

## Submittal S09SZA2

### 9,000 BTU Wall Mount Heat Pump Ductless System

<b>Job Name</b> _____	<b>Date</b> _____
<b>Location</b> _____	<b>Approval</b> _____
<b>Engineer</b> _____	<b>Construction</b> _____
<b>Submitted To</b> _____	<b>Unit No</b> _____
<b>Submitted By</b> _____	<b>Drawing No</b> _____
<b>Reference</b> _____	

**FEATURES**

- Heating down to -4°F (-20°C)
- Base Pan Heater
- Washable Filter
- Auto restart
- Quiet mode
- Min Heat 46°F
- °C & °F convertible
- 24 Hour Timer
- Horizontal Auto Swing Louver
- Compressor Pre-Heating


**SYSTEM COMPONENTS**

Indoor Unit Model Number	WHS09WMA21S
Outdoor Unit Model Number	WHS09SZA21S
System model number	S09SZA2

**ELECTRICAL**

Voltage/Phase/Frequency	208 / 230V, 1-Phase, 60Hz
Voltage Range - V	198 - 253
MCA - A	10
Max Circuit Breaker - A	15
Max. Current (Cooling) - A	7
Max. Current (Heating) - A	7
Rated Current (Cooling) - A	3.8
Rated Current (Heating) - A	4
Rated Input Power (Cooling) - W	857
Min - Max Input Power (Cooling) - W	299 - 1610
Rated Input Power (Heating) - W	860
Min - Max Input Power (Heating) - W	299 - 1610

**CAPACITIES**

Cooling Capacity - BTUh	9000
Cooling Capacity Range - BTUh	4500-10000
Heating Capacity - BTUh	10000
Heating Capacity Range - BTUh	4500-10000

**FAN SPEEDS**

Indoor Airflow Rate (S/H/M/L/Q) - CFM	400/341/283/224/207
Indoor Airflow Rate (S/H/M/L/Q) - m³/h	680/580/480/380/352
Outdoor Airflow Rate (H) - CFM	952
Outdoor Airflow Rate (H) - m³/h	1600

**SOUND PRESSURE**

Sound Pressure Level Indoor (S/H/M/L/Q) - dB(A)	39/36/33/29/26
Sound Pressure Level Outdoor (H) - dB(A)	54

**LINESET REQUIREMENTS**

Connection Pipe Diameter - Liquid (Flare) - in (mm)	1/4 (6.35)
Connection Pipe Diameter - Gas (Flare) - in (mm)	3/8 (9.52)
Minimum Lineset Length - ft (m)	10 (3)
Maximum Lineset Length (Total) - ft (m)	66 (20)
Max Height Difference (IDU higher than ODU) - ft (m)	33 (10)
Max Height Difference (ODU higher than IDU) - ft (m)	16 (5)
Pre-charged Lineset Length - ft (m)	25 (7.5)

**ETL: 3088177**
**OUTDOOR TEMPERATURE OPERATING RANGE**

Cooling - °F (°C)	32°F to 115°F (0°C to 46°C)
Heating - °F (°C)	-4°F to 75°F (-20°C to 24°C)

**INDOOR TEMPERATURE SETTING RANGE**

Cooling - °F (°C)	61°F to 86°F (16°C to 30°C)
Heating - °F (°C)	61°F to 86°F (16°C to 30°C)

 Moisture Removal pints/h (L/h) 1.90 (0.9)
**EFFICIENCIES**

SEER	16.3	SEER2	16
EER	10.5	EER2	10.90
HSPF	9.1	HSPF2	8
COP - BTU	11.63	COP2 - BTU	11.36
COP - W/W	3.41	COP2 - W/W	3.33
Energy Star			No

