

Submittal S12SZA2

12,000 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	WHS12WMA21S
Outdoor Unit Model Number	WHS12SZA21S
System model number	S12SZA2

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	7.5
Max. Current (Heating) - A	7.5
Rated Current (Cooling) - A	5
Rated Current (Heating) - A	5
Rated Input Power (Cooling) - W	1121
Min - Max Input Power (Cooling) - W	345 - 1725
Rated Input Power (Heating) - W	1121
Min - Max Input Power (Heating) - W	345 - 1725

CAPACITIES

Cooling Capacity - BTUh	12000
Cooling Capacity Range - BTUh	5500-13500
Heating Capacity - BTUh	12500
Heating Capacity Range - BTUh	5500-13500

FAN SPEEDS

Indoor Airflow Rate (S/H/M/L/Q) - CFM	412/380/351/276/250
Indoor Airflow Rate (S/H/M/L/Q) - m³/h	700/645/596/469/424
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)	40/36/33/30/26
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)

Mositure Removal pints/h (L/h)	2.53 (1.2)
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EFFICIENCIES

SEER	16.7	SEER2	16
EER	10.7	EER2	10.7
HSPF	9	HSPF2	8
COP - BTU	11.6	COP2 - BTU	11.3
COP - W/W	3.4	COP2 - W/W	3.31
Energy Star			No

NET DIMENSIONS & WEIGHTS

Indoor Unit Net Dimensions (W x H x D) - in	32 1/16 x 10 10/16 x 8 7/16
Indoor Unit Net Dimensions (W x H x D) - mm	815 x 270 x 214
Indoor Unit Gross Dimensions (W x H x D) - in	34 4/16 x 13 3/16 x 10 7/16
Indoor Unit Gross Dimensions (W x H x D) - mm	870 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)	20 (9)
Outdoor Unit - Net Weight - lbs (kg)	60 (27)

REFRIGERANT

Refrigerant Type	410A
Refrigerant Weight - lb oz	2 lb 3 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).

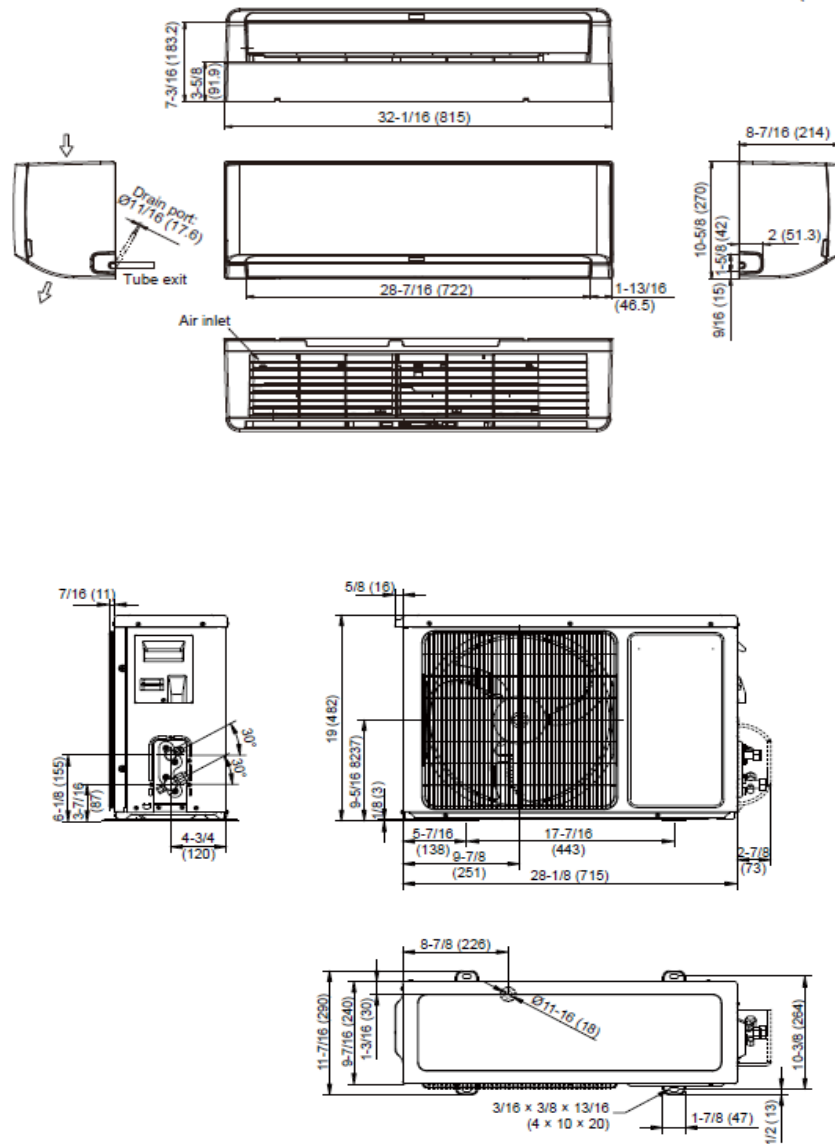


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DIMENSIONS

Unit: In. (mm)



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