2018 Full Line Catalog
Air Conditioning and Heat Pump Products
Panasonic has produced over 100 million* air conditioning and heat pump units worldwide.

Global Brand

Our global brand serves over 100 counties in all climate zones around the world.

Countries served:
- Europe: 31 countries
- Middle East: 10 countries
- CIS: 10 countries
- North Asia: 3 countries
- Asia: 15 countries
- Africa: 7 countries
- Oceania: 3 countries
- North America: 2 countries
- Latin America: 20 countries

Our air conditioner designs consider local climate characteristics and are used in a wide range of extreme hot to extreme cold regions and countries.

Outdoor units are affected by extreme weather conditions which also affects the units performance. In extreme cold climate and heavy snow fall conditions it is necessary to protect the outdoor unit from freezing. Panasonic has developed special knowledge and technology for cold climate regions including Siberia and North America.

Panasonic can be characterized as a global pioneer in extreme cold climate heat pump design and installations.
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**Our Evolution**

**Forever and ever.**

- **1958**
  - Our first home cooler is launched. A window-type.

- **1965**
  - Launched indoor and outdoor separate-type.

- **1969**
  - Launched wall mounted indoor unit with outdoor unit separated.

- **1972**

- **1981**
  - Launched low ambient heat pump units that provide heat in extreme cold climates.

- **1983**
  - Launched inverter air conditioner.

- **2008**
  - First model equipped human sensor launched.

- **2010**
  - First model equipped ECONAVI launched.

- **2014**
  - XE series –15°F heat operation

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* As of the end of 2014 (According to our research)
Rugged design that continues to operate high cold climate of -15°F.

**PRECISE**

**Precise design**

Components arranged in an orderly manner are proof of high-precision and careful finishing. The compressor, which is the heart of the air conditioner, is wrapped in insulation to provide soundproofing and reduce condensation.

1. **High-Efficiency Compressor**
   - High-performance compressor with wide power output range operates accurately with less than 1 ampere for precise operation.

2. **Inverter Technology**
   - Advanced drive technology adjusts precise compressor motor rotation. During the start-up phase, the compressor quickly provides powerful, high-speed rotation; during the run phase the compressor smoothly shifts to a low speed rotation for energy savings. This maximizes compressor performance and optimizes high efficient operation.

3. **Frost on heat exchanger is frequent in cold climates. The three blade, high static pressure design moves air quietly and evenly even under harsh conditions**

4. **This special coating prevents rust from salt air and moisture from rain and melting snow and assures longer life of the heat exchanger.**

5. **Base Pan Heater / Multiple Drain Ports**
   - A heating element placed around the base pan prevents freezing condensate inside the outdoor unit.
   - Multiple drain holes assist prompt drainage.

6. **for gua rdr ails, automobile parts provide corrosion resistance and durability.**

**Blue Fin Condenser**

3 layer structure

3 times longer lasting

**Powder Coated Finish**

**Inverter Technology**

**Silicone Coating**

**High-Efficiency Blades**

**Smooth rotation and low vibration ensure quiet operation and durability.**

**Base Material**

**Corrosion-Resistant Layer**

**Content**

**Note:** According to Panasonic test results.
precise design

TOUGHNESS
Rugged body

Blue Fin Condenser
Blue Fin anti-rust coating is applied to each fin. This special coating prevents rust from salt air and moisture from rain and melting snow and assures longer life of the heat exchanger.

3 layer structure
3 times longer lasting
Note: According to Panasonic test results.

High-Efficiency Blades
Frost on heat exchanger is frequent in cold climates. The three blade, high static pressure design moves air quietly and evenly even under harsh conditions and provides high efficiency operation.

Base Pan Heater / Multiple Drain Ports
A heating element placed around the base pan prevents freezing condensate inside the outdoor unit. Multiple drain holes assist prompt drainage.

Silicone Coating
The brains of the air conditioner, printed circuit board is coated with silicon to prevent malfunction from insulation deterioration.

Powder Coated Finish
An industrial grade paint used on exterior finishes for guardrails, automobile parts provide corrosion resistance and durability.

Quiet
Smooth rotation and low vibration ensure quiet operation and durability.
Reliability and exceptional quality with over

Durability

A rugged design ensures that the air conditioners will continue to keep the room comfortable, and provide reliable operation for many years. Panasonic believes this is the true value of an air conditioner and the reason we subject them to a wide range of stringent durability tests.

- Long-term Durability Test
- Compressor Reliability Test
- Operating Test in Harsh Conditions
- Waterproof Test

Panasonic conduct tests under conditions that are much more severe than actual operating conditions.

The outdoor unit is provided with IPX4 waterproof compliance. Also, an operating durability test has been conducted at a temperature up to 130°F down to -13°F in test chamber.

Shock

Resistance

Panasonic simulates impacts, vibrations and other external conditions that air conditioners might receive during transportation. We assure that the quality and performance at the time of the final product inspection are maintained when the product reaches the user’s home.

- Drop Test
- Vibration Test
- Warehouse Stacking Test

Even with the large impacts during transportation, the product packaging has been strengthened to prevent it from being damaged.

We place a weight on top of the test package and leave it in a room at high-temperature and humidity. After this warehouse simulation test, the product is checked for proper operation.
Air conditioners should keep each person in the room comfortable without making their presence known. They should work totally in the background, using their strength to create and maintain a comfortable environment. We build this hidden strength into our air conditioners, and test them repeatedly from this viewpoint.

- Noise Test
- Environmental Test
- EMC (Electromagnetic Compatibility) Test
- Remote Control Usability Test

Panasonic continues to offer the highest quality with the lowest possible environment impact. The fundamental principles of Panasonic products naturally apply to air conditioners. In order to live up to our reputation for quality, we work to overcome challenges and devote maximum efforts all over the world.

- Noise Test
- Environmental Test
- EMC (Electromagnetic Compatibility) Test
- Remote Control Usability Test

Panasonic air conditioners comply with all necessary leading industrial standards and regulations required for the market in each country.

Panasonic “eco ideas” factories reduce CO₂ emissions and conduct regional-based environmental communication activities to contribute to both the global environment and the local communities.
With Panasonic, heating and cooling are all-

Superb comfort

Precise Control

Reduces Electricity Consumption

Panasonic inverter air conditioners/heat pumps are designed to give you exceptional energy savings while ensuring you stay comfortable at all times.

Constant Comfort

Precise temperature control with a wide power output range enables an Inverter air conditioner/heat pump to meet different room occupancy levels, providing constant comfort.

Panasonic inverter technology continually adjusts its compressor rotation speed to provide maximum performance at all times. This precise operation enables quick cooling or heating while reducing power consumption compared to conventional non-inverter units.

Winter

Summer

Simply said, heat is transferred from indoors to outdoors using a compressor and high pressure, high temperature refrigerant in a reverse cycle from heating. Warm moist air is drawn into the indoor unit and cool dry air is released into the room. The refrigerant cycle continually repeats.

Simply said, heat is transferred from outdoors to indoors using a compressor and high pressure, high temperature refrigerant. Cool air is drawn into the indoor unit and warm air is released into the room. The refrigerant cycle continually repeats.

Winter

Summer
in-one providing year-round comfort.

All seasons

Year-round use

The air conditioning heat pump consists of a single or multiple indoor units and a single outdoor condenser unit. The indoor and outdoor units are connected by refrigerant pipes that cycle refrigerant gas between the indoor and outdoor units. The direction of the gas can be switched which changes operation between heating and cooling. This switching change is done with a simple button push on the remote controller and heating and cooling comfort is provided year-round.

Simply said, heat is transferred from outdoors to indoors using a compressor and high pressure, high temperature refrigerant. Cool air is drawn into the indoor unit and Warm air is released into the room. The refrigerant cycle continually repeats.

Simply said, heat is transferred from indoors to outdoors using a compressor and high pressure, high temperature refrigerant in a reverse cycle from heating. Warm moist air is drawn into the indoor unit and Cool dry air is released into the room. The refrigerant cycle continually repeats.

Quick Cooling and Heating

Panasonic Inverter air conditioner/heat pump can operate with higher cooling/heating power during the start-up period to cool/heat the room faster than non-inverter models.

Whisper Quiet Operation

The indoor operating noise has been reduced by 5dB as the Inverter constantly varies its output power to enable more precise temperature control.
Advanced Inverter & ECONAVI Technology

Optimum Performance while reducing Energy Usage

Panasonic inverter technology constantly adjusts its compressor rotation speed to provide maximum performance at all times. This precise operation enables quick cooling or heating while reducing power consumption compared to conventional non-inverter units.

Reduces Electricity Consumption

Panasonic inverter air conditioners/heat pumps are designed to give you exceptional energy savings while ensuring you stay comfortable at all times.

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What’s ECONAVI?

High-precision sensor technology allows efficient, automatic operation to match room conditions. This keeps everyone comfortable while saving energy.

What does ECONAVI detect?

**EXAMINE**
- Level of activity.
- Human presence.

**EVALUATE**
- Changes in human location.
- Changes in human activity.
- Changes in human presence.

**EXECUTE**
- Adjusts airflow direction.
- Low activity: Auto increase set temperature.
- Absence: Auto increase set temperature.
Advanced ECONAVI Technology

Energy Saving and Comfort Through Sensor Technology

ECONAVI 3 Sensors

1. Absence Detection  **Human Activity Sensor**
   Reduces energy usage when no activity is detected.

2. Activity Detection  **Human Activity Sensor**
   When activity is detected, sensors start working to efficiently cool the zone.

3. Area Search  **Human Activity Sensor**
   Area Search is activated when activity detection is located in one side of the room vs. the other.

Switches from high operation to reduce cooling.

Switches from high to mild cooling.

Sends cool air only to areas where people are.
Air Conditioners and Heat Pumps Line-Up

Your Best Choice in Mini Split Air Conditioning and Heat Pump Systems

Since 1983, Panasonic Mini Split Air Conditioner and Heat Pump products offer a wide range of versatile solutions for cooling and heating requirements for single or multiple rooms. The indoor unit (evaporator) is mounted inside a room and connected to the outdoor unit (condenser) via refrigerant lines and inter-unit wiring through a 3-1/2” opening in the wall. Since no ductwork is required, installation is simple, fast and efficient. Ducted models are also available.

The indoor unit has been uniquely designed to provide whisper-quiet operation while delivering comfort throughout the room. Panasonic Mini Split Systems are stylish and provide the quality and reliability you can count on.

MULTI ZONE: RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS

<table>
<thead>
<tr>
<th>Zones</th>
<th>2</th>
<th>2 thru 3</th>
<th>2 thru 4</th>
<th>2 thru 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Btu/h</td>
<td>18,000 (1.5 TON)</td>
<td>19,000 (1.5 TON)</td>
<td>24,000 (2.0 TON)</td>
<td>36,000 (3.0 TON)</td>
</tr>
<tr>
<td>SEER (Non-Ducted / Ducted)</td>
<td>19.0 / 19.0</td>
<td>22.0 / 18.5</td>
<td>22.0 / 19.0</td>
<td>18.5 / 16.5</td>
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<tr>
<td>HSPF (Non-Ducted / Ducted)</td>
<td>9.5 / 9.0</td>
<td>10.5 / 9.0</td>
<td>9.5 / 9.0</td>
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<table>
<thead>
<tr>
<th>Outdoor Unit</th>
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<tbody>
<tr>
<td>CU-2E18SBU-5</td>
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<tr>
<td>CU-3E19RBU-5</td>
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<tr>
<td>CU-4E24RBU-5</td>
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<td>CU-5E36OBU-5</td>
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<table>
<thead>
<tr>
<th>Indoor Unit</th>
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<tbody>
<tr>
<td>Wall Mount 5,000 Btu/h</td>
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<tr>
<td>CS-ME5RKUA</td>
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<td>CS-ME5RKUA</td>
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<tr>
<td>CS-ME5RKUA</td>
</tr>
<tr>
<td>CS-ME5RKUA</td>
</tr>
<tr>
<td>Wall Mount 7,000 Btu/h</td>
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<tr>
<td>CS-ME7RKUA</td>
</tr>
<tr>
<td>CS-ME7RKUA</td>
</tr>
<tr>
<td>CS-ME7RKUA</td>
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<tr>
<td>CS-ME7RKUA</td>
</tr>
<tr>
<td>Wall Mount 9,000 Btu/h</td>
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<tr>
<td>CS-E9RKUAW</td>
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<td>CS-E9RKUAW</td>
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<tr>
<td>CS-E9RKUAW</td>
</tr>
<tr>
<td>CS-E9RKUAW</td>
</tr>
<tr>
<td>Wall Mount 12,000 Btu/h</td>
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<tr>
<td>CS-E12RKUAW</td>
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<td>CS-E12RKUAW</td>
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<tr>
<td>CS-E12RKUAW</td>
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<tr>
<td>CS-E12RKUAW</td>
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<tr>
<td>Wall Mount 18,000 Btu/h</td>
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<tr>
<td>N/A</td>
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<tr>
<td>CS-E18RKUAW</td>
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<td>CS-E18RKUAW</td>
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<td>CS-E18RKUAW</td>
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<td>Wall Mount 24,000 Btu/h</td>
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<td>N/A</td>
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<tr>
<td>CS-E24RKUAW</td>
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<tr>
<td>CS-E24RKUAW</td>
</tr>
<tr>
<td>4-Way Cassette 9,000 Btu/h</td>
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<tr>
<td>CS-ME9SB4U</td>
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<td>CS-ME9SB4U</td>
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<tr>
<td>CS-ME9SB4U</td>
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<tr>
<td>CS-ME9SB4U</td>
</tr>
<tr>
<td>4-Way Cassette 12,000 Btu/h</td>
</tr>
<tr>
<td>CS-E12RB4UW</td>
</tr>
<tr>
<td>CS-E12RB4UW</td>
</tr>
<tr>
<td>CS-E12RB4UW</td>
</tr>
<tr>
<td>CS-E12RB4UW</td>
</tr>
<tr>
<td>4-Way Cassette 18,000 Btu/h</td>
</tr>
<tr>
<td>N/A</td>
</tr>
<tr>
<td>CS-E18RB4UW</td>
</tr>
<tr>
<td>CS-E18RB4UW</td>
</tr>
<tr>
<td>CS-E18RB4UW</td>
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<tr>
<td>5,000 Btu/h</td>
</tr>
<tr>
<td>CS-ME5SD3UA</td>
</tr>
<tr>
<td>CS-ME5SD3UA</td>
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<tr>
<td>CS-ME5SD3UA</td>
</tr>
<tr>
<td>CS-ME5SD3UA</td>
</tr>
<tr>
<td>7,000 Btu/h</td>
</tr>
<tr>
<td>CS-ME7SD3UA</td>
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<tr>
<td>CS-ME7SD3UA</td>
</tr>
<tr>
<td>CS-ME7SD3UA</td>
</tr>
<tr>
<td>CS-ME7SD3UA</td>
</tr>
<tr>
<td>9,000 Btu/h</td>
</tr>
<tr>
<td>CS-E9SD3UAW</td>
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<td>CS-E9SD3UAW</td>
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<tr>
<td>CS-E9SD3UAW</td>
</tr>
<tr>
<td>CS-E9SD3UAW</td>
</tr>
<tr>
<td>12,000 Btu/h</td>
</tr>
<tr>
<td>CS-E12SD3UAW</td>
</tr>
<tr>
<td>CS-E12SD3UAW</td>
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<tr>
<td>CS-E12SD3UAW</td>
</tr>
<tr>
<td>CS-E12SD3UAW</td>
</tr>
</tbody>
</table>