**NET DIMENSIONS & WEIGHTS**

Indoor Unit Net Dimensions (W x H x D) - in	29 5/16 x 10 10/16 x 8 7/16
Indoor Unit Net Dimensions (W x H x D) - mm	745 x 270 x 214
Indoor Unit Gross Dimensions (W x H x D) - in	31 8/16 x 13 3/16 x 10 7/16
Indoor Unit Gross Dimensions (W x H x D) - mm	800 x 335 x 265
Outdoor Unit Net Dimensions (W x H x D) - in	28 2/16 x 19 x 9 7/16
Outdoor Unit Net Dimensions (W x H x D) - mm	715 x 482 x 240
Outdoor Unit Gross Dimensions (W x H x D) - in	32 11/16 x 20 14/16 x 13 6/16
Outdoor Unit Gross Dimensions (W x H x D) - mm	830 x 530 x 340
Indoor Unit - Net Weight - lbs (kg)	19 (8.5)
Outdoor Unit - Net Weight - lbs (kg)	55 (25)

**REFRIGERANT**

Refrigerant Type	410A
Refrigerant Weight - lb oz	1 lb 13 oz
Oil type	VG74 (POE)

**COMPRESSOR**

Compressor Type	Rotary
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**WARRANTY**

**7 Year Compressor, 5 Year Parts Warranty**

Note: Specifications are based on the following conditions:  
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB.  
 Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB.  
 Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit - Indoor unit).

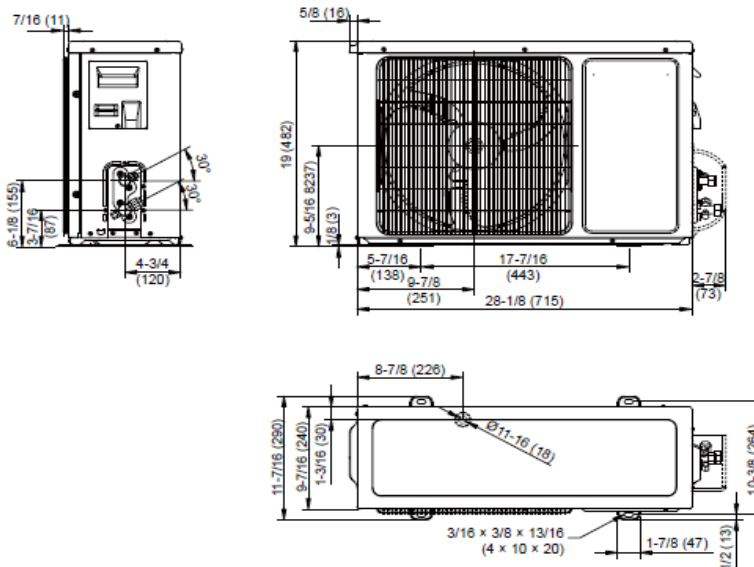
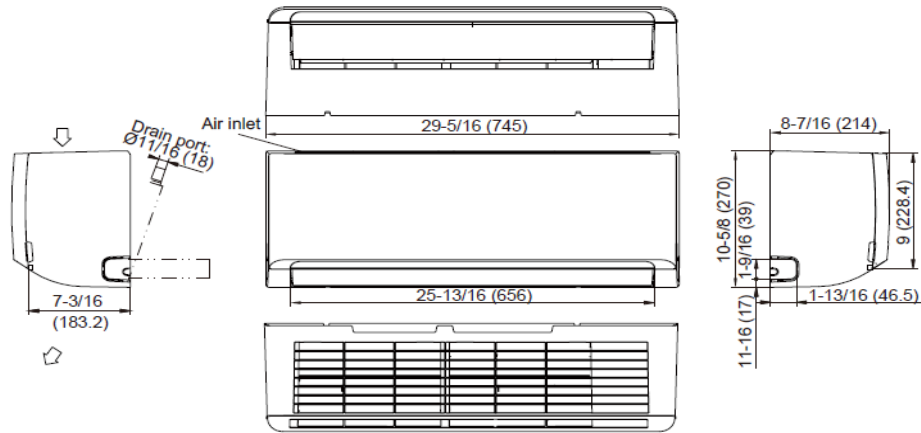


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### DIMENSIONS

Unit: In. (mm)



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