SUBMITTAL DATA SHEET

Series Name: Packaged Window Heat Pump
Model Number: MAH09S1AGR

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)	31.99 (0.907)
Refrigerant Oil Charge(mL)	280
Refrigerant Oil	POE VG75R
Outdoor Air Flow (Max) (CFM)	955 / 677 / 241
Outdoor Noise Level (dBA)	66/-/42(heating mode)

UNIT (WITHOUT BRACKET) SPECIFICATION		
Package (W×D×H)	**inch**	37 x 28 3/8 x 23
	mm	940 x 720 x 585
Net/Gross Weight	**lbs**	145.5 / 163.1
	kg	66 / 74
Qty per 20' /40' /40'HQ	**Unit and Bracket**	72 / 145 / 148

EFFICIENCY			
Cooling		**Heating**	
CEER	17.6	**HEER**	11.0
EER	11.65	**COP**	4.05

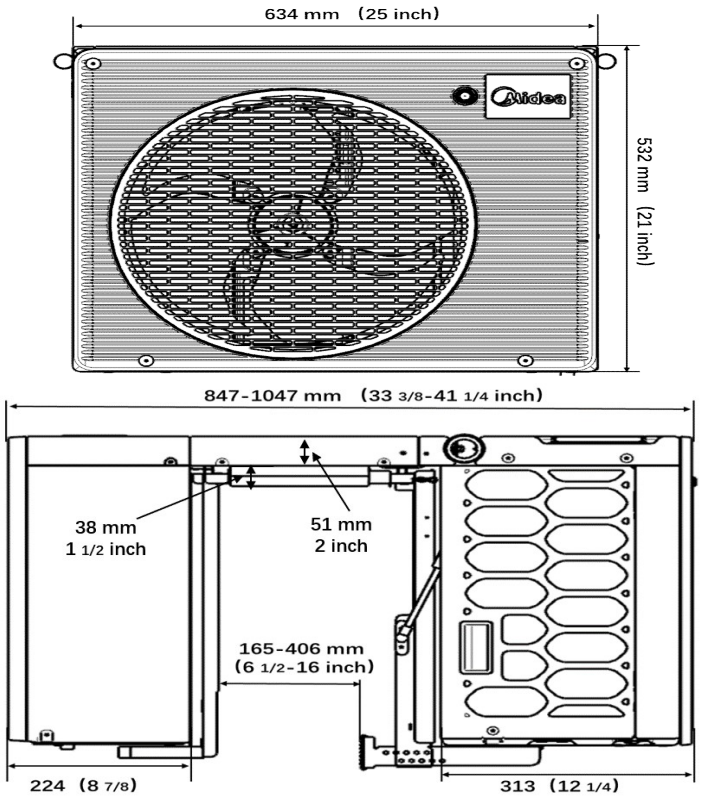
PERFORMANCE of Cooling	
Cooling (Btu/hr)	
1. @ 95°F Rated	9,500
2. @ 109°F Rated	7000
3. @ 92°F Rated: Capacity / EER	9,850 / 13.13
Standard Operating Range(°F/°C)	32~122 (0 ~ 50)

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
Plug type	LCDI(5-15P)
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)	815
System Power Input @ Heating (W)	720
RLA: Rated load amps (A)	**W:** Fan motor rated output (W)

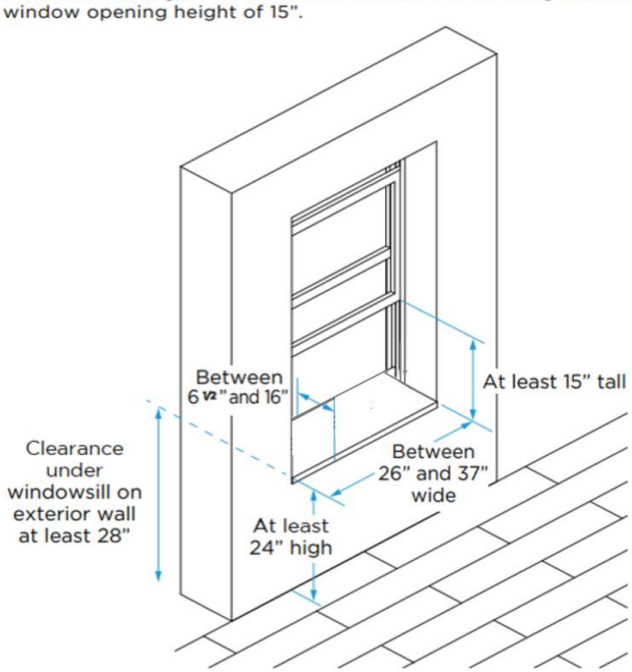
Unit Dimension

Unit: mm (inch)



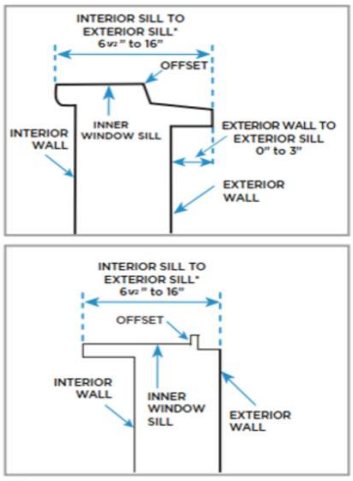
Installation Instruction

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
  - -13°F/-25°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 115V outlet
  - No drilling or building modificaiton
  - Factory charged R-32 refrigerant
- WiFi capability: through WiFi dongle or wired controller with built-in WiFi
- OTA(by using WiFi dongle)