Ductless Split
HEAT PUMP PRODUCTS
(Large Capacity PAC Type)

NEW
Your Best Choice in Ductless Split Heat Pump Systems

Since 1983, Panasonic Split 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 it is connected to the outdoor unit (condenser) via refrigerant lines and inter-unit wiring through a 3-1/2" opening in the wall. Since minimal ductwork is required, installation is simple, fast and efficient. The indoor unit has been uniquely designed to provide whisper quiet operation while delivering comfort throughout the room(s). Panasonic Split Heat Pumps are stylish and offer whisper-quiet operations, quality and reliability you can count on.

### New HEAT PUMP MODELS LINEUP (Low Ambient Type)

<table>
<thead>
<tr>
<th>Btu/h</th>
<th>26,000</th>
<th>36,000</th>
<th>42,000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MODEL (System)</strong></td>
<td>26PEK2U6, 26PET2U6</td>
<td>36PET2U6, 36PEU2U6, 36PEF2U6</td>
<td>42PET2U6, 42PEU2U6</td>
</tr>
</tbody>
</table>

#### Wall Mounted

*Available from late 2015*

#### Ceiling Suspended

*Available from late 2015*

#### Ceiling Recessed

*Available from late 2015*

#### Concealed Duct

*Available from late 2015*

#### Outdoor

*Available from late 2015*
Advanced Inverter Technology

Provides Optimum Performance While Reducing Energy Usage

Panasonic’s inverter technology constantly adjusts its compressor rotation speed to provide maximum performance at all times. This extremely 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 performance while ensuring you stay comfortable at all times.

Constant Comfort

Precise temperature control with a wide power output range enables an inverter air conditioner to meet different room occupancy levels – thus ensuring constant comfort.

Quick Cooling and Heating

Panasonic Inverter air conditioners 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.

ECONAVI with Intelligent Eco Sensors

Absence and activity detection enables power saving.

Presence or absence of people at their desks and the level of activity in the office are detected in real time. Set temperature automatically adjusts to optimize the lower power consumption.

Activity and Presence detection

<table>
<thead>
<tr>
<th>Activity detection</th>
<th>Presence detection</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIGHER ACTIVITY</td>
<td>After 20 mins absence</td>
</tr>
<tr>
<td>Cooling Set Temp. +/-0°F</td>
<td>Cooling Set Temp. +2°F</td>
</tr>
<tr>
<td>Heating Set Temp. -2°F</td>
<td>Heating Set Temp. +/-0 °F</td>
</tr>
<tr>
<td>Every 2 min</td>
<td>Heating Thermo OFF*</td>
</tr>
<tr>
<td></td>
<td>After 3 hours absence</td>
</tr>
<tr>
<td></td>
<td>Cooling Set Temp. +4°F</td>
</tr>
<tr>
<td></td>
<td>Heating Thermo OFF*</td>
</tr>
<tr>
<td></td>
<td>At night</td>
</tr>
<tr>
<td></td>
<td>Automatic Thermo Off depending on conditions at the end of the day*</td>
</tr>
</tbody>
</table>

Activity detection:

- In the morning: Thorough cooling when there is a high level of activity.
- In the afternoon: Reduced cooling when there are fewer people.
- At night: Automatic Thermo Off depending on conditions at the end of the day*.

Presence detection:

- After 20 mins absence: Cooling Thermo OFF*.
- After 3 hours absence: Heating Thermo OFF*.
- After 3 hours: the setting can change to Stop or Temperature Shift.

*Depending on conditions, the setting can change to Switch Off After 3 Hours, Thermo Off or Temperature Shift.
**SPECIFICATIONS**

### Concealed Duct

<table>
<thead>
<tr>
<th>Model No.</th>
<th>26PEF2U6</th>
<th>36PEF2U6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Model No.</td>
<td>Indoor unit</td>
<td>Outdoor unit</td>
</tr>
<tr>
<td>S-26PF2U6</td>
<td>U-26PE1U6</td>
<td>S-36PF2U6</td>
</tr>
</tbody>
</table>

