

MSZ-GX09NL & MUZ-GX09NLHZ  
9,000 BTU/H WALL-MOUNTED INDOOR UNIT  
9,000 BTU/H INVERTER HYPER HEAT PUMP OUTDOOR UNIT



Job Name:

System Reference:

Date:



INDOOR Unit ... MSZ-GX09NL

OUTDOOR Unit ... MUZ-GX09NLHZ

#### INDOOR UNIT FEATURES

- Dual Barrier Coating: Dual Barrier Coating reduces the collection of contaminants like dust, fibers, smoke, and oil on the inner surface of the indoor unit.
- Swing Mode: An indoor unit with this capability can move air throughout the room like an oscillating fan.
- Econo Cool: Econo Cool is feature that temporarily adjusts the airflow to maintain comfort while using less energy.
- Quiet: Our indoor units offer whisper-quiet operation as low as 19 dB(A). Our outdoor units are design for ultra quiet operation.
- Horizontal Vane Control: Horizontal Vane Control allows the indoor unit vanes to be moved left right to provide even temperatures throughout a space.
- Wi-Fi Enabled: Wi-Fi enabled units pair with the Comfort app for complete control over temperature, fan speeds, modes, schedules, and more.

#### OUTDOOR UNIT FEATURES

- H2i® Hyper-Heating: 100% heating performance down to 5° F with guaranteed heating down to -13° F.
- Blue Fin Coating: Anti-corrosion coating that protects the outdoor heat exchanger against salt, sulfur, and other airborne contaminants that impact the efficiency and performance of the outdoor units.
- Seacoast Protection: Designed to protect against the corrosive effects of environments that are in close proximity to the sea.
- Flash Injection: Flash Injection enables optimum compressor performance when it is running at higher speeds to maintain indoor comfort during cold temperatures.
- Hot Start: The system will warm up before blowing air, preventing blasts of cold air at start-up.

