

SUBMITTAL DATA SHEET



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

| | |
|--------------------|---|
| Outdoor unit code | 22022316001646 |
| Outdoor unit model | BMM48C mixed ducted and non ducted indoor units |
| | |
| Certified | AHRI UL |



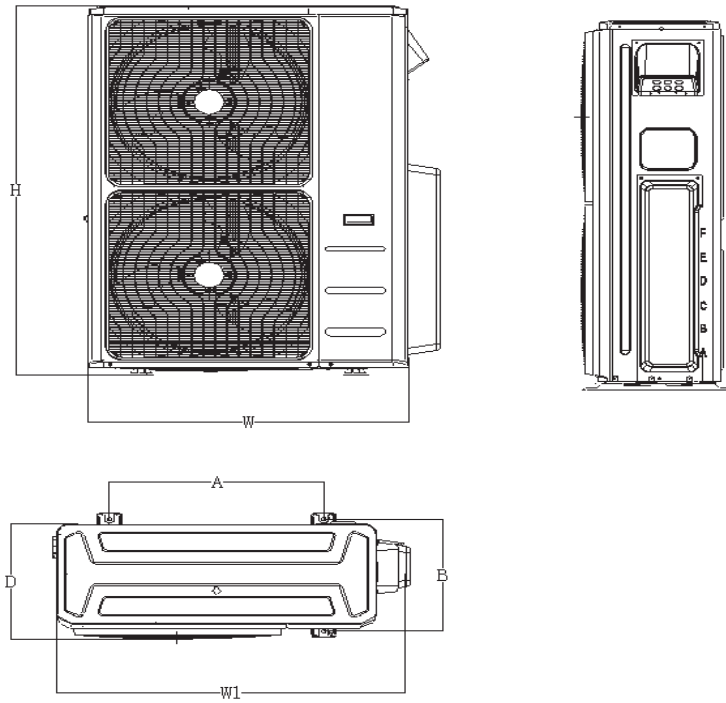
| SYSTEM PERFORMANCE DATA | | |
|----------------------------|-------------|------------------------------|
| Power supply | | |
| Normal Operational Voltage | (V, Ph, Hz) | 208/230V,1Ph, 60Hz |
| Voltage Range | (V) | 187-253 |
| Electrical | | |
| Minimum circuit ampacity | (A) | 40.0 |
| Max.fuse | (A) | 60.0 |
| Connection wiring | | 14AWG*4 Stranded, unshielded |
| Cooling | | |
| Capacity | (Btu/h) | 48000(15500~50350) |
| Power Input | (W) | 4440(705~5140) |
| Current | (A) | 20.7(3.8~23.4) |
| SEER2 | (Btu/W) | 20.8 |
| EER2 | (Btu/W) | 10.9 |
| Heating | | |
| Capacity | (Btu/h) | 49000(24250~54450) |
| Power Input | (W) | 4160(1900~5150) |
| Current | (A) | 19.1(8.8~23.4) |
| HSPF2-4 | (Btu/W) | 9.6 |
| COP | W/W | 3.45 |
| Heat at 17F(H32) | (Btu/h) | 36000 |
| Heat at 5F(H42) | (Btu/h) | 33000 |
| COP at 5F(H42) | W/W | 1.75 |

| | | |
|------------------|-----------|--------|
| Outdoor(cooling) | (Deg. °F) | 5~122 |
| Outdoor(heating) | (Deg. °F) | -13~75 |

| REFRIGERANT PIPE DATA | | |
|--|---------|---------------|
| Design pressure | (PSIG) | 550/340 |
| Refrigerant Type | | R410A |
| Refrigerant charge | oz | 162.0 |
| Refrigerant precharge | (ft) | 25x5 |
| Additional charge for each ft (Φ6.35 (1/4") liquid pipe) | (oz/ft) | 0.16 |
| Additional charge for each ft (Φ9.52 (3/8") liquid pipe) | (oz/ft) | 0.32 |
| Liquid side | (inch) | 5x1/4" |
| Gas side | (inch) | 3x3/8"+2x1/2" |
| Max. length for all rooms | (ft) | 262.5 |
| Max. length for one indoor unit | (ft) | 114.8 |
| Max. height difference between indoor and outdoor unit | (ft) | 49.2 |
| Max. height difference between indoor units | (ft) | 33.0 |

| OUTDOOR UNIT DATA | | |
|-----------------------------------|---------|-------------------|
| Compressor | | |
| Type | | ROTARY |
| Model | | ATQ360D1UMU |
| Brand | | GMCC |
| Capacity | (Btu/h) | 38214 |
| Input | (W) | 3040 |
| Rated current (RLA) | (A) | 24 |
| Refrigerant oil/oil charge | (ml) | VG74/1400 |
| Outdoor fan motor | | |
| Model | | ZKFN-85-8-22-5 |
| Qty | | 2 |
| Input | (W) | 126.00 |
| Output | (W) | 85.00 |
| RLA | (A) | 2.50 |
| Speed | (r/min) | 900/850/800/750 |
| Air flow & Noise level | | |
| Outdoor air flow (Max.) | (CFM) | 4500.00 |
| Outdoor noise level | [dB(A)] | 63.00 |
| Outdoor unit | | |
| Dimension (W×D×H) | (inch) | 37.48x16.34x52.48 |
| Packing (W×D×H) | (inch) | 43.11x19.49x58.27 |
| Net/ Gross weight | (lbs.) | 225.53/256.62 |

Outdoor unit dimension



| Unit | W | D | H | W1 | A | B |
|------|------|------|------|------|------|------|
| inch | 37.5 | 16.3 | 52.5 | 41.7 | 25.0 | 15.9 |