

| | |
|-------------------|-------|
| Job Name: | |
| System Reference: | Date: |



Outdoor Unit: MXZ-3C30NAHZ2

ACCESSORIES

- 3/8" x 1/2" Port Adapter (MAC-A454JP-E)
- 1/2" x 3/8" Port Adapter (MAC-A455JP-E)
- 1/2" x 5/8" Port Adapter (MAC-A456JP-E)
- 1/4" x 3/8" Port Adapter (PAC-493PI)
- 3/8" x 5/8" Port Adapter (PAC-SG76RJ-E)
- M-NET Adapter (PAC-IF01MNT-E)
- Airflow Guide (PAC-SH96SG-E)

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

| Specifications | | | Model Name |
|--|-------------------------------|-----------------------|---|
| Unit Type | | | MXZ-3C30NAHZ2 |
| Cooling* (Non-ducted / Ducted) | Rated Capacity | Btu/h | 28,400 / 27,400 |
| | Capacity Range | Btu/h | 6,000 - 28,400 |
| | Rated Total Input | W | 2,272 / 2,661 |
| Heating at 47°F* (Non-ducted / Ducted) | Rated Capacity | Btu/h | 28,600 / 27,600 |
| | Capacity Range | Btu/h | 7,200 - 36,000 |
| | Rated Total Input | W | 2,096 / 2,187 |
| Heating at 17°F* (Non-ducted/Ducted) | Rated Capacity | Btu/h | 18,000 / 16,500 |
| | Maximum Capacity | Btu/h | 28,600 / 27,600 |
| | Rated Total Input | W | 1,991 / 1,993 |
| Heating at 5°F* | Maximum Capacity | Btu/h | 28,600 |
| Energy Star® (ENERGY STAR products are third-party certified by an EPA-recognized Certification Body.) | | | Yes |
| Electrical Requirements | Power Supply | Voltage, Phase, Hertz | 208 / 230V, 1-Phase, 60 Hz |
| | Recommended Fuse/Breaker Size | A | 40 |
| | MCA | A | 30.5 |
| Voltage | Indoor - Outdoor S1-S2 | V | AC 208 / 230 |
| | Indoor - Outdoor S2-S3 | V | DC ±24 |
| Compressor | | | DC INVERTER-driven Twin Rotary |
| Fan Motor (ECM) | | F.L.A. | 2.43 |
| Sound Pressure Level | Cooling | | 54 |
| | Heating | | 58 |
| External Dimensions (H x W x D) | | In / mm | 41-9/32 x 37-13/32 x 13 1048 x 950 x 330 |
| Net Weight | | Lbs / kg | 189 / 86 |
| External Finish | | | Munsell No. 3Y 7.8/11 |
| Refrigerant Pipe Size O.D. — Eight Ports | Liquid (High Pressure) | In / mm | 1/4 / 6.35 |
| | Gas (Low Pressure) | | A:1/2 / 12.7 ; B,C: 3/8 / 9.52 |
| 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 / W.B. 23.9° C (75° F)

Heating at 47°F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB
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

SPECIFICATIONS: MXZ-3C30NAHZ2, contd.

OPERATING RANGE:

| | Outdoor |
|---------|--|
| Cooling | D.B. 14 to 115° F [D.B. -10 to 46° C]*1 |
| Heating | W.B. -13 to 65° F [W.B. -25 to 18° C] |

*1. D.B. 5 to 115° F [D.B. -15 to 46° C], when an optional Air Outlet Guide is installed.

ENERGY EFFICIENCIES:

| Indoor Unit Type | SEER | EER | HSPF | COP @ 47°F | COP @ 17°F |
|----------------------------------|-------|-------|-------|------------|------------|
| Non-ducted (06 + 06 + 09) | 18.0 | 12.5 | 11.0 | 4.00 | 2.65 |
| Ducted and Non-ducted | 17.00 | 11.40 | 10.40 | 3.85 | 2.58 |
| Ducted (09 + 09 + 09) | 16.0 | 10.3 | 9.8 | 3.70 | 2.50 |

NOTES:

- Minimum of two Indoor Units must be connected to the MXZ-3C30NAHZ2.
- Minimum installed capacity cannot be less than 12,000 Btu/h.
- Total connected capacity must not exceed 130% of outdoor unit capacity.
- System can operate with only one Indoor Unit turned on.
- Information provided at 208/230V.
- For Reference:
 - MXZ-C Technical & Service Manual for detailed specifications and additional information per Indoor Unit Combination.
 - MXZ Series Multi-Zone Indoor/Outdoor Combination Table for allowed unit combinations.

