



SUBMITTAL DATA SHEET

Series Name: Multi Zone Hyper Heat Series
Model Number: WOM-48HH6/230

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



| OUTDOOR SPECIFICATION | | |
|------------------------------|---------------|-----------------------|
| Compressor Type | TWIN-ROTARY | |
| Compressor Model | ETPQ440D1UMUB | |
| Refrigerant | R454B | |
| Refrigerant Oil Charge(mL) | 1300 | |
| Refrigerant Oil | VG75 | |
| Outdoor Air Flow (Max) (CFM) | 4503 | |
| Outdoor Noise Level (dBA) | 65 | |
| Dimension (WxDxH) | inch | 37.48 x 16.34 x 52.48 |
| | mm | 952x415x1333 |
| Package (WxDxH) | inch | 43.11 x 19.49 x 58.27 |
| | mm | 1095x495x1480 |
| Net/Gross Weight | lbs | 246.47/276.68 |
| | kg | 111.8/125.5 |

| ELECTRICAL | |
|----------------------------------|--|
| Power Supply | 208/230V,60Hz,1Ph |
| System MCA | 37 |
| Connection Wiring | AWG 14-4 |
| System MOCP | 40 |
| Compressor RLA | 27 |
| Outdoor Fan Motor RLA | 2.5 |
| Outdoor Fan Motor W | 85 |
| Indoor Fan Motor RLA | / |
| Indoor Fan Motor W | / |
| System Power Input @ Cooling (W) | 3750/(800 ~ 5600) |
| System Power Input @ Heating (W) | 3989/(800 ~5200) |
| MCA: Min. circuit amps (A) | MOCP: Max. over current protection (A) |
| RLA: Rated load amps (A) | W: Fan motor rated output (W) |

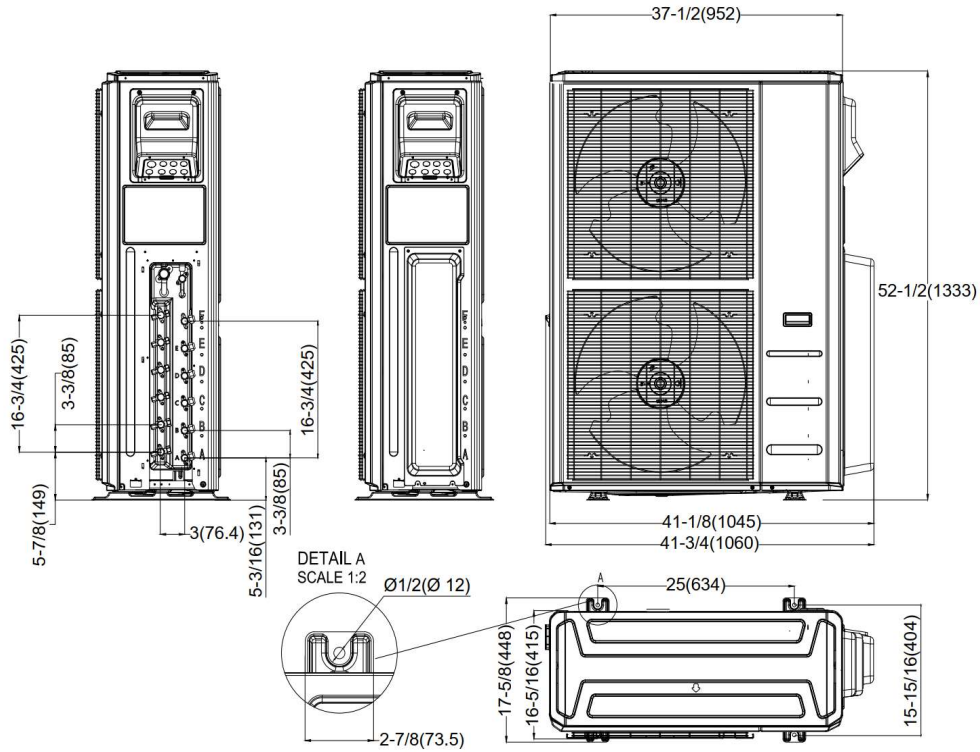
| EFFICIENCY | | | |
|------------|------|---------|------|
| Cooling | | Heating | |
| SEER2 | 21.2 | HSPF2-4 | 10.2 |
| EER2 | 12 | COP | 3.6 |

| PERFORMANCE of Cooling | |
|---------------------------------|---|
| Cooling (Btu/hr) | |
| Rated Capacity | 45000 |
| Min/Max Capacity | 12000~55000 |
| Moisture Removal(L/hr) | 3.6 |
| Standard Operating Range(*F/*C) | -22~122/(-30 ~ 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 | 49000 |
| 1. @ 47°F Min/Max Capacity | 13000~55000 |
| 2. @ 17°F Rated(H32) | 40500 |
| 3. @ 5°F Rated: Capacity / COP(H42) | 48000/2 |
| 3. @ 5°F Max: Capacity | 48000 |
| Standard Operating Range(*F/*C) | -22~75/(-30 ~ 24) |
| 1. Conditions: | Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB |
| 2. Conditions: | Indoor: 70°F DB/60°F WB Outdoor: 17°F DB/15°F WB |
| 3. Conditions | Indoor: 70°F DB/60°F WB Outdoor: 5°F DB/5°F WB |

| PIPING | |
|---|------------------------------------|
| Liquid Size | 6x6.35mm(6x1/4in) |
| Gas Size | 4x9.52mm+2x12.7mm(4x3/8in+2x1/2in) |
| Max. Piping Length for all rooms(ft/m) | 262.4/(80) |
| Max. Piping Length for one IDU(ft/m) | 114.8/(35) |
| Max. Height Difference of IDU and ODU(ft/m) | 49.2/(15) |
| Refrigerant Pre-charged Amount(oz/kg) | 151.68/(4.3) |
| Refrigerant Precharge Length(ft/m) | 24.6/(7.5)x6 |
| Additional Charge of Refrigerant (Φ6.35 (1/4") liquid pipe) ((oz/ft)/(g/m)) | 0.16/(15) |
| Additional Charge of Refrigerant (Φ9.52 (3/8") liquid pipe) ((oz/ft)/(g/m)) | 0.32(30) |
| Connection Method | Flared |

Outdoor Unit Dimension



Installation Instruction

