We face a time in which “quality air” differentiates business. It’s a time for Panasonic to fully display its strengths. Our ability to assemble and build superior systems isn’t just due to the rich resources we have as a comprehensive electronics manufacturer, but also to Panasonic’s 100 years of tradition, where each person thinks and acts on their own initiative while working in a team to reach further heights. We do not compromise. Each of our independent selves is a one stop solution. We face our customers’ challenges together with our customers and do all that we can to build effective systems. As a true partner for our customers, we strive to always be at the forefront of business.
Extremely Clean Air and Energy-Saving Efficiency

Panasonic packaged air conditioners feature a wide lineup of indoor and inverter type outdoor units for use in a variety of locations, such as offices, residences, restaurants, and shops. They provide solutions for comfortable, clean air and energy savings at all times and offer comfortable room environments.

4-WAY Cassette and Ceiling Exposed type come standard equipped with unique nanoe™ X technology that deodorises odours, inhibits bacteria & viruses, mould, allergens, pollen and hazardous substances, as well as moisturises hair and skin.

New nanoe™ X containing plenty of OH radicals that inhibits bacteria and virus, deodorizes unpleasant odors and keeps room air clean and fresh.

Provides a neat fit in the ceiling to match modern decor, and uniform cooling throughout the room, plus easy installation.

Highly efficient inverter operation achieves superior energy-savings. And all models are 1-Fan types for easier installation and construction.
**MODEL LINE-UP**

A Wide Lineup to Fit Your Needs

The wide lineup suits a variety of applications, in offices, classrooms, restaurants, shops, and more. And all outdoor units are now 1-Fan types (excluding Ceiling Exposed type), making them smaller and lighter than previous models. Installation and construction are also easier.

<table>
<thead>
<tr>
<th>Capacity (Btu/h)</th>
<th>11,600</th>
<th>17,100-19,100</th>
<th>23,200-24,200</th>
<th>30,700-34,100</th>
<th>35,200-42,600</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4-WAY CASSETTE</strong></td>
<td>Indoor</td>
<td>S-18PU2Z5</td>
<td>S-24PU2Z5</td>
<td>S-34PU2Z5</td>
<td>S-43PU2Z5</td>
</tr>
<tr>
<td></td>
<td>Outdoor</td>
<td>U-18PS2Z5</td>
<td>U-24PS2Z5</td>
<td>U-34PS2Z5</td>
<td>U-43PS2Z5</td>
</tr>
<tr>
<td><strong>NEW</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CEILING EXPOSED</strong></td>
<td>Indoor</td>
<td>S-38PT2T5</td>
<td>S-43PT2T5</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Outdoor</td>
<td>U-18PS2Z5</td>
<td>U-24PS2Z5</td>
<td>U-34PS2Z5</td>
<td>U-43PS2Z5</td>
</tr>
<tr>
<td><strong>NEW</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MINI CASSETTE</strong></td>
<td>Indoor</td>
<td>CS-S12MB4ZW</td>
<td>CS-S18MB4ZW</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Outdoor</td>
<td>CU-S12MBZ</td>
<td>CU-S18MBZ</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CEILING DUCTED</strong></td>
<td>Indoor</td>
<td>CS-T19KD2H5</td>
<td>CS-T24KD2H5</td>
<td>CS-T34KD2H5</td>
<td>CS-T43KD2H5</td>
</tr>
<tr>
<td></td>
<td>Outdoor</td>
<td>CU-YT19KBH52</td>
<td>CU-YT24KBH52</td>
<td>CU-YT34KBH52</td>
<td>CU-YT43KBH52</td>
</tr>
</tbody>
</table>

The 4-way direction airflow released through four flaps provides wide and even cooling.

Providing outstanding energy-saving performance, comfort and long-distance air flow distribution, these units are perfect for retail stores and schools.

Mini Cassette types equipped with the 4-way airflow system are compact in size and particularly suitable for small to medium-sized offices and restaurants.

