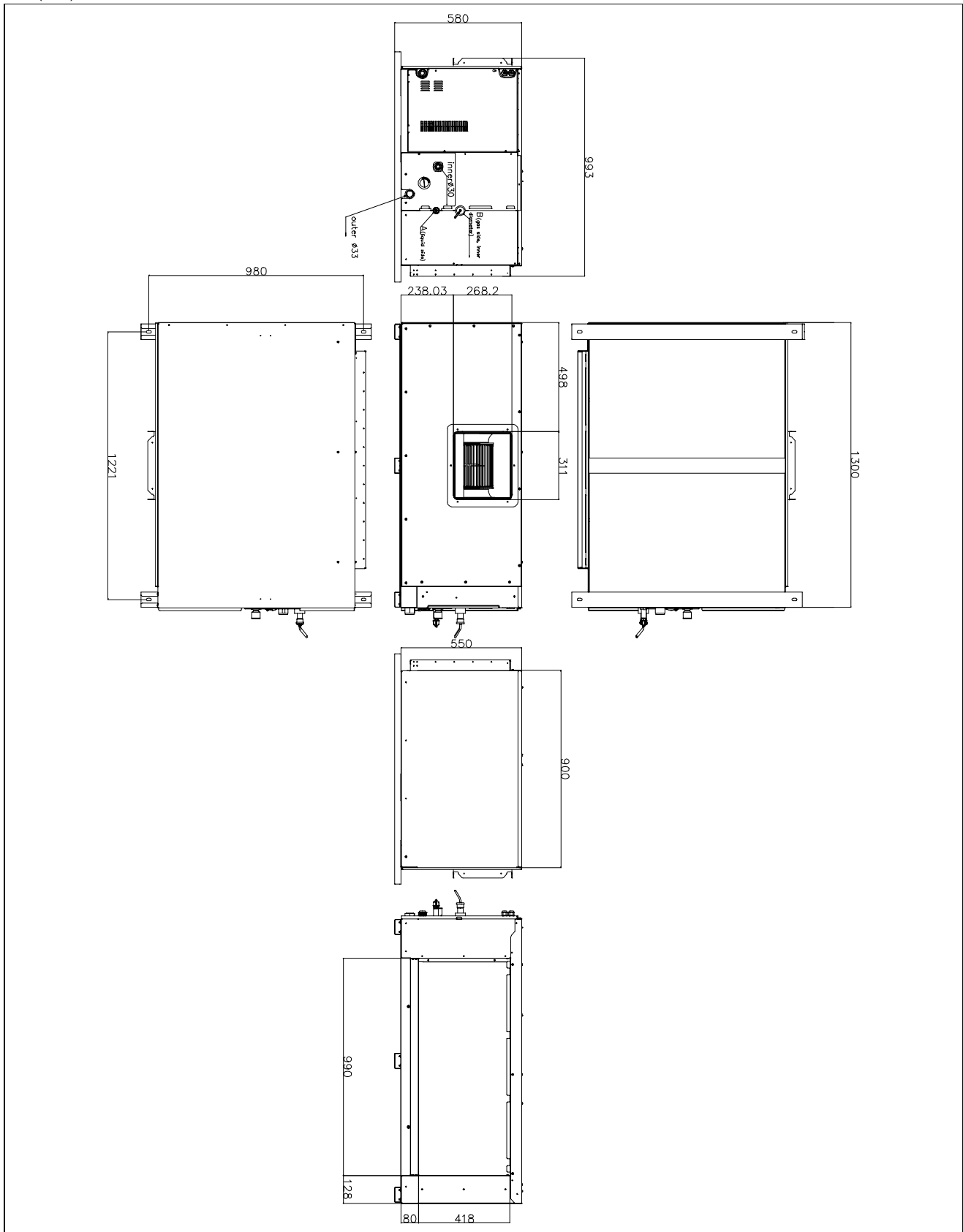
Model			MIH280FAHN18
Cooling ¹	Capacity	kW	28.0
		kBtu/h	95.6
	Power input	W	540
Heating ²	Capacity	kW	18.0
		kBtu/h	64.1
	Power input	W	540
Air flow rate ³		m ³ /h	3000/2833/2667/2500/2333/2167/2000
External static pressure		Pa	220 (0-400)
Sound pressure level ⁴		dB(A)	49/48/48/47/46/45/44
Net dimensions ⁵ (W×H×D)		mm	1300×550×900
Packed dimensions (W×H×D)		mm	1530×730×1060
Net/Gross weight		kg	117/142
Pipe connections	Liquid/Gas pipe	mm	Φ12.7/Φ22.2
	Drain pipe	mm	OD Φ32
Operating temperature range		°C	Heating: -5 to 16; Cooling: 20 to 43; Fan only: 5 to 48
Minimum Circuit Amps (MCA)		A	4.59
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)



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