

Submittal Data: WMO18MH16S **18,000 BTU/H Wall Mounted Heat- Pump System**

Job Name _____ Location _____ Date _____

Purchaser _____ Engineer _____

Submitted To _____ For Reference Approval Construction

Unit Designation _____ Schedule No. _____

GENERAL FEATURES

- Dual Indoor Units Comfort (2-Port)
- G10 DC Inverter Technology
- Quiet Operation - Both Indoor & Outdoor
- Wireless Remote Controller
- Optional Wired Remote Controller (PN: MC207059)
- Gold Fin Coil Coating
- Intelligent Defrost
- Auto Restart on Power Outages
- Limited 7 yr Compressor & 5 yr Parts Warranty

System Ratings

Cooling

Rated Capacity	18,000 BTU/H
Capacity Range	7,000-21,000 BTU/H
Power Input (Max)	6155 W
SEER	16.0

Heating at 47° F

Rated Capacity	19,000 BTU/H
Capacity Range	8,530-22,600 BTU/H
Input Power (Max)	1,640 W
HSPF	8.2

Heating at 17° F

Rated Capacity	9,600 BTU/H
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Operating Range

Cooling	(Max)	118°F (48 C)
	(Min)	23°F (-5 C)
Heating	(Max)	80°F (27 C)
	(Min)	5°F (-15 C)

Power Supply

Normal Operational Voltage	208/230 V, 1 Phase, 60 Hz
Voltage Range	187 - 253 V
Main Power Wire Size	12-2 AWG
Interconnecting Cable Wire Size	14-4 AWG
MCA	13.0 A
MOCP/Breaker Size	20 A

Outdoor Unit Data

Compressor	Type	DC Inverter Driven Rotary
	RLA	9.6A
Fan Motor	Output Power	60 W
	FLA	0.6 A
	Air Flow (Max)	1530 CFM

Sound Power (Per AHRI 270 and AHRI 350)

Cooling	66 db(A)
Heating	66 db(A)

