

## Submittal U36SZA2C

### 36,000 BTU Cassette - Heat Pump Ductless System

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

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

#### FEATURES

- Wireless Remote Controller Included
- Included Smart Mode
- Super Mode
- Auto restart
- Quiet mode
- °C & °F convertible
- 24 Hour Timer
- 8°C Heat Mode
- Washable Filter
- Automatic Swing Louver
- Cold Air Prevention



#### SYSTEM COMPONENTS

Indoor Unit Model Number	WHU36CTA21S
Outdoor Unit Model Number	WHU36SZA21S
System model number	U36SZA2C

#### 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	14.6
Rated Current (Heating) - A	14
Rated Input Power (Cooling) - W	3380
Min - Max Input Power (Cooling) - W	1102 - 3981
Rated Input Power (Heating) - W	3190
Min - Max Input Power (Heating) - W	1200 - 3760

#### CAPACITIES

Cooling Capacity - BTUh	36000
Cooling Capacity Range - BTUh	12600 - 36800
Heating Capacity - BTUh	36000
Heating Capacity Range - BTUh	45000 - 42600

#### FAN SPEEDS

Indoor Airflow Rate (H/M/L) - CFM	941/794/676
Indoor Airflow Rate (H/M/L) - m <sup>3</sup> /h	1600/1350/1150
Outdoor Airflow Rate (H) - CFM	3416
Outdoor Airflow Rate (H) - m <sup>3</sup> /h	5800

#### SOUND PRESSURE

Sound Pressure Level Indoor (H/M/L) - dB(A)	49/43/39 - 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)	Ø5/8 (Ø15.88)
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	19.5
EER	10.65
HSPF	10.5
COP - BTU/hW	11.29
COP - W/W	3.31
Energy Star	No

#### NET DIMENSIONS & WEIGHTS

Indoor Unit Net Dimensions (W x H x D) - in	11-3/4 x 33-1/8 x 33-1/8
Indoor Unit Net Dimensions (W x H x D) - mm	298 x 840 x 840
Indoor Unit Gross Dimensions (W x H x D) - in	16-1/2 x 37-5/8 x 39-1/4
Indoor Unit Gross Dimensions (W x H x D) - mm	420 x 956 x 996
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)	70.5 (32)
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

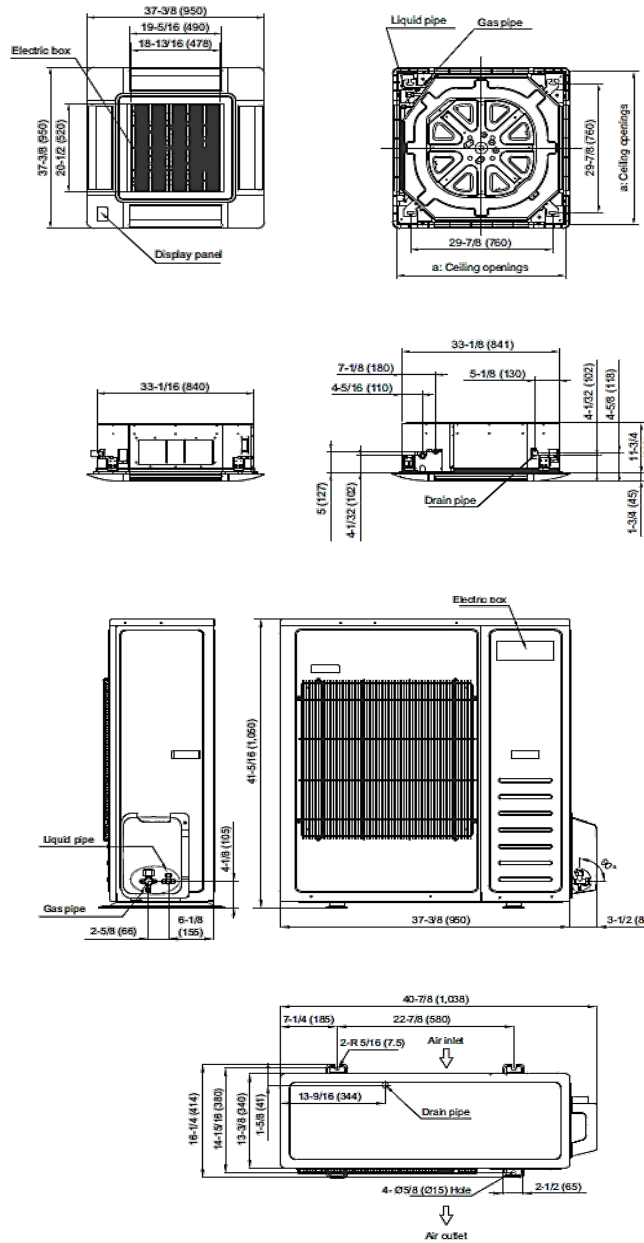
VWRCU	Wired Remote Controller
FJ-IR-WIFI-1NA	Intesis IR WIFI Module
BP101WA	Cielo Breez Plus
WH-AG4CT2	Cassette Grille



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)



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