# SPECIFICATIONS: MSZ-GX09NL & MUZ-GX09NLHZ

|                               |                                               |                                     |                                                   |
|-------------------------------|-----------------------------------------------|-------------------------------------|---------------------------------------------------|
| Cooling at 95F <sup>1</sup>   | Maximum Capacity                              | Btu/h                               | 12200                                             |
|                               | Rated Capacity                                | Btu/h                               | 9000                                              |
|                               | Minimum Capacity                              | Btu/h                               | 3200                                              |
|                               | Maximum Power Input                           | W                                   | 1050                                              |
|                               | Rated Power Input                             | W                                   | 585                                               |
|                               | Moisture Removal                              | Pints/h                             | 0.80                                              |
|                               | Sensible Heat Factor                          |                                     | 0.90                                              |
| Heating at 47F <sup>2</sup>   | Power Factor [208V / 230V]                    | %                                   | 84 / 84                                           |
|                               | Maximum Capacity                              | Btu/h                               | 15900                                             |
|                               | Rated Capacity                                | Btu/h                               | 9600                                              |
|                               | Minimum Capacity                              | Btu/h                               | 3300                                              |
|                               | Maximum Power Input                           | W                                   | 1750                                              |
|                               | Rated Power Input                             | W                                   | 580                                               |
| Heating at 17F <sup>3</sup>   | Power Factor [208V / 230V]                    | %                                   | 90 / 90                                           |
|                               | Maximum Capacity                              | Btu/h                               | 11500                                             |
|                               | Rated Capacity                                | Btu/h                               | 5900                                              |
|                               | Maximum Power Input                           | W                                   | 1410                                              |
| Heating at 5F <sup>5</sup>    | Rated Power Input                             | W                                   | 650                                               |
|                               | Maximum Capacity                              | Btu/h                               | 9600                                              |
| Heating at -5F <sup>7</sup>   | Maximum Power Input                           | W                                   | 1560                                              |
| Heating at -10F <sup>8</sup>  | Maximum Capacity                              | Btu/h                               | 8180                                              |
| Heating at -22F <sup>10</sup> | Maximum Capacity                              | Btu/h                               | 7450                                              |
| Efficiency                    | Maximum Capacity                              | Btu/h                               | 5150                                              |
|                               | SEER2                                         |                                     | 28.40                                             |
|                               | EER2 <sup>1</sup>                             |                                     | 15.40                                             |
|                               | HSPF2 [IV]                                    |                                     | 10.20                                             |
|                               | COP at 47°F <sup>2</sup>                      |                                     | 4.85                                              |
|                               | COP at 17°F at Maximum Capacity <sup>3</sup>  |                                     | 2.38                                              |
|                               | COP at 5°F at Maximum Capacity <sup>5</sup>   |                                     | 1.80                                              |
