



SUBMITTAL DATA - INDOOR UNIT HB-A160CMGN8

Midea M thermal Arctic Series Split Heat Pump

Job: _____
Location: _____
Schedule No.: _____
System Designation: _____

Engineer: _____
Architect: _____
Location: _____
Date: _____

For: ☐ Reference ☐ Approval ☐ Review ☐ Construction

Heat Pump Indoor Unit

FEATURES

- ♦ R32 environmental refrigerant
- ♦ Two level of silent mode provides more comfort
- ♦ Multi-function wired controller and APP control
- ♦ All the units are equipped with DC compressor, DC fan motor, DC pump
- ♦ Powerful heating with high efficiency

WARRANTY

- ♦ Compressor – Within 42 months after leaving the factory, or within 36 months after product debugging and acceptance (whichever comes first)
- ♦ Unit –Within 18 months after leaving the factory, or within 12 months after product debugging and acceptance (whichever comes first)

*See warranty for details

SPECIFICATION

Model				HB-A160CMGN8
Function				Heating and cooling
Setting water temperature range	Cooling		°F	41~77
	Heating		°F	77~149
	DHW ²		°F	68~140
Power supply			V/Ph/Hz	208/230V~60Hz
Backup E-heater (Optional)	Standard mounted		kW	/
	Optional		kW	3
	Capacity steps			1
	Power supply	3kW	V/Ph/Hz	208/230V~60Hz
Sound pressure level(39.37 inch) ¹				dB(A)
Dimension (W×H×D)				in
Packing (W×H×D)				in
Net/gross weight(Without backup heater)				lb
Net/gross weight (Backup heater have be integrated in the unit)				lb
Water circuit	Piping connections ³		in	R1"
	Safety valve set pressure		psi	43.51
	Drainage pipe connection		in	1
	Expansion tank	Volume	gallon	1.32
		Max. water pressure	psi	43.51
		Pre-pressure	psi	14.50
	Water side exchanger			Plate type
	Water pump head		in	354-11/32
	Water flow range		gpm	3.08~13.21
	Internal water volume		gallon	0.66~1.93
Refrigerant circuit	Liquid Dia. (OD)		in	3/8
	Gas Dia. (OD)		in	5/8



NOTES

1. Sound pressure level is the maximum value tested under the two conditions of Heating: A44.6W95 and Cooling: A95W64.4.
2. Maximum domestic hot water temperature 140°F is only available with TBH support.
3. The unit is equipped with an R1 "to NPT1 interface attachment.
4. Some specifications may change, for reference only.



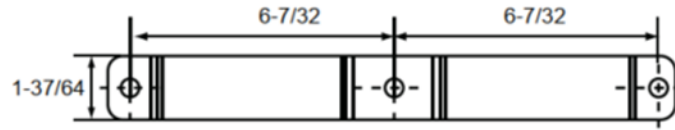


SUBMITTAL DATA - I N D O O R U N I T HB-A160CMGN8

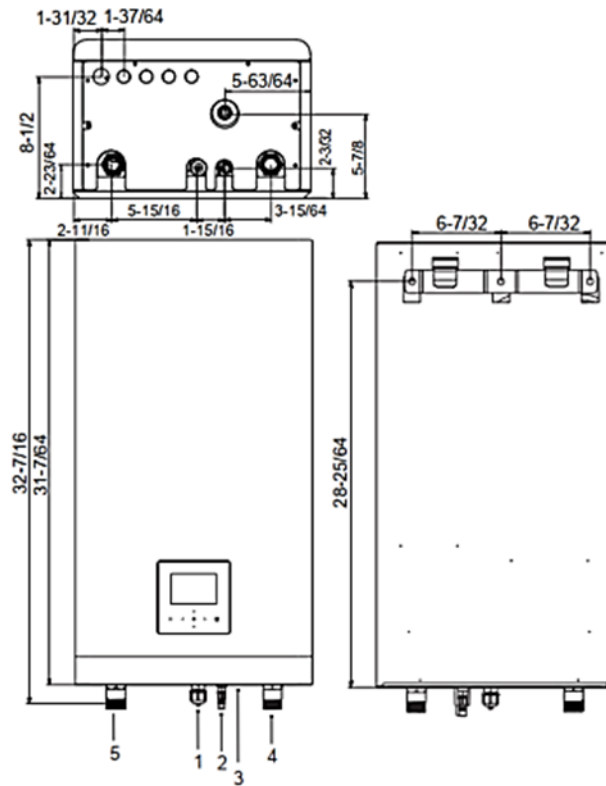
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DIMENSIONAL DRAWINGS-INCHES (in)

Dimensions of the wall bracket (unit: in):



Dimensions of the unit (unit: in) :



NOTE:

Due to Midea ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury.

Installation and service must be performed by a qualified installer and servicing agency.