



GE APPLIANCES

VARIABLE REFRIGERANT FLOW HEAT PUMP SYSTEM OUTDOOR UNIT

MWHQ036NC2AA

**3
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	MWHQ036NC2AA
	Nominal Capacity (Btu/h)	35,600
	Dimension: H x W x D (in)	56-5/16 x 41-5/16 x 15-3/4
	Net Weight (lbs)	311
	Sound Level (dBA)	56
	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	7
Electrical	Connection Ratio (IDU/ODU Capacity)	50-150%
	Power Supply	208-230 / 1 / 60
Non-Ducted Performance	MCA/MOP (A)	33.84 A / 50 A
	Rated Cooling Capacity @ 95°F (Btu/h)	35,800
	EER @ 95°F	14.4
	Rated Heating Capacity @ 47°F (Btu/h)	40,000
	COP @ 47°F	3.9
	Rated Heating Capacity @ 17°F (Btu/h)	39,500
Ducted Performance	COP @ 17°F	2.4
	SEER2	22
	Rated Cooling Capacity @ 95°F (Btu/h)	36,000
	EER @ 95°F	11.9
	Rated Heating Capacity @ 47°F (Btu/h)	41,000
	COP @ 47°F	3.5
Refrigerant and Piping	Rated Heating Capacity @ 17°F (Btu/h)	40,000
	COP @ 17°F	2.3
	SEER2	18
	Refrigerant Type/Charge (oz.)	R-32 / 8.8
	Liquid Pipe O.D. (in)	3/8
	Gas Pipe O.D. (in)	5/8
	High Gas Pipe O.D. (in)	3/4

For more information visit us:

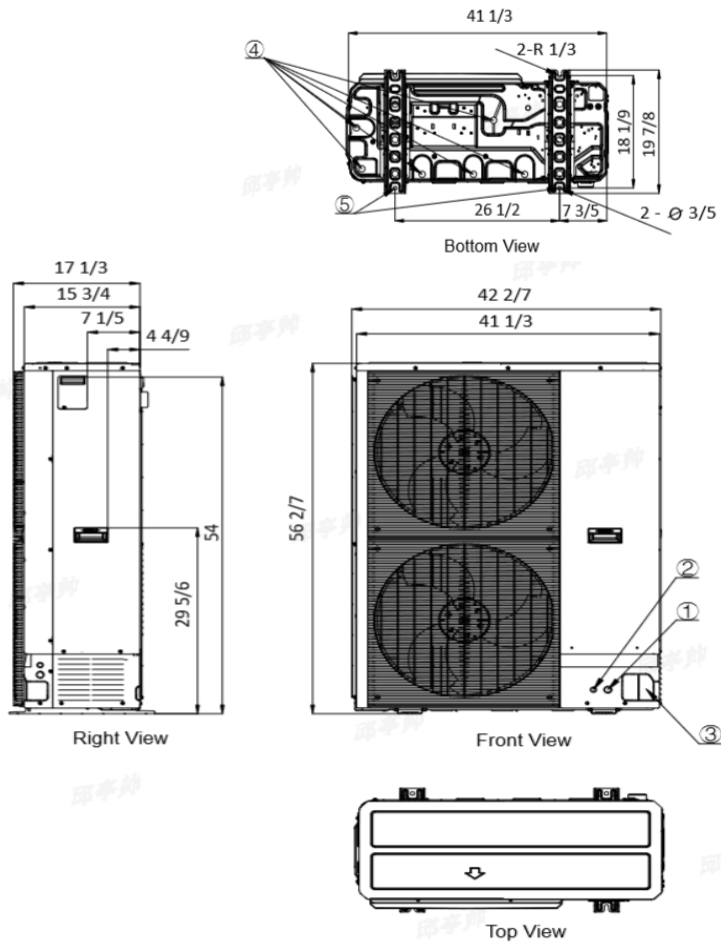
GEAppliancesAirAndWater.com

©Copyright 2026 GE Appliances, a Haier Company. GE is a trademark of the General Electric Company. Manufactured under trademark license. GE Appliances has a policy of continuous improvement of its products and reserves the right to change materials and specifications without notice.



GE APPLIANCES
a Haier company

AIR&WATER
SOLUTIONS



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.
08-06-26: Specification updates