



GE APPLIANCES

460V VARIABLE REFRIGERANT FLOW HEAT PUMP SYSTEM OUTDOOR UNIT

**MWHQ072NC4CA**

**6**  
TON

**SUBMITTAL**

Job Name:

Purchaser:

Submitted To:

Construction:

Reference:

Approval:

Date:

Submitted By:

Unit:

Drawing #:



### Features and Benefits

- Configurable heat pump or heat recovery
- AVRA (Advanced Variable Refrigerant Adjustment) optimizes heating and cooling based on outdoor conditions to maximize efficiency and reduce costs.
- Diamond Shield multi-layer safety system designed to support safe and reliable operation with A2L refrigerants, incorporating multiple protection features for enhanced system safety and peace of mind.
- MRV-Link
  - Wireless communication
  - Zigbee wireless protocol
  - Simple installation
  - Easy to service
- Swing-out electrical service door and direct refrigerant cooled PCB
- Enhanced Corrosion Protection 1500 hours of anti-corrosion black fin spray
- Industry leading 32.3 in. low weight fan
- AHU kit Supports third-party AHU integration with R32 MRV
- Flexible long piping length
- PID control:  $\pm 1^\circ\text{F}$  accurate temperature control with dual pressure sensors and dual valves
- Multiple quiet fan mode operations
- R32 refrigerant

### Controls

|                                 |                   |
|---------------------------------|-------------------|
| Zone Controllers                | N/A               |
| Central Controllers             | 5", 7", 12.5"     |
| Integration Controllers         | HCM-04/HA-MA      |
| MRV-Link Wireless Communication | Yes               |
| Bluetooth Blackbox              | Yes (App Pending) |
| BMS Solutions                   | HCM-05            |

### Specifications

|                        |                                       |                            |
|------------------------|---------------------------------------|----------------------------|
| ODU                    | Marketing Model Name                  | MWHQ072NC4CA               |
|                        | Nominal Capacity (Btu/h)              | 72,000                     |
|                        | Dimension: H x W x D (in)             | 66.5 x 37 x 32.5           |
|                        | Net Weight (lbs)                      | 614                        |
|                        | Sound Level (dBA)                     | 60                         |
|                        | Compressor Type/Qty                   | DC Inverter EVI Scroll / 1 |
| Connections            | Compressor Oil Type                   | FW-68CA                    |
|                        | Maximum Number of Indoor Units        | 15                         |
| Operating Range        | Connection Ratio (IDU/ODU Capacity)   | 50% – 150%                 |
|                        | Cooling with Snow Hood (°F)           | -4 ~ 122                   |
| Electrical             | Heating (°F)                          | -22 ~ 60                   |
|                        | Power Supply                          | 460 / 3 / 60               |
| Non-Ducted Performance | MCA/MOP (A)                           | 23 / 30                    |
|                        | Rated Cooling Capacity @ 95°F (Btu/h) | 69,000                     |
|                        | EER @ 95°F                            | 12.6                       |
|                        | IEER                                  | 23.6                       |
|                        | Rated Heating Capacity @ 47°F (Btu/h) | 77,000                     |
|                        | COP @ 47°F                            | 3.6                        |
|                        | Rated Heating Capacity @ 17°F (Btu/h) | 53,000                     |
|                        | COP @ 17°F                            | 2.5                        |
| Ducted Performance     | SCHE                                  | 32                         |
|                        | Rated Cooling Capacity @ 95°F (Btu/h) | 69,000                     |
|                        | EER @ 95°F                            | 12                         |
|                        | IEER                                  | 20.5                       |
|                        | Rated Heating Capacity @ 47°F (Btu/h) | 77,000                     |
|                        | COP @ 47°F                            | 3.5                        |
|                        | Rated Heating Capacity @ 17°F (Btu/h) | 53,000                     |
|                        | COP @ 17°F                            | 2.4                        |
| Refrigerant and Piping | SCHE                                  | 23                         |
|                        | Refrigerant Type/Charge (oz.)         | R-32 / 11.46               |
|                        | Liquid pipe O.D. (in)                 | 3/8                        |
|                        | Gas pipe O.D. (in)                    | 3/4                        |

