



Job Name: _____

Location: _____

Engineer: _____

Submitted To: _____

Submitted By: _____

Reference: _____

Date: _____

For: File Resubmit
 Approval Other _____

ClimaPure: Indoor Unit: CS-XE18WKUAW

Outdoor Unit: CU-XE18WKUA

Cooling Mode Capacity:

| | |
|---|---------------------|
| Nominal Capacity (BTU/h) Min./Rated/Max.) | 5,800/17,200/19,800 |
| Power Input (kW) (Min./Rated/Max.) | 1.70/5.04/5.80 |

Heating Mode Capacity:

| | |
|--|---------------------|
| Nominal Capacity (BTU/h) (Min./Rated/Max.) | 5,800/20,400/30,000 |
| Power Input (kW) (Min./Rated/Max.) | 1.70/5.97/8.79 |

Rating Standard AHRI 210/240:



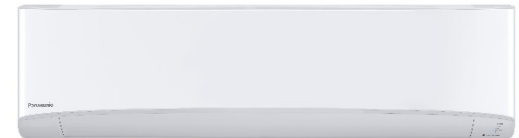
| | Min. | Rated | Max. |
|------------|-------|-------|-------|
| EER | 13.45 | 13.20 | 12.35 |
| COP | 4.47 | 3.66 | 3.14 |

Power Supply:

| | |
|---------------------------------------|--------------|
| Power Supply (V/PH/Hz) | 208-230/1/60 |
| Max Current (A) / Max Input Power (W) | 11.9 / 2,610 |
| Starting Current (A) | 8.70 |

Power Supply:

| | |
|------------------------|------|
| Cooling Amps(A) | |
| - 208 (Mid) | 6.90 |
| - 230 (Mid) | 6.20 |
| Heating Amps | |
| - 208 (Mid) | 8.70 |
| - 230 (Mid) | 7.70 |



Operating Capacity:

| | |
|---|--------------|
| 17°F: Rated Capacity (BTU/h) / I. Power (W) | 14,000/1,400 |
| 5°F: Max. Capacity (BTU/h) | 20,400 |

Compressor:

| | |
|------------------|---------------------------------|
| Type | Inverter driven Hermetic rotary |
| Motor Type | Brushless (4-poles) |
| Output Power (W) | 1,700 |

Noise Levels: Cooling

| | |
|------------------------------------|--------------|
| Indoor Noise (H / L / QLo) (dB A) | 47 / 39 / 36 |
| Indoor Power Level dB | 63 |
| Outdoor Noise (H / L / QLo) (dB A) | 52 |
| Outdoor Power Level dB | 66 |

Noise Levels: Heating

| | |
|------------------------------------|--------------|
| Indoor Noise (H / L / QLo) (dB A) | 48 / 39 / 36 |
| Indoor Power Level dB | 64 |
| Outdoor Noise (H / L / QLo) (dB A) | 54 |
| Outdoor Power Level dB | 68 |

Operating Specification

| | |
|-----------------------------------|---------------------|
| Min. Circuit Ampacity (A) | 20 |
| Max Overcurrent Protection (A) | 25 |
| SEER/HSPF | 21.00/12.00 |
| 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 ³ | FV50S (800) |
| - Refrigerant Type g (oz) | R410A, 1,850 (65.3) |

Indoor Fan Stats:

| | |
|------------------|---------------|
| Fan Type | Crossflow Fan |
| Motor | DC (8-poles) |
| Input Power (W) | 94.8 |
| Output Power (W) | 30 |

Indoor Fan Speeds

| | |
|---------------------|-------------|
| QLo Cool/Heat (rpm) | 900/900 |
| Lo Cool/Heat (rpm) | 980/980 |
| Med.Cool/Heat (rpm) | 1,120/1,120 |
| Hi. Cool/Heat (rpm) | 1,260/1,330 |
| SHi Cool/Heat | 1,310/1,380 |

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) | 32.93 x 14.06 x 1 |

Indoor Operation Range

| | Dry Bulb | Wet Bulb |
|-----------------|-----------|-----------|
| Cooling | | |
| 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) | 384 | 386 |
| Lo (CFM) | 424 | 425 |
| Med. (CFM) | 493 | 508 |
| Hi. (CFM) | 560 | 595 |
| SHi. (CFM) | 586 | 621 |