All Multi Zone Systems require a minimum 2 indoor units installed.
When selecting Multi-Zone please consider System Capacity and Indoor Unit Combinations. See pages 35 and 36.
### SINGLE ZONE: RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS

<table>
<thead>
<tr>
<th>System Btu/h</th>
<th>Residential</th>
</tr>
</thead>
<tbody>
<tr>
<td>9,000</td>
<td>12,000</td>
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<tr>
<td>-15 Degree</td>
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<tr>
<td>30.6 SEER</td>
<td>CU-XE9SKUA</td>
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<tr>
<td>14.0 HSPF</td>
<td>CU-XE9SKUA</td>
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<tr>
<td>-5 Degree</td>
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</tr>
<tr>
<td>23.0 SEER</td>
<td>CU-E9RKUA</td>
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<tr>
<td>11.0 HSPF</td>
<td>CU-E9RKUA</td>
</tr>
<tr>
<td>Pro Series</td>
<td></td>
</tr>
<tr>
<td>16 SEER</td>
<td>CU-REYSKUA</td>
</tr>
<tr>
<td>8.5 HSPF</td>
<td>CU-REYSKUA</td>
</tr>
<tr>
<td>4-Way Ceiling 5 Degree</td>
<td></td>
</tr>
<tr>
<td>18.0 SEER</td>
<td>N/A</td>
</tr>
<tr>
<td>9.0 HSPF</td>
<td>N/A</td>
</tr>
<tr>
<td>Ducted</td>
<td></td>
</tr>
<tr>
<td>20.5 SEER</td>
<td>CU-EYSD3UA</td>
</tr>
<tr>
<td>10.0 HSPF</td>
<td>CU-EYSD3UA</td>
</tr>
<tr>
<td>4-Way Ceiling 5 Degree</td>
<td></td>
</tr>
<tr>
<td>16.7 SEER</td>
<td>U-Z6PE1U6</td>
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<tr>
<td>10.1 HSPF</td>
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<td>-5 Degree</td>
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<tr>
<td>18.0 SEER</td>
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<tr>
<td>9.5 HSPF</td>
<td>U-Z6PE1U6</td>
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<tr>
<td>-4 Degree</td>
<td></td>
</tr>
<tr>
<td>18.0 SEER</td>
<td>U-Z6PE1U6</td>
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<tr>
<td>9.0 HSPF</td>
<td>U-Z6PE1U6</td>
</tr>
<tr>
<td>SINGLE ZONE: RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS</td>
<td></td>
</tr>
</tbody>
</table>

Representative product images shown here. See product page for actual model images.

*See image of U-42PE1U6 double fan unit page 21.
## Model Feature Chart

<table>
<thead>
<tr>
<th>Feature</th>
<th>Heat Pumps</th>
<th>Low-Ambient Cooling Only</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wall Mounted</strong></td>
<td>XE9KUA</td>
<td>KE9NKUA</td>
</tr>
<tr>
<td>XE12KUA</td>
<td>KE12NKUA</td>
<td>KE14NKUA</td>
</tr>
<tr>
<td>XE15KUA</td>
<td>KE15NKUA</td>
<td>KE17NKUA</td>
</tr>
<tr>
<td><strong>ECONAVI DUAL SENSOR</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ECONAVI MONO SENSOR</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Dry Mode</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Blue Fin Condenser</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Room Freeze Protection</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Low Ambient</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Electric Expansion Valve</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>R-410A Refrigerant</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Quiet Mode</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>3M/Anti-microbial Filter</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Wall Mounted Models
- XE9KUA
- XE12KUA
- XE15KUA

### Ceiling Models
- E9RKUA
- E12RKUA
- E18RKUA
- E24RKUA

### 4-Way Cassette Models
- RE9SKUA
- RE12SKUA
- RE18SKUA
- RE24SKUA

### Ducted Models
- KE30NKU
- KE36NKU
- KS30NKUA
- KS36NKUA

### 4-Way Cassette Models
- 26PET2U6
- 36PET2U6
- 42PET2U6

### Ducted Models
- 26PEU2U6
- 36PEU2U6
- 42PEU2U6

### System Controller
- Option

### Filter Sign
- Option

### Automatic Restart Function after Power Failure
- Option

### Built-In Drain Pump
- Option

### Low Ambient
- Option

### Electric Expansion Valve
- Option

### R-410A Refrigerant
- Option

### Quiet Mode
- Option

### 3M/Anti-microbial Filter
- Option
Features

**ECONAVI Dual/Mono sensor**
Automatic sensor for energy efficiency and comfort. Adsence & Activity Detection, Area Search

**Room Freeze Protection**
Room Freeze Protection mode helps prevent plumbing damage due to sub-Freezing Temperature. This mode automatically turns on the compressor for heat pump operation if the room temperature falls to about 46°F.
*This function may not be performed if the unit is not powered, or if the unit is unable to operate such as in protection mode. Please consult with the HVAC installers or professional for details.

**Microprocessor-Controlled Operation**
Microprocessor control ensures that the temperature and humidity levels in the room are always comfortable.

**Wireless Remote Control**
Panasonic’s infrared Remote Control with and easy-to-read LCD Display, gives the user the capability to adjust & set: temperature, sweep (louver control), fan speeds, timer and more, for complete automatic operation.

**1-hour OFF Timer**
When this button is pushed either while the unit is operating or while it is stopped, the unit will operate for one hour, then switch off automatically.

**24-hour Clock with ON/OFF Program Timer**
The remote control unit allows you to set a wide variety of timer-based operations. Such functions include automatic ON/OFF with a timer setting, same time ON/OFF every day, ON timer, OFF timer and Combination timer.

**Automatic Heating and Cooling Changeover**
After setting the temperature and functions you desire, just relax. If the room temperature is higher than the set temperature, cooling operation begins. If the room temperature is lower than the set temperature, heating operation begins. During normal thermostat cycle operation, cooling and heating operations automatically change in accordance with set temperature, time and room temperature (Single Zone Heat Pump unit only).

**1-hour OFF Timer**
When this button is pushed either while the unit is operating or while it is stopped, the unit will operate for one hour, then switch off automatically.

**24-hour Clock with ON/OFF Program Timer**
The remote control unit allows you to set a wide variety of timer-based operations. Such functions include automatic ON/OFF with a timer setting, same time ON/OFF every day, ON timer, OFF timer and Combination timer.

**Hot Start Heating System**
Right from the start, air is warm and comfortable. The Hot Start Heating System prevents any cold blasts at the beginning while the heat pump is warming up (Heat pump unit only).

**Built-In Drain Pump**
Max. head 20 inches from the discharge of the indoor unit. Condensation pump is only for allowing drain line to meet minimum gravity flow requirements.

**Low Ambient**
Low Ambient heating operation models range from 5°F to -15°F

**Electric Refrigerant Control Valve**
The circulation volume of the refrigerant is controlled by a pulse type electric control valve. In order to attain optimum efficiency, when the power is switched ON, the opening degree of the electric control valve is controlled between 90 and 480 steps.

**Quiet Mode**
LOW, low fan speed for extra quiet operation.

**Filter Sign**
Filter sign informs you when filter maintenance is necessary. XE/E series with CZ-RDC516C-1

**Self-Diagnosing Function**
Units are equipped with Self-Diagnosing Function (methods are difference depending on the models). This makes it easier to diagnose malfunctions, greatly reducing service labor (Wired remote controller).

**Anti-Microbial Filter**
Anti-microbial Filter by 3M. This filter is treated to inhibit the growth of mold and mildew, and helps create clean air.

**Test Comparison**

<table>
<thead>
<tr>
<th></th>
<th>Microbial Growth Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 days</td>
<td></td>
</tr>
<tr>
<td>Anti-microbial Filter</td>
<td>No growth</td>
</tr>
<tr>
<td>Normal Filter Paper</td>
<td>60% growth</td>
</tr>
</tbody>
</table>

*Tested per ASTM G21-96

**Blue Fin Condenser**
Condensers can take a beating from exposure to salty air, rain and other corrosive factors. Panasonic has extended the life of its condensers with an original anti-rust coating. Tested for 2,000 salt spray hours.
Premium Series Wall-Mount Heat Pump

Outdoor Unit
CU-XE9SKUA / CU-XE12SKUA-1 / CU-XE15SKUA-1

Indoor Unit
CS-XE9SKUA / CS-XE12SKUA-1 / CS-XE15SKUA-1

Wireless Controller (Included)
Wired Remote Controller (CZ-RD516C-1) (Optional)

Wall Mount Heat Pumps

<table>
<thead>
<tr>
<th>Model No.</th>
<th>XE9SKUA</th>
<th>XE12SKUA-1</th>
<th>XE15SKUA-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Model No.</td>
<td>Indoor Unit</td>
<td>Outdoor Unit</td>
<td>Indoor Unit</td>
</tr>
<tr>
<td>CS-XE9SKUA</td>
<td>CU-XE9SKUA</td>
<td>CS-XE12SKUA-1</td>
<td>CU-XE12SKUA-1</td>
</tr>
</tbody>
</table>

Performance & Electrical Ratings

- **Capacity**
  - Cooling: Btu/h
    - XE9SKUA: 8,700 (2,800–12,000)
    - XE12SKUA-1: 11,500 (2,800–14,000)
    - XE15SKUA-1: 15,000 (3,300–24,000)
  - Heating: Btu/h
    - XE9SKUA: 10,900 (3,000–18,000) (10,600 at 17˚F)
    - XE12SKUA-1: 12,500 (3,000–23,000) (12,500 at 17˚F)
    - XE15SKUA-1: 17,200 (3,300–24,000) (18,200 at 17˚F)

- **Moisture Removal**
  - High: Pints/HR
    - XE9SKUA: 1.3
    - XE12SKUA-1: 2.3
    - XE15SKUA-1: 2.7
  - Low: Pints/HR
    - XE9SKUA: 0.3
    - XE12SKUA-1: 0.3
    - XE15SKUA-1: 0.3

- **Dry Air Flow**
  - High: CFM
    - XE9SKUA: 470
    - XE12SKUA-1: 520
    - XE15SKUA-1: 550
  - Low: CFM
    - XE9SKUA: 50
    - XE12SKUA-1: 50
    - XE15SKUA-1: 50

- **SEER**
  - Cooling: 30.6
  - Heating: 14.0

- **EER**
  - Cooling: 17.05
  - Heating: 12.5

- **HSPF**
  - Heating: 12.0

- **Power Supply**
  - Voltage: 230/208V, 1PH, 60Hz

- **Running Amps**
  - Cooling: A
    - XE9SKUA: 2.4 / 2.7
    - XE12SKUA-1: 3.7 / 4.1
    - XE15SKUA-1: 5.7 / 6.3
  - Heating: A
    - XE9SKUA: 3.1 / 3.5
    - XE12SKUA-1: 4.4 / 4.9
    - XE15SKUA-1: 5.9 / 6.7

- **Power Input**
  - Cooling: W
    - XE9SKUA: 510 (150–850)
    - XE12SKUA-1: 780 (150–1,050)
    - XE15SKUA-1: 1.20k (250–1.90k)
  - Heating: W
    - XE9SKUA: 670 (150–1,650)
    - XE12SKUA-1: 950 (150–2,100)
    - XE15SKUA-1: 1.30k (200–2.65k)

- **Base Pan Heater**
  - W
    - XE9SKUA: 80
    - XE12SKUA-1: 80
    - XE15SKUA-1: 80

- ** Fuse or Circuit Breaker Capacity**
  - A
    - XE9SKUA: 15
    - XE12SKUA-1: 20
    - XE15SKUA-1: 25

Features

- **Controls**
  - Microprocessor
  - Low Ambient Control
  - Wireless Controller
  - Fan Speeds
  - Timer
  - Air Deflection
  - Air Filter
  - Refrigerant
  - Refrigerant control
  - Operation Sound
  - Refrigerant Piping
  - Refrigerant Pipe Length
  - Elevation Difference*

- **Dimensions & Weight**

Important: You must use refrigerant piping rated for R410a.
The latest breakthrough in energy efficiency and high performance.

**Powerful Heating at Low Ambient Temperatures**
Operational heat capacity down to -15°F provides heating in extreme cold climate regions.

**Prevent Freezing Maintain Efficiency**
Base Pan Heater is included with XE models and operates during defrost cycle to prevent frozen condensate. Multiple drain holes to prevent frozen condensate build up.

**Room Freeze Protection**
Prevents plumbing damage due to sub-freezing temperatures. Automatically turns on compressor for heat pump operation if the room temperature falls below 46°F.

**High Energy Efficiency up to 30.6 SEER, 14.0 HSPF**
XE series are among the highest cooling and heating efficient models in the industry. Thanks to this exceptional performance, you will enjoy even more comfort and cost savings.