|                               | COP at -5°F at Maximum Capacity <sup>7</sup>  |                                     | 2.04                                              |
| Electrical                    | COP at -10°F at Maximum Capacity <sup>8</sup> |                                     | 1.94                                              |
|                               | ENERGY STAR® Certified                        |                                     | Yes                                               |
|                               | Voltage, Phase, Frequency                     | V AC / V AC , Ø , Hz                | 208 / 230 , 1 , 60                                |
|                               | Guaranteed Voltage Range                      | V AC                                | 187 - 253                                         |
|                               | Voltage: Indoor - Outdoor, S1-S2              | V AC                                | 230 / 208                                         |
|                               | Voltage: Indoor - Outdoor, S2-S3              | V DC                                | 24                                                |
|                               | Short-circuit Current Rating [SCCR]           | kA                                  | 5                                                 |
|                               | Recommended Fuse/Breaker Size (Outdoor)       | A                                   | 15                                                |
| Indoor Unit                   | Recommended Wire Size [Indoor - Outdoor]      | AWG                                 | 14                                                |
|                               | MCA                                           | A                                   | 1                                                 |
|                               | Fan Motor Output                              | W                                   | 30                                                |
|                               | Fan Motor Type                                |                                     | DC Motor                                          |
|                               | Airflow Rate at Cooling, Dry                  | CFM                                 | 151 , 172 , 256 , 353 , 448                       |
|                               | Airflow Rate at Cooling, Wet                  | CFM                                 | 136 , 154 , 230 , 318 , 403                       |
|                               | Airflow Rate at Heating, Dry                  | CFM                                 | 151 , 172 , 256 , 353 , 448                       |
|                               | Sound Pressure Level [Cooling]                | dB (A)                              | 19 , 22 , 30 , 37 , 43                            |
|                               | Sound Pressure Level [Heating]                | dB (A)                              | 19 , 22 , 30 , 37 , 43                            |
|                               | Drain Pipe Size O.D.                          | inch [ mm ]                         | 5/8 [ 15.88 ]                                     |
|                               | Dual Barrier Coating on Heat Exchanger        |                                     | Yes                                               |
|                               | Dual Barrier Coating on Fan                   |                                     | Yes                                               |
|                               | External Finish Color                         |                                     | Munsell 0.7PB 9.2/0.4                             |
|                               | Unit Dimensions (W x D x H)                   | inch x inch x inch [ mm x mm x mm ] | 31-13/32 x 9-21/32 x 11-25/32 [ 798 x 245 x 299 ] |
|                               | Package Dimensions (W x D x H)                | inch x inch x inch [ mm x mm x mm ] | 34-1/4 x 14-1/4 x 12-3/4 [ 870 x 360 x 320 ]      |
|                               | Unit Weight                                   | lbs [ kg ]                          | 23 [ 10.40 ]                                      |
|                               | Package Weight                                | lbs [ kg ]                          | 27 [ 12 ]                                         |

## Notes

- <sup>1</sup>Cooling (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB - test  
<sup>2</sup>Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB  
<sup>3</sup>Heating at 17°F (Indoor // Outdoor) °F 70 DB, 60 WB // 17 DB, 15 WB  
<sup>5</sup>Heating at 5°F (Indoor // Outdoor) °F 70 DB, 60 WB // 5 DB, 4 WB  
<sup>7</sup>Heating at -5°F (Indoor // Outdoor) °F 70 DB, 60 WB // -5 DB, -6 WB  
<sup>8</sup>Heating at -10°F (Indoor // Outdoor) °F 70 DB, 60 WB // -10 DB, -11 WB  
<sup>9</sup>Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.  
<sup>10</sup>Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures): • System cuts out in heating mode and automatically restarts at these temperatures.  
<sup>10</sup>Heating at -22°F (Indoor // Outdoor) °F 70 DB, 60 WB // -22 DB, -23 WB

