

SUBMITTAL DATA SHEET



Series Name: PWHP
Model Number: MAH09B1AGR

Console Heat Pump System

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



INDOOR SPEINDOOR SPECIFICATIONCIFICATION

Indoor Air Flow (Turbo/H/M/L/Si) (CFM)	346 / 205 / 126
Indoor Noise Level (Turbo/H/L/S) (dBA)	51/43/30(heating mode)
Indoor sound power level(H/L/S) (dBA)	57/47/39(heating mode)

OUTDOOR SPECIFICATION

Compressor Type	ROTARY
Compressor Model	KCK103D33UE4KR3
Compressor Brand	GMCC
Refrigerant	R32
Refrigerant charged Amount(oz/kg)	32.3 (0.915)
Refrigerant Oil Charge(mL)	280
Refrigerant Oil	POE VG75R
Outdoor Air Flow (Max) (CFM)	955/677/241
Outdoor Noise Level (dBA)	65.6/-/42(heating mode)

UNIT (WITHOUT BRACKET) SPECIFICATION

Package (WxDxH)	inch	37x28 3/8 x22 7/8
	mm	940x720x580
Net/Gross Weight	lbs	145.5/172
	kg	66/78
Qty per 20' / 40' / 60' / 80' / 100' / 120' / 140' / 160' / 180' / 200' / 220' / 240' / 260' / 280' / 300' / 320' / 340' / 360' / 380' / 400' / 420' / 440' / 460' / 480' / 500'	Unit and Bracket	72/145/148

EFFICIENCY

Cooling		Heating	
CEER	17.6	HEER	11.0
EER	12.4	COP	4.05

PERFORMANCE of Cooling

Cooling (Btu/hr)

1. @ 95°F Rated	9,500
2. @ 109°F Rated	7000
3. @ 92°F Rated: Capacity / EER	9,850 / 13.13
Standard Operating Range(°F/°C)	64~122 (18 ~ 50)

PERFORMANCE of Heating

Heating (Btu/hr)

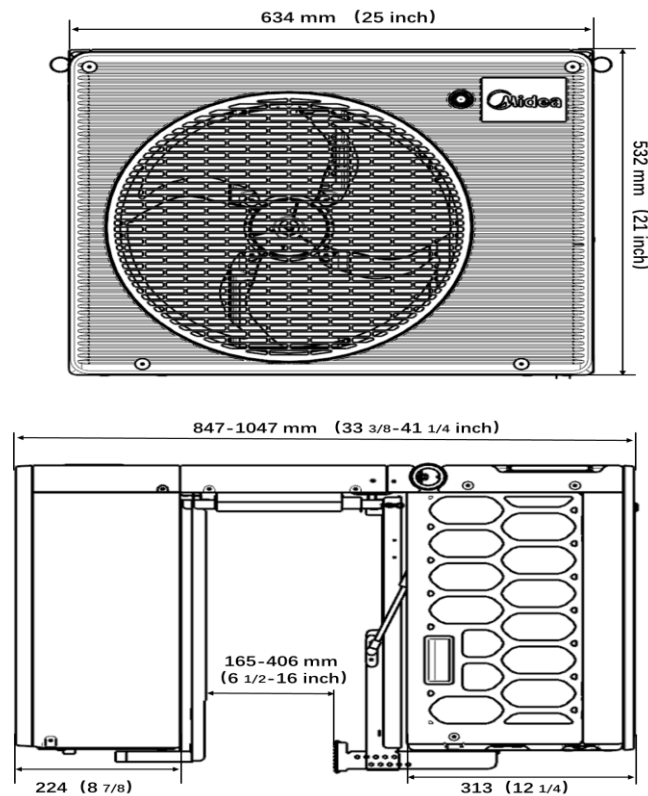
1. @ 47°F Rated	9,000
2. @ 17°F Rated	9,000
3. @ 5°F Rated: Capacity / COP	9,000 / 2.08
3. @ -4°F Rated	7,500
4. @ 13°F Rated	6,200
5. @ 22°F Rated	5,000
Standard Operating Range(°F/°C)	-13 ~ 86 (-25 ~ 30)

ELECTRICAL

Power Supply	115V,1Ph, 60Hz
Voltage Range	103-126
System MCA	15.0
System MOCP	20
Compressor RLA	6
Outdoor Fan Motor RLA	0.29
Outdoor Fan Motor W	66
Indoor Fan Motor RLA	0.1
Indoor Fan Motor W	22
System Power Input @ Cooling (W)	780
System Power Input @ Heating (W)	650
MCA: Min. circuit amps (A)	MOCP: Max. over current protection (A)
RLA: Rated load amps (A)	W: Fan motor rated output (W)

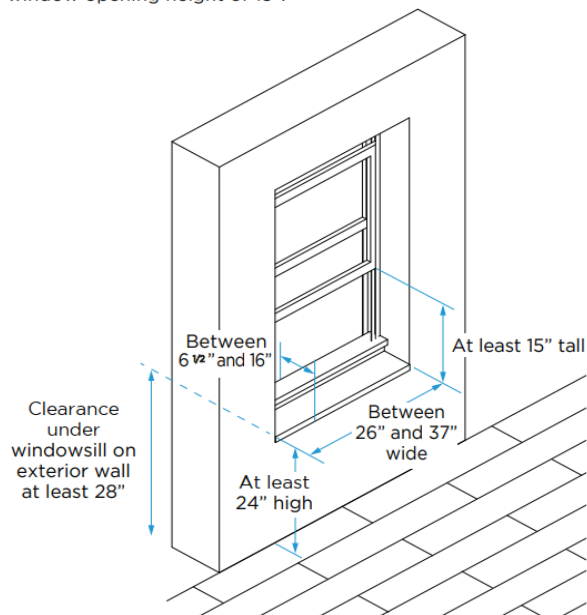
Unit Dimension

Unit: inch (mm)



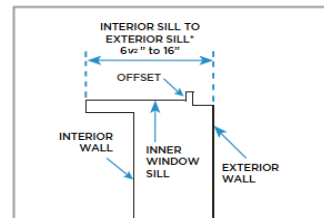
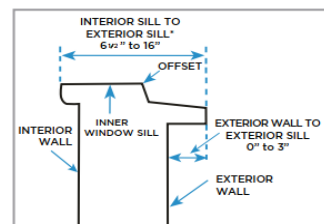
Installation Instruction

Your unit is designed to install in standard double hung windows with opening widths at least 26" and a window opening height of 15".



NOTE

To ensure enough clearance below the window for the unit, do not install in a window above a radiator.



NOTE

If the window does not have an interior or exterior sill, measure to the interior and exterior walls.

FEATURES

- Compact Design
- Real Heat Pump Performance
 - 5°F/-15°C 100% Heating with COP up to 2.0
 - -22°F/-30°C Continuous Operation
 - AC & cold climate heat pump,
- Year Round Room Comfort
 - AC & cold climate heat pump
 - Air leakage same as Estar window
 - Ability to open window
 - Supper quiet operation (down to 30 dBA)
- Easy Installation
 - Installable with 2 people
 - Standard 120V outlet
 - No drilling or building modifcaiton
 - Factory charged R-32 refrigerant
- Smart Centralized Control with BACnet Capability