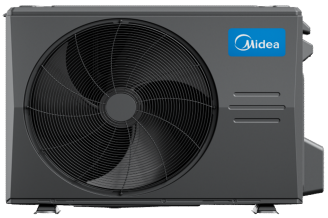
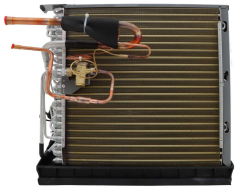
# SUBMITTAL DATA SHEET

Series Name: Cooling Only Acoil Series
Model Number: MAAHE-H24B-AA-UC/MO1AE-C30B-2A

| Air Handler Heat Pump System | |
|---|---|
| Location: | Approval: |
| Engineer: | Date: |
| Submitted to: | Construction: |
| Submitted by: | Unit #: |
| Reference: | Drawing #: |

This combination can't be installed in Southwest US





| INDOOR SPECIFICATION | | |
|---|---|---|
| Dimension (W×D×H) | inch | 13 x 22-5/8 x 16-1/2 |
| | mm | 332 x 575 x 420 |
| Package (W×D×H) | inch | 16-1/8 x 26-1/8 x 22 |
| | mm | 410 x 665 x 560 |
| Net/Gross Weight | lbs | 17.2 / 32.8 |
| | kg | 7.8 / 14.9 |

| OUTDOOR SPECIFICATION | | |
|---|---|---|
| Compressor Type | | ROTARY |
| Compressor Model | | KTM240D46UKT2 |
| Refrigerant | | R454B |
| Refrigerant Oil Charge(mL) | | 620 |
| Refrigerant Oil | | VG74 |
| Outdoor Air Flow (Max) (CFM) | | 1,825 |
| Outdoor Noise Level (dBA) | | 58 |
| Dimension (W×D×H) | inch | 35 x 13-1/2 x 26-1/2 |
| | mm | 890 × 342 × 673 |
| Package (W×D×H) | inch | 39-1/8 x 15-5/8 x 29-1/8 |
| | mm | 995 × 398 × 740 |
| Net/Gross Weight | lbs | 98.33/105.60 |
| | kg | 44.6/47.9 |

| EFFICIENCY | | | |
|---|---|---|---|
| Cooling | | Heating | |
| SEER2 | 15.0 | HSPF2-4 | / |
| EER2 | 10.0 | COP | / |

| PERFORMANCE of Cooling | |
|---|---|
| Cooling (Btu/hr) | |
| Rated Capacity | 29,000 |
| Min/Max Capacity | / |
| Moisture Removal(L/h) | 3 |
| Standard Operating Range(°F/°C) | -13~122(-25 ~ 50) |
| Rated Cooling Conditions: | Indoor: 80°F DB/67°F WB |
| | Outdoor: 95°F DB/75°F WB |

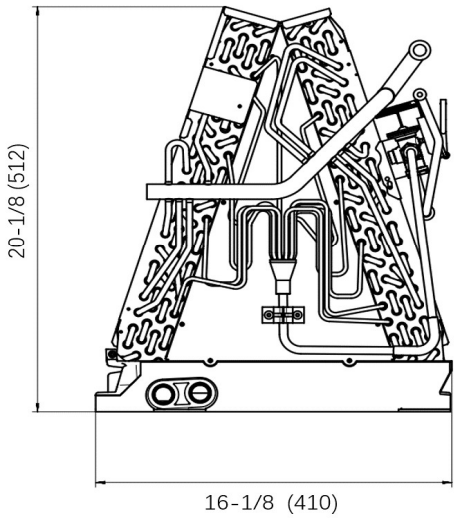
| PERFORMANCE of Heating | |
|---|---|
| Heating (Btu/hr) | |
| 1. @ 47°F Rated | / |
| 2. @ 47°F Min/Max Capacity | / |
| 3. @ 17°F Rated | / |
| 4. @ 5°F Rated: Capacity / COP | /// |
| 5. @ 5°F Max: Capacity | / |
| Standard Operating Range(°F/°C) | /(/) |
| 1. Rated Heating Conditions: | Indoor: 70°F DB/60°F WB |
| | Outdoor: 47°F DB/43°F WB |
| 2. Rated Heating Conditions: | Indoor: 70°F DB/60°F WB |
| | Outdoor: 17°F DB/15°F WB |
| 3. Heating Conditions, Compressor Operating at Max. Frequency | Indoor: 70°F DB/60°F WB |
| | Outdoor: 5°F DB/5°F WB |