# SPECIFICATIONS: MSZ-GX09NL & MUZ-GX09NLHZ

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                            |                                     |                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------|----------------------------------------------|
| IDU Operating Temp. Range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cooling Intake Air Temp [Maximum / Minimum]                | deg F , deg F / deg F , deg F       | 90 , 73 / 67 , 57                            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Heating Intake Air Temp [Maximum / Minimum]                | deg F                               | 80 / 70                                      |
| Outdoor Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MCA                                                        | A                                   | 12                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | MOCP                                                       | A                                   | 15                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Fan Motor Full Load Amperage                               | A                                   | 0.71                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Fan Motor Output                                           | W                                   | 37                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Airflow Rate Cooling                                       | CFM                                 | 1177                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Airflow Rate Heating                                       | CFM                                 | 1121                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Defrost Method                                             |                                     | Reverse Cycle                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Coating on Heat Exchanger (Bluefin, Sea Coast)             |                                     | Yes , Yes                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Sound Pressure Level, Cooling <sup>1</sup>                 | dB (A)                              | 48                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Sound Pressure Level, Heating <sup>2</sup>                 | dB (A)                              | 50                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Compressor Type                                            |                                     | Twin Rotary                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Compressor Model                                           |                                     | SRB092FQFMC                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Compressor Oil [Type // Charge]                            | // oz                               | RM68EH // 11.8                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | External Finish Color                                      |                                     | Munsell 3Y 7.8/1.1                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Base Pan Heater                                            |                                     | Built-in                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unit Dimensions (W x D x H)                                | inch x inch x inch [ mm x mm x mm ] | 31-1/2 x 11-1/4 x 21-5/8 [ 800 x 285 x 550 ] |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Package Dimensions (W x D x H)                             | inch x inch x inch [ mm x mm x mm ] | 37 x 15 x 24-1/2 [ 940 x 380 x 630 ]         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unit Weight                                                | lbs [ kg ]                          | 77 [ 34.90 ]                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Package Weight                                             | lbs [ kg ]                          | 85 [ 38.20 ]                                 |
| ODU Operating Temp. Range                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Cooling Intake Air Temp [Maximum / Minimum*]               | F                                   | 115 / 14                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Cooling Thermal Lock-out / Re-start Temperatures**         | F                                   | -1 / 3                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Heating Intake Air Temp [Maximum / Minimum]                | F , F / F , F                       | 75 , 65 / -22 , -23                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Heating Thermal Lock-out / Re-start Temperatures**         | F                                   | -34 / -22.5                                  |
| Refrigerant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Type                                                       |                                     | R454B                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Pre-Charged Refrigerant Amount                             | lbs , oz                            | 2 , 0                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Maximum Pre-Charged Piping Length                          | ft [ m ]                            | 25 [ 7.50 ]                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Additional Refrigerant Charge Per Additional Piping Length | oz/ft                               | 0.22                                         |
| Piping                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Gas Pipe Size O.D. [Flared]                                | inch [ mm ]                         | 3/8 [ 9.52 ]                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Liquid Pipe Size O.D. [Flared]                             | inch [ mm ]                         | 1/4 [ 6.35 ]                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Maximum Piping Length                                      | ft [ m ]                            | 65 [ 20 ]                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Maximum Height Difference                                  | ft [ m ]                            | 40 [ 12 ]                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Maximum Number of Bends                                    |                                     | 10                                           |
| <b>Notes</b> <p><sup>1</sup>Cooling (Indoor // Outdoor) °F 80 DB, 67 WB // 95 DB, 75 WB - test</p> <p><sup>2</sup>Heating at 47°F (Indoor // Outdoor) °F 70 DB, 60 WB // 47 DB, 43 WB</p> <p><sup>3</sup>Heating at 17°F (Indoor // Outdoor) °F 70 DB, 60 WB // 17 DB, 15 WB</p> <p><sup>5</sup>Heating at 5°F (Indoor // Outdoor) °F 70 DB, 60 WB // 5 DB, 4 WB</p> <p><sup>7</sup>Heating at -5°F (Indoor // Outdoor) °F 70 DB, 60 WB // -5 DB, -6 WB</p> <p><sup>8</sup>Heating at -10°F (Indoor // Outdoor) °F 70 DB, 60 WB // -10 DB, -11 WB</p> <p>*Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.</p> <p>**Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures): • System cuts out in heating mode and automatically restarts at these temperatures.</p> <p><sup>10</sup>Heating at -22°F (Indoor // Outdoor) °F 70 DB, 60 WB // -22 DB, -23 WB</p> |                                                            |                                     |                                              |