**Automatically Sense Room Condition and Optimize Operation**
ECONAVI’s Intelligent Dual Sensor monitors absence, activity level and activity location to direct energy-efficient conditioned air for ultimate comfort.

**Inverter Technology**
Panasonic inverter technology provides optimum power control and extremely efficient operation by modulating the compressor capacity. The result is efficient and flexible operation using less electricity.
### Deluxe Series Wall-Mount Heat Pump

**Wall Mounted Heat Pump**

Cooling only operation may be configured during installation.

*Important: You must use refrigerant piping rated for R410a.

*This is maximum elevation difference when the indoor unit is located above the outdoor unit. See p.45 for additional information.

<table>
<thead>
<tr>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-E9RKUAW / CS-E12RKUAW</td>
<td>CU-E9RKUA / CU-E12RKUA</td>
</tr>
<tr>
<td>CS-E18RKUAW / CS-E24RKUAW</td>
<td>CU-E18RKUA / CU-E24RKUA</td>
</tr>
</tbody>
</table>

#### Pipe diameters listed below are for single zone only. Multi zone pipe diameters on page 45.

<table>
<thead>
<tr>
<th>E9RKUA</th>
<th>E12RKUA</th>
<th>E18RKUA</th>
<th>E24RKUA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Model No.</strong></td>
<td><strong>Unit Model No.</strong></td>
<td><strong>Indoor Unit</strong></td>
<td><strong>Outdoor Unit</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>E9RKUA</strong></td>
<td><strong>CU-E9RKUA</strong></td>
</tr>
<tr>
<td><strong>Performance &amp; Electrical Ratings</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooling Btu/h</td>
<td>9,000 (4,100–10,200)</td>
<td>11,500 (4,100–13,300)</td>
<td>17,200 (5,800–19,800)</td>
</tr>
<tr>
<td>Heating Btu/h</td>
<td>12,000 (4,100–14,100)</td>
<td>13,800 (4,100–16,300)</td>
<td>21,600 (5,800–22,000)</td>
</tr>
<tr>
<td><strong>Moisture Removal</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High Pints/H</td>
<td>1.3</td>
<td>1.7</td>
<td>3.0</td>
</tr>
<tr>
<td><strong>Dry Air Flow</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High CFM</td>
<td>425</td>
<td>450</td>
<td>670</td>
</tr>
<tr>
<td><strong>SEER</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooling</td>
<td>23.0</td>
<td>22.5</td>
<td>19.5</td>
</tr>
<tr>
<td>EER</td>
<td>13.0</td>
<td>12.5</td>
<td>13.2</td>
</tr>
<tr>
<td>HSPF</td>
<td>11.0</td>
<td>11.0</td>
<td>10.0</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>V, Phase, Hz</td>
<td>230/208V, 1PH, 60Hz</td>
<td>230/208V, 1PH, 60Hz</td>
<td>230/208V, 1PH, 60Hz</td>
</tr>
<tr>
<td><strong>Running Amps</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooling</td>
<td>3.2 / 3.6</td>
<td>4.2 / 4.7</td>
<td>6.3 / 7.0</td>
</tr>
<tr>
<td>Heating</td>
<td>5.1 / 5.7</td>
<td>5.6 / 6.3</td>
<td>8.3 / 9.3</td>
</tr>
<tr>
<td><strong>Power Input</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooling W</td>
<td>690 (250–850)</td>
<td>920 (250–1,150)</td>
<td>1,300 (430–1,600)</td>
</tr>
<tr>
<td>Heating W</td>
<td>1,120 (200–1,500)</td>
<td>1,250 (200–1,710)</td>
<td>1,750 (380–1,800)</td>
</tr>
<tr>
<td><strong>Anti Microbial Filter</strong></td>
<td>Washable</td>
<td>Washable</td>
<td>Washable</td>
</tr>
<tr>
<td><strong>Refrigerant</strong></td>
<td>R-410A</td>
<td>R-410A</td>
<td>R-410A</td>
</tr>
<tr>
<td><strong>Dimensions &amp; Weight</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Indoor Unit</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Outdoor Unit</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Depth</strong></td>
<td>8-9/16</td>
<td>8-9/16</td>
<td>8-9/16</td>
</tr>
<tr>
<td><strong>Net Weight</strong></td>
<td>24.0</td>
<td>24.0</td>
<td>24.0</td>
</tr>
</tbody>
</table>
Pro Series Wall-Mount Heat Pump

**Wired controller not available for Pro Series.**

**Wall Mount Heat Pumps**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>RE9SKUA</th>
<th>RE12SKUA</th>
<th>RE18SKUA</th>
<th>RE24SKUA</th>
</tr>
</thead>
<tbody>
<tr>
<td>RE9SKUA/RE12SKUA</td>
<td>CS-RE9SKUA</td>
<td>CU-RE9SKUA</td>
<td>CS-RE12SKUA</td>
<td>CU-RE12SKUA</td>
</tr>
<tr>
<td>RE18SKUA/RE24SKUA</td>
<td>CS-RE18SKUA</td>
<td>CU-RE18SKUA</td>
<td>CS-RE24SKUA</td>
<td>CU-RE24SKUA</td>
</tr>
</tbody>
</table>

### Performance & Electrical Ratings

<table>
<thead>
<tr>
<th>Function</th>
<th>RE9SKUA</th>
<th>RE12SKUA</th>
<th>RE18SKUA</th>
<th>RE24SKUA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity Cooling</td>
<td>9,000 (4,100–10,200)</td>
<td>12,000 (4,100–13,300)</td>
<td>17,200 (5,800–18,000)</td>
<td>22,000 (5,800–23,000)</td>
</tr>
<tr>
<td>Heating</td>
<td>10,900 (4,100–14,100)</td>
<td>12,000 (4,100–16,300)</td>
<td>18,000 (5,800–20,800)</td>
<td>22,000 (5,800–25,400)</td>
</tr>
<tr>
<td>Moisture Removal</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>Dry Air Flow</td>
<td>425</td>
<td>490</td>
<td>670</td>
<td>670</td>
</tr>
<tr>
<td>SEER</td>
<td>16.0</td>
<td>16.0</td>
<td>16.0</td>
<td>16.0</td>
</tr>
<tr>
<td>EER</td>
<td>10.45</td>
<td>10.4</td>
<td>16.0</td>
<td>16.0</td>
</tr>
<tr>
<td>Power Supply</td>
<td>230 / 208V, 1PH, 60Hz</td>
<td>230 / 208V, 1PH, 60Hz</td>
<td>230 / 208V, 1PH, 60Hz</td>
<td>230 / 208V, 1PH, 60Hz</td>
</tr>
<tr>
<td>Running Amps</td>
<td>4.2 / 3.8</td>
<td>5.5 / 5.0</td>
<td>7.0 / 6.3</td>
<td>11.7 / 10.5</td>
</tr>
<tr>
<td>Heating</td>
<td>4.6 / 4.2</td>
<td>4.5 / 4.0</td>
<td>6.9 / 6.2</td>
<td>8.8 / 7.9</td>
</tr>
<tr>
<td>Power Input</td>
<td>680 (208V-1,300)</td>
<td>730 (208V-1,300)</td>
<td>1,040 (208V-1,900)</td>
<td>1,350 (208V-2,450)</td>
</tr>
<tr>
<td>Back-up Heater</td>
<td>kW</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Fuse or Circuit Breaker Capacity</td>
<td>A</td>
<td>15</td>
<td>15</td>
<td>20</td>
</tr>
</tbody>
</table>

### Features

- Controls: Microprocessor
- Low Ambient Control: Built-in
- Wireless Remote Controller: Optional
- Fan Speeds: 5 Speed + Auto
- Air Deflection: Vertical
- Air filter: Washable
- Refrigerant: R-410A
- Refrigerant control: Electric Expansion Valve
- Operation Sound: In (Hi / Me / Lo) dB-A 43 / 35 / 32
- Outdoor (Hi) dB-A 49
- Refrigerant Piping Type: Flare
- Refrigerant Pipe Length: Ft. Max. 49.2
- Dimensions & Weight
  - Indoor Unit
    - Height: 11-7/16
    - Width: 34-9/32
    - Depth: 8-7/16
    - Net Weight: 20.0
  - Outdoor Unit
    - Height: 27-3/8
    - Width: 30-23/32
    - Depth: 11-13/32
    - Net Weight: 75.0

Important: You must use refrigerant piping rated for R410a.

*This is maximum elevation difference when the indoor unit is located above the outdoor unit. See p.45 for additional information.*
## Wall-Mounted Heat Pumps

### 26PEK2U6
- **Indoor Unit:** S-26PK2U6 (Optional)
- **Outdoor Unit:** U-26PE1U6

### KE30NKU / KE36NKU
- **Indoor Unit:** CS-KE30NKU / CS-KE36NKU (Included)
- **Outdoor Unit:** CU-KE30NKU / CU-KE36NKU (Included)

#### Cooling Only: 26PEK2U6 may be field configured for cooling only.

### Model No. 26PEK2U6 KE30NKU KE36NKU

<table>
<thead>
<tr>
<th>Unit Model No.</th>
<th>Model No.</th>
<th>Indoor Unit</th>
<th>Indoor Unit</th>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
<th>Outdoor Unit</th>
<th>Outdoor Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Model No.</td>
<td>26PEK2U6</td>
<td>S-26PK2U6</td>
<td>U-26PE1U6</td>
<td>CS-KE30NKU</td>
<td>CU-KE30NKU</td>
<td>CU-KE30NKU</td>
<td>CU-KE30NKU</td>
</tr>
<tr>
<td>Performance &amp; Electrical Ratings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capacity</td>
<td>Cooling</td>
<td>Btu/h</td>
<td>24,000 (9,500–24,000)</td>
<td>30,600 (10,900–30,600)</td>
<td>34,000 (10,900–34,000)</td>
<td>36,880 (11,880–36,880)</td>
<td></td>
</tr>
<tr>
<td>Heating</td>
<td>Btu/h</td>
<td>27,600 (8,000–27,600)</td>
<td>33,000 (14,000–33,000)</td>
<td>36,000 (14,000–36,000)</td>
<td>36,880 (11,880–36,880)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moisture Removal</td>
<td>High</td>
<td>Pints/H</td>
<td>5.7</td>
<td>9.57</td>
<td>10.64</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dry Air Flow</td>
<td>Hi / Med / Low</td>
<td>CFM</td>
<td>630 / 530 / 412</td>
<td>630 / 530 / 412</td>
<td>630 / 530 / 412</td>
<td></td>
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</tr>
<tr>
<td>SEER</td>
<td>Cooling</td>
<td>16.7</td>
<td>16</td>
<td>16</td>
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<td>EER</td>
<td>Cooling</td>
<td>9.3</td>
<td>8.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HSPF</td>
<td>Heating</td>
<td>10.1</td>
<td>9.0</td>
<td>9.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
<td>V, Phase, Hz</td>
<td>230V / 208V, 1PH, 60Hz</td>
<td>230V / 208V, 1PH, 60Hz</td>
<td>230V / 208V, 1PH, 60Hz</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Running Amps</td>
<td>Cooling</td>
<td>A</td>
<td>15.0 / 16.6</td>
<td>16.5 (5–16.5) / 18.0</td>
<td>20 (5–20) / 21.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heating</td>
<td>A</td>
<td>13.2 / 14.6</td>
<td>15.3 (4.5–15.3) / 16.3</td>
<td>18.2 (4.5–18.2) / 19.9</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Power Input</td>
<td>Cooling</td>
<td>W</td>
<td>2,820 / 2,820</td>
<td>3,290</td>
<td>4,000</td>
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<td>Heating</td>
<td>W</td>
<td>2,490 / 2,490</td>
<td>3,070</td>
<td>3,650</td>
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<tr>
<td>Back-up Heater</td>
<td>kW</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td></td>
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<tr>
<td>Fuse or Circuit Breaker</td>
<td>Capacity</td>
<td>A</td>
<td>15</td>
<td>30</td>
<td>35</td>
<td>45</td>
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<tr>
<td>Features</td>
<td>Controls</td>
<td>Microprocessor</td>
<td>Microprocessor</td>
<td>Microprocessor</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Low Ambient Control</td>
<td>Built-in</td>
<td>0˚F</td>
<td>Built-in</td>
<td>0˚F</td>
<td>Built-in</td>
<td>0˚F</td>
<td></td>
</tr>
<tr>
<td>Wireless Remote Controller</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
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<td></td>
</tr>
<tr>
<td>Wired Remote Controller (Optional)</td>
<td>CZ-RTC4</td>
<td>CZ-RC515UA</td>
<td>CZ-RTC5A</td>
<td>CZ-RC515UA</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fan Speeds</td>
<td>3 speeds</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Vertical</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Air Filter</td>
<td>Washable</td>
<td>Washable</td>
<td>Washable</td>
<td>Washable</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Refrigerant</td>
<td>R-410A</td>
<td>R-410A</td>
<td>R-410A</td>
<td>R-410A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refrigerant control</td>
<td>Electric Expansion Valve</td>
<td>Electric Expansion Valve</td>
<td>Electric Expansion Valve</td>
<td>Electric Expansion Valve</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operation Sound</td>
<td>In Hi / Med / Lo / Qt</td>
<td>dB-A</td>
<td>47 / 44 / 39 / 32</td>
<td>47 / 44 / 39 / 32</td>
<td>47 / 44 / 39 / 32</td>
<td>47 / 44 / 39 / 32</td>
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<tr>
<td>Outdoor Unit</td>
<td>dB-A</td>
<td>55</td>
<td>55</td>
<td>55</td>
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<td></td>
<td></td>
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<tr>
<td>Refrigerant Piping</td>
<td>Type</td>
<td>Flare</td>
<td>Flare</td>
<td>Flare</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discharge</td>
<td>inches</td>
<td>3/8</td>
<td>3/8</td>
<td>3/8</td>
<td></td>
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<tr>
<td>Suction</td>
<td>inches</td>
<td>5/8</td>
<td>5/8</td>
<td>5/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refrigerant Pipe Length</td>
<td>FL</td>
<td>Max. 106</td>
<td>Max. 106</td>
<td>Max. 106</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Simulate Difference*</td>
<td>Outdoor Above</td>
<td>FL</td>
<td>Max. 106</td>
<td>Max. 106</td>
<td>Max. 106</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions &amp; Weight</td>
<td>Indoor Unit</td>
<td>Outdoor Unit</td>
<td>Indoor Unit</td>
<td>Outdoor Unit</td>
<td>Indoor Unit</td>
<td>Outdoor Unit</td>
<td></td>
</tr>
<tr>
<td>Width</td>
<td>inches</td>
<td>43-15/16</td>
<td>37</td>
<td>43-15/16</td>
<td>37</td>
<td>43-15/16</td>
<td>37</td>
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<tr>
<td>Net Weight</td>
<td>Lbs.</td>
<td>32.0</td>
<td>128.0</td>
<td>32.0</td>
<td>185.0</td>
<td>32.0</td>
<td>185.0</td>
</tr>
</tbody>
</table>

