

Panasonic

PACi

60

60th Anniversary
heating & cooling solutions



NEW PACi HIGH STATIC PRESSURE HIDE AWAY

- High ESP (external static pressure) up to 150 Pa
- Automatic learning function for the required static pressure on site during commissioning*
- DC FAN for better efficiency and control
- Built in drain pump
- datanavi simple support tool app with remote controller (CZ-RTC5B)
- Twin split options
- Easy connection and control of external fan or ERV using the connector PAW-FDC on the indoor unit PCB. The external device can be control by the remote control of the Panasonic indoor unit

* A standard wired remote controller is required.

This data refers to specific units in the line-up, see full leaflet for technical details of each model.



Our heat pumps containing the refrigerant R32 show a drastic reduction in the value of Global Warming Potential (GWP).



Seasonal efficiency in cooling will bring you saving all year while heating. Energy efficiency rank from A+++ to D.



Seasonal efficiency in heating will bring you saving all year while heating. Energy efficiency rank from A+++ to D.



Wider operation Hz range of compressor realize more high efficient operation through the year. For Big PACi Series PE2.



The air conditioner works in cooling only mode with an outdoor temperature of -10°C.



The air conditioner works in heat pump mode even when outdoor temperatures are as low as -15°C.



DC Fan: Save and precise.



Filter Included



The Panasonic renewal system allows good quality existing R410A or R22 pipe work to be re-used whilst installing new high efficiency R32 systems.



Next generation system providing a user-friendly remote control of air conditioning or heat pump units from everywhere via internet.



Communication port to integrate the unit to home and building management systems most known standards.

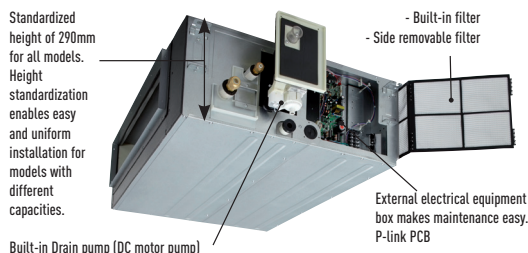


5 Years Warranty. We guarantee the outdoor unit compressors in the entire range for five years.

NEW PACi High Static Pressure Hide Away Inverter+

The ducted systems are the ideal solution for flexible, concealed air conditioning and the optional 200mm spigots ensure simple, hassle-free connection to spiral ductwork.

Easy and uniform installation



| Air Outlet Plenum (without regulation adaptor) | | |
|--|-----------|------------|
| | Diameters | Model |
| 100, 125 & 140 | 4xØ 200 | CZ-160DAF2 |

| Air Inlet Plenum | | |
|------------------|-----------|----------------|
| | Diameters | Model |
| 100, 125 & 140 | 4xØ 200 | CZ-DUMPA160MF2 |

The static pressure outside the unit can be increased up to 150 Pa

| Type | | 100 | 125 | 140 |
|---------------------------|----|-----|-----|-----|
| Standard | Pa | 100 | 100 | 100 |
| Maximum setting available | Pa | 150 | 150 | 150 |

More powerful drain pump

Using a high-lift drain pump, drain piping can be elevated up to 785mm from the base of the unit.



NEW PACi R32 Refrigerant Gas

Be ready for the future, the new generation of Panasonic

Heating and cooling systems are designed to optimize the operation with R32 refrigerant. The new R32 Refrigerant is more environmentally friendly than R410a widely used in the last years. R32 has also zero impact on the ozone layer and it has 75% less impact on global warming vs R410A.

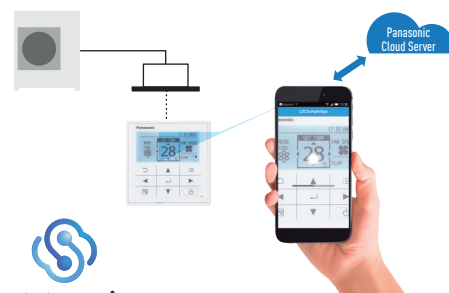


datanavi, a new way to connect. Simple and easy support tool with your smartphone.

Just holding up your smartphone to the LED display on a remote controller (CZ-RTC5B) to receive useful AC system information super fast by Panasonic Light ID Technology. Datanavi also connects to Panasonic Cloud Server for the quick view of manuals, saving data received by Light ID.

- Scan & Save AC system info
- Easy access to manual database
- Commissioning, F gas check data history

Panasonic unique Light ID technology



datanavi

What is the Light ID technology developed by Panasonic? Visible light transmission technology, which enables to transmit information by high-speed and invisible flashing of an LED light source.