# INDOOR UNIT ACCESSORIES: MSZ-GX09NL

|                            |                                                                                                                     |                                            |
|----------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Condensate                 | Blue Diamond MicroBlue Condensate Pump 115-230V up to 18k BTU/h                                                     | <input type="checkbox"/> X86-003           |
|                            | Blue Diamond MegaBlue Condensate Pump with Reservoir Sensor 115-230V up to 170k BTU/h                               | <input type="checkbox"/> X87-835           |
|                            | Blue Diamond MaxiBlue Condensate Pump with Reservoir Sensor 115-230V up to 48k BTU/h                                | <input type="checkbox"/> X88-721           |
|                            | Refco Condensate Removal Pump with Wall Mount Enclosure 120-240V up to 120k BTU/h                                   | <input type="checkbox"/> GOBI-II           |
|                            | Drain Pan Level Sensor/Control                                                                                      | <input type="checkbox"/> SS610E            |
|                            | Blue Diamond (MaxiBlue Advanced) Mini Condensate Pump w/ Reservoir & Sensor (110V) up to 48,000 BTU/H [recommended] | <input type="checkbox"/> X87-711           |
|                            | Sauermann Condensate Pump 120-230V up to 60k BTU/h                                                                  | <input type="checkbox"/> SI30-230          |
|                            | Blue Diamond Sensor Extension Cable 15 Ft                                                                           | <input type="checkbox"/> C13-103           |
|                            | Refco Condensate Pump 100-240V up to 120k BTU/h                                                                     | <input type="checkbox"/> COMBI             |
|                            | Blue Diamond MicroBlue Condensate Pump with Fascia Kit 115-230V up to 18k BTU/h                                     | <input type="checkbox"/> X86-011           |
| Control Interface          | Airzone Wireless Lite Controller White                                                                              | <input type="checkbox"/> AZZBSLITERB       |
|                            | M-Net I/O Control Interface for M-Series <sup>2</sup>                                                               | <input type="checkbox"/> MAC-334IF-E       |
|                            | IT Extender                                                                                                         | <input type="checkbox"/> PAC-WHS01IE-E     |
|                            | Airzone Wired Blueface Controller Black                                                                             | <input type="checkbox"/> AZZBSBLUEZEROCN   |
|                            | Airzone Wireless Think Controller White                                                                             | <input type="checkbox"/> AZZBSTHINKRB      |
|                            | Thermostat Interface for 3rd Party Thermostats                                                                      | <input type="checkbox"/> PAC-US445CN-1     |
|                            | kumo station® for Comfort app                                                                                       | <input type="checkbox"/> PAC-WHS01HC-E     |
|                            | Wireless Interface 2 for Comfrot app                                                                                | <input type="checkbox"/> PAC-USWHS002-WF-2 |
|                            | Procon BACnet® and Modbus® Interface                                                                                | <input type="checkbox"/> PAC-UKPRC001-CN-1 |
|                            | Airzone Wireless Think Controller Black                                                                             | <input type="checkbox"/> AZZBSTHINKRN      |
|                            | Airzone Wireless Lite Controller Black                                                                              | <input type="checkbox"/> AZZBSLITERN       |
|                            | Airzone Wired Blueface Controller White                                                                             | <input type="checkbox"/> AZZBSBLUEZEROCB   |
| Disconnect Switch          | (30A/600V/UL) [fits 2" X 4" utility box] - White                                                                    | <input type="checkbox"/> TAZ-MS303W        |
|                            | 30A600VUL fits 2 X 4 utility box - Black                                                                            | <input type="checkbox"/> TAZ-MS303         |
| Drain Hose                 | Flexible Mini-Split Drain Hose                                                                                      | <input type="checkbox"/> DRX-16            |
| Filter                     | Electro Static Anti-allergy Enzyme Filter                                                                           | <input type="checkbox"/> MAC-2320FT-E      |
|                            | Microparticle Filter                                                                                                | <input type="checkbox"/> MAC-EMF515FT-E    |
| Lineset                    | 30 x 1/4 x 30 3/8 Lineset Twin-Tube Insulation                                                                      | <input type="checkbox"/> MLS143812T-30     |
|                            | 50 x 1/4 x 50 3/8 Lineset Twin-Tube Insulation                                                                      | <input type="checkbox"/> MLS143812T-50     |
|                            | 15 x 1/4 x 15 3/8 Lineset Twin-Tube Insulation                                                                      | <input type="checkbox"/> MLS143812T-15     |
|                            | 65 x 1/4 x 65 3/8 Lineset Twin-Tube Insulation                                                                      | <input type="checkbox"/> MLS143812T-65     |
| N/A                        |                                                                                                                     | <input type="checkbox"/> Unknown           |
| Remote Sensor              | Remote Temperature Sensor for MFZ MLZ and MSZ models                                                                | <input type="checkbox"/> M21EAA307         |
|                            | Wireless temperature and humidity sensor for Comfort app                                                            | <input type="checkbox"/> PAC-USWHS003-TH-1 |
| Terminal Signal Adapter    | Backup Heat Relay Kit                                                                                               | <input type="checkbox"/> CN24RELAY-KIT-CM3 |
| Wired Remote Controller    | Deluxe MA Wired Remote Controller <sup>1</sup>                                                                      | <input type="checkbox"/> PAR-42MAAUB       |
|                            | Simple Direct Wired Remote Controller                                                                               | <input type="checkbox"/> PAC-SDW01RC-1     |
|                            | Touch MA Remote Controller <sup>1</sup>                                                                             | <input type="checkbox"/> PAR-CT01MAU-SB    |
|                            | Simple MA Remote Controller <sup>1</sup>                                                                            | <input type="checkbox"/> PAC-YT53CRAU-J    |
| Wireless Remote Controller | Wireless RedLINK™ Remote Controller                                                                                 | <input type="checkbox"/> MHK2              |
|                            | Lockdown Bracket for Wireless Handheld Remote Controllers                                                           | <input type="checkbox"/> RCMKP1CB          |
| <b>Notes</b>               |                                                                                                                     |                                            |

