

Submittal Z12SZA2

12000 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	WHZ12WMA21S
Outdoor Unit Model Number	WHZ12SZA21S
System model number	Z12SZA2

ELECTRICAL

Voltage/Phase/Frequency	208 / 230V, 1-Phase, 60Hz
Voltage Range - V	187-253
MCA - A	7
Max Circuit Breaker - A	15
Max. Current (Cooling) - A	7
Max. Current (Heating) - A	7
Rated Current (Cooling) - A	4.6
Rated Current (Heating) - A	4.8
Rated Input Power (Cooling) - W	780
Min - Max Input Power (Cooling) - W	130 - 1280
Rated Input Power (Heating) - W	855
Min - Max Input Power (Heating) - W	170 - 1430

CAPACITIES

Cooling Capacity - BTUh	12000
Cooling Capacity Range - BTUh	4000 - 13500
Heating Capacity - BTUh	1000
Heating Capacity Range - BTUh	4000 - 14000

FAN SPEEDS

Indoor Airflow Rate (S/H/M/L/Q) - CFM	618/559/483/453/365
Indoor Airflow Rate (S/H/M/L/Q) - m³/h	1050/950/820/770/620
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)	48/46/41/37/30
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 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)	ⓂWRⓂBWRⓂ
Heating - °F (°C)	ⓂWRⓂBWRⓂ
Mositure Removal pints/h (L/h)	2.5 (1.2)

EFFICIENCIES

SEER	25	SEER2	23.5
EER	15.4	EER2	15.40
HSPF	12	HSPF2	9.5
COP - BTU/hW	15.2	COP2 - BTU	13.98
COP - W/W	4.45	COP2 - W/W	4.1
Energy Star			No

NET DIMENSIONS & WEIGHTS

Indoor Unit Net Dimensions (W x H x D) - in	12-3/8 x 37-13/16 x 9-5/16
Indoor Unit Net Dimensions (W x H x D) - mm	315 x 960 x 236
Indoor Unit Gross Dimensions (W x H x D) - in	15-3/8 x 40-15/16 x 12-7/16
Indoor Unit Gross Dimensions (W x H x D) - mm	390 x 1,040 x 316
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)	29 (13)
Outdoor Unit - Net Weight - lbs (kg)	84 (38)

REFRIGERANT

Refrigerant Type	R410A
Refrigerant Weight - lb oz	2 lb 14 oz
Oil type	VG74 (POE)

COMPRESSOR

Compressor Type	Rotary
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ACCESSORIES

VVRCU	Wired Remote Controller
FJ-IR-WIFI-1NA	Intesis IR WIFI Module
BP101WA	Cielo Breez Plus

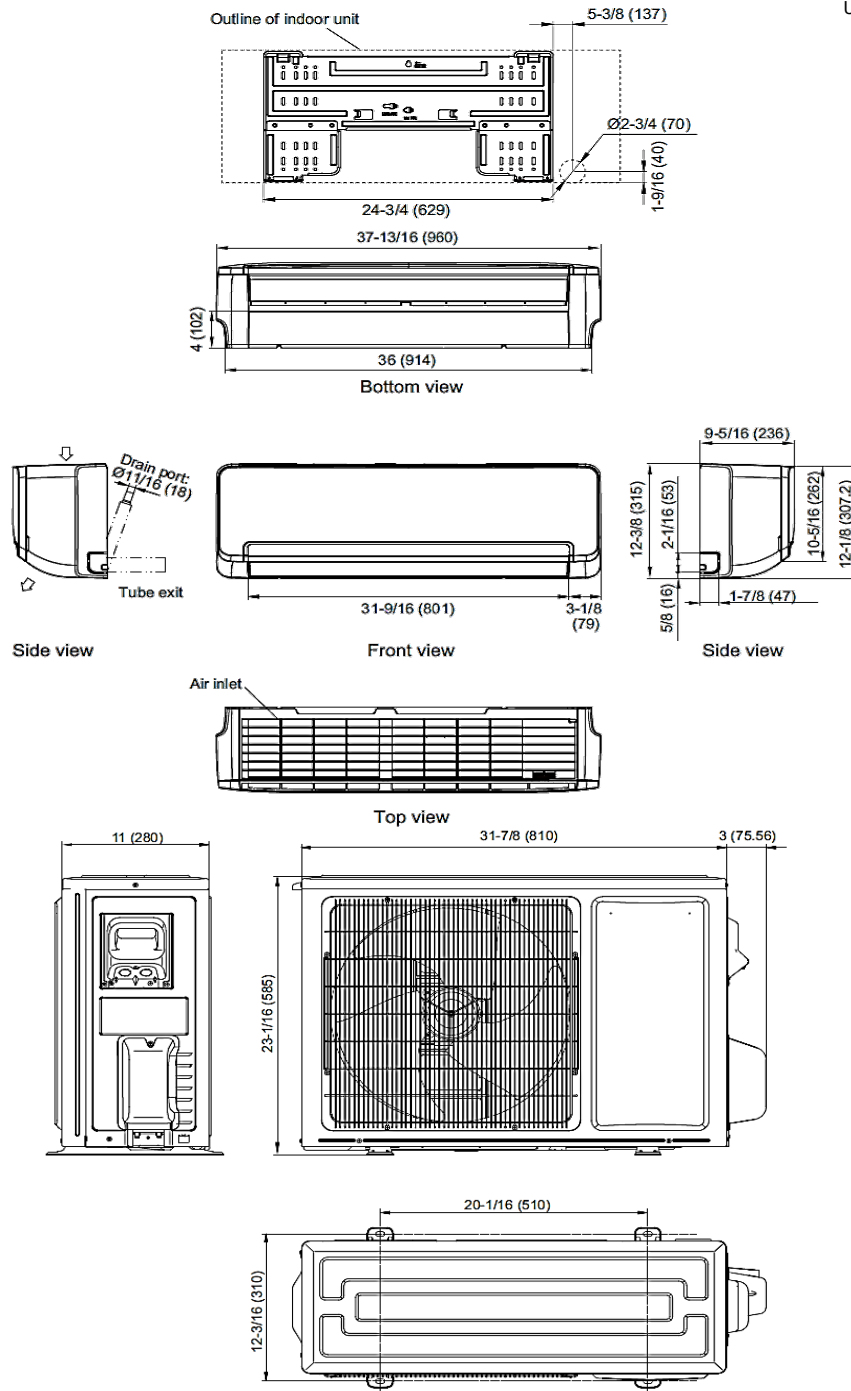
Note: Specifications are subject to change without notice. Specifications are based on the following conditions:
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C)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