



GE APPLIANCES

VARIABLE REFRIGERANT FLOW HEAT PUMP SYSTEM OUTDOOR UNIT

MWHQ048NC2AA

**4
TON**

SUBMITTAL

Job Name:

Purchaser:

Submitted To:

Construction:

Reference:

Approval:

Date:

Submitted By:

Unit:

Drawing #:



Features and Benefits

- 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
- Total DC inverter technology
- Single module 3/4/5T heat pump or heat recovery system
- Direct Refrigerant-Cooled PCB
- Total piping length up to 984 ft.
- Max vertical piping length 164 ft
- Standard with 1500 hours of anti-corrosion black fin
- Wider operation ranges from -22°F to 115°F. 5°F 100% heating capacity ratio
- Nighttime quiet operation at 10 dB(A) sound level reduction
- Precise temperature control at ±1°F

Controls

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

Specifications

ODU	Marketing Model Name	MWHQ048NC2AA
	Nominal Capacity (Btu/h)	48,000
	Dimension: H x W x D (in)	56-5/16 x 41-5/16 x 15-3/4
	Net Weight (lbs)	305
	Sound Level (dBA)	57
	Compressor Type/Qty	EVI
	Compressor Oil Type	FW-68CA
	Fan Type/Qty	Axial Fan / 2
Connections	Fan CFM	6,471
	Maximum Number of Indoor Units	9
Electrical	Connection Ratio (IDU/ODU Capacity)	50-150%
	Power Supply	208-230 / 1 / 60
Non-Ducted Performance	MCA/MOP (A)	36.34 A / 60 A
	Rated Cooling Capacity @ 95°F (Btu/h)	48,000
	EER @ 95°F	13
	Rated Heating Capacity @ 47°F (Btu/h)	48,500
	COP @ 47°F	3.9
	Rated Heating Capacity @ 17°F (Btu/h)	48,000
Ducted Performance	COP @ 17°F	2.5
	SEER2	21.6
	Rated Cooling Capacity @ 95°F (Btu/h)	48,000
	EER @ 95°F	11.5
	Rated Heating Capacity @ 47°F (Btu/h)	49,500
	COP @ 47°F	3.5
Refrigerant and Piping	Rated Heating Capacity @ 17°F (Btu/h)	48,000
	COP @ 17°F	2.1
	SEER2	16
	Refrigerant Type/Charge (oz.)	R-32 / 8.8
	Liquid pipe O.D. (in)	3/8
	Gas pipe O.D. (in)	3/4

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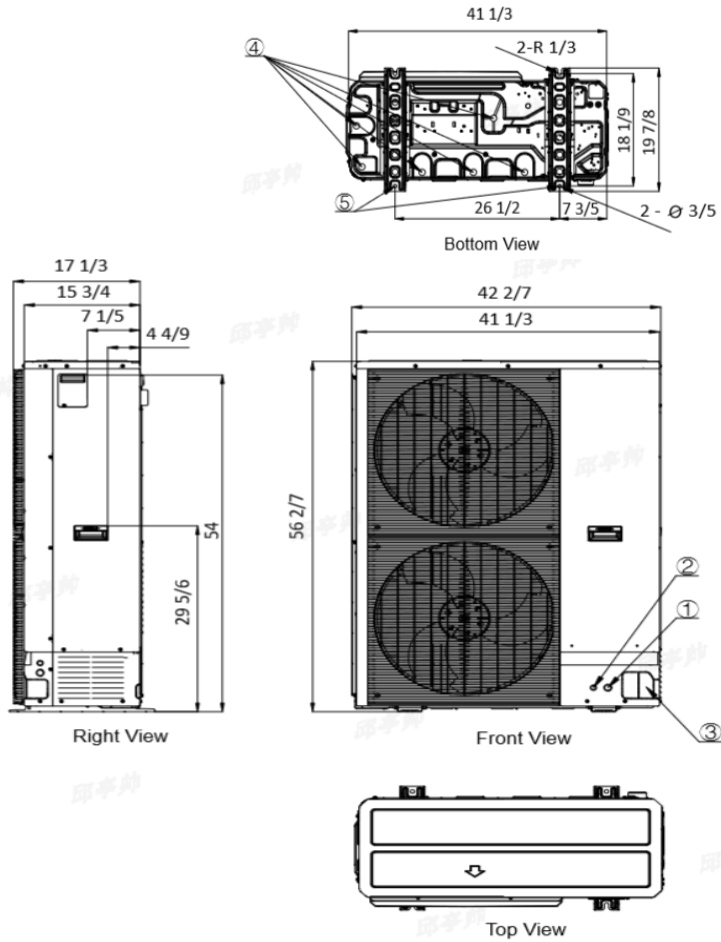
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No.	Parts Name
1	Power cable routing hole
2	Communication cable routing hole
3	Pipe routing hole
4	Drain hole
5	Foundation bolt hole

UNIT: Inches

SUBMITTAL REVISION HISTORY

05-05-26: Submittal release.