Offering remarkable overall cooling coverage of the entire building, Ceiling Ducted types are suitable for premises with concealed or false ceilings such as business centres.
nanoe™ is Panasonic’s unique air purifying technology. Introduced in 2003, nanoe™ has brought comfortable, clean air to a wide variety of living environments. By conducting further research & development, Panasonic has now succeeded in developing nanoe™ X, with dramatically increased performance.

nanoe™ X Improves Air Quality
Panasonic’s unique nanoe™ X has an outstanding effect on various air pollutants. It deodorises odours, inhibits bacteria & viruses, mould, allergens, pollen and hazardous substances as well as moisturises hair and skin. It takes reliable air purification performance another step forward.

nanoe™ X TECHNOLOGY

For more detail and validation data, please refer to the following website: https://aircon.panasonic.com/introducing/whats_nanoe/nanoex.html
Exposed Area 33.5mm
Provides a neat fit in the ceiling to match modern decor, and uniform cooling throughout the room, plus easy installation.

Powerful Airflow
The Turbo Fan with Twisted 3D Blades with compact design can increase airflow.

Fast Cooling

4-Way Cassette

Wide Flap
Adding a sub flap and widening the main flap have reduced turbulence and increased airflow. Also, the wider angle jetting port allows the airflow to reach as far as five meters.

360° Wide & Comfortable Airflow
Air coming out of the centre of the discharge outlets travels farther. 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 centred on the indoor unit.

360° Wide
Temperature distribution by thermograph (cooling operation)
Simulation conditions:
• 43PU 4-way ceiling-mounted cassette type in cooling mode
• Floor area of 225 m²
• Ceiling height of 5 m

Ample airflow
Capacity Class (K Btu)

Twisted 3D Blade
Powerful Airflow
The Turbo Fan with Twisted 3D Blades with compact design can increase airflow.

Flat Horizontal Design
Panasonic believes that one of the most important elements of design is that it doesn’t interfere with the overall room interior. The flat horizontal design of the 4-way Cassette achieves an elegant, yet simple form. This design allows it to protrude only 33.5 mm from the ceiling, to blend naturally into a variety of interiors, including offices and restaurants.

Easy Installation Design
With conventional models, it was difficult to use tools without damaging the interior. The new series have employed a new structure for easier installation.
Flexible Installation

Panasonic’s ingeniously designed outdoor units are compact in size to fit into any space and layout. Its smaller size makes it easy to install even in limited spaces. Flexibility in piping allows more freedom in installation leading to a reduced installation costs.

**Space Saving Outdoor Unit**

18-24 type Model

4-Way Cassette Outdoor Units (U-18PS2Z5 / U-24PS2Z5)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Weight</th>
<th>Shorter</th>
<th>Lighter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height: 1,340mm</td>
<td>110kg</td>
<td>36kg</td>
<td>344mm</td>
</tr>
<tr>
<td>Weight: 73kg*</td>
<td>74kg*</td>
<td>24kg</td>
<td></td>
</tr>
</tbody>
</table>

Conventional Model (CU-TX18SBZ5) Height: 795mm, Weight: 41kg

34-43 type Model

4-Way Cassette Outdoor Units (U-34PS2Z5 / U-43PS2Z5)

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Weight</th>
<th>Shorter</th>
<th>Lighter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height: 996mm</td>
<td>110kg</td>
<td>36kg</td>
<td>344mm</td>
</tr>
<tr>
<td>Weight: 74kg*</td>
<td>74kg*</td>
<td>24kg</td>
<td></td>
</tr>
</tbody>
</table>

Conventional Model (CU-TX34SBZ) Height: 875mm, Weight: 41kg

Precise Temperature Control

INVERTER prevents wasteful energy consumption by varying the compressor rotation speed to maintain the set temperature.

**High Efficiency Energy Performance**

The performance of our previous models is now achieved by smaller outdoor units. The Coefficient of Performance has been greatly improved to reduce power consumption.

**Advantages of Panasonic Inverter System**

**COP 4.20**

*For 4-Way Cassette (18 type model)

**Inverter Technology**

Non-INVERTER air conditioner can only operate at a constant speed which is too powerful to maintain the set temperature. This results in wider temperature fluctuations leading to wasteful consumption of energy.

**Easy Installation**

Piping can be extended up to 30m without additional gas charging, and up to 50m with additional gas charging. By giving you more flexibility in positioning the outdoor unit, this gives you a wider range of installation options.

**Refrigerant Charge less Up to 30m**

No additional gas charging is needed up to 30m. Installation is easy and hassle-free.

*For 4-Way Cassette, Ceiling Exposed

Legend:

- ON: Operation
- OFF: Stop
- Temperature: Set temperature
- Output Power: Compressor's rotation speed
- R: Room temperature
- Room temperature fluctuations
- Little temperature fluctuations

Remark: Energy is wasted by switching the compressor ON and OFF to maintain the set temperature.