---

Important: You must use refrigerant piping rated for R410a.  
*This is maximum elevation difference when the indoor unit is located above the outdoor unit. See p.45 for additional information.
### Wall-Mount Air Conditioners

**Low Ambient Models**

#### KS30NKUA** / KS36NKUA**

**Indoor Unit**
- CS-KS30NKU / CS-KS36NKU

**Outdoor Unit**
- CU-KS30NKUA / CU-KS36NKUA

**Wireless Remote Controller**
- CZ-RDS15U controller

**Wired Remote Controller**
- CZ-RC515UA wire harness

**Performance & Electrical Ratings**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooling Btu/h</td>
<td>30,600 (10,900–30,600)</td>
<td>34,000 (10,900–34,000)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heating Btu/h</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>Moisture Removal</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>High Pints/H</td>
<td>9.57</td>
<td>10.64</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>Dry Air Flow</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>High Hi / Med / Low CFM</td>
<td>630 / 530 / 412</td>
<td>630 / 530 / 412</td>
<td></td>
<td></td>
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<tr>
<td><strong>SEER</strong></td>
<td>16.0</td>
<td>16.0</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>EER</strong></td>
<td>9.3</td>
<td>8.5</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>HSPF</strong></td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>V, Phase, Hz</td>
<td>208 / 230V, 1PH, 60Hz</td>
<td>208 / 230V, 1PH, 60Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Running Amps</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooling A</td>
<td>16.5 / 18</td>
<td>20 / 21.9</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Heating A</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>Power Input</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cooling W</td>
<td>2,276</td>
<td>4,000</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Heating W</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>Back-up Heater kW</strong></td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>Fuse or Circuit Breaker Capacity</strong></td>
<td>A</td>
<td>---</td>
<td>35</td>
<td>45</td>
</tr>
</tbody>
</table>

#### Features

- **Controls**
  - Microprocessor
- **Low Ambient Control**
  - Built-in 0˚F
- **Wireless Remote Controller**
  - Included (Optional)
- **Fan Speeds**
  - HI / Med / Lo & Auto
- **Timer**
  - 1-hr OFF and 24-hr Program
- **Air Deflection**
  - Horizontal Manual
  - Vertical Automatic
- **Air Filter**
  - Washable
- **Refrigerant**
  - R-410A
- **Refrigerant Control**
  - Electric Expansion Valve
- **Operation Sound**
  - dB-A
  - In (HI / Med / Lo / Off)
  - Outdoor (HI)
- **Refrigerant Piping**
  - Type Flare
  - Discharge inches 5/8
  - Section inches 5/8
  - **Refrigerant Pipe Length**
  - FL Max. 164
  - Max. 16
- **Elevation Difference**
  - Outdoor Above FL Max. 164
  - Max. 16
  - Outdoor Below FL Max. 30

#### Dimensions & Weight

<table>
<thead>
<tr>
<th>Feature</th>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Height</strong> (inches)</td>
<td>31-3/16</td>
<td>35-3/16</td>
<td>31-3/16</td>
<td>35-3/16</td>
</tr>
<tr>
<td><strong>Width</strong> (inches)</td>
<td>37-3/4</td>
<td>41-5/16</td>
<td>37-3/4</td>
<td>41-5/16</td>
</tr>
<tr>
<td><strong>Depth</strong> (inches)</td>
<td>9-7/16</td>
<td>13-3/8</td>
<td>9-7/16</td>
<td>13-3/8</td>
</tr>
<tr>
<td><strong>Net Weight</strong> (lbs)</td>
<td>20</td>
<td>30</td>
<td>20</td>
<td>30</td>
</tr>
</tbody>
</table>

---

**Important:** You must use refrigerant piping rated for R410a.

*This is maximum elevation difference when the indoor unit is located above the outdoor unit. See p.45 for additional information.*

**Not for sale in CA, AZ, NV and NM.**
Ceiling Heat Pumps

26PET2U6 / 36PET2U6 / 42PET2U6

Indoor Unit
S-26PT2U6 / S-36PT2U6 / S-42PT2U6

Outdoor Unit
U-26PE1U6
U-36PE1U6

Outdoor Unit
U-42PE1U6

Cooling Only: Unit may be field configured for cooling only.

Application Example

The ceiling-mounted unit is equipped with a highly efficient, multi-blade centrifugal fan that generates a powerful, yet gentle airflow throughout the room.

A redesigned aerodynamically tested louver structure minimizes operational sound even at high fan speed.
Auto-Louver Function Provides Airflow During Heating or Cooling Operation.

Auto-louver function is a standard feature which provides optimum airflow during heating or cooling operation. Angle of louver is automatically set for heating or cooling. For example, when heating with fan speed set to low, the discharge is aimed downward so that warm air reaches the floor. The louver angle can be set to swing automatically from F1 to F5 in any operation mode (heat pump type only).

Fresh Air Intake Capability and Duct Extension

Ceiling-suspended models have the capability of bringing fresh air from outside using an air-intake duct (field supplied).

### Performance & Electrical Ratings

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Heating</th>
<th>Cooling</th>
<th>High Pints/H</th>
<th>5.3</th>
<th>6.5</th>
<th>8.4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refrigerant Piping Type</td>
<td>Flare</td>
<td>Flare</td>
<td>Flare</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discharge inches</td>
<td>3/8</td>
<td>3/8</td>
<td>3/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suction inches</td>
<td>5/8</td>
<td>5/8</td>
<td>5/8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refrigerant Pipe Length Ft. Max.</td>
<td>165</td>
<td>165</td>
<td>165</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elevation Difference* Outdoor Above Ft. Max.</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elevator Difference* Outdoor Below Ft. Max.</td>
<td>50</td>
<td>50</td>
<td>50</td>
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### Dimensions & Weight

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Weight lbs.</td>
<td>73.0</td>
<td>128.0</td>
<td>88.0</td>
<td>143.0</td>
<td>88.0</td>
<td>220.0</td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*This is maximum elevation difference when the indoor unit is located above the outdoor unit. (Refer to the table on the back of the catalog)
**4-Way Cassette Heat Pumps**

**E12RB4U / E18RB4U**

**Indoor Unit**
- CS-E12RB4UW
- CS-E18RB4UW

*Grille not included. Sold separately.

**Grille Assembly**
- CZ-BT20U (Order separately)

**Outdoor Unit**
- CU-E12RB4U
- CU-E18RB4U

---

### 4-Way Cassette Heat Pumps

<table>
<thead>
<tr>
<th>Model No.</th>
<th>E12RB4U</th>
<th>E18RB4U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor Unit</td>
<td>CS-E12RB4UW</td>
<td>CU-E12RB4U</td>
</tr>
<tr>
<td>Outdoor Unit</td>
<td>CU-E12RB4U</td>
<td>CU-E18RB4U</td>
</tr>
</tbody>
</table>

#### Performance & Electrical Ratings

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Btu/h</th>
<th>Btu/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling</td>
<td>11,900 (4,100–13,100)</td>
<td>17,500 (4,400–18,700)</td>
</tr>
<tr>
<td>Heating</td>
<td>13,600 (4,100–16,300)</td>
<td>20,400 (4,400–21,000)</td>
</tr>
</tbody>
</table>

**Moisture Removal**
- High: 4.1 / 6.1
- Low: 1.8 / 2.5

**Power Supply**
- V, Phase, Hz: 208/230V, Single phase, 60Hz
- 208/230V, Single phase, 60Hz

**Running Amps**
- Cooling: 6.9 (1.25–7.3) / 12.5 (1.3–10.5)
- Heating: 9.1 (1.2–6.3)

**Power Input**
- Cooling: 1,150 (250–1,320) / 1,700 (250–1,850)
- Heating: 1,360 (230–1,710) / 2,340 (270–2,500)

**Features**

- Controls: Microprocessor / Microprocessor
- Low Ambient Control (for Cooling): Equipped / Equipped
- Wireless Remote Controller: Included / Included
- Wired Remote Controller (optional): CZ-RD52CU / CZ-RD52CU
- Fan Speeds: Hi/Me/Lo & Auto / Hi/Me/Lo & Auto

---

### 4-Way Cassette 24” x 24”

<table>
<thead>
<tr>
<th>Model No.</th>
<th>E12RB4U</th>
<th>E18RB4U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor Unit</td>
<td>CS-E12RB4UW</td>
<td>CU-E12RB4U</td>
</tr>
<tr>
<td>Outdoor Unit</td>
<td>CU-E12RB4U</td>
<td>CU-E18RB4U</td>
</tr>
</tbody>
</table>

#### Performance & Electrical Ratings

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Btu/h</th>
<th>Btu/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling</td>
<td>11,900 (4,100–13,100)</td>
<td>17,500 (4,400–18,700)</td>
</tr>
<tr>
<td>Heating</td>
<td>13,600 (4,100–16,300)</td>
<td>20,400 (4,400–21,000)</td>
</tr>
</tbody>
</table>

**Moisture Removal**
- High: 4.1 / 6.1
- Low: 1.8 / 2.5

**Power Supply**
- V, Phase, Hz: 208/230V, Single phase, 60Hz
- 208/230V, Single phase, 60Hz

**Running Amps**
- Cooling: 6.9 (1.25–7.3) / 12.5 (1.3–10.5)
- Heating: 9.1 (1.2–6.3)

**Power Input**
- Cooling: 1,150 (250–1,320) / 1,700 (250–1,850)
- Heating: 1,360 (230–1,710) / 2,340 (270–2,500)

**Features**

- Controls: Microprocessor / Microprocessor
- Low Ambient Control (for Cooling): Equipped / Equipped
- Wireless Remote Controller: Included / Included
- Wired Remote Controller (optional): CZ-RD52CU / CZ-RD52CU
- Fan Speeds: Hi/Me/Lo & Auto / Hi/Me/Lo & Auto

---

### 4-Way Airflow Design Sends Cool Air in All Directions

Air is returned through the center of the grille, while evenly distributing air through each of the 4 supply air openings. Installation in the center of the room provides for the greatest comfort. However, 1 or 2 supply louvers can be closed for installation near 1 wall to provide 3 or 2 way airflow. Also, by closing off 1 supply louver.

### Integrated Drain Pump

Drain pump is built into the unit to raise the condensate water up to 20” from the drain pump discharge to a gravity drain.
## 4-Way Cassette Heat Pumps

### 26PEU2U6 / 36PEU2U6 / 42PEU2U6

**Cooling Only: Unit may be field configured for cooling only.**

**Grille not included. Sold separately.**

**Order Separately:** Wireless controller or Wired controller with optional ECONAVI sensor.

### Features

- **Controls:** Microprocessor, Microprocessor, Microprocessor
- **Low Ambient Control (for Cooling):** Built-in 0°F, Built-in 0°F, Built-in 0°F
- **Wireless Remote Controller (optional):** CZ-RWSU3U, CZ-RWSU3U, CZ-RWSU3U
- **Wired Remote Controller (optional):** CZ-RTC4*, CZ-RTC4*, CZ-RTC4*
- **Fan Speeds:** Variable, Variable, Variable
- **Timer:** 7 Days / 6 Events, 7 Days / 6 Events, 7 Days / 6 Events
- **Air Deflection:** Horizontal, ---, ---
- **Air Filter:** Washable, Washable, Automatic
- **Refrigerant:** R-410A, R-410A, R-410A
- **Refrigerant Control:** Electric Expansion Valve, Electric Expansion Valve, Electric Expansion Valve
- **Operation Sound (in / Me / Lo):** 37 / 31 / 28, 44 / 38 / 32, 45 / 39 / 33
- **Type:** Fume, Fume, Fume
- **Discharge:** 3/8, 3/8, 3/8
- **Suction:** 5/8, 5/8, 5/8
- **Refrigerant Pipe Length:** FL Max. 165, FL Max. 165, FL Max. 165
- **Elevation Difference:** Outdoor Above FL Max. 100, Outdoor Below FL Max. 50, Outdoor FL Max. 50
- **Dimensions & Weight:** Indoor Unit Outdoor Unit Indoor Unit Outdoor Unit Indoor Unit Outdoor Unit

### Performance & Electrical Ratings

<table>
<thead>
<tr>
<th>Model No.</th>
<th>26PEU2U6</th>
<th>36PEU2U6</th>
<th>42PEU2U6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit No.</td>
<td>Indoor Unit</td>
<td>Outdoor Unit</td>
<td>Indoor Unit</td>
</tr>
<tr>
<td>Indoor Unit</td>
<td>26PEU2U6</td>
<td>26PEU2U6</td>
<td>26PEU2U6</td>
</tr>
<tr>
<td>Outdoor Unit</td>
<td>S-26PU2U6</td>
<td>S-36PU2U6</td>
<td>S-42PU2U6</td>
</tr>
<tr>
<td>Grille Assembly</td>
<td>CZ-36KPU3U</td>
<td>CZ-36KPU3U</td>
<td>CZ-36KPU3U</td>
</tr>
<tr>
<td><strong>Performance &amp; Electrical Ratings</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td>24,800 (9,500–24,800)</td>
<td>32,600 (9,500–32,600)</td>
<td>39,000 (14,000–39,000)</td>
</tr>
<tr>
<td><strong>Moisture Removal High</strong></td>
<td>4.6</td>
<td>4.4</td>
<td>7.1</td>
</tr>
<tr>
<td><strong>Dry Air Flow Hi / Med / Low</strong></td>
<td>777 / 600 / 494</td>
<td>1,165 / 953 / 742</td>
<td>1,236 / 999 / 777</td>
</tr>
<tr>
<td><strong>SEER Cooling</strong></td>
<td>17.2</td>
<td>16.0</td>
<td>15.6</td>
</tr>
<tr>
<td><strong>EER Cooling</strong></td>
<td>9.1</td>
<td>8.3</td>
<td>8.7</td>
</tr>
<tr>
<td><strong>HSPF Heating</strong></td>
<td>10.3</td>
<td>9.0</td>
<td>8.9</td>
</tr>
<tr>
<td><strong>Power Supply V, Phase, Hz</strong></td>
<td>230 / 208 / 1 / 60</td>
<td>230 / 208 / 1 / 60</td>
<td>230 / 208 / 1 / 60</td>
</tr>
<tr>
<td><strong>Running Amps</strong></td>
<td>14.6 / 16.1</td>
<td>18.4 / 20.3</td>
<td>23.1 / 25.5</td>
</tr>
<tr>
<td><strong>Power Input</strong></td>
<td>2,730 / 2,730</td>
<td>3,940 / 3,940</td>
<td>4,500 / 4,500</td>
</tr>
<tr>
<td><strong>Fuse or Circuit Breaker Capacity</strong></td>
<td>15</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

### Whisper-Quiet Operation

Thanks to the newly developed turbo fan and decreased resistance of the air path, one of the industry’s lowest levels of noise has been achieved.