U-100PZ2E5B / U-125PZ2E5B / U-140PZ2E5B / U-100PZ2E8 / U-125PZ2E8 / U-140PZ2E8



Optional Controller. Wired remote controller CZ-RTC5B Compatible with Econavi



Optional Controller. Wireless remote controller CZ-RWSK2 + CZ-RWSC3



Optional Controller. Simplified remote controller CZ-RE2C2



Optional Econavi Sensor. CZ-CENSC1

| KIT | Single Phase | | | | Three Phase | | |
|---|-------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | 10,0kW | 12,5kW | 14,0kW | 10,0kW | 12,5kW | 14,0kW | |
| Remote controller | KIT-100PF125 | KIT-125PF125 | KIT-140PF125 | KIT-100PF128 | KIT-125PF128 | KIT-140PF128 | |
| Cooling capacity | Nominal (Min - Max) kW | 10,00 (3,00 - 11,50) | 12,50 (3,20 - 13,50) | 14,00 (3,30 - 15,00) | 10,00 (3,00 - 11,50) | 12,50 (3,20 - 13,50) | 14,00 (3,30 - 15,00) |
| EER ¹⁾ | Nominal (Min - Max) W/W | 3,66 (5,36 - 2,81) A | 3,52 (5,33 - 2,80) A | 3,18 (5,32 - 2,70) B | 3,66 (5,36 - 2,81) A | 3,52 (5,33 - 2,80) A | 3,18 (5,32 - 2,70) B |
| SEER²⁾ | W/W | 5,60 A+ | 5,56 | 5,38 | 5,60 A+ | 5,54 | 5,37 |
| Heating capacity | Nominal (Min - Max) kW | 10,00 (3,00 - 14,00) | 12,50 (3,30 - 15,00) | 14,00 (3,40 - 16,00) | 10,00 (3,00 - 14,00) | 12,50 (3,30 - 15,00) | 14,00 (3,40 - 16,00) |
| COP ¹⁾ | Nominal (Min - Max) W/W | 4,31 (5,36 - 3,51) A | 4,02 (5,50 - 3,45) A | 3,79 (5,48 - 3,13) A | 4,31 (5,36 - 3,51) A | 4,02 (5,50 - 3,45) A | 3,79 (5,48 - 3,13) A |
| SCOP²⁾ | W/W | 3,80 A | 3,61 | 3,54 | 3,80 A | 3,61 | 3,54 |
| External static pressure ³⁾ | Nominal (Min - Max) Pa | 100 (10 - 150) | 100 (10 - 150) | 100 (10 - 150) | 100 (10 - 150) | 100 (10 - 150) | 100 (10 - 150) |
| Sound pressure ⁴⁾ | Hi / Med / Lo dB(A) | 38 / 34 / 31 | 39 / 35 / 32 | 40 / 36 / 33 | 38 / 34 / 31 | 39 / 35 / 32 | 40 / 36 / 33 |
| Indoor unit Dimension | H x W x D mm | 290 x 1400 x 700 | 290 x 1400 x 700 | 290 x 1400 x 700 | 290 x 1400 x 700 | 290 x 1400 x 700 | 290 x 1400 x 700 |
| Outdoor unit Dimension | H x W x D mm | 996 x 980 x 370 | 996 x 980 x 370 | 996 x 980 x 370 | 996 x 980 x 370 | 996 x 980 x 370 | 996 x 980 x 370 |
| Pipe length range / Elevation difference (in/out) ⁵⁾ | m | 5 - 50 / 30 | 5 - 50 / 30 | 5 - 50 / 30 | 5 - 50 / 30 | 5 - 50 / 30 | 5 - 50 / 30 |

| Accessories | |
|----------------------------|--|
| CZ-RTC5B | Wired remote controller with Econavi button and datanavi |
| CZ-RWSK2 + CZ-RWSC3 | Wireless remote controller |
| CZ-RE2C2 | Simplified remote controller |
| PAW-WTRAY | Tray for condenser water compatible with base ground support |

| Accessories | |
|-----------------------|--|
| PAW-GRDBSE20 | Outdoor base ground support for noise and vibration absorption |
| PAW-GRDSTD40 | Outdoor elevation platform 400x900x400mm |
| CZ-160DAF2 | Air Outlet Plenum S...PF1E5B 100, 125 & 140 |
| CZ-DUMPA160MF2 | Air Inlet Plenum S...PF1E5B 100, 125 & 140 |

1) EER and COP calculation is based in accordance to EN14511. 2) For models below 12kW, the SCOP is calculated based on values of EU/626/2011. For models above 12kW, the SCOP is calculated based on values of EU/2281/2016. 3) Medium External static pressure setting from factory. 4) The sound pressure of the units shows the value measured of a position 1m in front of the main body and 1,5 m from the ground. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 5) When installing the outdoor unit at a higher position than the indoor unit.



To find out how Panasonic cares for you, log on to: www.aircon.panasonic.eu

Panasonic Marketing Europe GmbH
Panasonic Air Conditioning
Hagenauer Strasse 43, 65203 Wiesbaden, Germany

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