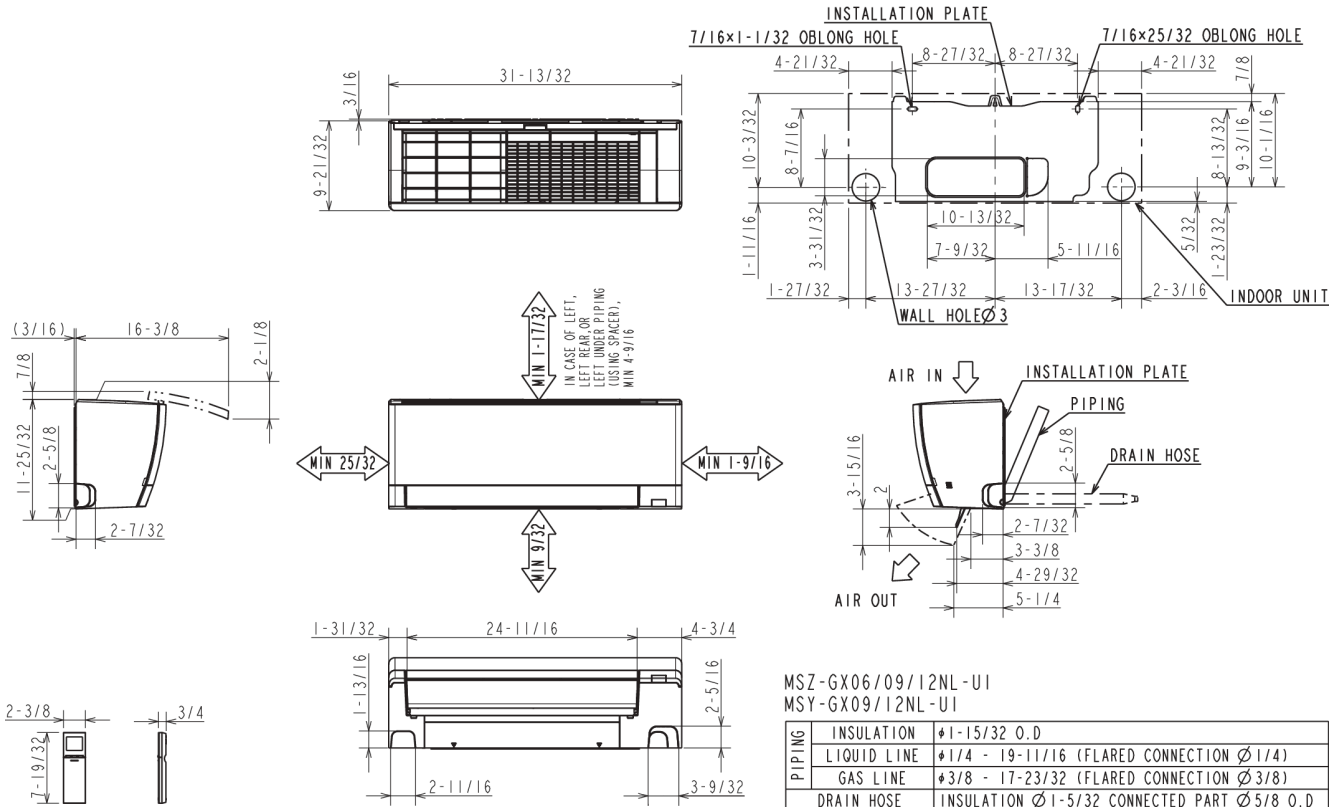
OUTDOOR UNIT ACCESSORIES: MUZ-GX09NLHZ

|                      |                                                     |                          |                |
|----------------------|-----------------------------------------------------|--------------------------|----------------|
| Air Outlet Guide     | Air Outlet Guide                                    | <input type="checkbox"/> | MAC-881SG-E    |
| Control/Service Tool | M- & P-Series Maintenance Tool Cable Set            | <input type="checkbox"/> | M21EC0397      |
|                      | Maintenance Tool Interface                          | <input type="checkbox"/> | PAC-USCMS-MN-1 |
| Drain Socket         | Drain Socket                                        | <input type="checkbox"/> | MAC-871DS      |
| Hail Guards          | Hail Guard                                          | <input type="checkbox"/> | HG-B4          |
| Mini-Split Wire      | 14 Gauge 4 wire Armored MiniSplit Cable50 ft roll   | <input type="checkbox"/> | SW144-50       |
|                      | 14 Gauge 4 wire MiniSplit Cable50 ft roll           | <input type="checkbox"/> | S144-50        |
|                      | 14 Gauge 4 wire Armored MiniSplit Cable250 ft roll  | <input type="checkbox"/> | SW144-250      |
|                      | 14 Gauge 4 wire MiniSplit Cable250 ft roll          | <input type="checkbox"/> | S144-250       |
| Mounting Pad         | Condensing Unit Mounting Pad 16 x 36 x 3            | <input type="checkbox"/> | ULTRILITE1     |
| Snow/Rain Diverter   | SnowRain Diverter                                   | <input type="checkbox"/> | SRD-1          |
| Stand                | Outdoor Unit Stand 12 High                          | <input type="checkbox"/> | QSMS1201M      |
|                      | 18 Single Fan Stand                                 | <input type="checkbox"/> | QSMS1801M      |
|                      | Outdoor Unit 3-14 inch Mounting Base Pair - Plastic | <input type="checkbox"/> | DSD-400P       |
|                      | 24 Single Fan Stand                                 | <input type="checkbox"/> | QSMS2401M      |
|                      | Condenser Wall Bracket                              | <input type="checkbox"/> | QSWB2000M-1    |
|                      | Condenser Wall Bracket - Stainless Steel Finish     | <input type="checkbox"/> | QSWBSS         |

Notes

# INDOOR UNIT DIMENSIONS: MSZ-GX09NL

**MSZ-GX06NL MSZ-GX09NL MSZ-GX12NL MSZ-GX15NL**  
**MSY-GX09NL MSY-GX12NL MSY-GX15NL**



MSZ-GX06/09/12NL-UI  
 MSY-GX09/12NL-UI

|        |             |                                              |
|--------|-------------|----------------------------------------------|
| PIPING | INSULATION  | 1/2" O.D.                                    |
|        | LIQUID LINE | 1/4" - 19-11/16 (FLARED CONNECTION 1/4")     |
|        | GAS LINE    | 3/8" - 17-23/32 (FLARED CONNECTION 3/8")     |
|        | DRAIN HOSE  | INSULATION 1/2" O.D. CONNECTED PART 5/8 O.D. |