MVZ CONNECTION RULES:

- Only 1 MVZ may be used on any system.
- When an MVZ is connected, total connected capacity must be 100% or less.
- When an MVZ is connected, no P-Series indoor units can be used (PCA, PLA, or PEAD).

Notes:

MXZ-3C30NAHZ2 OPERATIONAL PERFORMANCE

NON-DUCTED:

| # of indoor unit | Total Nominal Capacity (x1000 Btu/h) | Total Indoor Unit Capacity (Btu/h) | Operational Performance for Indoor Unit Combinations (Unit A + Unit B + Unit C) | Cooling Capacity Range (Btu/h) | | |
|------------------|--------------------------------------|------------------------------------|---|--------------------------------|--------|--------|
| | | | | Heating Capacity Range (Btu/h) | | |
| | | | | Unit A | Unit B | Unit C |
| 1 | 6 | 6,000 | 6 | 6,000 | - | - |
| | | 7,400 | | 7,400 | - | - |
| 1 | 9 | 9,000 | 9 | 9,000 | - | - |
| | | 11,000 | | 11,000 | - | - |
| 1 | 12 | 12,000 | 12 | 12,000 | - | - |
| | | 14,400 | | 14,400 | - | - |
| 1 | 15 | 14,000 | 15 | 14,000 | - | - |
| | | 18,000 | | 18,000 | - | - |
| 1 | 18 | 17,200 | 18 | 17,200 | - | - |
| | | 21,600 | | 21,600 | - | - |
| 1 | 24 | 22,500 | 24 | 22,500 | - | - |
| | | 22,600 | | 22,600 | - | - |
| 2 | 12 | 12,000 | 6 + 6 | 6,000 | 6,000 | - |
| | | 14,800 | | 7,400 | 7,400 | - |
| 2 | 15 | 15,000 | 6 + 9 | 6,000 | 9,000 | - |
| | | 18,400 | | 7,400 | 11,000 | - |
| 2 | 18 | 18,000 | 6 + 12 | 6,000 | 12,000 | - |
| | | 22,000 | | 7,500 | 14,500 | - |
| 2 | 21 | 20,000 | 6 + 15 | 6,000 | 14,000 | - |
| | | 22,000 | | 6,400 | 15,600 | - |
| 2 | 24 | 23,000 | 6 + 18 | 5,900 | 17,100 | - |
| | | 23,000 | | 5,900 | 17,100 | - |
| 2 | 30 | 24,000 | 6 + 24 | 5,100 | 18,900 | - |
| | | 24,000 | | 5,900 | 18,100 | - |
| 2 | 18 | 18,000 | 9 + 9 | 9,000 | 9,000 | - |
| | | 22,000 | | 11,000 | 11,000 | - |
| 2 | 21 | 20,000 | 9 + 12 | 8,600 | 11,400 | - |
| | | 22,000 | | 9,500 | 12,500 | - |
| 2 | 24 | 23,000 | 9 + 15 | 9,000 | 14,000 | - |
| | | 23,000 | | 8,700 | 14,300 | - |
| 2 | 27 | 24,000 | 9 + 18 | 8,200 | 15,800 | - |
| | | 24,000 | | 8,100 | 15,900 | - |
| 2 | 33 | 24,000 | 9 + 24 | 6,900 | 17,100 | - |
| | | 24,000 | | 7,900 | 16,100 | - |
| 2 | 24 | 23,000 | 12 + 12 | 11,500 | 11,500 | - |
| | | 23,000 | | 11,500 | 11,500 | - |
| 2 | 27 | 24,000 | 12 + 15 | 11,100 | 12,900 | - |
| | | 24,000 | | 10,700 | 13,300 | - |
| 2 | 30 | 24,000 | 12 + 18 | 9,900 | 14,100 | - |
| | | 24,000 | | 9,600 | 14,400 | - |
| 2 | 36 | 24,000 | 12 + 24 | 8,300 | 15,700 | - |
| | | 24,000 | | 9,300 | 14,700 | - |
| 2 | 30 | 24,000 | 15 + 15 | 12,000 | 12,000 | - |
| | | 24,000 | | 12,000 | 12,000 | - |
| 2 | 33 | 24,000 | 15 + 18 | 10,800 | 13,200 | - |
| | | 24,000 | | 10,900 | 13,100 | - |
| 2 | 36 | 24,000 | 18 + 18 | 12,000 | 12,000 | - |
| | | 24,000 | | 12,000 | 12,000 | - |
| 3 | 18 | 18,000 | 6 + 6 + 6 | 6,000 | 6,000 | 6,000 |
| | | 22,000 | | 7,300 | 7,300 | 7,300 |
| 3 | 21 | 21,000 | 6 + 6 + 9 | 6,000 | 6,000 | 9,000 |
| | | 25,800 | | 7,400 | 7,400 | 11,000 |
| 3 | 24 | 24,000 | 6 + 6 + 12 | 6,000 | 6,000 | 12,000 |
| | | 28,400 | | 7,200 | 7,200 | 14,000 |
| 3 | 27 | 26,000 | 6 + 6 + 15 | 6,000 | 6,000 | 14,000 |
| | | 28,400 | | 6,400 | 6,400 | 15,600 |
| 3 | 30 | 28,400 | 6 + 6 + 18 | 5,800 | 5,800 | 16,700 |
| | | 28,600 | | 5,800 | 5,800 | 17,000 |
| 3 | 36 | 28,400 | 6 + 6 + 24 | 4,900 | 4,900 | 18,500 |
| | | 28,600 | | 5,700 | 5,700 | 17,300 |

