

VRF Indoor Unit

MIH90FASHN18 – Fresh Air Processing Unit

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



Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MIH90FASHN18 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			MIH90FASHN18
Cooling ¹	Capacity	kW	9.0
		kBtu/h	30.7
	Power input	W	80
Heating ²	Capacity	kW	8.1
		kBtu/h	27.6
	Power input	W	80
Air flow rate ³		m ³ /h	690/633/575/518/460/403/345
External static pressure		Pa	100 (0~300)
Sound pressure level ⁴		dB(A)	39/37.5/36/34/32.5/30.5/29
Net dimensions ⁵ (W×H×D)		mm	1095×310×773
Packed dimensions (W×H×D)		mm	1215×360×885
Net/Gross weight		kg	37/41.5
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9
	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	1.82
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)