MSZ-GX15NL-UI  
 MSY-GX15NL-UI

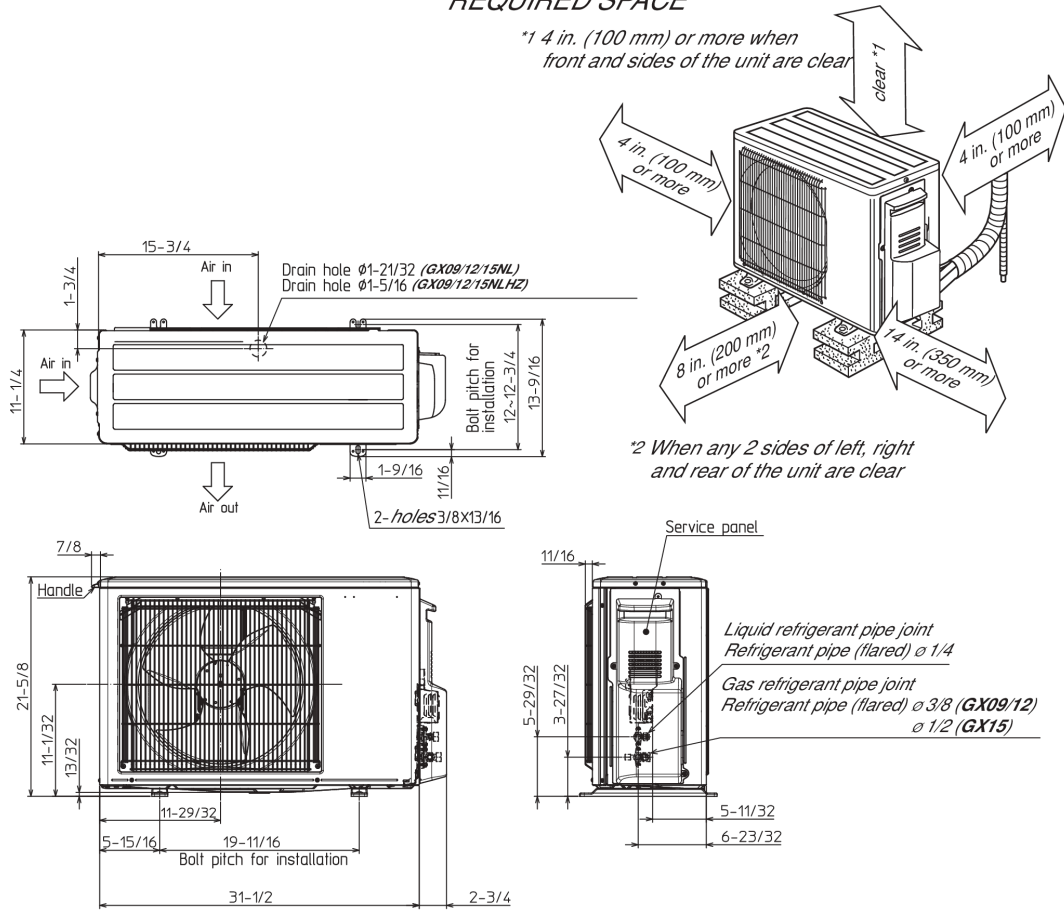
|        |             |                                              |
|--------|-------------|----------------------------------------------|
| PIPING | INSULATION  | 1/2" O.D.                                    |
|        | LIQUID LINE | 1/4" - 19-11/16 (FLARED CONNECTION 1/4")     |
|        | GAS LINE    | 3/8" - 17-23/32 (FLARED CONNECTION 1/2")     |
|        | DRAIN HOSE  | INSULATION 1/2" O.D. CONNECTED PART 5/8 O.D. |

OUTDOOR UNIT DIMENSIONS: MUZ-GX09NLHZ

MUZ-GX09NL-U1  
 MUZ-GX12NL-U1  
 MUZ-GX15NL-U1  
 MUZ-GX09NLHZ-U1  
 MUZ-GX12NLHZ-U1  
 MUZ-GX15NLHZ-U1  
 MUY-GX09NL-U1  
 MUY-GX12NL-U1  
 MUY-GX15NL-U1

### REQUIRED SPACE

\*1 4 in. (100 mm) or more when front and sides of the unit are clear



**MUZ-GX09/12NL MUZ-GX09/12NLHZ**  
**MUY-GX09/12NL**

|                           |                         |             |
|---------------------------|-------------------------|-------------|
| REFRIGERANT<br>PIPE JOINT | LIQUID REFRIGERANT PIPE | FLARED 1/4  |
|                           | GAS REFRIGERANT PIPE    | FLARED 3/8" |

**MUZ-GX15NL MUZ-GX15NLHZ**  
**MUY-GX15NL**

|                           |                         |             |
|---------------------------|-------------------------|-------------|
| REFRIGERANT<br>PIPE JOINT | LIQUID REFRIGERANT PIPE | FLARED 1/4  |
|                           | GAS REFRIGERANT PIPE    | FLARED 1/2" |

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