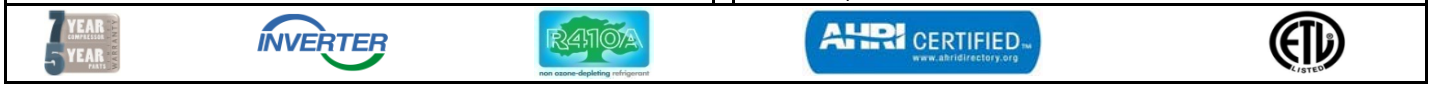
Dimensions & Weights

Unit Dimensions (LxHxD)	37.2 x 27.6 x 15.6 -in
Weight (Net/Shipping)	134/146 LBS

Min. Number of Indoor Units	2
Max. Number of Indoor Units	2

Refrigerant Piping Data

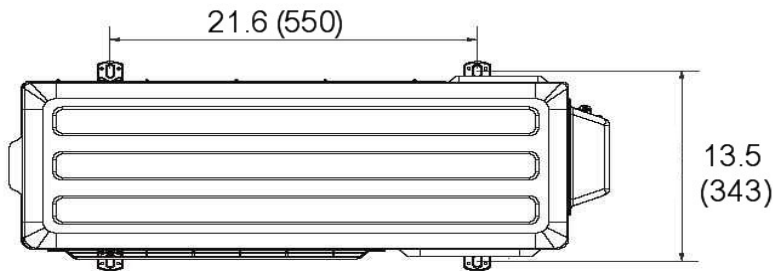
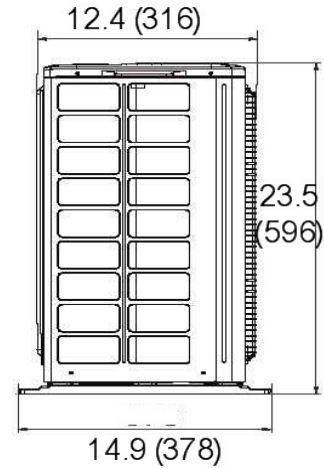
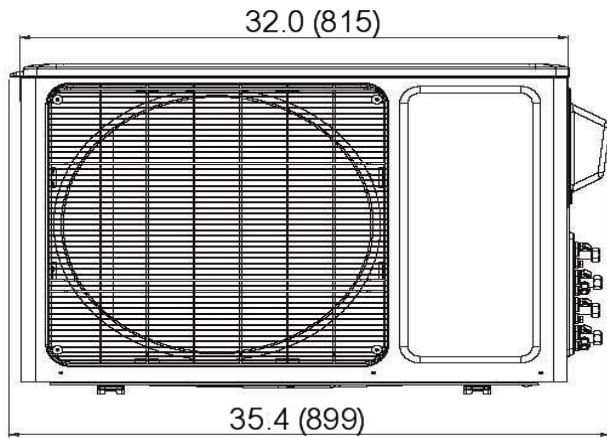
Refrigerant Type	R410A
Connection Method	Flared
Factory Charge for Total Line Length	33-ft
Additional Charge Per Line Length	0.2-oz/ft
Total Refrigerant Pipe Length	66-ft
Max Refrigerant Piping Length to any Indoor Unit	33-ft
Min Refrigerant Piping Length to any Indoor Unit	10-ft
Max Elevation between Indoor Units	16.5-ft
Max Lift from Outdoor to Indoor Unit	16.5-ft
Max Drop from Outdoor to Indoor Unit	16.5-ft



Units: inch (mm)

18,000 BTUH MODEL

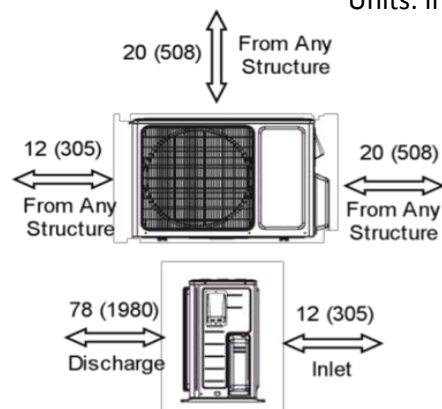
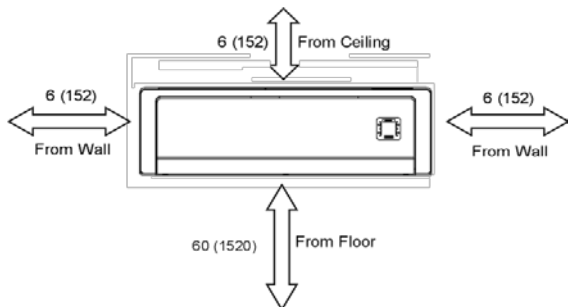
Model # WMO18MH16S 18,000 BTUH 230V



Liquid Line Valve #1	3/8-in OD Flared
Liquid Line Valve #2	3/8-in OD Flared
Gas Line Valve	1/4-in OD Flared

MINIMUM SPACING REQUIREMENTS

Units: inch (mm)



Notes:

1. Recommended Interconnecting Cable Type Stranded Bare Copper Conductors THHN 600V Unshielded Wire
2. Power wiring cable size must comply with applicable national and local codes.
3. Test conditions are based on AHRI 210/240.



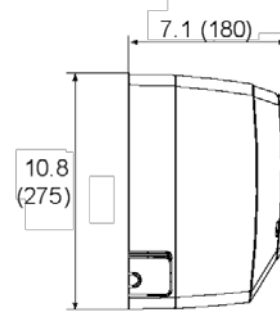
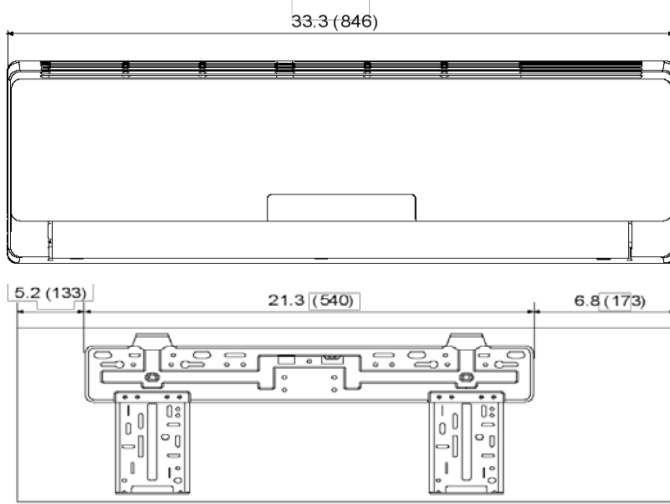
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Units: inch (mm)