MXZ-3C30NAHZ2 OPERATIONAL PERFORMANCE, contd.

NON-DUCTED:

| # of indoor unit | Total Nominal Capacity (x1000 Btu/h) | Total Indoor Unit Capacity (Btu/h) | Operational Performance for Indoor Unit Combinations (Unit A + Unit B + Unit C) | Cooling Capacity Range (Btu/h) | | |
|------------------|--------------------------------------|------------------------------------|---|--------------------------------|--------|--------|
| | | | | Heating Capacity Range (Btu/h) | | |
| | | | | Unit A | Unit B | Unit C |
| 3 | 24 | 24,000 | 6 + 9 + 9 | 6,000 | 9,000 | 9,000 |
| | | 28,400 | | 7,100 | 10,600 | 10,600 |
| 3 | 27 | 28,400 | 6 + 9 + 12 | 6,300 | 9,500 | 12,600 |
| | | 28,400 | | 6,400 | 9,500 | 12,500 |
| 3 | 30 | 28,400 | 6 + 9 + 15 | 5,900 | 8,800 | 13,700 |
| | | 28,600 | | 5,800 | 8,600 | 14,100 |
| 3 | 33 | 28,400 | 6 + 9 + 18 | 5,300 | 7,900 | 15,200 |
| | | 28,600 | | 5,300 | 7,900 | 15,400 |
| 3 | 30 | 28,400 | 6 + 12 + 12 | 5,700 | 11,400 | 11,400 |
| | | 28,600 | | 5,800 | 11,400 | 11,400 |
| 3 | 33 | 28,400 | 6 + 12 + 15 | 5,300 | 10,700 | 12,400 |
| | | 28,600 | | 5,300 | 10,300 | 12,900 |
| 3 | 36 | 28,400 | 6 + 12 + 18 | 4,800 | 9,700 | 13,900 |
| | | 28,600 | | 4,900 | 9,500 | 14,200 |
| 3 | 36 | 28,400 | 6 + 15 + 15 | 5,000 | 11,700 | 11,700 |
| | | 28,600 | | 4,900 | 11,900 | 11,900 |
| 3 | 27 | 28,400 | 9 + 9 + 9 | 9,500 | 9,500 | 9,500 |
| | | 28,400 | | 9,500 | 9,500 | 9,500 |
| 3 | 30 | 28,400 | 9 + 9 + 12 | 8,500 | 8,500 | 11,400 |
| | | 28,600 | | 8,600 | 8,600 | 11,300 |
| 3 | 33 | 28,400 | 9 + 9 + 15 | 8,000 | 8,000 | 12,400 |
| | | 28,600 | | 7,900 | 7,900 | 12,900 |
| 3 | 36 | 28,400 | 9 + 9 + 18 | 7,300 | 7,300 | 13,900 |
| | | 28,600 | | 7,200 | 7,200 | 14,200 |
| 3 | 33 | 28,400 | 9 + 12 + 12 | 7,700 | 10,300 | 10,300 |
| | | 28,600 | | 7,900 | 10,300 | 10,300 |
| 3 | 36 | 28,400 | 9 + 12 + 15 | 7,300 | 9,700 | 11,400 |
| | | 28,600 | | 7,200 | 9,500 | 11,900 |
| 3 | 36 | 28,400 | 12 + 12 + 12 | 9,500 | 9,500 | 9,500 |
| | | 28,600 | | 9,500 | 9,500 | 9,500 |