*This is maximum elevation difference when the indoor unit is located above the outdoor unit. (Refer to the table on the back of the catalog for more detail.)
### Slim Duct Heat Pumps

**E9SD3UA / E12SD3UA / E18SD3UA**

- Low Profile Concealed Hidden in Ceiling or Floor
- Provides Heating in Winter and Cooling in Summer
- Energy Efficient DC Fan Motor
- Air Flow Adjustment Dip Switch on Indoor Circuit Board

**Built-In Drain Pump**

Drain pump is built into the unit to raise the condensate up 20 inches from the drain pump discharge.

**Pipe diameters listed below are for single zone only. Multi zone pipe diameters on page 45.**

<table>
<thead>
<tr>
<th>Model</th>
<th>Indoor Unit (order #)</th>
<th>Outdoor Unit (order #)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-E9SD3UAW</td>
<td>CU-E9SD3UA</td>
<td>CU-E12SD3UA</td>
</tr>
<tr>
<td>CS-E12SD3UAW</td>
<td>CU-E12SD3UA</td>
<td>CU-E18SD3UA</td>
</tr>
<tr>
<td>CS-E18SD3UAW</td>
<td>CU-E18SD3UA</td>
<td></td>
</tr>
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</table>

### Performance Ratings

<table>
<thead>
<tr>
<th>Model</th>
<th>Indoor Unit (order #)</th>
<th>Outdoor Unit (order #)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-E9SD3UAW</td>
<td>CU-E9SD3UA</td>
<td>CU-E12SD3UA</td>
</tr>
<tr>
<td>CS-E12SD3UAW</td>
<td>CU-E12SD3UA</td>
<td>CU-E18SD3UA</td>
</tr>
<tr>
<td>CS-E18SD3UAW</td>
<td>CU-E18SD3UA</td>
<td></td>
</tr>
</tbody>
</table>

### Features

- Wall control
- Wireless controller
- Wired remote controller (optional) CZ-RD52DU
- 5 indoor fan speeds
- 3 outdoor fan speeds
- R-410A refrigerant
- Microprocessor control
- ECONAVI Mono Sensor
- 24hr timer
- Auto-changeover
- Hot start
- Drain pump is built into the unit to raise the condensate up 20 inches from the drain pump discharge.

### Dimensions & Weight

<table>
<thead>
<tr>
<th>Indoor Unit</th>
<th>Outdoor Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>Width</td>
</tr>
<tr>
<td>7-7/8</td>
<td>29-17/32</td>
</tr>
<tr>
<td>9-1/4</td>
<td>30-23/32</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outdoor Unit</th>
<th>Indoor Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>Width</td>
</tr>
<tr>
<td>7-7/8</td>
<td>29-17/32</td>
</tr>
<tr>
<td>9-1/4</td>
<td>30-23/32</td>
</tr>
</tbody>
</table>
Concealed Duct-Medium Static Heat Pumps

26PEF2U6

Indoor Unit
S-26PF2U6
Supplies are 8” dia

Outdoor Unit
U-26PE1U6

36PEF2U6

Indoor Unit
S-36PF2U6

Outdoor Unit
U-36PE1U6

Duct Flange

4 circle duct flange (CZ-160DAF2 use with S-36PF2U6)
3 circle duct flange (CZ-90DAF2 use with S-26PF2U6)

Built-In Drain Pump

Drain pump is built into the unit to raise the condensate up 20 inches from the drain pump discharge.

Installation Example

The picture shows the standard ducting system, where air is taken in from the back of the unit. This system is useful for places that need extensive air conditioning, including conference halls, showrooms, and restaurants.

**This is maximum elevation difference when the indoor unit is located above the outdoor unit. (Refer to the table on the back of the catalog for more detail.)**
Multi-Zone Systems

Outdoor Units

-5°F Heat Operations

See following pages for outdoor models specifications and combinations.

2 Zone (1.5 Ton)
CU-2E18SBU-5

Cooling Capacity: 16,700 (7,200 - 20,000) Btu/hr.
Heating Capacity: 20,200 (7,200 - 24,600) Btu/hr.
SEER Non-Ducted 19.0 / Ducted 19.0
EER Non-Ducted 12.55 / Ducted 12.55
HSPF Non-Ducted 9.5 / Ducted 9.0
Min/Max capacity 11,000 - 21,800 Btu/hr.

2-3 Zone (1.5 Ton)
CU-3E19RBU-5

Cooling Capacity: 19,000 (6,100 - 24,800) Btu/hr.
Heating Capacity: 26,000 (5,500 - 28,400) Btu/hr.
SEER Non-Ducted 22.0 / Ducted 18.5
EER Non-Ducted 12.55 / Ducted 10.85
HSPF Non-Ducted 10.5 / Ducted 9.0
Min/Max capacity 15,300 - 30,600 Btu/hr.

2-4 Zones (2 Ton)
CU-4E24RBU-5

Cooling Capacity: 24,000 (10,200 - 31,400) Btu/hr.
Heating Capacity: 37,800 (14,300 - 48,500) Btu/hr.
SEER Non-Ducted 22.0 / Ducted 19.0
EER Non-Ducted 12.55 / Ducted 10.85
HSPF Non-Ducted 9.5 / Ducted 9.0
Min/Max capacity 15,300 - 30,600 Btu/hr.

2-5 Zones (3 Ton)
CU-5E36QBU-5

Cooling Capacity: 36,000 (9,900 - 39,000) Btu/hr.
Heating Capacity: 37,800 (11,600 - 49,500) Btu/hr.
SEER Non-Ducted 18.5 / Ducted 16.5
EER Non-Ducted 9.6 / Ducted 8.3
HSPF Non-Ducted 10.0 / Ducted 9.5
Min/Max capacity 15,300 - 59,500 Btu/hr.

All multi split condensers must have minimum two indoor units installed.
Multi-Zone Systems

Advantages of Multi-Zone Inverter System

- Year-round comfort with Multi Zone Heating & Cooling.
- Combine low-energy Inverter Technology and Ductless Zone Control for optimum energy efficiency.
- Cool and Heat 2-5 rooms or a whole house with one outdoor condenser and up to 5 ductless indoor units.
- Eliminate cost of duct installation and cleaning.

<table>
<thead>
<tr>
<th>Combination Possibilities</th>
<th>Multi Zone</th>
<th>CU-2E18SBU-5</th>
<th>CU-3E19RBU-5</th>
<th>CU-4E24RBU-5</th>
<th>CU-5E36QBU-5</th>
</tr>
</thead>
<tbody>
<tr>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
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<td>CS-MES7KUA</td>
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<td>✓</td>
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</tr>
<tr>
<td></td>
<td>CS-MES9KUA</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>CS-E12RKUA</td>
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<td>✓</td>
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<td>✓</td>
<td>✓</td>
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</tr>
<tr>
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<td>CS-G24KUA</td>
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<td>CS-G42QUA</td>
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<td>4-Way</td>
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</tr>
<tr>
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<td>CS-E12SB4U</td>
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<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>CS-E18SB4U</td>
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<td>✓</td>
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</tr>
<tr>
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<td>CS-E24SB4U</td>
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<td>Ducted</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>CS-ME7SD3U</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>CS-ME9SD3U</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
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<td>CS-E12SD3U</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>CS-E18SD3U</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>CS-E24SD3U</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Capacity range of connectable indoor units: 3.2 – 6.4 kW, 4.5 – 9.0 kW, 4.5 – 13.6 kW, 4.5 – 17.5 kW

<table>
<thead>
<tr>
<th>Piping Length</th>
<th>CU-2E18SBU-5</th>
<th>CU-3E19RBU-5</th>
<th>CU-4E24RBU-5</th>
<th>CU-5E36QBU-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 room maximum pipe length (m (ft))</td>
<td>25 (82.0)</td>
<td>25 (82.0)</td>
<td>25 (82.0)</td>
<td>25 (82.0)</td>
</tr>
<tr>
<td>Allowable elevation (m (ft))</td>
<td>15 (49.2)</td>
<td>15 (49.2)</td>
<td>15 (49.2)</td>
<td>15 (49.2)</td>
</tr>
<tr>
<td>Total allowable pipe length (m (ft))</td>
<td>50 (164.0)</td>
<td>50 (164.0)</td>
<td>70 (229.6)</td>
<td>80 (262.4)</td>
</tr>
<tr>
<td>Total pipe length for maximum chargeless length (m (ft))</td>
<td>20 (65.6)</td>
<td>30 (98.4)</td>
<td>45 (147.6)</td>
<td>45 (147.6)</td>
</tr>
<tr>
<td>Additional gas amount over chargeless length (g/m (oz/ft))</td>
<td>20 (0.2)</td>
<td>20 (0.2)</td>
<td>20 (0.2)</td>
<td>20 (0.2)</td>
</tr>
</tbody>
</table>

See Capacity and Combinations pages 35, 36
Multi-Zone Systems

Indoor Units

Wall Mount

[Image of wall mount unit]

CS-ME5RKUA / CS-ME7RKUA / CS-E9RKUAW / CS-E12RKUAW / CS-E18RKUAW / CS-E24RKUAW

4-Way Cassette

[Image of 4-way cassette unit]

CS-ME9SB4U / CS-E12RB4UW / CS-E18RB4UW

Slim Duct

[Image of slim duct unit]

CS-ME5SD3UA / CS-ME7SD3UA / CS-E9SD3UAW / CS-E12SD3UAW / CS-E18SD3UAW

All Indoor multi zone units can be field modified to operate as Cooling Only.
Important: You must use refrigerant piping rated for R410a.

**Multi-Zone Systems**

---

**Model No.**

<table>
<thead>
<tr>
<th>CS-ME8RKUAW</th>
<th>CS-ME9RKUAW</th>
<th>CS-ME12RKUAW</th>
<th>CS-ME18RKUAW</th>
<th>CS-E88RKUAW</th>
</tr>
</thead>
</table>

**Performance & Electrical Ratings**

- **Heating**
  - Btu/h: 7,500 (6,400–9,800)
  - Efficiency: 12.0/10.0 (9.0–12.0)

- **Cooling**
  - Btu/h: 8,900 (7,500–11,900)
  - Efficiency: 12.0/10.0 (9.0–12.0)

**Moisture Removal**

- High: 3.0
- Medium: 2.5
- Low: 2.0
- Quiet: 1.5

**Dry Air Flow**

- High: 475
- Medium: 460
- Low: 450

**Power Supply**

- Voltage: 208/230V, 60Hz

**Operation Sound**

- [Hi / Me / Lo / Q-Lo]

---

**Model No.**

<table>
<thead>
<tr>
<th>CS-ME9SG4U</th>
<th>CS-ME12RS4U</th>
<th>CS-ME18RS4U</th>
</tr>
</thead>
</table>

**Performance & Electrical Ratings**

- **Heating**
  - Btu/h: 5,500 (4,400–7,800)
  - Efficiency: 12.0/10.0 (9.0–12.0)

- **Cooling**
  - Btu/h: 6,900 (5,900–9,900)
  - Efficiency: 12.0/10.0 (9.0–12.0)

**Moisture Removal**

- High: 2.0
- Medium: 1.5
- Low: 1.3
- Quiet: 1.0

**Dry Air Flow**

- High: 460
- Medium: 380
- Low: 300

**Power Supply**

- Voltage: 208/230V, 60Hz

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**Pipe diameters listed below are for Multi zone installations. For Single zone pipe diameter see single zone product pages.**

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Multi-Zone Systems

-5°F Heat Operation

2 Zone (1.5 Ton) Multi-Zone System

CU-2E18SBU-5

Cooling Capacity: 16,700 (7,200 - 20,000) Btu/hr.
Heating Capacity: 20,200 (7,200 - 24,600) Btu/hr.
SEER Non-Ducted 19.0 / Ducted 19.0
EER Non-Ducted 12.55 / Ducted 12.55
HSPF Non-Ducted 9.5 / Ducted 9.0
Min/Max capacity 11,000 - 21,8000 Btu/hr.

Important: You must use refrigerant piping rated for R410a. See p. 35-36 for additional information.