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 |
|---------------------|---------|

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.) | 1.43 x 29.76 x 34.20 : 35.32 |

Outdoor Operation Range

| | Dry Bulb | Wet Bulb |
|-----------------|------------|-------------|
| Cooling | | |
| Minimum °F (°C) | 0 / -17.8 | -/- |
| Maximum °F (°C) | 114.8 (46) | 78.8 (26) |
| Heating | | |
| Minimum °F (°C) | -15 (-26) | -16 (-26.7) |
| Maximum °F (°C) | 75.2 (24) | 64.4 (18) |

Outdoor Fan Airflow

| Fan Setting | Cool | Heat |
|-------------|------|------|
| Hi (CFM) | 1925 | 1925 |

Dimensions & Weight

| | |
|----------------------------|----------|
| Height (in.) | |
| - Indoor | 11-29/32 |
| - Outdoor | 31-5/16 |
| Width (in.) | |
| - Indoor | 43-13/32 |
| - Outdoor | 34-15/32 |
| Depth (in.) | |
| - Indoor | 9-5/8 |
| - Outdoor | 12-5/8 |
| Weight | |
| - Indoor/Outdoor Net (lb.) | 33/132 |

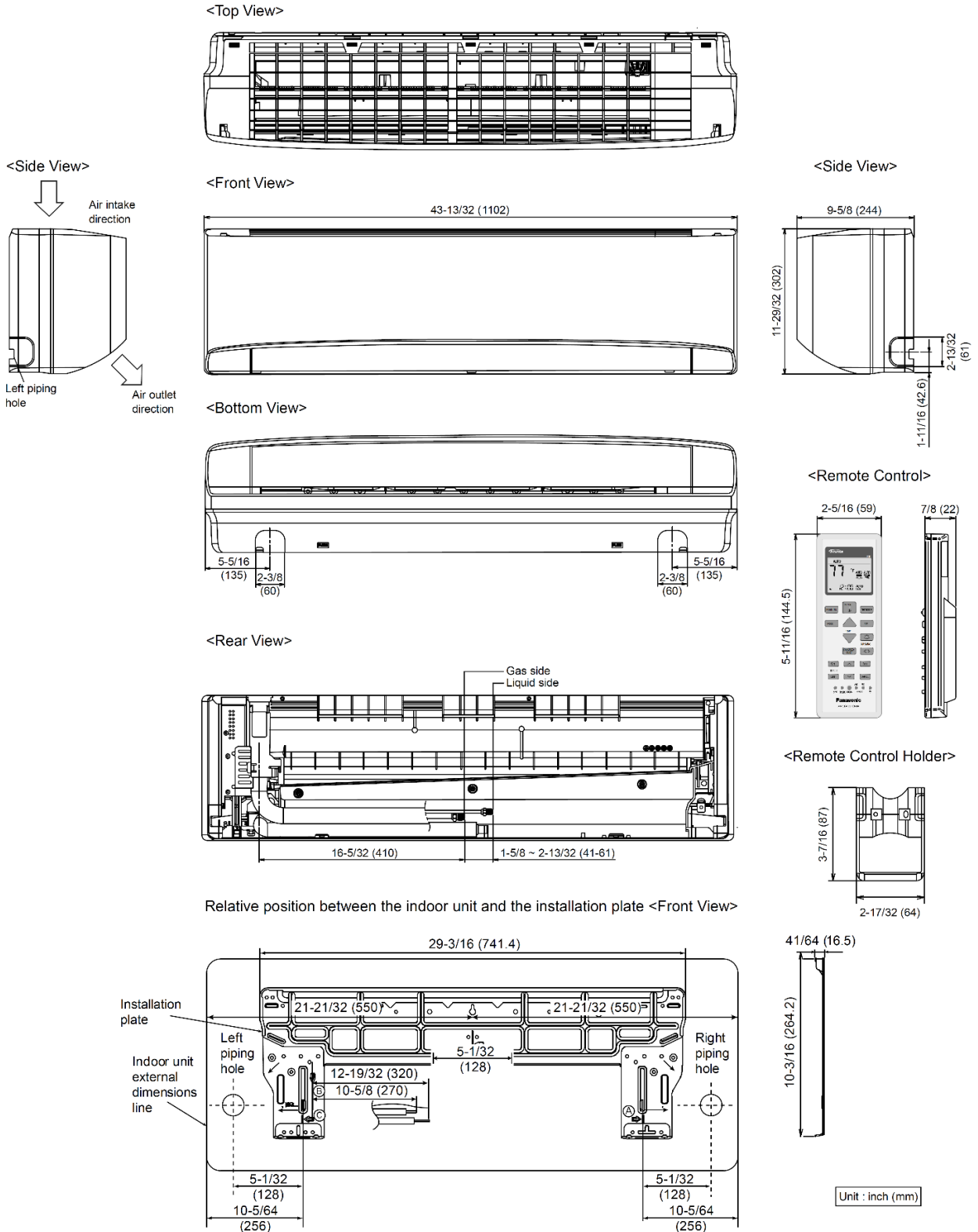
Piping Metrics

| | |
|---|----------|
| 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) | 49.2 |
| Additional Gas Amount (Ft) | 0.2 |
| Length for Additional Gas (Ft) | 33 |
| Drain Hose | |
| - Inner Diameter (In.) | .66 |
| - Length (In.) | 25.6 |

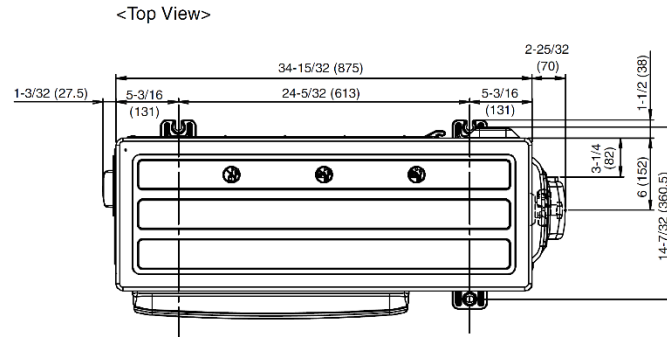
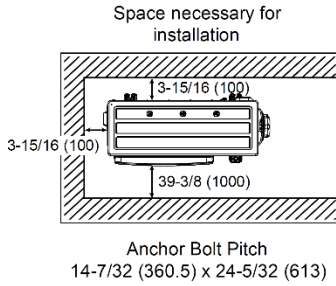
WLAN

| | |
|-----------------------|--|
| 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 | WPA-PSK (TKIP/AES) |
| App Controls | |
| - | Work with Android 4.4 and iOS9 and above |
| - | Anytime, anywhere control |
| - | Scalable manage up to 200 units |
| - | Energy monitoring and statistics |

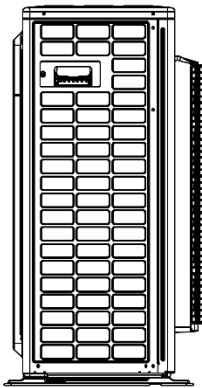
Indoor Dimensions



Outdoor Dimensions

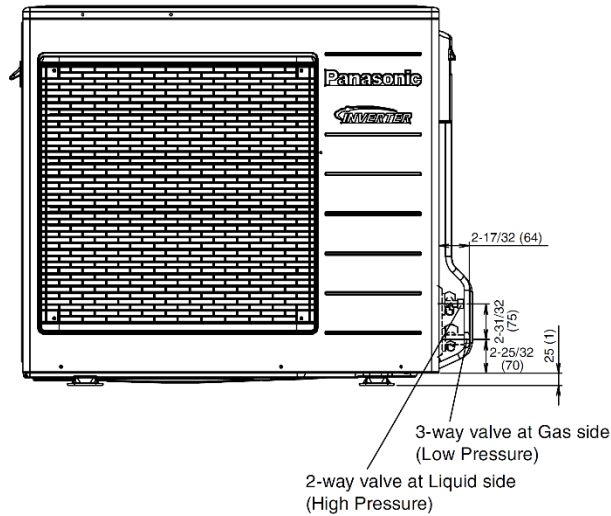


<Side View>

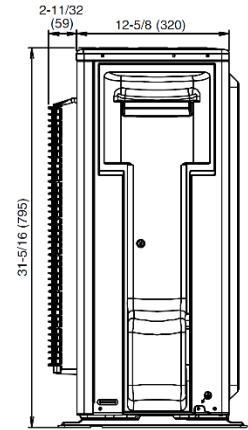


Unit: inch (mm)