#### Performance & Electrical Ratings

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Cooling (Btu)</th>
<th>24,000 (9,500 - 24,000)</th>
<th>31,200 (9,500 - 31,200)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heating (Btu)</td>
<td>28,600 (8,000 - 28,600)</td>
<td>36,200 (8,000 - 36,200)</td>
<td></td>
</tr>
<tr>
<td>Moisture Removal</td>
<td>High Pints/H</td>
<td>4.6</td>
<td>2.9</td>
</tr>
<tr>
<td>Dry Air Flow</td>
<td>Hi / Med / Low</td>
<td>742/671/530</td>
<td>1201/989/812</td>
</tr>
<tr>
<td>SEER</td>
<td>Cooling</td>
<td>16.2</td>
<td>15.5</td>
</tr>
<tr>
<td>EER</td>
<td>Cooling</td>
<td>8.8</td>
<td>8.6</td>
</tr>
<tr>
<td>HSPF</td>
<td>Heating (Canada)</td>
<td>9.8 (8.8)</td>
<td>9.0 (7.1)</td>
</tr>
<tr>
<td>Power Supply</td>
<td>V, Phase, Hz</td>
<td>230/208 1Ph, 230/208 1Ph,</td>
<td></td>
</tr>
<tr>
<td>Running Amps</td>
<td>Cooling / Heating</td>
<td>14.2/15.6</td>
<td>16.2/17.8</td>
</tr>
<tr>
<td>Power Input</td>
<td>Cooling</td>
<td>2,600/2,600</td>
<td>3,380/3,380</td>
</tr>
<tr>
<td>Heating</td>
<td>2,460/2,460</td>
<td>3,030/3,030</td>
<td></td>
</tr>
<tr>
<td>External Static Pressure</td>
<td>0.04 (min) - 0.60 (max)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fuse or Circuit Breaker Capacity</td>
<td>A</td>
<td>15</td>
<td>30</td>
</tr>
</tbody>
</table>

#### Features

- Variable external static pressure control
- Industry-leading low sound levels from 25 dB(A)
- Built-in drain pump provides 27-1/2 ft lift
- Easy to install and maintain
- Air off sensor avoids cold air drafts during heating operation
- Configurable air temperature control

#### Discharge air temperature control

- Possible to control discharge air temperature for accurate room temperature control
- Possible to reduce cold drafts during heating operation

Before spec-in, please consult with an authorised Panasonic dealer.

#### V-shaped heat exchanger

To improve heat exchange efficiency, an original V-shaped heat exchanger was developed incorporating a conventional high-efficiency slit fan and high-efficiency grooved heat transfer tubes. This increases the heat exchange surface area by about 80%.

#### System example

![Diagram of system example]

For short ducting such as hotels:

- **Optimal Control by DC Motor**
- For long ducting or for usage with high efficiency filter

* Please refer to the technical databook for detail.

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**Indoor Units**

**Concealed Duct Type**

26PEF2U6 36PEF2U6

### Technical focus

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**Ceiling Mounted**

New Sophisticated Round Design

- S-26PT2U6
- S-36PT2U6
- S-42PT2U6

*Optional*

- CZ-CENSC1
- CZ-RTC3

**Energy-Saving Technology**

Delivering Top-Class Efficiency

Large Diagonal Air Flow Fan

**Comfortable, Long-Distance Air Flow Distribution**

The shape of the outlet has been optimized to provide long-distance air flow distribution. Even in deep spaces, air flow reaches every corner for exceptionally comfortable air conditioning.

- Air flow distance 42.6 ft*
- Ceiling height 14 ft*

* Results are based on specific testing conditions

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**4-WAY Cassette**

- New Sophisticated Round Design

- S-26PU2U6
- S-36PU2U6
- S-42PU2U6

- Panel
- CZ-KFU21
- CZ-RTC3
- CZ-CENSC1

*Optional*

**Technical focus**

- Compact design
- Reduced sound levels (from previous models)
- DC fan motor for increased efficiency
- Powerful drain pump gives 33-1/2 ft lift
- Lightweight design
- Fresh air knockout
- Branch duct connection

**Wide & Comfortable Airflow**

A proprietary design features wide-angle discharge outlets and flaps that are larger in the middle, featuring a shape that was selected based on numerical mechanics and testing of actual prototype units. Air coming out of the center of the discharge outlets travels farther. From the sides of each outlet, where the openings are larger, airflow spreads out to reach the corners of the room. Air is discharged across a wide area from the four sides of the unit. The curves on the room temperature distribution graph expand gently out through 360° in a circle centered on the indoor unit.

**Comfort/Quiet**

**Temperature distribution by thermograph (cooling operation)**

Simulation conditions:
- P140 4-way ceiling mounted cassette type in cooling mode
- Floor area of 2,420 ft²
- Ceiling height of 9.8 ft

360° Wide
3-1/8 ft
Indoor Units

Wall Mounted

Technical focus

- Closed discharge port when not in use
- Lighter and smaller units make installation easy
- Quiet operation
- Smooth and durable design

Washable front panel

The indoor unit's front panel can be easily removed and washed for trouble-free maintenance.