Outdoor Unit

<table>
<thead>
<tr>
<th>Model No.</th>
<th>CU-2E18SBU-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance</td>
<td></td>
</tr>
<tr>
<td>Capacity</td>
<td>Btu/h</td>
</tr>
<tr>
<td>High</td>
<td>16,700 (7,200-20,000)</td>
</tr>
<tr>
<td>Air Circulation</td>
<td>CFM</td>
</tr>
<tr>
<td>High</td>
<td>1,447</td>
</tr>
<tr>
<td>Number of Connectable Indoor Units</td>
<td></td>
</tr>
<tr>
<td>SEER Non-Ducted / Ducted</td>
<td>19.0 / 19.0</td>
</tr>
<tr>
<td>EER Non-Ducted / Ducted</td>
<td>12.55 / 12.56</td>
</tr>
<tr>
<td>HSPF Non-Ducted / Ducted</td>
<td>9.5 / 9.0</td>
</tr>
<tr>
<td>Electrical Rating</td>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
<td>V, Phase, Hz</td>
</tr>
<tr>
<td>Running Ampere</td>
<td>Non-Ducted / Ducted</td>
</tr>
<tr>
<td>Power Input</td>
<td>W</td>
</tr>
<tr>
<td>Maximum Fuse Size : MCA / MOCP</td>
<td>Amps</td>
</tr>
<tr>
<td>Features</td>
<td></td>
</tr>
<tr>
<td>Controls</td>
<td>Microprocessor</td>
</tr>
<tr>
<td>Refrigerant / Amount Charged at Shipment</td>
<td>Refrigerant Type</td>
</tr>
<tr>
<td>Refrigerant Control</td>
<td>Electronic Expansion Valve</td>
</tr>
<tr>
<td>Operation Sound</td>
<td>H</td>
</tr>
<tr>
<td>Max. Allowable Tubing Length</td>
<td>FC</td>
</tr>
<tr>
<td>Refrigerant Tube Diameter</td>
<td>Discharge</td>
</tr>
<tr>
<td>(service value)</td>
<td>Suction</td>
</tr>
<tr>
<td>Adaptor Required</td>
<td>Indoor 12K Btu/hr. requires 1 CZ-MA1P-US</td>
</tr>
<tr>
<td>Dimensions &amp; Weight</td>
<td></td>
</tr>
<tr>
<td>Unit Dimensions</td>
<td>H x W x D</td>
</tr>
<tr>
<td>Net Weight</td>
<td>Lbs.</td>
</tr>
</tbody>
</table>

See Multi Zone Calculation and Selection Chart on pp. 35-36.
Multi-Zone Systems

-5°F Heat Operation

2–3 Zone (1.5 Ton)

CU-3E19RBU-5

Cooling Capacity: 19,000 (6,100 - 24,800) Btu/hr.
Heating Capacity: 26,000 (5,000 - 28,400) Btu/hr.
SEER  Non-Ducted 22.0  /  Ducted 18.5
EER   Non-Ducted 12.55 /  Ducted 10.85
HSPF  Non-Ducted 10.5 / Ducted 9.0
Min/Max capacity 15,300 - 30,600 Btu/hr.

Outdoor Unit

<table>
<thead>
<tr>
<th>Model No.</th>
<th>CU-3E19RBU-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance</td>
<td></td>
</tr>
<tr>
<td>Capacity</td>
<td>Btu/h</td>
</tr>
<tr>
<td>Cooling</td>
<td>19,000 (6,100 - 24,800)</td>
</tr>
<tr>
<td>Air Circulation</td>
<td>High CPM</td>
</tr>
<tr>
<td>Number of Connectable Indoor Units</td>
<td>2–3</td>
</tr>
<tr>
<td>SEER</td>
<td>Non-Ducted / Ducted</td>
</tr>
<tr>
<td>EER</td>
<td>Non-Ducted / Ducted</td>
</tr>
<tr>
<td>HSPF</td>
<td>Non-Ducted / Ducted</td>
</tr>
<tr>
<td>Electrical Rating</td>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
<td>V, Phase, Hz</td>
</tr>
<tr>
<td>Running Amperage</td>
<td>Non-Ducted / Ducted</td>
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<tr>
<td>Power Input</td>
<td>W</td>
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<tr>
<td>Maximum Fuse Size</td>
<td>Amps</td>
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<tr>
<td>Features</td>
<td></td>
</tr>
<tr>
<td>Controls</td>
<td>Microprocessor</td>
</tr>
<tr>
<td>Fan Speeds</td>
<td>Variable Speed</td>
</tr>
<tr>
<td>Compressor</td>
<td>Twin Rotary, DC Motor, Inverter</td>
</tr>
<tr>
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<td>R-410A / 93.2 oz</td>
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<tr>
<td>Refrigerant Control</td>
<td>Electric Expansion Valve</td>
</tr>
<tr>
<td>Operation Sound</td>
<td>Hi dB-A</td>
</tr>
<tr>
<td>Refrigerant Tubing Connections</td>
<td>Type</td>
</tr>
<tr>
<td>Max. Allowable Tubing Length</td>
<td>Ft</td>
</tr>
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<td>Refrigerant Tube Diameter</td>
<td>Discharge</td>
</tr>
<tr>
<td></td>
<td>Suction</td>
</tr>
<tr>
<td>Adaptor Required</td>
<td>Indoor 1/2 and 18 Btu/hr. require 1 CZ-MATP-US</td>
</tr>
<tr>
<td>Dimensions &amp; Weight</td>
<td></td>
</tr>
<tr>
<td>Unit Dimensions</td>
<td>H x W x D</td>
</tr>
<tr>
<td>Net Weight</td>
<td>Lbs.</td>
</tr>
</tbody>
</table>

See Multi Zone Calculation and Selection Chart on pp. 35-36.

Important: You must use refrigerant piping rated for R410a. See p. 44 for additional information.

*Test Conditions based on AHRI 210/240
Multi-Zone Systems

-5°F Heat Operation

2–4 Zones (2 Ton)

A minimum of 2 indoor units must be connected.

CU-4E24RBU-5

Cooling Capacity: 24,000 (10,200 - 31,400) Btu/hr.
Heating Capacity: 37,800 (14,300 - 48,500) Btu/hr.
SEER Non-Ducted 22.0 / Ducted 19.0
EER Non-Ducted 12.55 / Ducted 10.85
HSPF Non-Ducted 9.5 / Ducted 9.0
Min/Max capacity 15,300 - 30,600 Btu/hr.

Outdoor Unit

<table>
<thead>
<tr>
<th>Model No.</th>
<th>CU-4E24RBU-5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>Btu/h</td>
</tr>
<tr>
<td>Cooling</td>
<td></td>
</tr>
<tr>
<td>High CFP</td>
<td>1,963</td>
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<tr>
<td>Heating</td>
<td>Btu/h</td>
</tr>
<tr>
<td>High CFP</td>
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</tr>
<tr>
<td>SEER</td>
<td></td>
</tr>
<tr>
<td>Non-Ducted / Ducted</td>
<td>22.0 / 19.0</td>
</tr>
<tr>
<td>EER</td>
<td></td>
</tr>
<tr>
<td>Non-Ducted / Ducted</td>
<td>12.55 / 10.85</td>
</tr>
<tr>
<td>HSPF</td>
<td></td>
</tr>
<tr>
<td>Non-Ducted / Ducted</td>
<td>9.5 / 9.0</td>
</tr>
<tr>
<td>Power Supply</td>
<td>V, Phase, Hz</td>
</tr>
<tr>
<td>Running Ampere</td>
<td>Non-Ducted / Ducted</td>
</tr>
<tr>
<td>Power Input</td>
<td>W</td>
</tr>
<tr>
<td>Maximum Fuse Size</td>
<td>Amps</td>
</tr>
</tbody>
</table>

Important: You must use refrigerant piping rated for R410a. See p. 45 for additional information.

*Test Conditions based on AHRI 210/240

Connect 2 to 4 Indoor Units

See Multi Zone Calculation and Selection Chart on pp. 35-36.
Multi-Zone Systems

-5°F Heat Operation

2–5 Zones (3 Ton)

A minimum of 2 indoor units must be connected.

CU-5E36QBU-5

- Cooling Capacity: 36,000 (9,900 – 39,000) Btu/hr.
- Heating Capacity: 37,800 (11,600 – 49,500) Btu/hr.
- SEER Non-Ducted 18.5 / Ducted 16.5
- EER Non-Ducted 9.6 / Ducted 8.3
- HSPF Non-Ducted 10.0 / Ducted 9.5
- Min/Max capacity 15,300 - 59,500 Btu/hr.

Outdoor Unit

Model No. CU-5E36QBU-5

<table>
<thead>
<tr>
<th>Performance</th>
<th>Cooling</th>
<th>Heating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity Rated(min-max)</td>
<td>36,000 (9,900 – 39,000)</td>
<td>37,800 (11,600 – 49,500)</td>
</tr>
<tr>
<td>Air Circulation High CFM</td>
<td>2,475</td>
<td></td>
</tr>
<tr>
<td>Number of Connectable Indoor Units Non-Ducted / Ducted</td>
<td>1-6 / 10.0 / 7.5</td>
<td></td>
</tr>
<tr>
<td>SEER Non-Ducted / Ducted</td>
<td>18.5 / 16.5</td>
<td></td>
</tr>
<tr>
<td>EER Non-Ducted / Ducted</td>
<td>9.6 / 8.3</td>
<td></td>
</tr>
<tr>
<td>HSPF Non-Ducted / Ducted</td>
<td>10.0 / 9.5</td>
<td></td>
</tr>
</tbody>
</table>

Electrical Rating

- Power Supply V, Phase, Hz 230V / 208V, 1Ph, 60Hz
- Running Ampere A 19.0~17.2 / 21.1~19.1
- Power Input W 3,750 (550–3,860)
- Maximum Fuse Size Amps 30

Features

- Controls Microprocessor
- Fan Speeds Variable Speed
- Compressor Twin Rotary, DC Motor, Inverter
- Refrigerant / Amount Charged at Shipment Type/oz R-410A / 120.0 oz
- Refrigerant Control Electric Expansion Valve
- Operation Sound Hi dB-A 55
- Refrigerant Tubing Connections Type Flare
- Max. Allowable Tubing Length ft 326 per system (82 per indoor unit)
- Refrigerant Tube Diameter inches Discharge 1/4 x 5
- Suction inches
- Adaptors Required CZ-MA1P-US for 12K & 18K / CZ-MA2P for 24 Btu/hr
- Indoor Adaptor Indoor 11 and 18 Btu/hr. require 1 CZ-MA1P-US / 24 Btu/hr 1 CZ-MA1P-US and 1 CZ-MA3P-US
- Dimensions & Weight
- Unit Dimensions HxWxD x inches 39-1/2 x 27-1/2 x 13-3/4
- Net Weight lb 183

See Multi Zone Calculation and Selection Chart on pp. 35-36.

Important: You must use refrigerant piping rated for R410a. See p.45 for additional information.

*Test Conditions based on AHRI 210/240
Understanding total System Capacity is an important step in sizing and selecting heat pump equipment.

Outdoor Unit Capacity: The **System Capacity** is the Cooling and Heating Capacity listed at the top of each Outdoor unit’s specification chart.

Indoor Unit Demand: The Cooling and Heating Capacities are listed at the top of the specification chart of each Indoor Unit (see page 30). The total of these partial indoor capacities is the **System Demand**.

### CU-2E18SBU-5

<table>
<thead>
<tr>
<th>2 Zones</th>
<th>5 + 5</th>
<th>5 + 7</th>
<th>5 + 9</th>
<th>5 + 12</th>
<th>7 + 7</th>
<th>7 + 9</th>
<th>7 + 12</th>
<th>9 + 9</th>
<th>9 + 12</th>
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### CU-3E19RBU-5

<table>
<thead>
<tr>
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<th>5 + 5</th>
<th>5 + 7</th>
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<th>7 + 9</th>
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<th>9 + 9</th>
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### CU-4E24RBU-5

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### CU-4E24RBU-5

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<table>
<thead>
<tr>
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Indoor Unit Demand: The Cooling and Heating Capacities are listed at the top of the specification chart of each Indoor Unit (see page 30). The total of these partial indoor capacities is the **System Demand**.
Now let’s understand the term **Diversity**. Diversity is when the load in the conditioned space is not constant. For example the east side of a house has more direct sun and cooling load requirement in the morning and the west side has more direct sun and cooling load requirement in the afternoon.

A system sizing calculation that plans for diversity may size up to approximately 130% of indoor unit demand versus the outdoor unit’s system capacity provided that planned operating demand throughout the day never exceeds 100% of system capacity. If there is no planned diversity then the indoor unit demand should not exceed 100% of the outdoor unit capacity.

Therefore, a first step in sizing and selecting any multi-zone system is to understand the System Demand that the building requires before moving on to selecting Indoor unit combinations.
## Remote Controllers – Residential (RAC)

<table>
<thead>
<tr>
<th>Series</th>
<th>Wireless</th>
<th>Wired</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Exterios XE</strong></td>
<td>CS-XE9SKUA</td>
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</tr>
<tr>
<td></td>
<td>CS-XE12SKUA-1</td>
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</tr>
<tr>
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<td>CS-XE15SKUA-1</td>
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<tr>
<td><strong>Exterios E</strong></td>
<td>CS-ME5RKUA</td>
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<tr>
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<td>CS-ME7RKUA</td>
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<tr>
<td></td>
<td>CS-E9RKUAW</td>
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<td>CS-E12RKUAW</td>
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<td>CS-E18RKUAW</td>
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<tr>
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<td>CS-E24RKUAW</td>
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<tr>
<td><strong>Pro Series</strong></td>
<td>CS-RE9SKUA</td>
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<tr>
<td></td>
<td>CS-RE12SKUA</td>
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<td></td>
<td>CS-RE18SKUA</td>
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<tr>
<td></td>
<td>CS-RE24SKUA</td>
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</tr>
<tr>
<td><strong>Big Air</strong></td>
<td>CS-KS30NKU *CO</td>
<td>(Included)</td>
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<tr>
<td></td>
<td>CS-KS36NKUA *CO</td>
<td></td>
</tr>
<tr>
<td><strong>Slim Duct</strong></td>
<td>CS-ME5SD3UA</td>
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<td>CS-ME7SD3UA</td>
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<td></td>
<td>CS-E9SD3UAW</td>
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<td></td>
<td>CS-E12SD3UAW</td>
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<tr>
<td></td>
<td>CS-E18SD3UAW</td>
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<tr>
<td><strong>4-Way Cassette</strong></td>
<td>CS-ME9SB4U</td>
<td>(Included)</td>
</tr>
<tr>
<td></td>
<td>CS-E12RB4UW</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CS-E18RB4UW</td>
<td></td>
</tr>
</tbody>
</table>

*CO Cooling Only
Multiple Control Setting Functions for More Energy Savings

**Temperature Auto Run:** Even if you change the temperature setting, it automatically returns to the original setting after a set time. You can set temperature auto return time in 10-minute intervals within a 4-hour period.