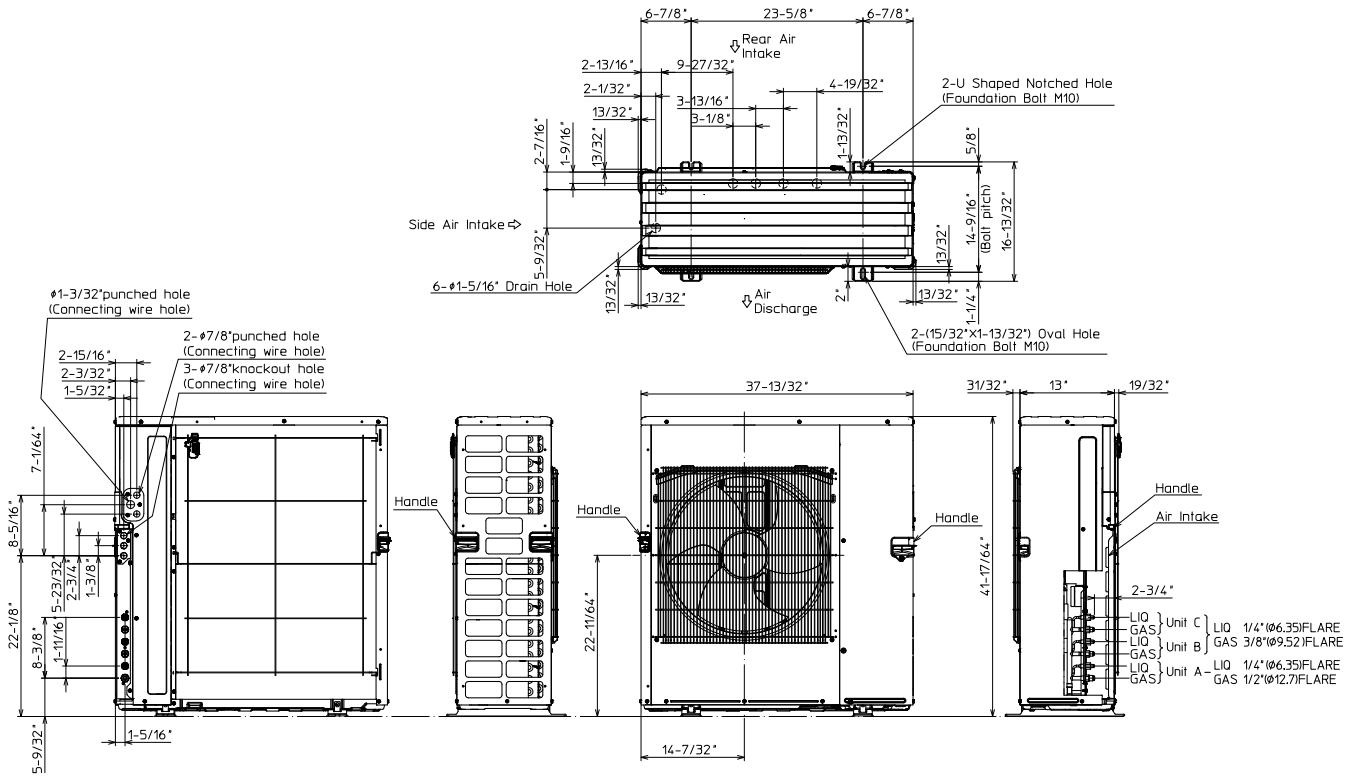
MXZ-3C30NAHZ2 OPERATIONAL PERFORMANCE, contd.

DUCTED:

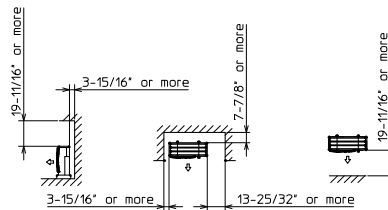
| # of indoor unit | Total Nominal Capacity (x1000 Btu/h) | Total Indoor Unit Capacity (Btu/h) | Operational Performance for Indoor Unit Combinations (Unit A + Unit B + Unit C) | Cooling Capacity Range (Btu/h) | | |
|------------------|--------------------------------------|------------------------------------|---|--------------------------------|--------|--------|
| | | | | Heating Capacity Range (Btu/h) | | |
| | | | | Unit A | Unit B | Unit C |
| 1 | 9 | 9,000 | 9 | 9,000 | - | - |
| | | 10,900 | | 10,900 | - | - |
| 1 | 12 | 12,000 | 12 | 12,000 | - | - |
| | | 13,600 | | 13,600 | - | - |
| 1 | 15 | 15,000 | 15 | 15,000 | - | - |
| | | 18,000 | | 18,000 | - | - |
| 1 | 18 | 17,200 | 18 | 17,200 | - | - |
| | | 21,600 | | 21,600 | - | - |
| 1 | 24 | 22,600 | 24 | 22,600 | - | - |
| | | 24,000 | | 24,000 | - | - |
| 2 | 18 | 18,000 | 9 + 9 | 9,000 | 9,000 | - |
| | | 21,800 | | 10,900 | 10,900 | - |
| 2 | 21 | 21,000 | 9 + 12 | 9,000 | 12,000 | - |
| | | 22,800 | | 10,100 | 12,700 | - |
| 2 | 24 | 24,000 | 9 + 15 | 9,000 | 15,000 | - |
| | | 24,000 | | 9,100 | 14,900 | - |
| 2 | 27 | 24,000 | 9 + 18 | 8,200 | 15,800 | - |
| | | 24,000 | | 8,000 | 16,000 | - |
| 2 | 33 | 24,000 | 9 + 24 | 6,800 | 17,200 | - |
| | | 24,000 | | 7,500 | 16,500 | - |
| 2 | 24 | 24,000 | 12 + 12 | 12,000 | 12,000 | - |
| | | 24,000 | | 12,000 | 12,000 | - |
| 2 | 27 | 24,000 | 12 + 15 | 10,700 | 13,300 | - |
| | | 24,000 | | 10,300 | 13,700 | - |
| 2 | 30 | 24,000 | 12 + 18 | 9,900 | 14,100 | - |
| | | 24,000 | | 9,300 | 14,700 | - |
| 2 | 36 | 24,000 | 12 + 24 | 8,300 | 15,700 | - |
| | | 24,000 | | 8,700 | 15,300 | - |
| 2 | 30 | 24,000 | 15 + 15 | 12,000 | 12,000 | - |
| | | 24,000 | | 12,000 | 12,000 | - |
| 2 | 33 | 24,000 | 15 + 18 | 11,200 | 12,800 | - |
| | | 24,000 | | 10,900 | 13,100 | - |
| 2 | 36 | 24,000 | 18 + 18 | 12,000 | 12,000 | - |
| | | 24,000 | | 12,000 | 12,000 | - |
| 3 | 27 | 27,000 | 9 + 9 + 9 | 9,000 | 9,000 | 9,000 |
| | | 27,400 | | 9,100 | 9,100 | 9,100 |
| 3 | 30 | 27,400 | 9 + 9 + 12 | 8,200 | 8,200 | 11,000 |
| | | 27,600 | | 8,500 | 8,500 | 10,600 |
| 3 | 33 | 27,400 | 9 + 9 + 15 | 7,500 | 7,500 | 12,500 |
| | | 27,600 | | 7,600 | 7,600 | 12,500 |
| 3 | 33 | 27,400 | 9 + 12 + 12 | 7,500 | 10,000 | 10,000 |
| | | 27,600 | | 7,900 | 9,900 | 9,900 |
| 3 | 36 | 27,400 | 12 + 12 + 12 | 9,100 | 9,100 | 9,100 |
| | | 27,600 | | 9,200 | 9,200 | 9,200 |
| 3 | 36 | 27,400 | 9 + 9 + 18 | 7,000 | 7,000 | 13,400 |
| | | 27,600 | | 6,900 | 6,900 | 13,700 |
| 3 | 36 | 27,400 | 9 + 12 + 15 | 6,900 | 9,100 | 11,400 |
| | | 27,600 | | 7,100 | 8,800 | 11,700 |

DIMENSIONS: MXZ-3C30NAHZ2

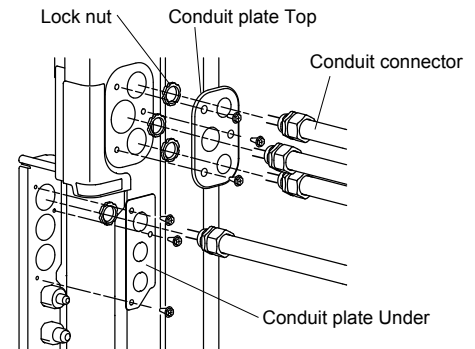
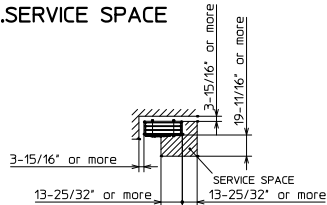
Unit: inch (mm)



1.FREE SPACE



2.SERVICE SPACE



COOLING & HEATING

1340 Satellite Boulevard, Suwanee, GA 30024
Toll Free: 800-433-4822 www.mehvac.com