Outdoor Units

Technical focus

- Piping outlet in six directions
- Washable front panel
- Air distribution is automatically altered depending on the operational mode of the unit

Washable front panel

Air distribution is automatically adjusted depending on the operational mode of the unit

Air outlet angle is automatically adjusted for cooling and heating operation.

Outdoor Units

Wide Operation Range

Cooling

Heating

Product Quality and Safety

All Panasonic air conditioners undergo strict quality and safety tests before sale. This rigorous process includes obtaining all necessary safety approvals, to ensure that all air conditioners we sell are not only built to the highest market standards, but are also completely safe.

<table>
<thead>
<tr>
<th>OPERATION SYSTEM</th>
<th>INDIVIDUAL CONTROL SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requirements</td>
<td>High-spec operation</td>
</tr>
<tr>
<td></td>
<td>Normal operation</td>
</tr>
<tr>
<td></td>
<td>Operation from anywhere in the room</td>
</tr>
<tr>
<td>External appearance</td>
<td>High-spec Wired Remote Controller</td>
</tr>
<tr>
<td></td>
<td>Timer Remote Controller (Wired)</td>
</tr>
<tr>
<td></td>
<td>Wireless Remote Controller</td>
</tr>
<tr>
<td>Type, model name</td>
<td>CZ-RTC3</td>
</tr>
<tr>
<td></td>
<td>CZ-RTC4*</td>
</tr>
<tr>
<td></td>
<td>CZ-RWSK1U</td>
</tr>
<tr>
<td>Built-in thermostat</td>
<td>●</td>
</tr>
<tr>
<td>ECONAVI on/off control</td>
<td>●</td>
</tr>
<tr>
<td>Number of indoor units which can be controlled</td>
<td>1 group, 8 units</td>
</tr>
<tr>
<td>Use limitations</td>
<td>- Up to 2 controllers can be connected per group. (When using ECONAVI sensor, only one remote controller is possible to connect at indoor unit)</td>
</tr>
</tbody>
</table>

*Available from late 2015
## Control Systems

### High-spec wired remote controller [CZ-RTC3]

*NEW*

**Basic Operation**
- Individual Louver Control (Lock individual flap for 4-way cassette)
- ON/OFF timer
- Weekly Timer
- Filter information*

* Dimensions: H 4.7 x W 4.7 x D 0.6 ft

**ECONAVI Sensor [CZ-CENS1]**

*NEW*

Utilises ECONAVI Sensor and Control Program technologies to detect where energy is normally wasted and self-adjusts cooling power to reduce energy waste.

**Basic Operation**
- Activity detection
- Absence detection

* Must be equipped with CZ-RTC3/4.

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### Control Systems

<table>
<thead>
<tr>
<th>INDIVIDUAL CONTROL SYSTEMS</th>
<th>CENTRALISED CONTROL SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick and easy operation</td>
<td>Operation with various function from center station</td>
</tr>
<tr>
<td>Simplified Remote Controller</td>
<td>Simplified load distribution ratio (LDR) for each tenant</td>
</tr>
<tr>
<td>CZ-RE2C2</td>
<td>Touch screen panel</td>
</tr>
<tr>
<td>CZ-RTC3</td>
<td>System Controller</td>
</tr>
<tr>
<td>—</td>
<td>Intelligent Controller</td>
</tr>
<tr>
<td>1 group, 8 units</td>
<td>64 groups, max. 64 units</td>
</tr>
<tr>
<td>64 units x 4 links, max. 256 units</td>
<td></td>
</tr>
</tbody>
</table>

- Up to 2 controllers can be connected per group.
- Up to 10 controllers can be connected to one system.
  - Main unit/sub unit (1 main unit + 1 sub unit) connection is possible.
  - Use without remote controller is possible.
- A communication adaptor (CZ-CFUNC1U) must be installed for three or more links.
# Model Identification

## Indoor Unit

<table>
<thead>
<tr>
<th>Model Type</th>
<th>Capacity</th>
<th>Series</th>
<th>Category (Function)</th>
<th>Development</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>U : Outdoor Unit</td>
<td></td>
<td></td>
<td>S : Cooling Only H : Heat Pump</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Outdoor Unit

<table>
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<th>Model Type</th>
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**Panasonic**

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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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**Caution Related to Safety**: 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.