



Job Name: \_\_\_\_\_

Location: \_\_\_\_\_

Engineer: \_\_\_\_\_

Submitted to: \_\_\_\_\_

Reference: \_\_\_\_\_

Date: \_\_\_\_\_

For:	<input type="checkbox"/> File	<input type="checkbox"/> Resubmit
	<input type="checkbox"/> Approval	<input type="checkbox"/> Other _____

# ClimaPure

## Indoor Unit: CS-XZ18AKUAW

## Outdoor Unit: CU-XZ18AKUAC



### Cooling Mode Capacity:

Nominal Capacity (BTU/h) Min./Rated/Max)	6,100/17,200/22,200
Power Input (kW) (Min./Rated/Max.)	0.44/1.26/1.66

### Heating Mode Capacity:

Nominal Capacity (BTU/h) Min./Rated/Max)	6,800/20,400/30,400
Power Input (kW) (Min./Rated/Max.)	0.40/1.54/2.60

### Rating Standard AHRI 210/240:

SEER2	22.00
EER2	13.65
HSPF2	11.70
COP	3.88

### Power Supply:

Power Supply (V/PH/Hz)	208-230/1/60
Max Current (A) / Max Input Power (W)	11.3 / 2,600
Starting Current (A)	7.6

### Power Supply:

Cooling Amps (A)	
- 208 (Mid)	6.30
- 230 (Mid)	5.70
Heating Amps (A)	
- 208 (Mid)	7.60
- 230 (Mid)	6.90

### Operating Capacity:

17°F: Rated Capacity (BTU/h) / I. Power (W)	21,000 / 2,460
5°F: Max Capacity (BTU/h)	17,800

### Compressor:

Type	Inverter driven Hermetic rotary
Motor Type	Brushless (6-poles)
Output Power (W)	1500

### Noise Levels: Cooling

Indoor Noise (H / L / Q-Lo)(dB-A)	46 / 37 / 33
Indoor Power Level (dB)	62
Outdoor Noise Hi (dB-A)	50
Outdoor Power Level (dB)	64

### Noise Levels: Heating

Indoor Noise (H / L / Q-Lo) (dB-A)	46 / 37 / 34
Indoor Power Level (dB)	62
Outdoor Noise Hi (dB A)	52
Outdoor Power Level (dB)	66

### Operating Specification:

Min. Circuit Ampacity (A)	15
Max. Overcurrent Protection (A)	20
Moisture Removal L/h (Pt/h)	1.7 (3.6)
Power Supply	Outdoor
Thermostat	Electronic Control
Protection Device	Electronic Control
Refrigerant Cycle:	
- Control Device	Expansion Valve
- Refrigerant Oil cm <sup>3</sup>	FW50S (450)
- Refrigerant Type, g (oz)	R32, 1,490 (52.6)

### Indoor Fan Stats:

Fan Type	Crossflow Fan
Motor	DC (8-poles)
Input Power (W)	47.3
Output Power (W)	40

### Indoor Fan Speeds:

QLo Cool/Heat (rpm)	780/850
Lo Cool/Heat (rpm)	880/930
Med. Cool/Heat (rpm)	1,060/1,090
Hi. Cool/Heat (rpm)	1,220/1,250
SHi Cool/Heat (rpm)	1,270/1,300

### Indoor Heat Exchanger:

Fin Material	Aluminum (Pre-Coat)
Fin Type	Silt Fin
Row x Stage x FPI	2 x 17 x 21
Size (W x H x L) (in)	32-1/16 x 14-1/16 x 1

### Indoor Operation Range:

Cooling	Dry Bulb	Wet Bulb
Minimum °F (°C)	60.8 (16)	51.8 (11)
Maximum °F (°C)	89.6 (32)	73.4 (23)
Heating		
Minimum °F (°C)	60.8 (16)	-/-
Maximum °F (°C)	86.0 (30)	-/-

### Indoor Fan Airflow:

Fan Setting	Cool	Heat
QLo (CFM)	366	405
Lo (CFM)	422	450
Med. (CFM)	522	539
Hi. (CFM)	610	630
SHi. (CFM)	640	656

### Indoor Air Quality:



Device	Built in air & surface purifier
Material	Maintenance free titanium (no filter)
Output	Water ion generated from air moisture
Ozone Emission	CARB listed, less than 0.005 ppm

### Outdoor Fan Stats:

Fan Type	Propeller Fan
Motor	DC (8-poles)
Input Power (W)	-
Output Power (W)	60

### Outdoor Fan Speeds:

Hi. Cool/Heat (rpm)	640/580
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### Outdoor Heat Exchanger:

Fin Material	Aluminum (Blue-Coat)
Fin Type	Corrugated Fin
Row x Stage x FPI	2 x 36 x 19
Size (W x H x L) (in)	1-7/16 x 29-49/64 x 34-13/64

### Outdoor Operation Range:

Cooling	Dry Bulb	Wet Bulb
Minimum °F (°C)	0 (-17.8)	-
Maximum °F (°C)	114.8 (46)	78.8 (26)
Heating		
Minimum °F (°C)	-15 (-26)	-
Maximum °F (°C)	75.2 (24)	64.4 (18)

### Outdoor Fan Airflow:

Fan Setting	Cool	Heat
Hi. (CFM)	1855	1675

### Piping Metrics

Pipe Diameter Liquid / Gas (In.)	
- Liquid	1/4"
- Gas	1/2"
Standard Length (Ft.)	25
Length Range (Ft) (min-max)	10 - 100
Indoor (CS) & Outdoor (CU) Max Height Difference (Ft)	65.6
Additional Gas Amount (oz/ft)	0.3
Length for Additional Gas (Ft)	33
Drain Hose	
- Inner Diameter (In.)	0.66
- Length (In.)	25.6