**Temperature Setting Range:** Both Max. and Min. temperature settings can be limited. Doing this helps reduce power consumption due to over cooling or heating. Setting is possible in the Cooling, Heating and Dry modes.

**Auto Shutoff:** Air conditioning operation can be programmed to stop its operation automatically after a set time, so you don’t have to worry about forgetting to switch the unit off. Even if you manually switch the unit back on after it has stopped, the program will continue to activate and continue to switch off the operation after a set time.
Internet Connect devices remotely control a system with one or more indoor units via the cloud. An Internet Control adaptor is required for every indoor unit. Requires an internet connection and a Wi-Fi router, Control your equipment using any web browser, iOS or Android device.

| USPA-AC-WIFI-1B | RAC Residential Wired Wi-Fi Adaptor  
For compatible units, 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. A wired or wireless remote is not necessary and makes a great Lead/Lag control solution. |
| USIS-IR-WIFI-1  | RAC & PAC Residential and Light Commercial Wireless Adaptor  
This universal Internet Control infrared (IR) hub can control any RAC or PAC indoor unit with the factory wireless remote or optional wireless kit. It can be used on a table top or wall mount to send IR signals to the unit. |

All Internet Control features are included for free up to 50 indoor units. The Pro License is required to control 51 or more indoor units.

- On/Off
- Heat, Cool, Dry and Auto Modes
- Set Point Temperature
- Adjust Fan Speed
- Louver Direction (if applicable)
- Ambient Temperate
- AC Unit Error Signals, Codes and Descriptions
- Multi-lingual Interface
- Automatic Firmware Updates
- Allows Multiple Users
- Annual Schedule Up to 10 Timers and Scenes
- Multiple Home/Zone Management
- Powerful and Energy Savings Models
- Advanced User Functions
- AC Unit Error Signals, Codes and Descriptions
- Error E-mail Notifications
- User Defined Alerts

Note: Not all features are available on all indoor models
Control your home’s comfort with the smart Internet Control device via smartphones, tablet and PC and via the internet.

Offering the same functions as if you were at home or office: start/stop, mode operation, set temperature, room temperature etc. As well as the new, advanced functionality provided by internet control to achieve the best comfort and efficiency with the lowest energy consumption.

What’s Internet Control?
Internet Control is a next generation system providing a user-friendly remote control of air conditioning or heat pump units from everywhere, using a simple Android or iOS smartphone, tablet or PC via web browser.

Simple Installation
Just connect the Internet Control device to the air conditioner or heat pump with the supplied wire and then link it to your WIFI access point.

Internet Control. Easy to install. Maximum benefit
Internet Control is underlined with the slogan “Your Home in the Cloud”, meaning a simple and easy to handle solution has been considered for every user to manage the device, not requiring any communication or computer skills.

No servers. No adaptors. No wires. Just a small box is needed to be connected and placed close to the air conditioning indoor unit and your smartphone, tablet or PC.

Your existing WiFi connection does the rest when you are at home. Start the App from your smartphone device, your tablet or your computer, and enjoy a new experience in comfort. And if you are out of town, just launch the App, and manage the air conditioning of your home from the cloud.

An intuitive and user-friendly interface that lets you manage your air conditioning unit in the same way you do with the remote controller at home. Internet control can be downloaded in from the AppStore or PlayStore.
**BACnet Integration**

**BACnet IP and MSTP Controller. Requires (1) device per indoor unit.**

<table>
<thead>
<tr>
<th>Device Code</th>
<th>Device Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>USPA-AC-BAC-1</td>
<td>RAC Residential BACnet Controller</td>
<td>This is a BACnet over IP or MSTP device. Configured using external dip switches. Includes an HTML based interface that can be used for additional control and BACnet network settings.</td>
</tr>
<tr>
<td>USPA-RC2-BAC-1</td>
<td>PAC Residential &amp; Light Commercial BACnet Controller</td>
<td>This is a BACnet over IP or MSTP device capable of monitoring and controlling all generations of PACi, ECOi and ECOi EX units. Configured using external dip switches. Includes an HTML based interface that can be used for additional control and BACnet network settings.</td>
</tr>
<tr>
<td>USPA-AC-BAC-128</td>
<td>PAC Residential &amp; Light Commercial BACnet Controller</td>
<td>This is a BACnet over IP server device capable of monitoring and controlling PACi, ECOi and ECOi EX systems. Up to 128 indoor units and 10 refrigerant circuits can be integrated (up to 30 PACi systems). Auto-Discover feature detects connected Panasonic equipment for easy setup and integration. Setup and control via Ethernet port to access GUI.</td>
</tr>
<tr>
<td>CZ-CFUNC1U</td>
<td>USPA-AC-BAC-128 controller requires (1) Communication Adaptor (CZ-CFUNC1U)</td>
<td></td>
</tr>
</tbody>
</table>

The USPA-AC-BAC-1, USPA-RC2-BAC-1 and USPA-AC-BAC-128 all feature occupied/unoccupied heat and cool set points for reduced programming time and greater energy efficiency.

**Global and Individual Operation/Setting Objects**
- All On/Off
- On/Off
- Mode
- Setpoint
- Fan Speed
- Air Direction (n/a for ducted units)
- Filter Sign Reset
- Prohibit Thermostat Functions
- Occupied/Unoccupied All
- Occupied/Unoccupied Cool Setpoints
- Occupied/Unoccupied Heat Setpoints
- Run Time Consumption Reset
- ECONAVI-Human detection (if available)

**Global and Individual Monitor/Status Objects**
- On/Off
- Mode
- Setpoint
- Fan Speed
- Air Direction (n/a for ducted units)
- Space Temperature
- Prohibit Thermostat Functions
- Filter Sign Reset
- Unit and System Error Codes
- CZ-CFUNC1U Error Codes (BAC-128)
- Occupied/Unoccupied Mode
- Today, Yesterday and Total Run Time Consumption

Note: Not all features are available on all indoor models
LonWorks Integration

**CZ-CLNC1U**

The CZ-CLNC1U LonWorks Interface can control up to 16 indoor units. Monitors and controls all generations of PACi, ECOi and ECOi EX systems. Connects directly into the communication bus and is field-configured via dip switches.

The CZ-CLNC1U offers the following setting and monitoring objects. Some Objects are not available on all indoor models.

**Indoor Unit Operation/Setting Objects**
- On/Off
- Mode
- Setpoint
- Fan Speed
- Air Direction (n/a for Ducted Units)

**Indoor Unit Monitor/Status Objects**
- On/Off
- Mode
- Setpoint
- Fan Speed
- Air Direction
- Space Temperature
- Unit and System Error Codes

RAC Connectivity to PACi, ECOi and ECOi EX

**CZ-CAPRA1**

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. Panasonic room air conditioners equipped with the CN-CNT terminal are supported.

**Features:** The following operations from the central control device can be performed
- Operations to start/stop the room AC, switch to operation mode, and set the temperature, fan speed and fan direction (up/down).
- Monitor the operation status and abnormality of room air conditioner.
- Prohibiting the remote control operation of room air conditioner.
- Using On/Off contact of external connection can start/stop the room air conditioner, prohibit/permit the remote control operation, and perform emergency stop. A coin timer or card key can also be contacted.
- Retrieving the operation signal of abnormal signal of room air conditioner. (An external power source (DC12V) is separately required.)
<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
<th>Use With</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RAC Wired Controllers</strong></td>
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<td></td>
</tr>
<tr>
<td>CZ-RD51AC-1</td>
<td>Wired Remote (for Wall Mount)</td>
<td>XE9SKUA, XE12SKUA, XE15SKUA, E9RKUA, E12RKUA, E18RKUA, E24RKUA, E9NKUA, E12NKUA, E18NKUA, E24NKUA,</td>
</tr>
<tr>
<td>CZ-RD52CU</td>
<td>Wired Remote Controller (4-Way Ceiling Recessed)</td>
<td>4-Way Ceiling Recessed: E**RB4U</td>
</tr>
<tr>
<td>CZ-RD52DU</td>
<td>Wired Remote Controller (4-Way Ceiling Recessed)</td>
<td>Slim Duct: E**SD30U</td>
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<tr>
<td><strong>KE &amp; KS Wired Controllers</strong></td>
<td></td>
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<tr>
<td>CZ-RD515U</td>
<td>Wired Controller</td>
<td>All KE, KS and MKE Models</td>
</tr>
<tr>
<td>CZ-RC515UA</td>
<td>Wire Harness (required with CZ-RD515U)</td>
<td>PCB Wire Kit for CZ-RD515U. Required for use with KE, KS 30 &amp; 36 Models</td>
</tr>
<tr>
<td><strong>PAC Wireless Controllers</strong></td>
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</tr>
<tr>
<td>CZ-RWSK1U</td>
<td>Wireless Controller</td>
<td>Concealed Duct: S-26/36/42PF1U6, S-26/36/42PF2U6 (Included with Wall S-2APK2U6)</td>
</tr>
<tr>
<td>CZ-RWSHC3</td>
<td>Receiver (Controller &amp; Receiver ordered separately)</td>
<td>Concealed Duct: S-26/36/42PF1U6, S-26/36/42PF2U6</td>
</tr>
<tr>
<td>CZ-RWSU3U</td>
<td>Wireless Controller</td>
<td>4-Way Ceiling Recessed: S-26/36/42PF2U6 (for *2U6 models)</td>
</tr>
<tr>
<td>CZ-RWST2U</td>
<td>Wireless Controller</td>
<td>Ceiling Suspended: S-26/36/42PF2U6 (for *206 models)</td>
</tr>
<tr>
<td><strong>PAC Wired Controllers</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CZ-RTC5A*</td>
<td>Wired High-Spec Remote</td>
<td>Wall Mount: 26PK1U6, 26PK2U6</td>
</tr>
<tr>
<td>CZ-RTC4*</td>
<td>Wired Programmable Timer Remote</td>
<td>4-Way Ceiling Cassette: 26/36/42PU1U6, 26/36/42PU2U6</td>
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<tr>
<td>CZ-CENSC1*</td>
<td>ECONAVI Sensor (*Optional with CZ-RTC5 or CZ-RTC4)</td>
<td>Suspended: 26/24/42PT1U6, 26/24/42PT2U6</td>
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<tr>
<td>CZ-RE1C2</td>
<td>Wired Simplified Remote</td>
<td>Concealed Duct: 26/26/42PF1U6, 26/26/42PF2U6</td>
</tr>
<tr>
<td>CZ-64SMC2U</td>
<td>Wired System Controller</td>
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<tr>
<td><strong>Interface Controls</strong></td>
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</tr>
<tr>
<td>USPA-AC-WIFI-1B</td>
<td>WIFI Interface for RAC (XE models, E9/E12NKUAW)</td>
<td>XE models, E9/12NKUAW, S9/12NKU, ME7RKUA, ME7RKUA, E**RKUAW, E12/18RB4UW</td>
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<tr>
<td>USPA-RC2-WIFI-1</td>
<td>WIFI Interface for PAC &amp; ECOi</td>
<td>All 26,000 – 42,000 BTU/h Models, except KS30/36NKU and KE 30/36NKU</td>
</tr>
<tr>
<td>USIS-IR-WIFI-1</td>
<td>WIFI Interface for RAC</td>
<td>S18/24NKUA, E18/24NKUA, S9/12NKUW-1, S18/22NKU-1, KS12NB4i, KS18NB4iUW, MKE<strong>NB4U, MKE</strong>NB4U, MKE**NB4U, KE18NB4UW, KS30/36NKU, KE30/36NKU</td>
</tr>
<tr>
<td>USPA-AC-BAC-1</td>
<td>BACnet Interface for RAC (XE / E**NKUAW Series)</td>
<td>All XE, E9/12NKUAW, S9/12NKU, ME7RKUA, ME7RKUA, E**RKUAW, E12/18RB4UW</td>
</tr>
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<td>BACnet Interface for PAC &amp; ECOi</td>
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</tbody>
</table>
## 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
CU-EZ18SU, CU-3EYRB, CU-E19RKA, CU-E24RKA, CU-RE18SKLA, CU-RE24SKLA, CU-E18SD3U, CU-E24SD3U

### WINDB-R1
Wind Baffle - Small Single Coil Side
CU-EPX44LKA, CU-1ERKKA, CU-REFS44LKA, CU-RE12SKLA, CU-EPX53D3U, CU-EPX53D3U

### WINDB-P1
Wind Baffle - Small PACi Single Coil Side
U-2PET7U6, U-3PET7U6

### WINDB-P2
Wind Baffle - Large PACi and Multi ECOi Single Coil Side
U-4LE17U6, U-5LE17U6, U-42PET7U6

### WINDB-XE1
Wind Baffle - XE only Coil Side
CU-XE45UXA, CU-XE125UXA, CU-XE155UXA

### WINDB-M2
Wind Baffle - Large Multi Coil Side
CU-4E24RBU-5, CU-SE36QBU-5

### CZ-90DAF2
Three (3) port duct flange
S-26PF2U6

### CZ-160DAF2
Four (4) port duct flange
S-36PF2U6

### CZ-MA1P-US-BUND
Tube Size Reducer with Flare Nut (for multi-zone)
CU-2E18SU, CU-3EYRB, CU-4E24RBU-5, CU-SE36QBU-5

### CZ-MA2P-US-BUND
Tube Size Reducer with Flare Nut (for multi-zone)
CU-3EYRBU-5, CU-4E24RBU-5

### CZ-MA3P-US-BUND
Tube Size Reducer with Flare Nut (for multi-zone)
CU-3EYRBU-5, CU-4E24RBU-5

### SI-30-120
Condensate Pump (Phase Out)
All 115v Models

### SI-30-230
Condensate Pump
All 230v models. 5 gallons per hour

### CZ-SA20P
Anti Microbial Filter
CS-E**NKUAW, CS-E**RKUAW, CS-ME70UXU and CS-ME7RXUA.

### RCS4MHJB-J
Wireless Remote Caddy - Locking Bracket.
All PACi/ECOi Indoor

### RCPTC110B-J
Wireless Remote Caddy - Locking Bracket.
XE**PKUA, XE**SKUA, E**NKUA and E**RKUA Models

### RCPTC120SD-J
Wireless Remote Caddy - Locking Bracket.
**SD3UAW

### RCPTC130XE-J
Wireless Remote Caddy - Locking Bracket.
XE**SKUA

## Line Set

### Single Split Line Set Connection Chart (for Multi Split connections refer to Tube Adaptor chart)

<table>
<thead>
<tr>
<th>Line Set Part Numbers</th>
<th>Liquid Line</th>
<th>Suction Line</th>
<th>Insulation Thickness</th>
<th>Line Length</th>
<th>Use With</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>inch</td>
<td>inch</td>
<td>inch</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>DL04080815</td>
<td>1/4”</td>
<td>3/8”</td>
<td>1/2”</td>
<td>15”</td>
<td>XEYSKA2, E19RKA, E24RKA, CU-3EYRB, CU-4E24RBU-5, CU-SE36QBU-5</td>
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<tr>
<td>DL04080820</td>
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<td>3/8”</td>
<td>1/2”</td>
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<td>XEYSKA2, E19RKA, E24RKA, CU-3EYRB, CU-4E24RBU-5, CU-SE36QBU-5</td>
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<td>1/2”</td>
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<td>50”</td>
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</tr>
</tbody>
</table>