Remark: Saves energy by varying the rotation speed of the compressor to maintain the set temperature.

The Panasonic INVERTER air conditioner varies the compressor’s rotation speed, providing a precise method of maintaining the set temperature and it gives you exceptional energy saving performance.

Legend:

- ON: Operation
- OFF: Stop
- Temperature: Set temperature
- Output Power: Compressor's rotation speed
- R: Room temperature
- Room temperature fluctuations
- Little temperature fluctuations

Remark: Energy is wasted by switching the compressor ON and OFF to maintain the set temperature.

Remark: Saves energy by varying the rotation speed of the compressor to maintain the set temperature.

**Height Difference Up to 30m**

*For 4-Way Cassette, Ceiling Exposed

Max Piping Length Up to 50M with additional gas charge
Remote Controller

Precise Control, Easy Comfort
Panasonic Single-split Packaged Air Conditioner Remote Controllers are designed with user comfort in mind. Multiple settings are available so airflow and air quality can be regulated according to preferences. Users can also opt for a wired remote controller equipped with high-performance timer.

Remote Controllers are designed with user comfort in mind.

Can also opt for a wired remote controller equipped with high-performance timer.

Panasonic Single-split Packaged Air Conditioner

Remote-side Controller

Group Control by a single remote controller

Separate Control by Twin Remote Controllers

Common Control by Both Wired and Wireless Remote Controllers

Settings can be regulated with 3 control options:

• Group Control by a single remote controller
  - All indoor units operate in the same mode.

• Separate Control by Twin Remote Controllers
  - Each indoor unit can be operated by either of the two remote controllers.
  - Apart from the timer setting time, the displays for the two remote controllers are identical.
  - The last button pressed has priority (using either wired or wireless remote controllers).

• Common Control by Both Wired and Wireless Remote Controllers
  - wired remote controller
  - wireless remote controller

Central Control Adapter
Using Central Control Adapter along with the existing VRF units, a centralized control system is possible. Temperature management can be achieved by expanding low-to-mid sizes together.

Ventilation
When an external device such as a ventilator is connected to the indoor unit, the ventilator’s ON/OFF operations can be controlled by the wired remote controller. You can select from either link-ventilation or independent-ventilation.

Odor Wash
Reduces unpleasant odors caused by the air conditioner’s heat exchanger.

Economy Mode
Saves up to 20%* energy. The air conditioner determines the stable condition and moderately shifts the set temperature in 0.5-degree steps to regulate the energy-saving operation (max. 2 degrees).

Weekly Timer
1. Timer can be set for each day of the week.
2. Can be pre-set with: • Max. 6 settings/day  • 42 settings/week.
3. The temperature can also be programmed for optimal comfort.

Can be set to accommodate different conditions

Can be regulated according to preferences.

Can be pre-set with: • Max. 6 settings/day  • 42 settings/week.

The temperature can also be programmed for optimal comfort.

Weekdays
Setting the timer

Simple Timer Mode
Set the ON/OFF timer (ON/OFF control).

Simple Timer Mode
ON: 08:00
OFF: 10:00

ON: 12:00
OFF: 20:00

ON: 20:00
OFF: 08:00

3. Setting the timer

Ventilation

Even buildings with additional air conditioning systems can be central controlled.
**4-WAY CASSETTE**

**Model No.**
- S-18PU2Z5
- S-24PU2Z5
- S-34PU2Z5
- S-43PU2Z5

**TECHNICAL FOCUS**
- nanoe™ X for Air Purification
- Powerful Airflow
- Wide Flap
- Simplistic Design
- LCD Wireless Remote Controller
- Easy Installation Design

*Tested based on NEA energy labelling scheme. Please refer to technical documents for more details.*

### TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Model No.</td>
<td>U-18PS2Z5</td>
<td>U-24PS2Z5</td>
<td>U-34PS2Z5</td>
<td>U-43PS2Z5</td>
</tr>
<tr>
<td><strong>Operating Range</strong>, Outdoor Min-Max °C</td>
<td>16-43</td>
<td>16-43</td>
<td>16-43</td>
<td>16-43</td>
</tr>
<tr>
<td><strong>Additional Gas g/m</strong></td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td><strong>Maximum Chargeless Length</strong> Max m</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td><strong>Elevation Difference</strong> m</td>
<td>25</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td><strong>Pipe Length</strong> Min-Max m</td>
<td>7.5-50</td>
<td>7.5-50</td>
<td>7.5-50</td>
<td>7.5-50</td>
</tr>
<tr>
<td><strong>Power Input:</strong> Rated (Min-Max) kW</td>
<td>1.19 (0.44-1.49)</td>
<td>1.65 (0.64-2.77)</td>
<td>2.28 (0.80-4.00)</td>
<td>3.00 (0.78-5.32)</td>
</tr>
<tr>
<td><strong>Current:</strong> Rated (Max) A</td>
<td>5.6-5.1 (9.5)</td>
<td>7.7-7.1 (13.0)</td>
<td>11.5-10.6 (24.0)</td>
<td>15.2-13.9 (26.0)</td>
</tr>
<tr>
<td><strong>Net Weight</strong> kg</td>
<td>41.0</td>
<td>43.0</td>
<td>73.0</td>
<td>74.0</td>
</tr>
<tr>
<td><strong>Dimension</strong> Outdoor (H×W×D) mm</td>
<td>695 × 875 × 320</td>
<td>695 × 875 × 320</td>
<td>996 × 980 × 370</td>
<td>996 × 980 × 370</td>
</tr>
<tr>
<td><strong>Sound Power Level</strong> (Hi/Lo) dB</td>
<td>55 / 47</td>
<td>57 / 48</td>
<td>61 / 52</td>
<td>62 / 54</td>
</tr>
<tr>
<td><strong>Sound Pressure Level</strong> (Hi/Lo) dB (A)</td>
<td>40 / 32</td>
<td>42 / 33</td>
<td>46 / 37</td>
<td>47 / 39</td>
</tr>
<tr>
<td><strong>Air Volume</strong> m³/min</td>
<td>22.0</td>
<td>25.0</td>
<td>34.0</td>
<td>36.4</td>
</tr>
<tr>
<td><strong>Power Source</strong> V/Phase Hz</td>
<td>220-240 V, 1Ø Phase - 50 Hz</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cooling Capacity:</strong> Rated (Min-Max) Btu/h</td>
<td>17,100</td>
<td>23,200</td>
<td>32,400</td>
<td>36,900</td>
</tr>
<tr>
<td><strong>Rated COP</strong> / <strong>EER</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Capacity (Btu/h)</strong></td>
<td>16.62 Btu/h/W</td>
<td>15.56 Btu/h/W</td>
<td>17.35 Btu/h/W</td>
<td>15.79 Btu/h/W</td>
</tr>
<tr>
<td><strong>Rated COP</strong> / <strong>EER</strong></td>
<td>4.87</td>
<td>4.56</td>
<td>5.09</td>
<td>4.63</td>
</tr>
<tr>
<td><strong>Mean</strong> Total Btu/h</td>
<td>14.37 Btu/h/W</td>
<td>14.06 Btu/h/W</td>
<td>14.21 Btu/h/W</td>
<td>12.3 Btu/h/W</td>
</tr>
<tr>
<td><strong>Rated COP</strong> / <strong>EER</strong></td>
<td>4.20</td>
<td>4.12</td>
<td>4.17</td>
<td>3.60</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Panel</strong> (H×W×D) mm</td>
<td>33.5 × 950 × 950</td>
<td>33.5 × 950 × 950</td>
<td>33.5 × 950 × 950</td>
<td>33.5 × 950 × 950</td>
</tr>
<tr>
<td><strong>Indoor</strong> (H×W×D) mm</td>
<td>256 × 840 × 840</td>
<td>256 × 840 × 840</td>
<td>319 × 840 × 840</td>
<td>319 × 840 × 840</td>
</tr>
</tbody>
</table>

*Adjust the suspension bolt length so that the gap from the lower ceiling surface becomes 25 mm or more 35 mm or more from the lower surface of the body, as shown in the figure. When the suspension bolt length is long, it hits the评级 panel and installation is not possible.*

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**Accessories**
- Panel
- Selectable Remote Controller

**Selectable Remote Controller**
- CZ-KPU3H
- CZ-RD513C
- CZ-RL013UH

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**U-18PS2Z5**
- Easy Installation Design
- LCD Wireless Remote Controller
- Simplistic Design
- Wide Flap
- nanoe™ X for Air Purification

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**S-18PU2Z5**
- **4-WAY CASSETTE**
- Easy Installation Design
- LCD Wireless Remote Controller
- nanoe™ X for Air Purification

