

MXZ-4C36NA2
MULTI-ZONE INVERTER HEAT-PUMP SYSTEM



Job Name:

System Reference:

Date:



FEATURES

- Variable speed INVERTER-driven compressor
- Optional base pan heater
- Quiet outdoor unit operation as low as 56 dB(A)
- High pressure protection
- Compressor thermal protection
- Compressor overcurrent detection
- Fan motor overheating/voltage protection

SPECIFICATIONS: MXZ-4C36NA2

(For data on specific indoor units, see the MXZ-C Technical and Service Manual.)

| | | | |
|---|-------------------------------|---------------------------------|---|
| Cooling* (Non-ducted / Ducted) | Rated Capacity | Btu/h | 35,400 / 34,400 |
| | Capacity Range | Btu/h | 9,500 - 36,400 / 9,500 - 34,400 |
| | Rated Total Input | W | 3,760 / 3,940 |
| Heating at 47°F* (Non-ducted / Ducted) | Rated Capacity | Btu/h | 36,000 / 34,400 |
| | Capacity Range | Btu/h | 15,500 - 43,000 / 15,500 - 41,400 |
| | Rated Total Input | W | 3,020 / 3,100 |
| Heating at 17°F* (Non-ducted/Ducted) | Rated Capacity | Btu/h | 22,200 / 20,300 |
| | Rated Total Input | W | 3,340 / 3,450 |
| Connectable Capacity | | Btu/h | 12,000 - 42,000 |
| Electrical Requirements | Power Supply | Voltage, Phase, Hertz | |
| | Recommended Fuse/Breaker Size | A | 25 |
| | MCA | A | 22.1 |
| Voltage | Indoor - Outdoor S1-S2 | V | AC 208 / 230 |
| | Indoor - Outdoor S2-S3 | V | DC ±24 |
| Compressor | | INVERTER-driven Scroll Hermetic | |
| Fan Motor (ECM) | | F.L.A. | 2.43 |
| Sound Pressure Level | Cooling | dB(A) | 54 |
| | Heating | dB(A) | 56 |
| External Dimensions (H x W x D) | | In mm | 31-11/32 x 37-13/32 x 13 (796 x 950 x 330) |
| Net Weight | | Lbs / kg | 139 (63) |
| External Finish | | Munsell 3.0Y 7.8/1.1 | |
| Refrigerant Pipe Size O.D. | Liquid (High Pressure) | In / mm | 1/4 (12.7) |
| | Gas (Low Pressure) | In / mm | A: 1/2 (6.35) ; B,C,D: 3/8 (9.52) 230 (70) |
| Max. Refrigerant Line Length | | Ft / m | 230 (70) |
| Max. Piping Length for Each Indoor Unit | | Ft / m | 82 (25) |
| Max. Refrigerant Pipe Height Difference | If IDU is Above ODU | Ft / m | 49 (15) |
| | If IDU is Below ODU | Ft / m | 49 (15) |
| Connection Method | | Flared/Flared | |
| Refrigerant | | R410A | |

* Rating Conditions per AHRI Standard:

Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB
Cooling | Outdoor: 95° F (35° C) DB / 75° F (24° C) WB

Heating at 47°F | Indoor: 70° F (21° C) DB
Heating at 47°F | Outdoor: 47° F (8° C) DB / 43° F (6° C) WB

Heating at 17° F | Indoor: 70° F (21° C) DB
Heating at 17° F | Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB

OPERATING RANGE:

| | Outdoor |
|---------|--------------------------------|
| Cooling | 14 to 115° F (-10 to 46° C) DB |
| Heating | 5 to 65° F (-15 to 18° C) WB |

ENERGY EFFICIENCIES:

| Indoor Unit Type | SEER | EER | HSPF | COP @ 47°F | COP @ 17°F |
|-----------------------------|------|------|------|------------|------------|
| Non-ducted (09+09+09+09) | 19.2 | 9.4 | 11.0 | 3.50 | 2.67 |
| Ducted and Non-ducted | 17.6 | 9.05 | 10.4 | 3.38 | 2.61 |
| Ducted (09+09+09+09) | 16.0 | 8.7 | 9.8 | 3.25 | 2.54 |

NOTES:

For actual capacity performance based on indoor unit type and number of indoor units connected, please refer to MXZ Operational Performance. Although the maximum connectable capacity can exceed rated, the outdoor unit cannot provide more than 100% of the rated capacity. Please utilize this over capacity capability for load shedding or applications where it is known that all connected units will NOT be operating at the same time.

OUTDOOR UNIT ACCESSORIES: MXZ-4C36NA2

| | | |
|-------------------------|--|--------------|
| Ball Valve | Refrigeration Ball Valve - 1/2" | BV12FFSI2 |
| | Refrigeration Ball Valve - 1/4" | BV14FFSI2 |
| | Refrigeration Ball Valve - 3/8" | BV38FFSI2 |
| | Refrigeration Ball Valve - 5/8" | BV58FFSI2 |
| Centralized Drain Pan | Drain Pan | PAC-SH97DP-E |
| Drain Socket | Drain Socket | PAC-SG60DS-E |
| Hail Guards | Hail Guard | HG-A9 |
| Mounting Pad | Condensing Unit Mounting Pad: 24" x 42" x 3" | ULTRILITE2 |
| | Outdoor Unit 3-1/4 inch Mounting Base (Pair) - Plastic | DSD-400P |
| Optional Defrost Heater | Optional Defrost Heater | PAC-645BH-E |
| Port Adapter | Adaptor: 1/2" x 3/8" | MAC-A455JP-E |
| | Adaptor: 1/2" x 5/8" | MAC-A456JP-E |
| | Adaptor: 3/8" x 1/2" | MAC-A454JP-E |
| | Adaptor: 3/8" x 5/8" | PAC-SG76RJ-E |
| Stand | 24" Dual Fan Stand | QSMS2402M |
| | Condenser Wall Bracket | QSWB2000M-1 |
| | Condenser Wall Bracket -Stainless Steel Finish | QSWBSS |
| | Outdoor Unit Stand — 12" High | QSMS1202M |

