

Submittal U36SZA2D

36,000 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	WHU36DHA21S
Outdoor Unit Model Number	WHU36SZA21S
System model number	U36SZA2D

ELECTRICAL

Voltage/Phase/Frequency	208 / 230V, 1-Phase, 60Hz
Voltage Range - V	176 - 253
MCA - A	25
Max Circuit Breaker - A	45
Max. Current (Cooling) - A	45
Max. Current (Heating) - A	25
Rated Current (Cooling) - A	14.4
Rated Current (Heating) - A	15.2
Rated Input Power (Cooling) - W	3300
Min - Max Input Power (Cooling) - W	1122 - 3981
Rated Input Power (Heating) - W	3500
Min - Max Input Power (Heating) - W	1230 - 3960

CAPACITIES

Cooling Capacity - BTUh	36000
Cooling Capacity Range - BTUh	12500 -37300
Heating Capacity - BTUh	36000
Heating Capacity Range - BTUh	15000 - 39800

FAN SPEEDS

Indoor Airflow Rate (H/M/L) - CFM	883/735/617
Indoor Airflow Rate (H/M/L) - m ³ /h	1500/1250/1050
Outdoor Airflow Rate (H) - CFM	3416
Outdoor Airflow Rate (H) - m ³ /h	5800
Static Pressure Range - WG(Pa)	0.1 to 0.56 (25 to 140)

SOUND PRESSURE

Sound Pressure Level Indoor (H/M/L) - dB(A)	43/40/38- Cooling & Heating
Sound Pressure Level Outdoor (H) - dB(A)	61

LINESET REQUIREMENTS

Connection Pipe Diameter - Liquid (Flare) - in (mm)	Ø3/8 (Ø9.52)
Connection Pipe Diameter - Gas (Flare) - in (mm)	Ø3/4 (Ø19.05)
Minimum Lineset Length - ft (m)	10 (3.04)
Maximum Lineset Length (Total) - ft (m)	164 (50)
Max Height Difference (IDU higher than ODU) - ft (m)	98 (30)
Max Height Difference (ODU higher than IDU) - ft (m)	98 (30)
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)	5.3 (2.5)

EFFICIENCIES

SEER	18
EER	10.91
HSPF	9.5
COP - BTU/hW	19.29
COP - W/W	3.01
Energy Star	No

NET DIMENSIONS & WEIGHTS

Indoor Unit Net Dimensions (W x H x D) - in	13-3/4 x 51-1/8 x 31-1/2
Indoor Unit Net Dimensions (W x H x D) - mm	350 x 1,300 x 800
Indoor Unit Gross Dimensions (W x H x D) - in	16-1/8 x 61 x 37
Indoor Unit Gross Dimensions (W x H x D) - mm	410 x 1,550 x 940
Outdoor Unit Net Dimensions (W x H x D) - in	41-3/8 x 37-3/8 x 13-3/8
Outdoor Unit Net Dimensions (W x H x D) - mm	1,050 x 950 x 340
Outdoor Unit Gross Dimensions (W x H x D) - in	47-1/4 x 43-3/4 x 18-1/8
Outdoor Unit Gross Dimensions (W x H x D) - mm	1,200 x 1,110 x 460
Indoor Unit - Net Weight - lbs (kg)	112.4 (51)
Outdoor Unit - Net Weight - lbs (kg)	192 (87)

REFRIGERANT

Refrigerant Type	R410A
Refrigerant Weight - lb oz	6 lb 15 oz
Oil type	VG74 (POE)

COMPRESSOR

Compressor Type	Rotary
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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).

