

**Submittal Data: WSM24MH20S** 24,000 BTU/h Wall Mounted Heat- Pump System

Job Name	Location	Date
Purchaser	Engineer	
Submitted To	For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction	
Unit Designation	Schedule No.	

- GENERAL FEATURES**
- Smart Design
  - 20 SEER
  - Optional wired controller
  - Wi-Fi
  - Energy Star
  - 7-7 Warranty



**System Ratings**

<b>Cooling</b>		
Rated Capacity		24,000 BTU/h
Capacity Range		8,000 - 26,000 BTU/h
Power Input		1,920 W
SEER (BTU/W)		20
EER (BTU/W)		12.5

<b>Heating at 47°F</b>		
Rated Capacity		25,000 BTU/h
Capacity Range		9,000 - 29,500 BTU/h
Power Input		2,450 W
HSPF Zone 4		10
HSPF Zone 5		8.9
COP (W/W)		3.14

<b>Heating at 17°F</b>		
Rated Capacity		17,047 BTU/h

<b>Operating Range</b>		
Cooling	(Max)	122°F (50°C)
	(Min)	-13°F (-25°C)
Heating	(Max)	86°F (30°C)
	(Min)	-13°F (-25°C)

<b>Power Supply</b>		
Normal Operational Voltage		208/230 V, 1 Phase, 60 Hz
Interconnecting Cable Wire Size		16-4 AWG
MCA		18 A
MOCP/Breaker Size		25 A

**Indoor Unit Data**

<b>Fan Motor</b>	Output Power	58 W
<b>Airflow</b>		
High / Medium / Low		589/483/353 CFM 1000/820/600 m³/h
<b>Sound Pressure Level</b>		
High / Medium / Low		47/41/33 dB(A)
<b>Dehumidification</b>		2.6 L/h
<b>Dimensions &amp; Weights</b>		
Unit Dimensions(WxHxD)		43.54×13.46×9.13-in
Weight (Net/Shipping)		91.1/97.9 LBS

**Outdoor Unit Data**

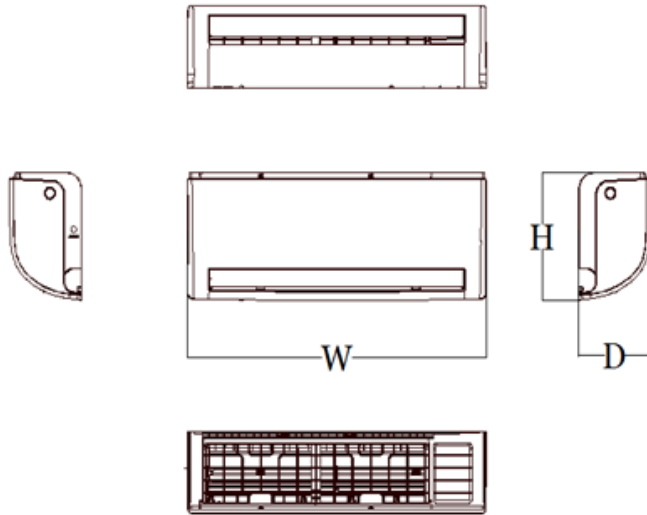
<b>Compressor</b>	DC Inverter Driven Rotary	
<b>Refrigerant Type</b>	R410A	
<b>Fan Motor</b>	Output Power	120 W
<b>Sound Pressure</b>		59 dB(A)
<b>Dimensions &amp; Weights</b>		
Unit Dimensions(WxHxD)		40.55×31.89×16.54-in
Weight (Net/Shipping)		136.69/147.27 LBS

<b>Refrigerant Piping Data</b>		
Gas Pipe Size (OD)		3/8-in
Liquid Pipe Size (OD)		5/8-in
Connection Method		Flared
MAX Refrigerant Pipe Length		164-ft
MIN Refrigerant Pipe Length		10-ft
MAX Refrigerant Pipe Height Difference		82-ft

## DIMENSIONAL SPECIFICATIONS

### INDOOR UNIT DIMENSIONS

Units: inch

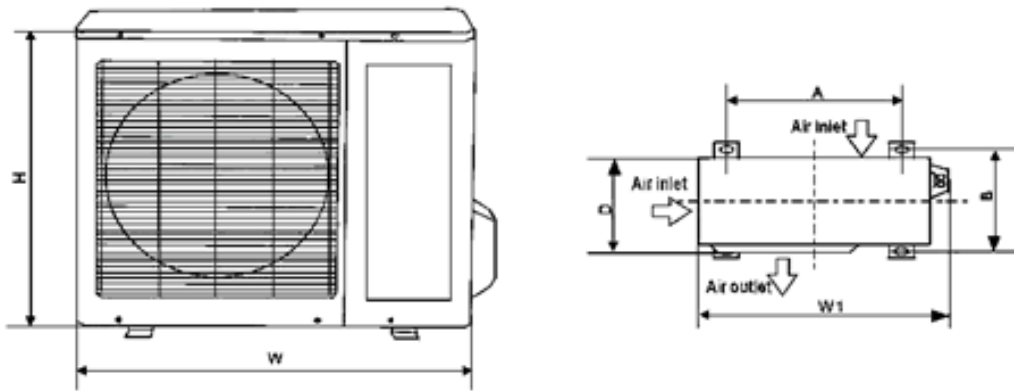


W (inch)	H (inch)	D (inch)
43.54	9.13	13.46

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

### OUTDOOR UNIT DIMENSIONS

Units: inch

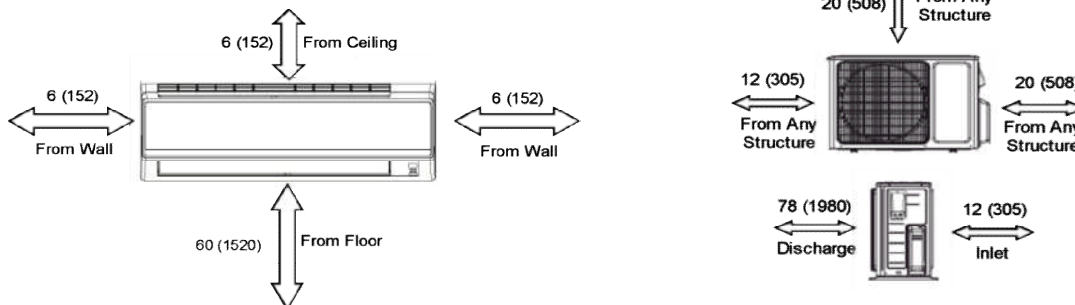


W (inch)	H (inch)	D (inch)	W1 (inch)	A (inch)	B (inch)
40.55	16.54	31.89	34.41	21.61	12.80

Liquid Line Valve	3/8-in OD Flared
Gas Line Valve	5/8-in OD Flared

### MINIMUM SPACING REQUIREMENTS

Units: inch (mm)



**Notes:**

1. Recommended Interconnecting Cable Type Stranded Bare Copper Conductors THHN 600V 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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