

Job Name: _____

Location: _____

Engineer: _____

Submitted to: _____

Reference: _____

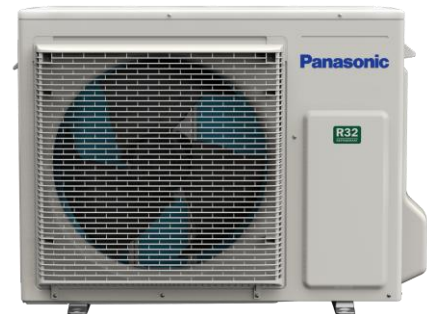
Date: _____

For: ☐ File ☐ Resubmit☐ Approval ☐ Other _____

Exterios

Indoor Unit: CS-Z15AKUAW

Outdoor Unit: CU-XZ15AKUAC



Cooling Mode Capacity:

Nominal Capacity (BTU/h) Min./Rated/Max)	3,300/14,700/19,300
Power Input (kW) (Min./Rated/Max.)	0.24/1.10/1.90

Heating Mode Capacity:

Nominal Capacity (BTU/h) Min./Rated/Max)	3,300/17,200/25,200
Power Input (kW) (Min./Rated/Max.)	0.20/1.23/2.40

Rating Standard AHRI 210/240:



SEER2	22.40
EER2	13.35
HSPF2	12.00
COP	4.10

Power Supply:

Power Supply (V/PH/Hz)	208-230/1/60
Max Current (A) / Max Input Power (W)	10.3 / 2,400
Starting Current (A)	6.0

Power Supply:

Cooling Amps (A)	
- 208 (Mid)	5.40
- 230 (Mid)	4.90
Heating Amps (A)	
- 208 (Mid)	6.00
- 230 (Mid)	5.40

Operating Capacity:

17°F: Rated Capacity (BTU/h) / I. Power (W)	17,500 / 2,250
5°F: Max Capacity (BTU/h)	15,300

Compressor:

Type	Inverter driven Hermetic rotary
Motor Type	Brushless (6-poles)
Output Power (W)	900

Noise Levels: Cooling

Indoor Noise (H / L / Q-Lo)(dB-A)	45 / 37 / 30
Indoor Power Level (dB)	61
Outdoor Noise Hi (dB-A)	50
Outdoor Power Level (dB)	65

Noise Levels: Heating

Indoor Noise (H / L / Q-Lo) (dB-A)	46 / 37 / 30
Indoor Power Level (dB)	62
Outdoor Noise Hi (dB A)	50
Outdoor Power Level (dB)	65

Operating Specification:

Min. Circuit Ampacity (A)	15
Max. Overcurrent Protection (A)	20
Moisture Removal L/h (Pt/h)	1.9 (4.0)
Power Supply	Outdoor
Thermostat	Electronic Control
Protection Device	Electronic Control
Refrigerant Cycle:	
- Control Device	Expansion Valve
- Refrigerant Oil cm ³	FW50S (450)
- Refrigerant Type, g (oz)	R32, 1,130 (39.9)

Indoor Fan Stats:

Fan Type	Crossflow Fan
Motor	DC (8-poles)
Input Power (W)	47.3
Output Power (W)	30

Outdoor Fan Stats:

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

Indoor Fan Speeds:

QLo Cool/Heat (rpm)	720/730
Lo Cool/Heat (rpm)	870/920
Med. Cool/Heat (rpm)	1,010/1,100
Hi. Cool/Heat (rpm)	1,160/1,260
SHi Cool/Heat (rpm)	1,210/1,310

Outdoor Fan Speeds:

Hi. Cool/Heat (rpm)	720/720
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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)	25-3/8 x 3-47/64 x 1/2 (sub eva) + 1 x 4 x 21 (sub eva)

Outdoor Heat Exchanger:

Fin Material	Aluminum (Blue-Coat)
Fin Type	Corrugated Fin
Row x Stage x FPI	2 x 28 x 19
Size (W x H x L) (in)	1-7/16 x 23-5/8 x 33-41/64:32-29/64

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)	-/-

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)

Indoor Fan Airflow:

Fan Setting	Cool	Heat
QLo (CFM)	251	256
Lo (CFM)	319	341
Med. (CFM)	381	422
Hi. (CFM)	450	495
SHi. (CFM)	471	516

Outdoor Fan Airflow:

Fan Setting	Cool	Heat
Hi. (CFM)	1405	1405



Piping Metrics

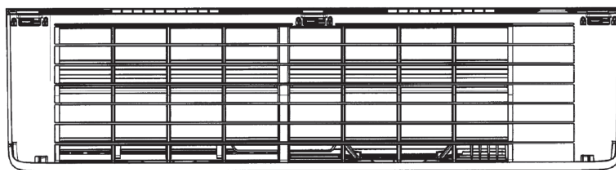
Pipe Diameter Liquid / Gas (In.)	
- Liquid	1/4"
- Gas	1/2"
Standard Length (Ft.)	25
Length Range (Ft) (min-max)	10 - 66
Indoor (CS) & Outdoor (CU) Max Height Difference (Ft)	49.2
Additional Gas Amount (oz/ft)	0.2
Length for Additional Gas (Ft)	25
Drain Hose	
- Inner Diameter (In.)	0.66
- Length (In.)	25.6

Dimensions & Weight

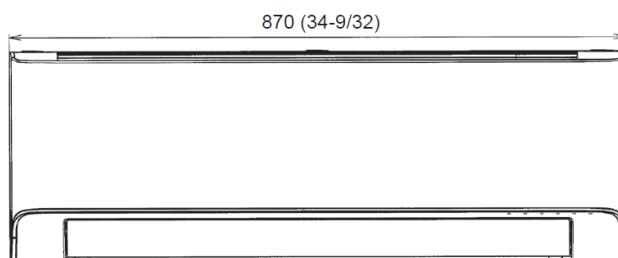
Height (in.)	
- Indoor	11-5/8
- Outdoor	27-5/8
Width (in.)	
- Indoor	34-9/32
- Outdoor	34-15/32
Depth (in.)	
- Indoor	9-1/32
- Outdoor	12-5/8
Weight (lb.)	
- Indoor	24
- Outdoor	93

Indoor Dimensions

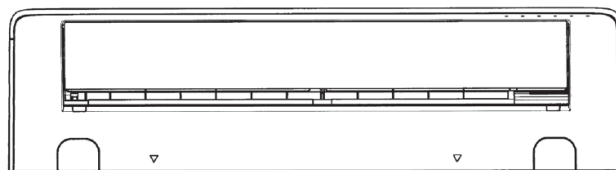
<Top View>



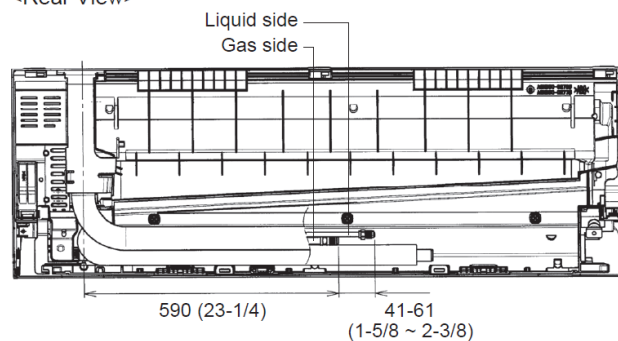
<Front View>



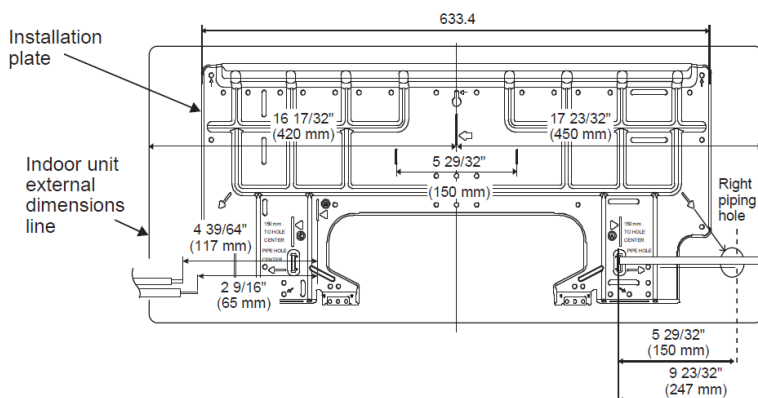
<Bottom View>



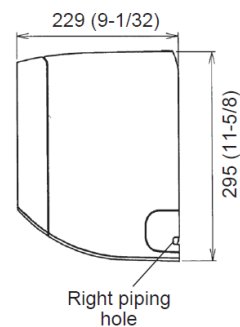
<Rear View>



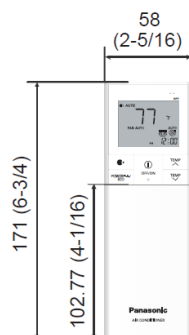
Relative position between the indoor unit and the installation plate <Front View>



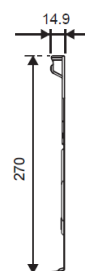
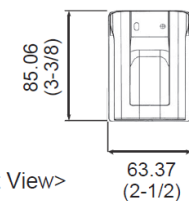
<Side View>



<Remote Control>



<Remote Control Holder>



Unit: mm (inch)

Outdoor Dimensions