<Front View>



<Side View>



Accessories

| Optional Accessories | | |
|----------------------|--|---|
| BS600 | Mounting Bracket for Outdoor Unit | All Outdoor Models. |
| WINDB-1A | Wind Baffle - Side Discharge Fan | 22.5 " wide - Single Fan - 1 Baffle, Double Fan - 2 Baffles |
| WINDB-M1 | Wind Baffle - Small Multi/Large Single Coil Side | For use with XE15WKUA, XE18WKUA, XE24WKUA, CU-2E18SBU, CU-3E19RBU, CU-E12RBU, CU-E18RBU, CU-E18RKUA, CU-E24RKUA, CU-RE18SKUA, CU-RE24SKUA, CU-E18SD3UA |
| USPA-AC-WIFI-1B | RAC Residential Wired Wi-Fi Adaptor | This Internet Control device is mounted next to the indoor unit and connects to the main board with the supplied cable. It can be used with wired and wireless remotes. |
| USPA-RC2-WIFI-1 | PAC Residential & Light Commercial Wired Wi-Fi Adaptor | This Internet Control device can be paired with a wired or wireless remote and uses the instructed remote wiring. |
| USPA-AC-BAC-1 | RAC Residential BACnet Controller | This is a BACnet over IP or MSTP device. Configured using external dip switches. |
| USPA-RC2-BAC-1 | PAC Residential & Light Commercial BACnet Controller | This is a BACnet over IP or MSTP device capable of monitoring and controlling all generations of PACi, ECOi and ECOi EX units. |
| USPA-AC-BAC-128 | PAC Residential & Light Commercial BACnet Controller | This is a BACnet over IP server device capable of monitoring and controlling PACi, ECOi and ECOi EX systems. Up to 128 indoor units |
| CZ-CFUNC1U | Communication Adaptor | controller requires (1) Communication Adaptor |
| SI-30-230 | Condensate Pump | All 230v models. 5 gallons per hour |
| CZ-SA31P | PM 2.5 Filter All XE, E, RE wall mount | All XE, E, RE wall mount |
| CZ-SA20P | Anti-Microbial Filter | All XE, E, RE wall mount |

| Optional Accessories | | |
|----------------------|--|---|
| CZ-CLNC1U | Lon-Works Interface | The CZ-CLNC1U LonWorks Interface can control up to 16 indoor units. Monitors and controls all generations of PACi, ECOi and ECOi EX systems. Connected directly into the communication bus and is field-configured via dip switches. |
| CZ-CAPRA1 | RAC Adapter | This adaptor serves as an interface required to connect a central control device, such as an intelligent controller, with a room air conditioner. Using this adaptor can operate or monitor the room air conditioner from a central control device. |
| CZ-RD516C-1 | Wired Remote (for Wall Mount) | For use with XE9WKUA, XE12WKUA, XE15WKUA, XE18WKUA, XE24WKUA, XE9SKUA, XE12SKUA, XE15SKUA, E9RKUA, E12RKUA, E18RKUA, E24RKUA, E9NKUA, E12NKUA, E18NKUA, E24NKUA, RE9SKUA, RE12SKUA, RE18SKUA, RE24SKUA |
| RCPTC130XE-J | Wireless Remote Caddy - Locking Bracket. | For use with XE**SKUA models |
| RCPTC110B-J | Wireless Remote Caddy - Locking Bracket. | For use with XE**PKUA, XE**SKUA, E**NKUA and E**RKUA Models |
| DL04080815 | Multi-Split connection tube adaptor | 1/4" liquid line, 3/8" suction line, 1/2" insulation thickness and 15' line length |
| DL04080820 | Multi-Split connection tube adaptor | 1/4" liquid line, 3/8" suction line, 1/2" insulation thickness and 20' line length |
| DL04080835 | Multi-Split connection tube adaptor | 1/4" liquid line, 3/8" suction line, 1/2" insulation thickness and 36' line length |