9,000 AND 12,000 BTUH MODELS

Model # WMI09MH16S 9,000 BTUH 230V

Model # WMI12MH16S 12,000 BTUH 230V



Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	3/8-in OD Flared
Drain Connector	5/8-in OD

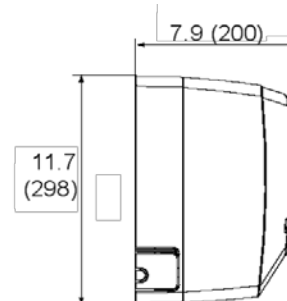
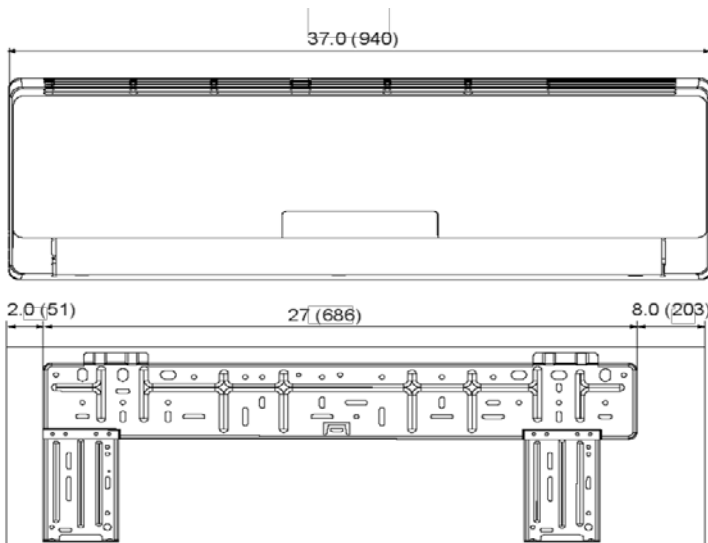
Note: Size Refrigerant lines based on evaporator port sizes.

Indoor Capacity Size	Fan (watts)	CFM (High)	Sound Power (Low/High)**
9,000 BTUH	20	330	26/41
12,000 BTUH	20	341	28/42

Units: inch (mm)

18,000 BTUH MODEL

Model # WMI18MH16S 18,000 BTUH 230V



Liquid Line Valve	1/4-in OD Flared
Gas Line Valve	1/2-in OD Flared
Drain Connector	5/8-in OD

Note: Size Refrigerant lines based on evaporator port sizes.

Indoor Capacity Size	Fan (watts)	CFM (High)	Sound Power (Low/High)**
18,000 BTUH	20	500	35/46

**Sound Power ratings are per AHRI 270 and AHRI 350



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COOLING CAPACITY (BTUH)

Indoor Combinations	Indoor Unit A	Indoor Unit B	Indoor Unit C	Indoor Unit D	Indoor Unit E
9K + 9K	9,000	9,000	NA	NA	NA
9K + 12K	9,000	12,000	NA	NA	NA

HEATING CAPACITY (BTUH)

Indoor Combinations	Indoor Unit A	Indoor Unit B	Indoor Unit C	Indoor Unit D	Indoor Unit E
9K + 9K	9,500	9,500	NA	NA	NA
9K + 12K	9,500	13,000	NA	NA	NA

Capacity data is based on the following conditions :

Cooling Norminal Test Conditions

Indoor: 80°F DB/67°F WB
 Outdoor: 95°F DB/75°F WB

Heating Norminal Test Conditions

Indoor: 70°F DB/60°F WB
 Outdoor: 47°F DB/43°F W



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