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**S-34PU2Z5**
- **4-WAY CASSETTE**
- Easy Installation Design
- LCD Wireless Remote Controller
- nanoe™ X for Air Purification

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**S-43PU2Z5**
- **4-WAY CASSETTE**
- Easy Installation Design
- LCD Wireless Remote Controller
- nanoe™ X for Air Purification
TECHNICAL FOCUS
- 4-Way Airflow System
- LCD Wireless Remote Controller
- Random Auto Restart
- Removable Washable Panel
- 24 Hours Real On Off Timer
- Dews Prevention Control
- Anti Freezing Control

Capacity (Btu/h)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Capacity</th>
<th>Power Source V/Phase Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-S12MB4ZW</td>
<td>11,600</td>
<td>220-240 V, 1Ø Phase - 50 Hz</td>
</tr>
<tr>
<td>CS-S18MB4ZW</td>
<td>16,000</td>
<td>220-240 V, 1Ø Phase - 50 Hz</td>
</tr>
</tbody>
</table>

Indoor Unit
- Model No.: CS-S12MB4ZW, CS-S18MB4ZW
- CS-S18MB4ZW
- CU-S12MBZ
- CU-S18MBZ
- Panel: CZ-BT20EW, CZ-BT20EW

Cooling Capacity: Rated (Min-Max)

<table>
<thead>
<tr>
<th>kW</th>
<th>Btu/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.40</td>
<td>11,600</td>
</tr>
<tr>
<td>4.70</td>
<td>16,000</td>
</tr>
</tbody>
</table>

Current: Rated A

| 4.8-4.5 | 6.3-5.9 |

Power Input: Rated (Min-Max) kW

| 0.98 A | 1.34 A |

Rated COP / EER

<table>
<thead>
<tr>
<th>W/W</th>
<th>Btu/hW</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.47</td>
<td>11.84</td>
</tr>
<tr>
<td>3.51</td>
<td>11.94</td>
</tr>
</tbody>
</table>

Weighted COP / EER*

<table>
<thead>
<tr>
<th>W/W</th>
<th>Btu/hW</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.08</td>
<td>13.92</td>
</tr>
<tr>
<td>4.01</td>
<td>13.68</td>
</tr>
</tbody>
</table>

Indoor Unit
- Air Volume m³/min
- 10.5 |
- 11.3 |
- Sound Pressure Level* (Hi/Lo/Q-Lo) dB (A)
- 34 / 26 / 23 |
- 38 / 28 / 25 |
- Dimension (H×W×D) mm
- 260 × 575 × 575 |
- 260 × 575 × 575 |
- Net Weight kg
- 18.0 |
- 18.0 |

Outdoor Unit
- Sound Pressure Level (Hi) dB (A)
- 47-48 |
- 49-50 |
- Dimension (H×W×D) mm
- 540 × 780 × 289 |
- 695 × 875 × 320 |
- Net Weight kg
- 31.0 |
- 44.0 |

Piping Connection
- Gas Pipe: mm (inch)
- 12.70 (1/2) |
- 12.70 (1/2) |
- Liquid Pipe: mm (inch)
- 6.35 (1/4) |
- 6.35 (1/4) |
- Pipe Length Min-Max m
- 3.0-15.0 |
- 3.0-20.0 |
- Elevation Difference m
- 15.0 |
- 15.0 |
- Maximum Chargeless Length Max m
- 7.5 |
- 10.0 |
- Additional Gas g/m
- 15 |
- 15 |
- Operating Range, Outdoor Min-Max °C
- 16-43 |
- 16-43 |

*Tested based on NEA energy labelling scheme. Please refer to technical documents for more details.

MINI CASSETTE

ACCESSORIES
- Selectable Remote Controller
- A wireless remote controller is in the same package with the indoor unit.

Dimensions

When raising the drain head above the unit

Required space for installation

**Unit:mm**
TECHNICAL FOCUS

- Auto Fan Mode
- Random Auto Restart
- Dry Mode Function
- Weekly Timer
- 24-Hour On/Off Real Setting Timer
- Odor Wash
- Economy Mode
- Self-Diagnostic Function
- Selectable Thermo Sensor