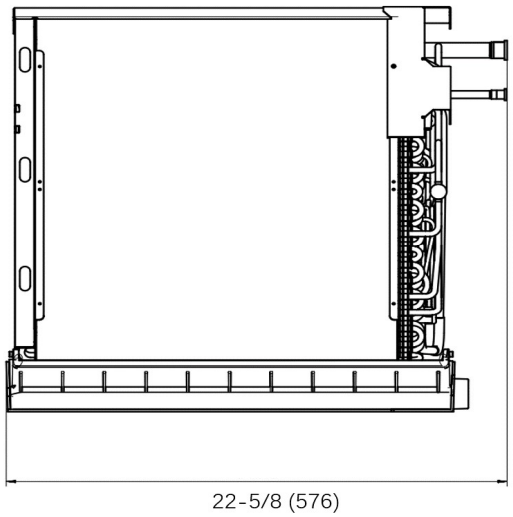
| ELECTRICAL | |
|---|---|
| Indoor Power Supply | 24V,60Hz,1Ph |
| Indoor MCA 115V/(208/230V) | / |
| Indoor MOP | / |
| Outdoor Power Supply | 208/230,60Hz,1Ph |
| Outdoor MCA | 20 |
| Outdoor MOP | 20 |
| Communication Wiring | AWG 20-2 |
| Compressor RLA | 15 |
| Outdoor Fan Motor RLA | 1 |
| Outdoor Fan Motor W | / |
| Indoor Fan Motor RLA | / |
| Indoor Fan Motor W | / |
| System Power Input @ Cooling (W) | () |
| System Power Input @ Heating (W) | /(/) |
| **MCA**: Min. circuit amps (A) | **MOCP: Max. over current protection (A)** |
| **RLA:** Rated load amps (A) | **W: Fan motor rated output (W)** |

| PIPING | |
|---|---|
| Throttle type(Indoor) | TXV |
| Throttle type(Outdoor) | / |
| Liquid Size | 9.52mm(3/8in) |
| Gas Size | 19mm(3/4in) |
| Max. Piping Length(ft/m) | 164(50) |
| Max. Height Difference(ft/m) | 98(30) |
| Max. Pre-charged Length(ft/m) | 24.6(7.5) |
| Refrigerant Pre-charged Amount(oz/kg) | 81.13(2.30) |
| Additional Charge of Refrigerant((oz/ft)/(g/m) | 0.7(65) |
| Connection Method | Flared |

