

## Submittal U09SZA2D

### 9,000 BTU Horizontal Duct - Heat Pump Ductless System

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

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

**FEATURES**

- Wired Remote Controller Included
- Cool/Dry/Heat Modes
- Weekly Timer
- Auto Restart
- Cold Air Prevention
- Antifreezing Function


**SYSTEM COMPONENTS**

Indoor Unit Model Number	WHU09DHA21S
Outdoor Unit Model Number	WHU09SZA21S
System model number	U09SZA2D

**ELECTRICAL**

Voltage/Phase/Frequency	208 / 230V, 1-Phase, 60Hz
Voltage Range - V	198 - 253
MCA - A	7.3
Max Circuit Breaker - A	15
Max. Current (Cooling) - A	15
Max. Current (Heating) - A	15
Rated Current (Cooling) - A	3.7
Rated Current (Heating) - A	3.9
Rated Input Power (Cooling) - W	750
Min - Max Input Power (Cooling) - W	390 - 994
Rated Input Power (Heating) - W	908
Min - Max Input Power (Heating) - W	229 - 1043

**CAPACITIES**

Cooling Capacity - BTUh	9000
Cooling Capacity Range - BTUh	4850 - 11600
Heating Capacity - BTUh	11000
Heating Capacity Range - BTUh	4500 - 10000

**FAN SPEEDS**

Indoor Airflow Rate (H/M/L) - CFM	309/259/208
Indoor Airflow Rate (H/M/L) - m <sup>3</sup> /h	520/435/350
Outdoor Airflow Rate (H) - CFM	1355
Outdoor Airflow Rate (H) - m <sup>3</sup> /h	2300
Static Pressure Range - WG(Pa)	0 to 0.2 (0 to 50)

**SOUND PRESSURE**

Sound Pressure Level Indoor (H/M/L) - dB(A)	35/33/32- Cooling & Heating
Sound Pressure Level Outdoor (H) - dB(A)	52

**LINESET REQUIREMENTS**

Connection Pipe Diameter - Liquid (Flare) - in (mm)	Ø1/4 (Ø6.35)
Connection Pipe Diameter - Gas (Flare) - in (mm)	Ø3/8 (Ø9.52)
Minimum Lineset Length - ft (m)	10 (3.04)
Maximum Lineset Length (Total) - ft (m)	82 (25)
Max Height Difference (IDU higher than ODU) - ft (m)	33 (10)
Max Height Difference (ODU higher than IDU) - ft (m)	33 (10)
Pre-charged Lineset Length - ft (m)	24.6 (7.5)

**WARRANTY**


7 Year Compressor, 5 Year Parts out-of-the-box Warranty

**OUTDOOR TEMPERATURE OPERATING RANGE**

Cooling - °F (°C)	5°F to 118°F (-15°C to 48°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)	1.7 (0.8)

**EFFICIENCIES**

SEER	20
EER	12
HSPF	10
COP - BTU/hW	12.11
COP - W/W	3.55
Energy Star	No

**NET DIMENSIONS & WEIGHTS**

Indoor Unit Net Dimensions (W x H x D) - in	7-1/2 x 35-7/8 x 17-5/8
Indoor Unit Net Dimensions (W x H x D) - mm	190 x 910 x 447
Indoor Unit Gross Dimensions (W x H x D) - in	11-1/4 x 42-1/2 x 22-1/4
Indoor Unit Gross Dimensions (W x H x D) - mm	285 x 1,080 x 565
Outdoor Unit Net Dimensions (W x H x D) - in	22-7/8 x 31-7/8 x 11
Outdoor Unit Net Dimensions (W x H x D) - mm	580 x 810 x 280
Outdoor Unit Gross Dimensions (W x H x D) - in	25-1/4 x 37 x 16-1/2
Outdoor Unit Gross Dimensions (W x H x D) - mm	640 x 940 x 420
Indoor Unit - Net Weight - lbs (kg)	39.7 (18)
Outdoor Unit - Net Weight - lbs (kg)	75 (34)

**REFRIGERANT**

Refrigerant Type	R410A
Refrigerant Weight - lb oz	2 lb 2 oz
Oil type	VG74

**COMPRESSOR**

Compressor Type	Rotary
-----------------	--------

**ACCESSORIES**

WH-AIRDH1	IR Receiver
4175260*	Wireless Remote Controller
WWRCU	Wired Remote Controller
FJ-IR-WIFI-1NA*	Intesis IR WiFi Module
BP101WA*	Cielo Breez Plus

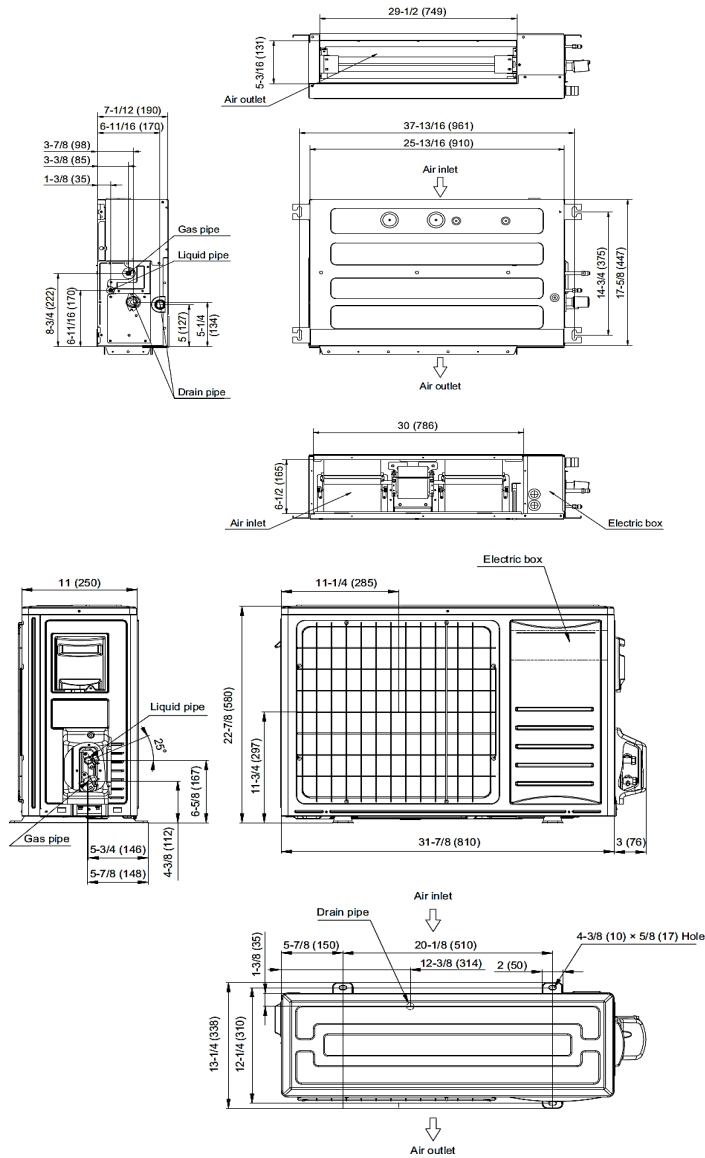
\* Requires IR Receiver



Note: Specifications are subject to change without notice. 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).

**DIMENSIONS**

Unit: In. (mm)



and WESTINGHOUSE are trademarks of Westinghouse Electric Corporation. Used under license by FUJITSU GENERAL AMERICA, INC. All Rights Reserved.