

Submittal U18SZA2C

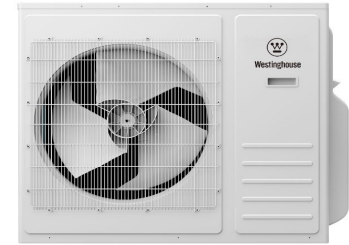
18,000 BTU Cassette - Heat Pump Ductless System

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	WHU18CTA21S
Outdoor Unit Model Number	WHU18SZA21S
System model number	U18SZA2C

ELECTRICAL

Voltage/Phase/Frequency	208 / 230V, 1-Phase, 60Hz
Voltage Range - V	198 - 253
MCA - A	15
Max Circuit Breaker - A	20
Max. Current (Cooling) - A	20
Max. Current (Heating) - A	20
Rated Current (Cooling) - A	6.5
Rated Current (Heating) - A	6.3
Rated Input Power (Cooling) - W	1420
Min - Max Input Power (Cooling) - W	252 - 1870
Rated Input Power (Heating) - W	1425
Min - Max Input Power (Heating) - W	345 - 2068

CAPACITIES

Cooling Capacity - BTUh	18000
Cooling Capacity Range - BTUh	4200 - 21000
Heating Capacity - BTUh	19000
Heating Capacity Range - BTUh	5600 - 24000

FAN SPEEDS

Indoor Airflow Rate (H/M/L) - CFM	588/500/394
Indoor Airflow Rate (H/M/L) - m ³ /h	1000/850/670
Outdoor Airflow Rate (H) - CFM	1853
Outdoor Airflow Rate (H) - m ³ /h	3150

SOUND PRESSURE

Sound Pressure Level Indoor (H/M/L) - dB(A)	38/36/34 - Cooling & Heating
Sound Pressure Level Outdoor (H) - dB(A)	55

LINESET REQUIREMENTS

Connection Pipe Diameter - Liquid (Flare) - in (mm)	Ø1/4 (Ø6.35)
Connection Pipe Diameter - Gas (Flare) - in (mm)	Ø1/2 (Ø12.70)
Minimum Lineset Length - ft (m)	10 (3.04)
Maximum Lineset Length (Total) - ft (m)	98 (30)
Max Height Difference (IDU higher than ODU) - ft (m)	49 (15)
Max Height Difference (ODU higher than IDU) - ft (m)	49 (15)
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)	3.2 (1.5)

EFFICIENCIES

SEER	22
EER	12.68
HSPF	11
COP - BTU/hW	13.33
COP - W/W	3.91
Energy Star	No

NET DIMENSIONS & WEIGHTS

Indoor Unit Net Dimensions (W x H x D) - in	9 3/4 x 33 1/8 x 33 1/8
Indoor Unit Net Dimensions (W x H x D) - mm	248 x 840 x 840
Indoor Unit Gross Dimensions (W x H x D) - in	4 3/4 x 40 x 40 3/8
Indoor Unit Gross Dimensions (W x H x D) - mm	370 x 956 x 996
Outdoor Unit Net Dimensions (W x H x D) - in	26-3/8 x 33-7/8 x 12-1/4
Outdoor Unit Net Dimensions (W x H x D) - mm	670 x 860 x 310
Outdoor Unit Gross Dimensions (W x H x D) - in	28-3/4 x 39 x 17-3/4
Outdoor Unit Gross Dimensions (W x H x D) - mm	730 x 990 x 450
Indoor Unit - Net Weight - lbs (kg)	56 (25)
Outdoor Unit - Net Weight - lbs (kg)	106 (48)

REFRIGERANT

Refrigerant Type	R410A
Refrigerant Weight - lb oz	3 lb 8 oz
Oil type	VG74

COMPRESSOR

Compressor Type	Rotary
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ACCESSORIES

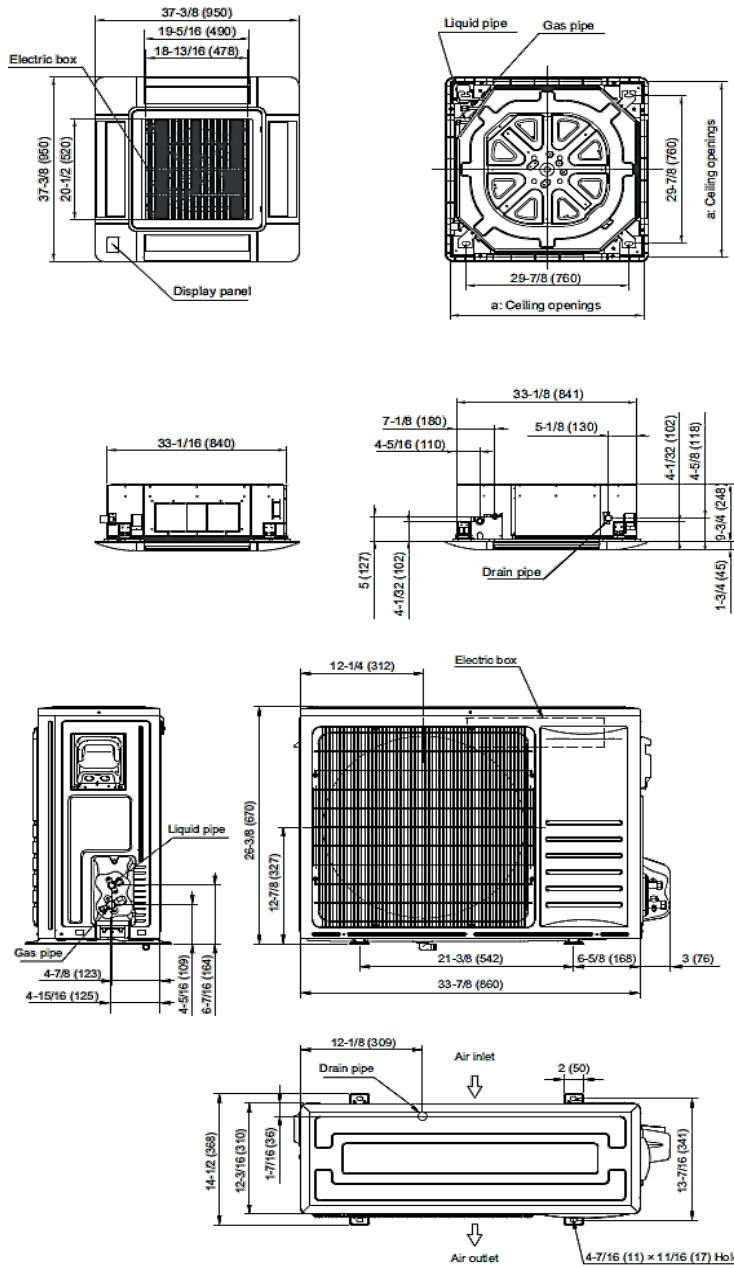
WVRCU	Wired Remote Controller
FJ-IR-WIFI-1NA	Intesis IR WIFI Module
BP101WA	Cielo Breez Plus
WH-AG4CT2	Cassette Grille



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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