

## Submittal Z09SZA2

### 9000 BTU Wall Mounted - Inverter Heat Pump

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

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

**FEATURES**

- Wireless Remote Controller Included
- Smart Mode
- Super Mode
- Auto restart
- Quiet mode
- °C & °F convertible
- 24 Hour Timer
- 8°C Heat Mode


**SYSTEM COMPONENTS**

Indoor Unit Model Number	WHZ09WMA21S
Outdoor Unit Model Number	WHZ09SZA21S
System model number	Z09SZA2

**ELECTRICAL**

Voltage/Phase/Frequency	208 / 230V, 1-Phase, 60Hz
Voltage Range - V	187-253
MCA - A	6.5
Max Circuit Breaker - A	15
Max. Current (Cooling) - A	6.5
Max. Current (Heating) - A	6.5
Rated Current (Cooling) - A	2.3
Rated Current (Heating) - A	3.4
Rated Input Power (Cooling) - W	560
Min - Max Input Power (Cooling) - W	100 - 1060
Rated Input Power (Heating) - W	770
Min - Max Input Power (Heating) - W	130 - 1220

**CAPACITIES**

Cooling Capacity - BTUh	9000
Cooling Capacity Range - BTUh	3600 - 10000
Heating Capacity - BTUh	10500
Heating Capacity Range - BTUh	3600 - 10500

**FAN SPEEDS**

Indoor Airflow Rate (S/H/M/L/Q) - CFM	394/365/294/235/224
Indoor Airflow Rate (S/H/M/L/Q) - m³/h	670/620/500/400/380
Outdoor Airflow Rate (H) - CFM	1177
Outdoor Airflow Rate (H) - m³/h	2000

**SOUND PRESSURE**

Sound Pressure Level Indoor (S/H/M/L/Q) - dB(A)	42/39/34/31/28
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)	Ø3/8 (Ø9.52)
Minimum Lineset Length - ft (m)	10 (3.04)
Maximum Lineset Length (Total) - ft (m)	65 (20)
Max Height Difference (IDU higher than ODU) - ft (m)	32 (10)
Max Height Difference (ODU higher than IDU) - ft (m)	16 (5)
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)	-0.4 to 115 (-18 to 46)
Heating - °F (°C)	-13 to 75 (-25 to 24)

**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)	1.9 (0.9)

**EFFICIENCIES**

SEER	28
EER	16.07
HSPF	12.5
COP - BTU/hW	13.64
COP - W/W	4
Energy Star	No

**NET DIMENSIONS & WEIGHTS**

Indoor Unit Net Dimensions (W x H x D) - in	10-5/8 x 33-7/16 x 8-7/16
Indoor Unit Net Dimensions (W x H x D) - mm	270 x 850 x 215
Indoor Unit Gross Dimensions (W x H x D) - in	13-3/16 x 37 x 10-7/16
Indoor Unit Gross Dimensions (W x H x D) - mm	335 x 940 x 265
Outdoor Unit Net Dimensions (W x H x D) - in	23-1/16 x 31-7/8 x 11
Outdoor Unit Net Dimensions (W x H x D) - mm	585 x 810 x 280
Outdoor Unit Gross Dimensions (W x H x D) - in	25-3/16 x 37 x 15-3/16
Outdoor Unit Gross Dimensions (W x H x D) - mm	640 x 940 x 385
Indoor Unit - Net Weight - lbs (kg)	20 (9)
Outdoor Unit - Net Weight - lbs (kg)	75 (34)

**REFRIGERANT**

Refrigerant Type	R410A
Refrigerant Weight - lb oz	2 lb 7 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



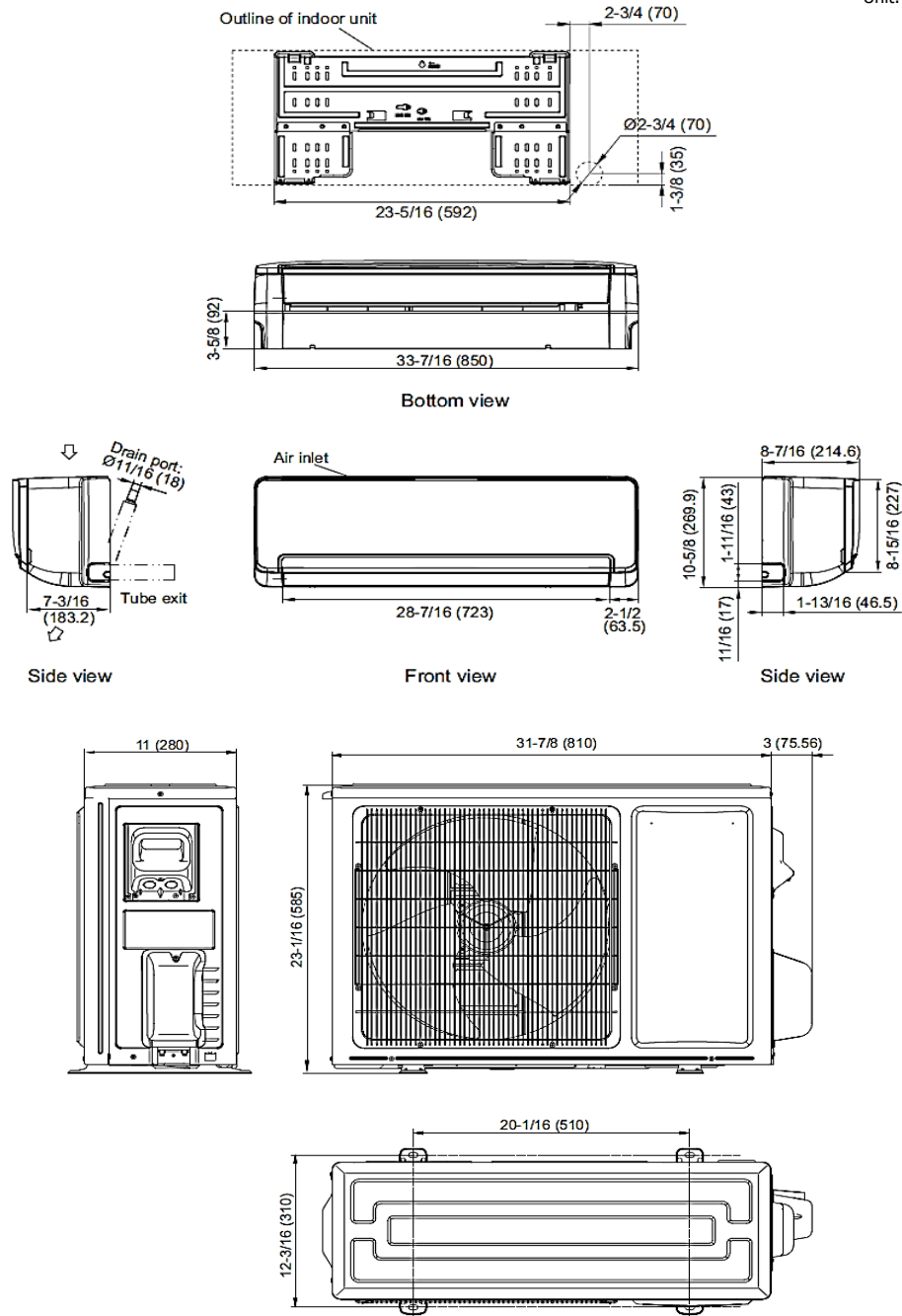
Note: Specifications are subject to change without notice. Specifications are based on the following conditions:  
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) 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).


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#### DIMENSIONS

Unit: In. (mm)



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