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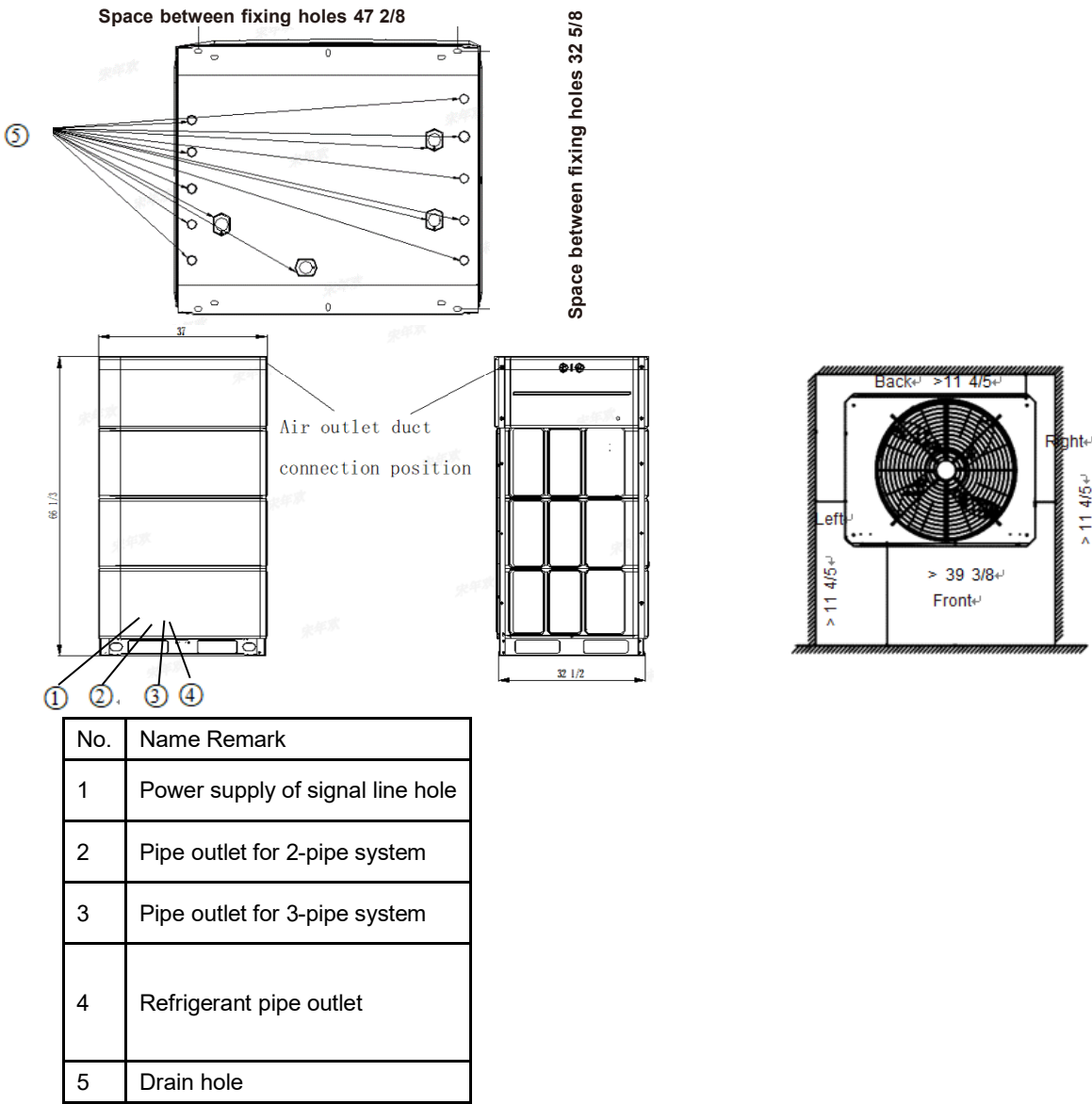
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**AIR&WATER**  
SOLUTIONS

UNIT: Inches



SUBMITTAL REVISION HISTORY

|                              |
|------------------------------|
| 05-05-26: Submittal release. |
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