

VRF Indoor Unit

MIH90T3HN18 – ARC Duct

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



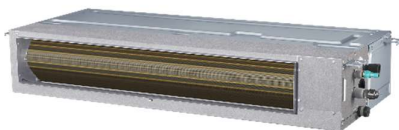
Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MIH90T3HN18 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 1200mm 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			MIH90T3HN18
Cooling ¹	Capacity	kW	9
		kBtu/h	30.7
	Power input	W	108
Heating ²	Capacity	kW	10
		kBtu/h	34.1
	Power input	W	108
Air flow rate ³		m ³ /h	1400/1327/1249/1175/1095/1026/960
External static pressure		Pa	20(10-80)
Sound pressure level ⁴		dB(A)	36.5/35.5/34/33/32/31.5/30.5
Net dimensions ⁵ (W×H×D)		mm	1600×199×450
Packed dimensions (W×H×D)		mm	1780×250×525
Net/Gross weight		kg	28/32.5
Pipe connections	Liquid/Gas pipe	mm	Φ9.52/Φ15.9
	Drain pipe	mm	OD Φ25
Minimum Circuit Amps (MCA)		A	1.70
Recommended Fuse Size (MFA)		A	15

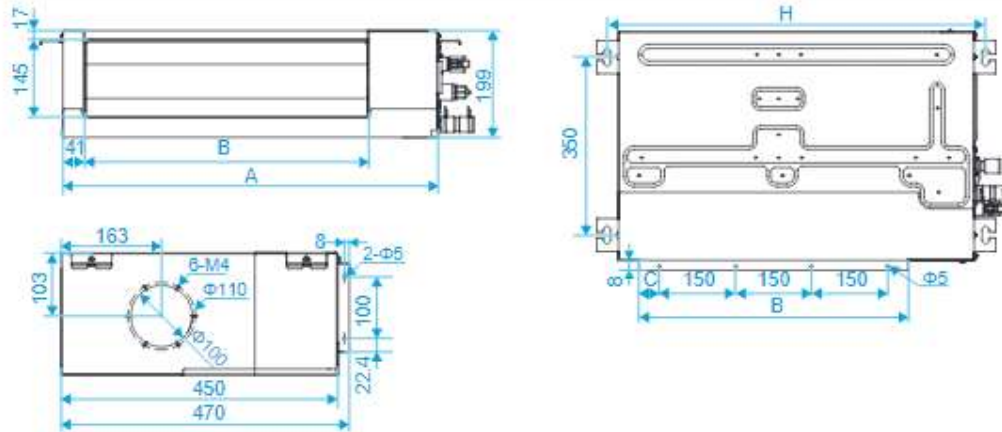
Notes:

1. Indoor temperature 27°CDB, 19°CWB; outdoor temperature 35°CDB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°CDB; outdoor temperature 7°CDB, 6°CWB; 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.

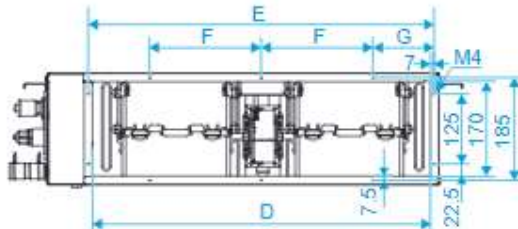
Dimensional Drawing:

Unit (mm)

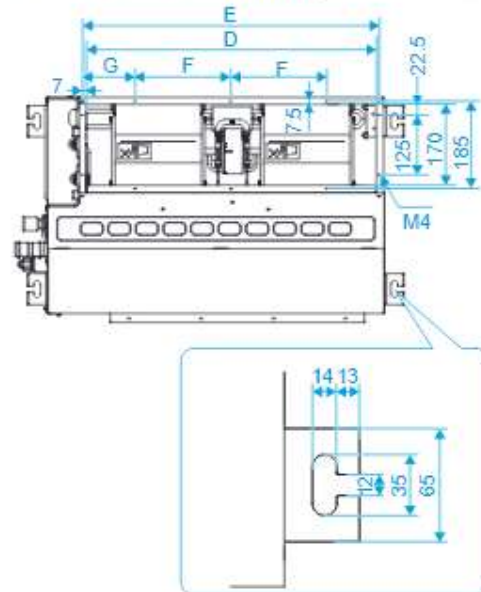
External dimension, air outlet size, and size of fresh air outlet:



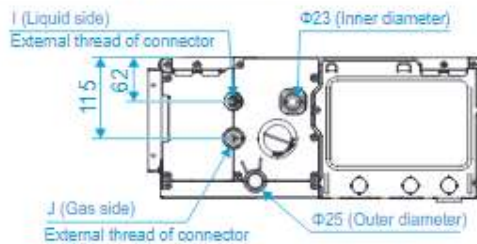
Size of return air inlet (back return air mode):



Size of return air inlet (bottom return air mode), and the distance between the lugs:



Dimension of pipe and water pipe:



Capacity (kW)	A	B	C	D	E	F	G	H	I	J
kW≤2.8	550	380	40	455	469	250	109.5	595		
2.8<kW≤3.6	700	530	40	605	619	200	109.5	745	7/16-20 UNF	3/4-16 UNF
3.6<kW≤5.6	900	730	65	805	819	200	109.5	945		
5.6<kW≤7.1	1100	930	15	1005	1019	200	109.5	1145	5/8-18 UNF	7/8-14 UNF
7.1<kW≤11.2	1600	1400	25	1505	1519	200	159.5	1645		