



VRF Indoor Unit Wall-mounted Unit

208/230V, 1Ph, 60Hz
Model: MIH18GMN10

Midea Building Technologies Division
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Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.

Submittal Data Sheet

VRF Indoor Unit
Wall-mounted Unit
Capacity: 18kBtu/h



Unit Performance and Data:

Model			MIH18GMN10
Performance			
Cooling ¹	Capacity	Btu/h	18000
	Input	W	37
Heating ²	Capacity	Btu/h	21000
	Input	W	37
Electrical			
Power supply		V/Ph/Hz	208/230/1/60
MCA		A	0.83
MOP		A	15
Unit Data			
Air Flow Rate ³		CFM	509/465/420/376/332/287/243
Sound Pressure ⁴		dB (A)	40.6/38.3/36.2/34.1/32.3/30.4/28
Dimension ⁵ (W×H×D)	Net dimensions	inch	37-3/8×11-5/8×10-7/16
		mm	950×295×265
	Packed dimensions	inch	46-5/8×15-3/16×14-3/16
		mm	1185×385×360
Weight	Net weight	lbs	28.5
		kg	12.9
	Gross weight	lbs	36.2
		kg	16.4
Pipe connections	Liquid/gas pipe	inch	Φ1/4/Φ1/2
		mm	Φ6.35/Φ12.7
	Drain pipe	inch	OD Φ5/8
		mm	OD Φ16

Notes:

- 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.
- 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.
- Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
- Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured in a semi-anechoic chamber.
- Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

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.
- Built in refrigerant leak sensor.
- Optional 3.94ft. head water pump.
- Multi-outlet pipe method for both refrigerant pipe and drain pipe: left/right/rear, more flexible for installation.

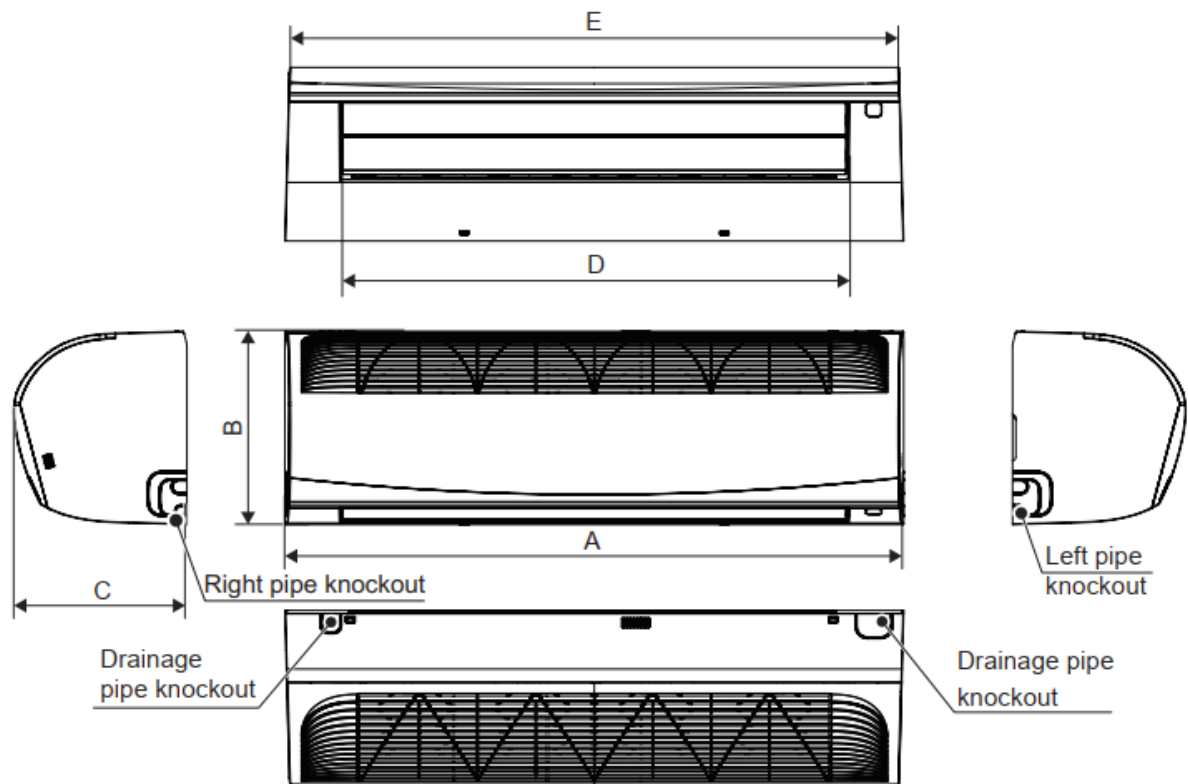
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Dimensions:

(unit: in(mm))



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

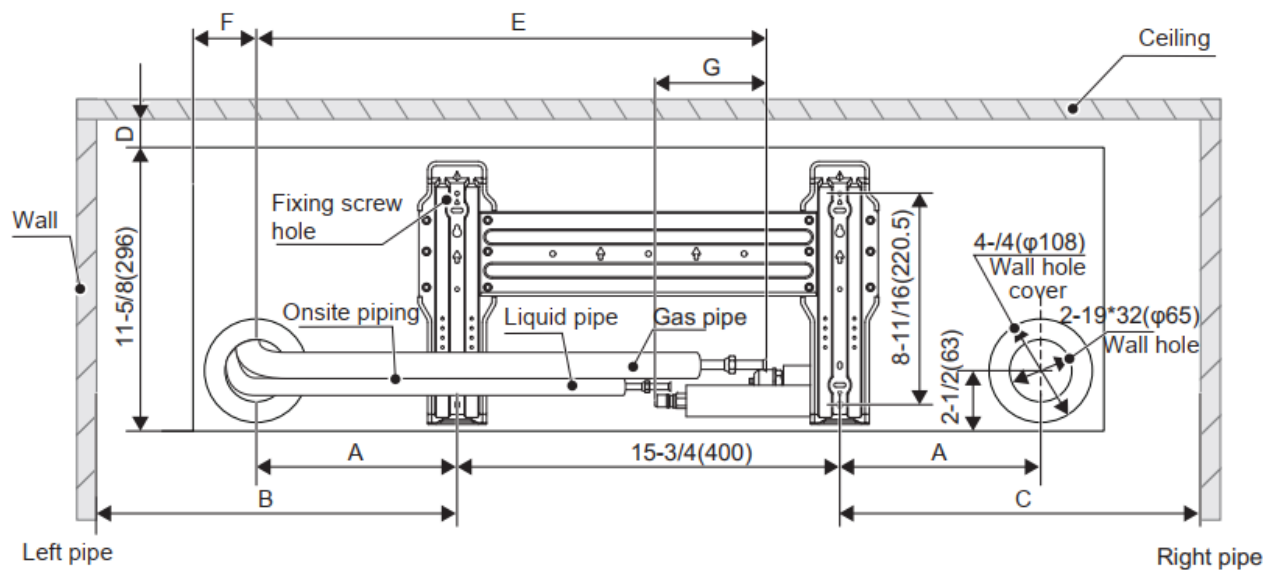
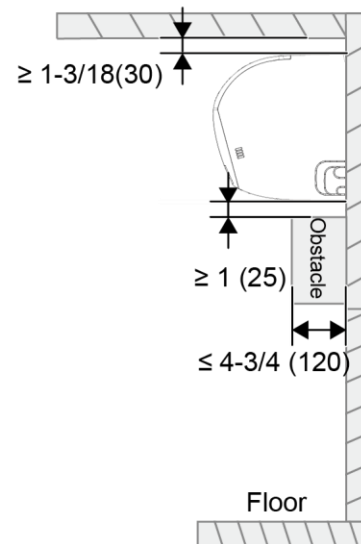
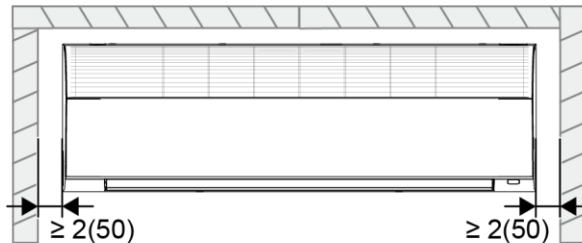
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Installation Space Requirements:

(unit: in(mm))



Distance Capacity(kBtu/h)	A	B	C	D	E	F	G	Reserved length of power supply cable and signal cable	
								Left pipe	Right pipe
kBtu/h ≤ 12	3-15/16(100)	≥ 8-7/8(225)	≥ 8-7/8(225)	≥ 1-13/16(30)	9-1/16(230)	2-9/16(65)	4(102)	≥ 43-7/8(1 115)	≥ 16-5/16(415)
12 < kBtu/h ≤ 18	7-1/16(180)	≥ 12-13/16(325)	≥ 12-13/16(325)	≥ 1-13/16(30)	16-1/4(412)	2-9/16(65)	4(102)	≥ 51-3/4(1 315)	≥ 16-5/16(415)
18 < kBtu/h ≤ 30	8-11/16(220)	≥ 14-3/4(375)	≥ 14-3/4(375)	≥ 1-13/16(30)	20-7/8(530)	2-9/16(65)	3-3/4(95)	≥ 61-5/8(1 565)	≥ 16-5/16(415)