Capacity ( Btu/h ) 19,100 24,200 34,100 42,600

Power Source V/Phase Hz 220-230-240 V, 1Ø Phase - 50 Hz

Indoor Unit

<table>
<thead>
<tr>
<th>Model No.</th>
<th>CS-T19KD2H5</th>
<th>CS-T24KD2H5</th>
<th>CS-T34KD2H5</th>
<th>CS-T43KD2H5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity ( Min-Max )</td>
<td>kW</td>
<td>kW</td>
<td>kW</td>
<td>kW</td>
</tr>
<tr>
<td>kWe</td>
<td>5.60 (2.00-6.30)</td>
<td>5.60 (2.00-6.30)</td>
<td>5.60 (2.00-6.30)</td>
<td>5.60 (2.00-6.30)</td>
</tr>
<tr>
<td>kWe</td>
<td>7.10 (2.00-7.50)</td>
<td>7.10 (2.00-7.50)</td>
<td>7.10 (2.00-7.50)</td>
<td>7.10 (2.00-7.50)</td>
</tr>
<tr>
<td>kW</td>
<td>10.00 (3.80-10.50)</td>
<td>10.00 (3.80-10.50)</td>
<td>10.00 (3.80-10.50)</td>
<td>10.00 (3.80-10.50)</td>
</tr>
<tr>
<td>kW</td>
<td>12.5 (3.80-13.00)</td>
<td>12.5 (3.80-13.00)</td>
<td>12.5 (3.80-13.00)</td>
<td>12.5 (3.80-13.00)</td>
</tr>
</tbody>
</table>

Indoor Unit

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Current: Rated A</td>
<td>8.8-8.5-8.3</td>
<td>12.0-11.6-11.2</td>
<td>17.3-16.7-16.1</td>
<td>20.9-20.3-19.6</td>
</tr>
</tbody>
</table>

Power Input: Rated ( Min-Max ) kW

<table>
<thead>
<tr>
<th>Model No.</th>
<th>CS-T19KD2H5</th>
<th>CS-T24KD2H5</th>
<th>CS-T34KD2H5</th>
<th>CS-T43KD2H5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Input: Rated ( Min-Max ) kW</td>
<td>1.86 (0.60-2.35)</td>
<td>2.53 (0.70-2.70)</td>
<td>3.65 (1.30-4.10)</td>
<td>4.42 (1.30-4.70)</td>
</tr>
</tbody>
</table>

Rated COP / EER

<table>
<thead>
<tr>
<th>Model No.</th>
<th>CS-T19KD2H5</th>
<th>CS-T24KD2H5</th>
<th>CS-T34KD2H5</th>
<th>CS-T43KD2H5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated COP / EER W/W</td>
<td>3.01</td>
<td>2.81</td>
<td>2.74</td>
<td>2.83</td>
</tr>
<tr>
<td>Btu/h W</td>
<td>10.27</td>
<td>9.57</td>
<td>9.34</td>
<td>9.64</td>
</tr>
</tbody>
</table>

External Static Pressure Pa (mm Ag)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>CS-T19KD2H5</th>
<th>CS-T24KD2H5</th>
<th>CS-T34KD2H5</th>
<th>CS-T43KD2H5</th>
</tr>
</thead>
<tbody>
<tr>
<td>External Static Pressure Pa (mm Ag)</td>
<td>69 (7)</td>
<td>69 (7)</td>
<td>98 (10)</td>
<td>98 (10)</td>
</tr>
</tbody>
</table>

Indoor Unit

| Air Volume m³/min | 22.0 | 22.0 | 35.0 | 35.0 |
| Sound Pressure Level (Hi/Lo) dB (A) | 45 / 41 | 45 / 41 | 49 / 45 | 49 / 45 |
| Sound Power Level (Hi/Lo) dB | 62 / 58 | 62 / 58 | 64 / 60 | 64 / 60 |

Indoor Unit

| Dimension Indoor (H×W×D) mm | 290 × 1,000 + 100 × 500 | 290 × 1,000 + 100 × 500 | 360 × 1,000 + 100 × 650 | 360 × 1,000 + 100 × 650 |
| Net Weight kg                | 31.0 | 31.0 | 43.0 | 43.0 |

Outdoor Unit

| Dimension Outdoor (H×W×D) mm | 795 × 875 + 70 × 320 | 795 × 875 + 70 × 320 | 795 × 900 × 320 | 1,170 × 900 × 320 |
| Net weight kg                | 65.0 | 65.0 | 66.0 | 94.0 |

Piping Connection

| Gas Pipe mm (inch) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) | 15.88 (5/8) |
| Liquid Pipe mm (inch) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) | 9.52 (3/8) |

