

## Submittal S09SZA1

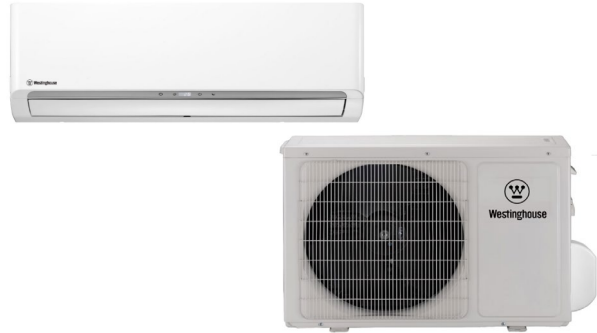
### 9,000 BTU Wall Mount Heat Pump Ductless System

**Job Name** \_\_\_\_\_  
**Location** \_\_\_\_\_  
**Engineer** \_\_\_\_\_  
**Submitted To** \_\_\_\_\_  
**Submitted By** \_\_\_\_\_  
**Reference** \_\_\_\_\_

**Date** \_\_\_\_\_  
**Approval** \_\_\_\_\_  
**Construction** \_\_\_\_\_  
**Unit No** \_\_\_\_\_  
**Drawing No** \_\_\_\_\_

**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	WHS09WMA11S
Outdoor Unit Model Number	WHS09SZA11S
System model number	S09SZA1

**ELECTRICAL**

Voltage/Phase/Frequency	115V, 1-Phase, 60Hz
Voltage Range - V	103 - 127
MCA - A	13.5
Max Circuit Breaker - A	20
Max. Current (Cooling) - A	12
Max. Current (Heating) - A	12
Rated Current (Cooling) - A	7.4
Rated Current (Heating) - A	7.4
Rated Input Power (Cooling) - W	818
Min - Max Input Power (Cooling) - W	230 - 1380
Rated Input Power (Heating) - W	837
Min - Max Input Power (Heating) - W	230 - 1380

**CAPACITIES**

Cooling Capacity - BTUh	9000
Cooling Capacity Range - BTUh	1200-10000
Heating Capacity - BTUh	9500
Heating Capacity Range - BTUh	1200-10000

**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)	39/36/33/30/26
Sound Pressure Level Outdoor (H) - dB(A)	53

**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)	5°F to 115°F (-15°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)
Mositure Removal pints/h (L/h)	1.9 (0.9)

**EFFICIENCIES**

SEER	19.3	SEER2	18.5
EER	11	EER2	11
HSPF	10.5	HSPF2	8
COP - BTU	11.95	COP2 - BTU	12.28
COP - W/W	3.5	COP2 - W/W	3.6
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)	63 (28.5)

**REFRIGERANT**

Refrigerant Type	410A
Refrigerant Weight - lb oz	1 lb 14 oz
Oil type	68HES-H

**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).

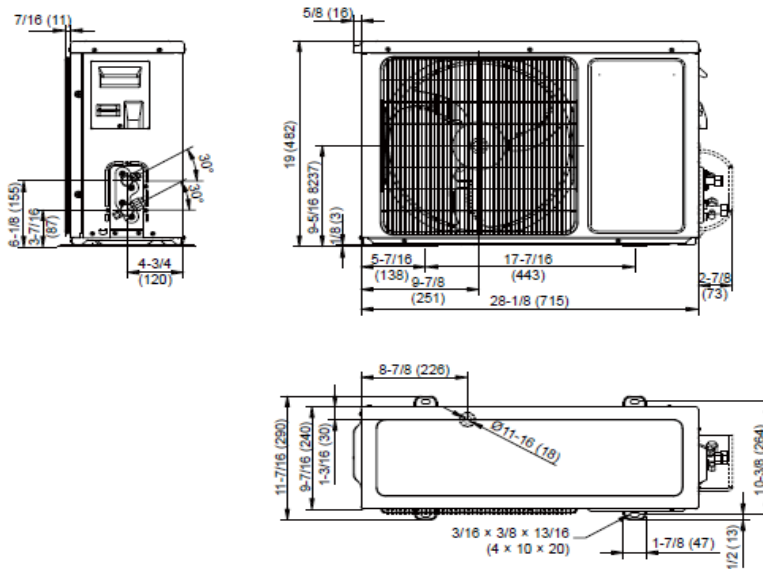
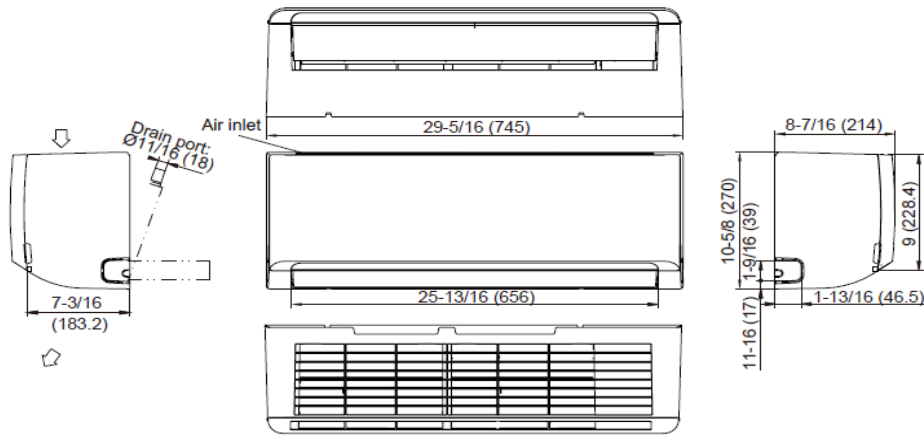


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Heat Pump Ductless System

#### DIMENSIONS

Unit: In. (mm)



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