* Use Noted Lines Sets with CS-E24RXUAW
## Pipe Lengths, Fittings, Elevations and Refrigerant

<table>
<thead>
<tr>
<th>SYSTEM MODEL</th>
<th>SYSTEM MODEL</th>
<th>OD Tube Size (inches)</th>
<th>Maximum Length of Tubing between In/Outdoor (ft)</th>
<th>Maximum Elevation Difference between In/Outdoor (ft)</th>
<th>Maximum Length (ft) without Adding Refrigerant</th>
<th>Required Additional Refrigerant Oz/ft</th>
<th>Insulation</th>
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<tr>
<td></td>
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<td>Narrow</td>
<td>Wide</td>
<td>Outdoor Above</td>
<td>Outdoor Below</td>
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<td>Wall Mount</td>
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<td>XE9SKUA</td>
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<td>3/8</td>
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<td>XE12SKUA-1</td>
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<td>E9RKUA</td>
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<td>49</td>
<td>49</td>
<td>25</td>
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<tr>
<td>E12RKUA</td>
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<td>1/2</td>
<td>66</td>
<td>49</td>
<td>49</td>
<td>25</td>
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<td>1/2</td>
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<tr>
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<td>26PEU2U6</td>
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<td>5/8</td>
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<td>5/8</td>
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<tr>
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<td>1/2</td>
<td>66</td>
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<td>49</td>
<td>25</td>
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<tr>
<td>E18SD3UA</td>
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<td>1/2</td>
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<td>49</td>
<td>49</td>
<td>25</td>
<td>R410A 0.3</td>
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<td>26PEF2U6</td>
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<td>5/8</td>
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<td>100</td>
<td>R410A 0.43</td>
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<td>5/8</td>
<td>165</td>
<td>100</td>
<td>50</td>
<td>100</td>
<td>R410A 0.43</td>
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<td>42PEF2U6</td>
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<td>5/8</td>
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<td>100</td>
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<tr>
<td>Ceiling Suspended</td>
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<td>26PET2U6</td>
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</tr>
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<td>36PET2U6</td>
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<td>5/8</td>
<td>165</td>
<td>100</td>
<td>50</td>
<td>100</td>
<td>R410A 0.43</td>
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<tr>
<td>42PET2U6</td>
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<td>5/8</td>
<td>165</td>
<td>100</td>
<td>50</td>
<td>100</td>
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<tr>
<td>Multi-Split</td>
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<tr>
<td>CU-2E18SBU-5</td>
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<td>82</td>
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<td>49</td>
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<tr>
<td>CU-3E19RBU-5</td>
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<td>3/8</td>
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<tr>
<td>CU-4E24RBU-5</td>
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<td>3/8</td>
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<td>CU-5E36QBU-5</td>
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<td>25</td>
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</tbody>
</table>

Important: You must use refrigerant piping rated for R410a. *Reducing adaptor may be required depending on indoor model to be used with. (CZ-MA1P, CZ-MA2P or CZ-MA3P)
### Operation Range

### Single Zone

<table>
<thead>
<tr>
<th>Operation Range</th>
<th>Temperature</th>
<th>Indoor Air Intake Temp.</th>
<th>Outdoor Air Intake Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling</strong></td>
<td>Maximum</td>
<td>10°F DB / 74°F WB</td>
<td>115°F DB / 79°F WB</td>
</tr>
<tr>
<td></td>
<td>Minimum</td>
<td>61°F DB / 52°F WB</td>
<td>0°F DB / -°F WB</td>
</tr>
<tr>
<td><strong>Heating</strong></td>
<td>Maximum</td>
<td>86°F DB / -°F WB</td>
<td>75°F DB / 64°F WB</td>
</tr>
<tr>
<td></td>
<td>Minimum</td>
<td>61°F DB / -°F WB</td>
<td>-15°F DB / 16°F WB</td>
</tr>
</tbody>
</table>

### Single Zone

<table>
<thead>
<tr>
<th>Operation Range</th>
<th>Temperature</th>
<th>Indoor Air Intake Temp.</th>
<th>Outdoor Air Intake Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling</strong></td>
<td>Maximum</td>
<td>10°F DB / 74°F WB</td>
<td>115°F DB / 79°F WB</td>
</tr>
<tr>
<td></td>
<td>Minimum</td>
<td>61°F DB / 52°F WB</td>
<td>0°F DB / -°F WB</td>
</tr>
<tr>
<td><strong>Heating</strong></td>
<td>Maximum</td>
<td>86°F DB / -°F WB</td>
<td>75°F DB / 64°F WB</td>
</tr>
<tr>
<td></td>
<td>Minimum</td>
<td>61°F DB / -°F WB</td>
<td>-15°F DB / 16°F WB</td>
</tr>
</tbody>
</table>

### Multi Zone

<table>
<thead>
<tr>
<th>Operation Range</th>
<th>Temperature</th>
<th>Indoor Air Intake Temp.</th>
<th>Outdoor Air Intake Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling</strong></td>
<td>Maximum</td>
<td>89.6°F DB / 73.4°F WB</td>
<td>109.4°F DB / 79.8°F WB</td>
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<td>Minimum</td>
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<td>60.8°F DB / 51.8°F WB</td>
</tr>
<tr>
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<td>Maximum</td>
<td>86°F DB / -°F WB</td>
<td>75.2°F DB / 64.4°F WB</td>
</tr>
<tr>
<td></td>
<td>Minimum</td>
<td>61°F DB / -°F WB</td>
<td>-5°F DB / -6.5°F WB</td>
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</table>

### Slim Duct (CU-E 9/12/18 SQIA)

<table>
<thead>
<tr>
<th>Operation Range</th>
<th>Temperature</th>
<th>Indoor Air Intake Temp.</th>
<th>Outdoor Air Intake Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cooling</strong></td>
<td>Maximum</td>
<td>90°F DB / 74°F WB</td>
<td>115°F DB / 79°F WB</td>
</tr>
<tr>
<td></td>
<td>Minimum</td>
<td>60°F DB / 52°F WB</td>
<td>0°F DB / -°F WB</td>
</tr>
<tr>
<td><strong>Heating</strong></td>
<td>Maximum</td>
<td>86°F DB / -°F WB</td>
<td>75°F DB / 64°F WB</td>
</tr>
<tr>
<td></td>
<td>Minimum</td>
<td>61°F DB / -°F WB</td>
<td>-5°F DB / -6.5°F WB</td>
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### Single & Multi-Zone Wiring

#### Indoor Unit

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<tr>
<th>Single Zone Unit A</th>
<th>208 / 230V</th>
<th>Single Zone Unit A</th>
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<tbody>
<tr>
<td>1</td>
<td>115 VAC</td>
<td>1</td>
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<tr>
<td>2</td>
<td>115 VAC</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>10 - 50 VDC</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>GROUND</td>
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<table>
<thead>
<tr>
<th>Single Zone Unit B</th>
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<th>Single Zone Unit B</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>115 VAC</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>115 VAC</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>10 - 50 VDC</td>
<td>3</td>
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<tr>
<td>4</td>
<td>GROUND</td>
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</table>

<table>
<thead>
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<th>Single Zone Unit C</th>
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</thead>
<tbody>
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<td>115 VAC</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>115 VAC</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>10 - 50 VDC</td>
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<td>4</td>
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<table>
<thead>
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<th>Single Zone Unit D</th>
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<tbody>
<tr>
<td>1</td>
<td>115 VAC</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>115 VAC</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>10 - 50 VDC</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>GROUND</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Single Zone Unit E</th>
<th>1</th>
<th>Single Zone Unit E</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>115 VAC</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>115 VAC</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>10 - 50 VDC</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>GROUND</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Power Supply

- Power Supply: 208/230 V
- Single Phase: 60 Hz.

---

UL Listed or CSA approved 4 conductor wires minimum AWG16. Wiring size may vary based on length and should be verify with a licensed electrician.

Supply power and inter connecting wiring must be ran in separate conduits.
Model Number CU-5E360BU-5

(Qty) and Adaptor Required for Multi Zone Installations

<table>
<thead>
<tr>
<th>Adaptor Chart</th>
<th>2 Zone CU-ZE18NB</th>
<th>2-3 Zone CU-ZE19RB</th>
<th>2-4 Zone CU-ZE24RB</th>
<th>2-5 Zone CU-ZE360B</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-ME18R4U</td>
<td>none</td>
<td>none</td>
<td>none</td>
<td>none</td>
</tr>
<tr>
<td>CS-ME18R4U</td>
<td>none</td>
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<td>none</td>
<td>none</td>
<td>none</td>
</tr>
<tr>
<td>CS-E18R4U</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>CS-E24R4U</td>
<td>N/A</td>
<td>N/A</td>
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<td>N/A</td>
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</tbody>
</table>

- Wall Mount
- 4-Way
- Slim Duct

Note: Flare nut is usually supplied with all line sets. Panasonic also provides flare nut with adaptor for contractor convenience.

Ducted Multi-Zone Applications Available March 2017.
### Model Identification

#### RAC Indoor Unit

<table>
<thead>
<tr>
<th>Series</th>
<th>Model/Type</th>
<th>Connection configuration</th>
<th>Function</th>
<th>Capacity</th>
<th>Development</th>
<th>Category (Type)</th>
</tr>
</thead>
<tbody>
<tr>
<td>C: Residential</td>
<td>S: Indoor unit</td>
<td>X: Ductless type</td>
<td>Cooling only</td>
<td>K: Wall Mount</td>
<td>4: Heat pump</td>
<td>C: Indoor</td>
</tr>
<tr>
<td>U: Outdoor unit</td>
<td>E: Heat pump</td>
<td>K: Indoor</td>
<td>Cooling Capacity in BTU/h</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### RAC Outdoor Unit

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<thead>
<tr>
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<th>Model No.</th>
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<tbody>
<tr>
<td>12</td>
<td>XSL197T</td>
<td>CS-K19UKM</td>
</tr>
<tr>
<td>12</td>
<td>PXK-XS1972</td>
<td>CZ-19BPTU</td>
</tr>
<tr>
<td>18</td>
<td>C1872</td>
<td>CS-K18UMK</td>
</tr>
<tr>
<td>24</td>
<td>C2472</td>
<td>CS-K24UMK</td>
</tr>
<tr>
<td>30</td>
<td>C3082</td>
<td>CS-K30UMK</td>
</tr>
<tr>
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<td>C3672</td>
<td>CS-K36UMK</td>
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#### PAC System

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<td>CS-K30UMK</td>
</tr>
</tbody>
</table>

---

### Sanyo to Panasonic Cross Reference

* N/P: Heat Pump, C/B: Cooling Only

#### PAC Outdoor 2 types / 10 models

<table>
<thead>
<tr>
<th>Category</th>
<th>Capacity</th>
<th>Model No.</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>H/P</td>
<td>24</td>
<td>CH2472R</td>
<td>U-24PSTU</td>
</tr>
<tr>
<td>N/P</td>
<td>36</td>
<td>CH3672R</td>
<td>U-36PSTU</td>
</tr>
</tbody>
</table>

#### PAC Indoor 5 types / 15 models (13 models, Panel : 2 models)

<table>
<thead>
<tr>
<th>Category</th>
<th>Capacity</th>
<th>Model No.</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Way Cassette</td>
<td>24</td>
<td>XSH2472R</td>
<td>S-24PSTU</td>
</tr>
<tr>
<td>Wall Mount</td>
<td>36</td>
<td>KS3682</td>
<td>CS-K36UMK</td>
</tr>
<tr>
<td>Ceiling Suspended</td>
<td>36</td>
<td>THW3672R</td>
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#### PAC Indoor 5 types / 15 models (13 models, Panel : 2 models)

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<td>4-Way Cassette</td>
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<td>CS-K30UMK</td>
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</tbody>
</table>

### Controllers

<table>
<thead>
<tr>
<th>Category</th>
<th>Model No.</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wireless RC</td>
<td>RCS-SH86BAE.BR</td>
<td>C2-RWSU1U</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Category</th>
<th>Model No.</th>
<th>Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outdoor Bracket</td>
<td>STK-KE205U</td>
<td>CZ-KE205U</td>
</tr>
</tbody>
</table>

### Rating Conditions

<table>
<thead>
<tr>
<th>Cooling</th>
<th>Heating</th>
</tr>
</thead>
<tbody>
<tr>
<td>80°F DB / 67°F WB</td>
<td>70°F DB / 63°F WB</td>
</tr>
<tr>
<td>95°F DB / 79°F WB</td>
<td>47°F DB / 43°F WB</td>
</tr>
</tbody>
</table>
Because its products are subject to continuous improvements, Panasonic reserves the right to modify product design and specifications without notice and without incurring any obligations.

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Standard warranty - 7 years compressor/5 years parts
For extended product warranty, please contract your local authorized dealer for more information.

Do not add or replace refrigerant other than the specified type. Manufacturer is not responsible for the damage and deterioration in safety due to usage of other refrigerant.

Customer Service: 800-851-1235