### Dimensions & Weight

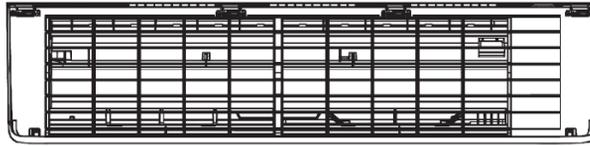
Height (in.)	
- Indoor	11-5/8
- Outdoor	31-5/16
Width (in.)	
- Indoor	40-31/32
- Outdoor	34-15/32
Depth (in.)	
- Indoor	9-5/8
- Outdoor	12-5/8
Weight (lb.)	
- Indoor	31
- Outdoor	110

### WLAN

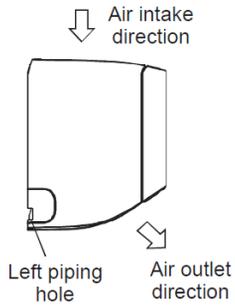
Network Adaptor	Wireless LAN Module (built-in)
Input Voltage	DC 5V (from AC indoor unit)
Current Consumption	Tx/Rx max. 290/100 mA
Wireless LAN Standard	IEEE 802.11 b/g/n
Frequency Range	2.4 GHz Band
Encryption	WPA2-PSK (TKIP/AES)
App Controls	
- Works with Android 8.1 and iOS 14.7 and above (ver 1.2.1.8)	
- Anytime, anywhere control	
- Scalable manage up to 200 units	
- Energy monitoring and statistics	

# Indoor Dimensions

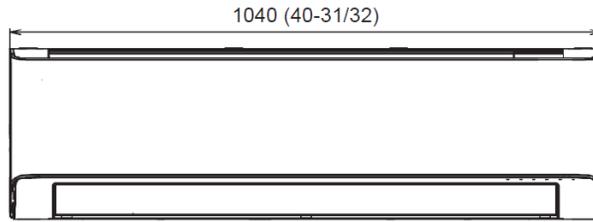
<Top View>



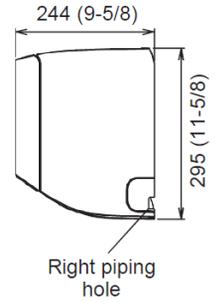
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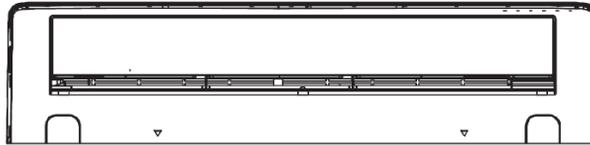
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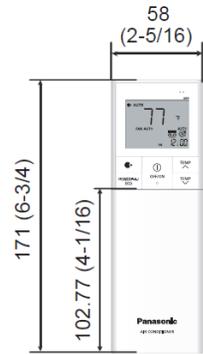
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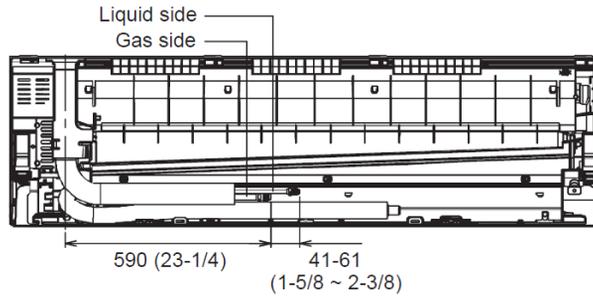
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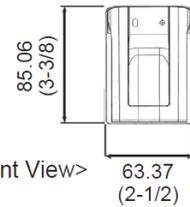
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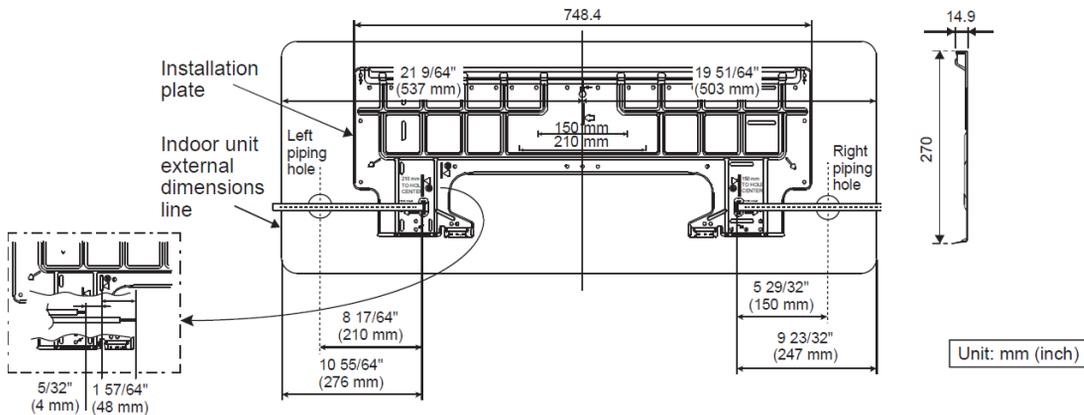
<Rear View>



<Remote Control Holder>



Relative position between the indoor unit and the installation plate <Front View>



# Outdoor Dimensions

