Please read the Installation Instructions carefully before installing the unit, and the Operating Instructions before using it.

The contents of this catalogue are accurate as of December 2018. Due to printing considerations, the actual colours may vary slightly from those shown.

All graphics are provided merely for the purpose of illustrating a point.

Authorised Dealer

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aircon.panasonic.com.au
FSV SYSTEMS

Panasonic’s FSV systems are designed for energy savings, high durability, and even operation at extreme ambient temperature.

Panasonic continuously apply advanced technologies to meet the requirements of a variety of diverse situations, constantly contributing to the creation of comfortable living spaces.

2-PIPE FSV-EX HEAT PUMP ME2 Series
Extraordinary energy-saving performance and powerful operation

Space-saving Combination Model

- Wide range of systems from 22.4kW to 224.0kW
- Class-leading EER of 4.7 (22.4kW model)
- Industry-leading low noise of 54dB (22.4kW model)
- Cooling operation possible with outdoor temperature as high as 52˚C DB
- Long piping length (up to 1,000m)
- Up to 64 indoor units connectable
- External static pressure up to 80Pa
- Cooling operation possible with outdoor temperature as high as 52˚C DB
- Operating range to provide heating at outdoor temperature as low as -25˚C WB

High Efficiency Combination Model

- Wide range of systems from 22.4kW to 180.0kW
- Higher EER than the Space-saving Combination Model

3-PIPE FSV-EX HEAT RECOVERY MF3 Series
Extraordinary energy-saving for simultaneous cooling and heating operation

- Wide range of systems from 22.4kW to 135.0kW
- Class-leading EER : 4.87 / COP : 5.09 (22.4kW model)
- Long piping length (up to 500m)
- Increased maximum number of connectable indoor units (up to 52)
- External static pressure up to 80Pa
- Cooling operation possible when outdoor temperature as high as 52°C DB
- Operating range to provide heating at outdoor temperature as low as -20°C WB
- Suitable for R22 renewal projects (Please refer to technical document for further details)

2-PIPE Mini-FSV HEAT PUMP LE Series
For small-scale commercial and residential use

- Wide range of systems from 12.1kW to 25.0kW
- High external static pressure 35Pa
- Class leading EER: 4.50 (12.1kW model) / 3.80 (22.4kW model)
- Less than 1 metre high (LE2 range)
- Wide operation range: Cooling: -10°C to 46°C DB, Heating at: -20°C to 18°C DB
- Maximum number of connectable indoor units : 13 (22.4/ 28.0kW model)
- Actual piping length: 150m
- Maximum piping length: 150m (12.1/ 14.0/ 15.5kW) / 300m (22.4/ 28.0kW)
- Suitable for R22 renewal projects (Please refer to technical document for further details)
FSV Indoor Units Range

Wide choice of models depending on the indoor requirements

<table>
<thead>
<tr>
<th>Class</th>
<th>22</th>
<th>26</th>
<th>36</th>
<th>45</th>
<th>56</th>
<th>73</th>
<th>90</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>T2</td>
<td>Y2</td>
<td>Y1</td>
<td>Z1</td>
<td>Z2</td>
<td>T2</td>
<td>P1</td>
</tr>
</tbody>
</table>

- **K2 Type**: Mid Static Ducted
- **M1 Type**: Slim Low Static Ducted
- **Z1 Type**: Slim & Narrow Ducted
- **S1/L2 Type**: High Static Ducted / Energy Saving High-Fresh Air Ducted
- **ER1 Type**: High Static Compact Ducted

**Functions**

- Wireless remote control
- Auto restart
- Auto flap
- Auto fan
- Mild dry
- Air swing
- Drain pump
- DC motor
- Built-in sensor

**Room size (W/HP)**

- 22 2.2/2.5
- 26 2.8/3.2
- 36 3.6/4.2
- 45 4.5/5.0
- 56 5.6/6.3
- 73 6.0/7.1
- 90 7.3/8.0

**For power failure**

- Automatic restart function

**For high static**

- Air swing

**For power saving**

- Auto Restart
- Auto Fan
- Mild Dry

**For power saving**

- Air swing

**For power saving**

- Auto Restart
- Auto Fan
- Mild Dry

**For power saving**

- Air swing

**For power saving**

- Auto Restart
- Auto Fan
- Mild Dry

**For power saving**

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**For power saving**

- Auto Restart
- Auto Fan
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**For power saving**

- Air swing

**For power saving**

- Auto Restart
- Auto Fan
- Mild Dry

**For power saving**

- Air swing
FSV Controllers

A wide variety of control options to meet the requirements of different applications.

<table>
<thead>
<tr>
<th>OPERATION SYSTEM</th>
<th>INDIVIDUAL CONTROL SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Requirements</td>
<td>Advanced operation</td>
</tr>
</tbody>
</table>

**External appearance**

- Deluxe Wired Remote Controller
- Timer Remote Controller (Wired)
- Wireless Remote Controller

**Type, model name**

- CZ-RRTC2B
- CZ-RRTC4
- CZ-RWSL2N
- CZ-RWSC3
- CZ-RWSD2
- CZ-RWST3N
- CZ-RWSK2
- CZ-64ESMC3

**Built-in thermostat**

- ●
- ●
- ●

**ECONAVI control**

- ●
- ●
- ●

**Number of indoor units which can be controlled**

- 1 group, 8 units
- 1 group, 8 units
- 1 group, 8 units

**Use limitations**

- Up to 2 controllers can be connected per group (When using ECONAVI sensor, only one remote controller is possible to connect at indoor unit)
- Up to 2 controllers can be connected per group (When using ECONAVI sensor, only one remote controller is possible to connect at indoor unit)
- Up to 2 controllers can be connected per group

**Function ON/OFF**

- ●
- ●
- ●

**Mode setting**

- ●
- ●
- ●

**Fan speed setting**

- ●
- ●
- ●

**Temperature setting**

- ●
- ●
- ●

**Air flow direction**

- ●
- ●
- ●

**Permit/Prohibit switching**

- —
- —
- —

**Weekly program**

- ●
- ●
- —

All specifications are subject to change without notice.

**CENTRALISED CONTROL SYSTEMS**

- Operation with various functions from a central location
- Only ON/OFF operation from a central location
- Simplified load distribution ratio (LDR) for each tenant
- Connection with 3rd Party Controller

**System Controller**

- CZ-64ESMC3
- CZ-ANC3
- CZ-256ESMC3 (CZ-CFUNC2)

**ON/OFF Controller**

- —
- —
- ●

**Intelligent Controller**

- 64 groups, maximum 64 units
- 64 units x 16 systems, maximum 256 units

**Function ON/OFF**

- ●
- ●
- ●

**Mode setting**

- ●
- ●
- ●

**Fan speed setting**

- ●
- ●
- ●

**Temperature setting**

- ●
- ●
- ●

**Air flow direction**

- ●
- ●
- ●

**Permit/Prohibit switching**

- —
- —
- ●

**Weekly program**

- ●
- ●
- —

All specifications are subject to change without notice.