Pipe Length Min-Max m

<table>
<thead>
<tr>
<th>Model No.</th>
<th>CS-T19KD2H5</th>
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<th>CS-T34KD2H5</th>
<th>CS-T43KD2H5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pipe Length Min-Max m</td>
<td>7.5-30.0</td>
<td>7.5-30.0</td>
<td>7.5-30.0</td>
<td>7.5-30.0</td>
</tr>
</tbody>
</table>

Elevation Difference m

<table>
<thead>
<tr>
<th>Model No.</th>
<th>CS-T19KD2H5</th>
<th>CS-T24KD2H5</th>
<th>CS-T34KD2H5</th>
<th>CS-T43KD2H5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevation Difference m</td>
<td>25</td>
<td>25</td>
<td>30</td>
<td>30</td>
</tr>
</tbody>
</table>

Maximum Chargeless Length Max m

<table>
<thead>
<tr>
<th>Model No.</th>
<th>CS-T19KD2H5</th>
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<th>CS-T34KD2H5</th>
<th>CS-T43KD2H5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Chargeless Length Max m</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
</tbody>
</table>

Operating Range, Outdoor Min-Max °C

<table>
<thead>
<tr>
<th>Model No.</th>
<th>CS-T19KD2H5</th>
<th>CS-T24KD2H5</th>
<th>CS-T34KD2H5</th>
<th>CS-T43KD2H5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Range, Outdoor Min-Max °C</td>
<td>16-43</td>
<td>16-43</td>
<td>16-43</td>
<td>16-43</td>
</tr>
</tbody>
</table>

Please refer to technical documents for more details.

Accessories

Remote Controller

A wired remote controller is in the same package with the indoor unit.
CEILING EXPOSED

TECHNICAL FOCUS
- nanoe™ X for Air Purification
- Random Auto Restart
- Auto Fan Mode
- Weekly Timer (Wired Remote Controller only)
- 24-Hour On/Off Real Setting Timer
- Odor Wash (Wired Remote Controller only)
- Economy Mode (Wired Remote Controller only)
- Dry Mode Function
- Self-Diagnostic Function
- Selectable Thermo Sensor (Wired Remote Controller Only)

Model No.
S-38PT2T5
S-43PT2T5

Indoor Unit  |  Ceiling

| Capacity (Btu/h) | 30,700 | 35,200 |
| Power Source V/Phase Hz | 220-240 V, 1Ø Phase - 50 Hz |
| Indoor |  |  |
| S-38PT2T5 | S-43PT2T5 |
| Outdoor | U-34PS2Z5 | U-43PS2Z5 |
| Cooling Capacity: Rated (Min-Max) kW | 9.00 (4.40-12.30) | 10.30 (4.40-13.00) |
| Btu/h | 30,700 (15,000-42,000) | 35,200 (15,000-44,400) |
| Current: Rated (Max) A | 11.1-10.2 (24.0) | 14.1-13.0 (26.0) |
| Power Input: Rated (Min-Max) kW | 2.20 (0.75-3.73) | 2.80 (0.75-4.43) |
| Rated COP / EER W/W | 4.09 | 3.68 |
| Btu/hW | 13.95 | 12.57 |
| Weighted COP / EER W/W | 4.93 | 4.65 |
| Btu/hW | 16.81 | 15.86 |
| Indoor Unit |  |  |
| Air Volume m³/min | 32.0 | 35.0 |
| Sound Pressure Level (Hi/Lo) dB (A) | 43 / 36 | 46 / 37 |
| Sound Power Level (Hi/Lo) dB | 58 / 51 | 61 / 52 |
| Dimension Indoor (H×W×D) mm | 235 × 1,590 × 690 | 235 × 1,590 × 690 |
| Net Weight kg | 39 | 39 |

OUTDOOR UNITS

4-WAY CASSETTE / CEILING EXPOSED

Dimensions (U-18PS2Z5 / U-24PS2Z5) 1-phase

Dimensions (U-34PS2Z5 / U-43PS2Z5) 1-phase

Please refer to technical documents for more details.
OUTDOOR UNITS

MINI CASSETTE

Dimensions (CU-S12MBZ) 1-phase

Dimensions (CU-S18MBZ) 1-phase

CEILING DUCTED

Dimensions (CU-YT19KBH52 / CU-YT24KBH52) 1-phase

Dimensions (CU-YT34KBH52) 1-phase

Dimensions (CU-YT43KBH52) 1-phase