## Indoor Unit Dimension

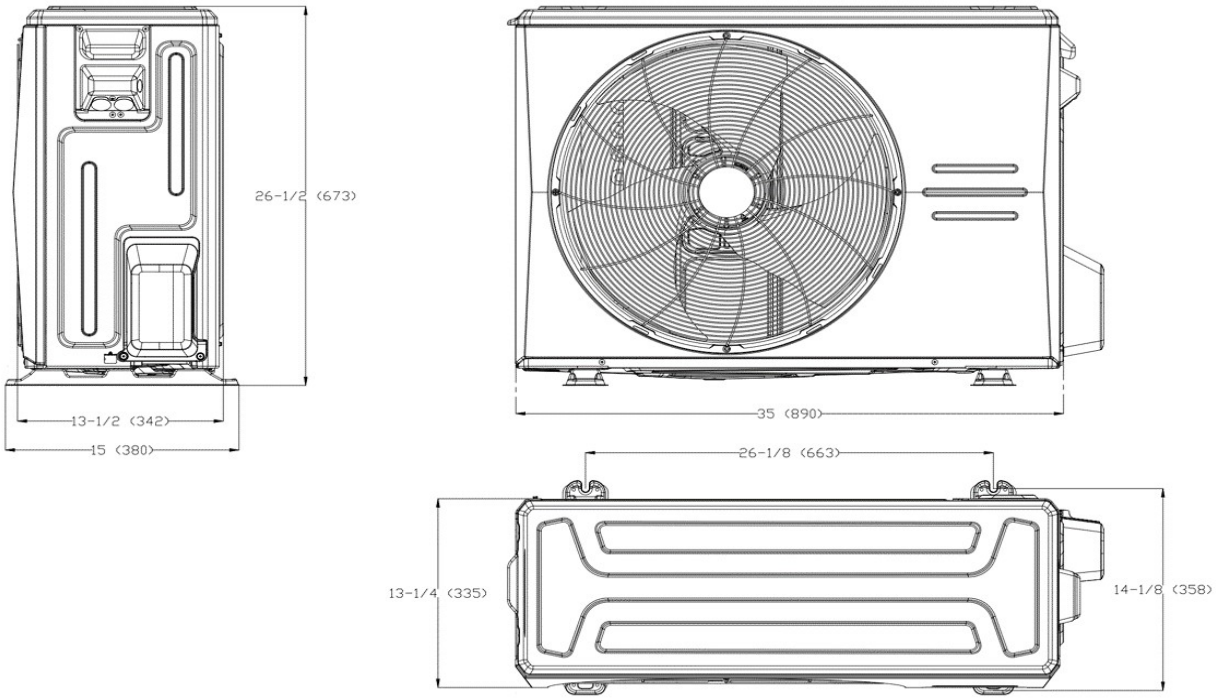
Unit:inch(mm)



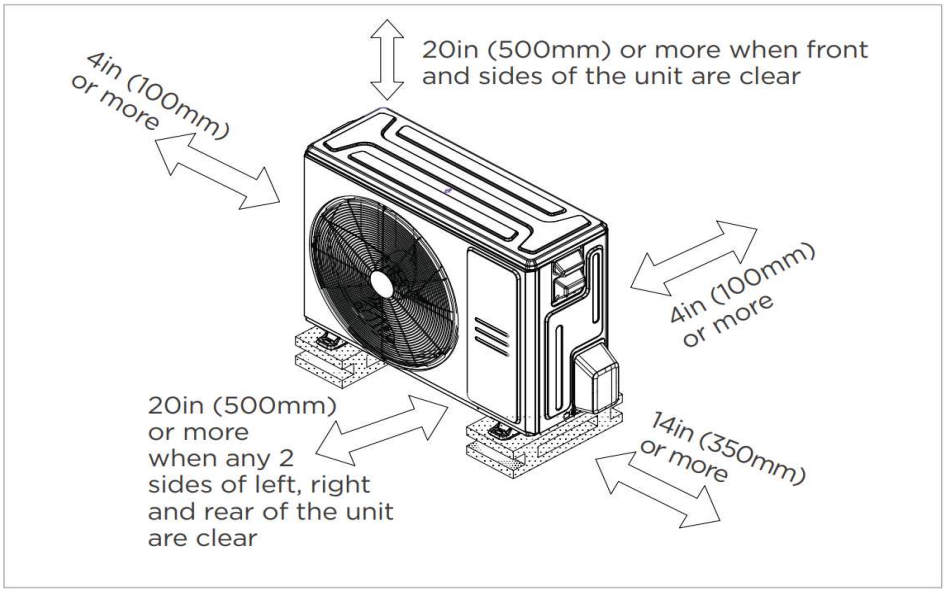



## Outdoor Unit Dimension

Unit:inch(mm)




## Installation Instruction For Outdoor Unit




☑ Meets all spatial requirements shown in Installation Clearance Requirements above.

**Features**

- Multi-position installation: horizontal(left or right), vertical( up or down)
- Aluminum Coil
- R454B refrigerant sensor
- Easy Maintenance
- Multiple control options available:
  - Two-way communication wired controller with built-in Wi-Fi:120N(X6W)
  - Third-Party 24V Thermostat