

## Big PACi NX high static pressure hide-away 20,0-25,0 kW - PE4

The split-able indoor unit design facilitates easy piping work. nanoe™ X technology equipped as standard for improved indoor air quality.





[+ SEE PRODUCT SPECIFICATIONS](#)

## 1 Compact and light indoor body

Compact and light indoor body, keeping the high efficiency, has a split-able design for easy installation within a limited narrow space. Plus ease of maintenance due to the simplified disassembly design.

## 2 Easy pipe work with split-able hide-away indoor design

Heat exchanger and fan elements (fan + casing) can be separated during installation. The hide-away indoor unit is easily reassembled and will fit through a narrow space.

## 3 High external static pressure, maximum 200 Pa\* setting

A high static pressure enables the use of long ducts for installation in a wide range of spaces.

\* For model S-250PE4E.

## 4 Comfort operation

- nanoe™ X as standard for improved indoor air quality
- Smartphone control-ready with the Panasonic Comfort Cloud App <sup>1)</sup>

1) Panasonic Wi-Fi Adaptor CZ-CAPWFC2 is required.

### Improved indoor air quality with nanoe™ X

The nanoe™ X technology is now available for the Big PACi NX range from 20,0-25,0 kW.

The PE4 model is equipped with Generator Mark 3, generating 48 trillion hydroxyl radicals/sec, specifically designed to accommodate long duct piping applications.



### Maximum 200 Pa\* static pressure setting

A high static pressure enables the use of long ducts for installation in a wide range of spaces.

### 3-step static pressure set up.

Selectable of static pressure modes can change 200 Pa / 130 Pa / 75 Pa for extra installation flexibility.

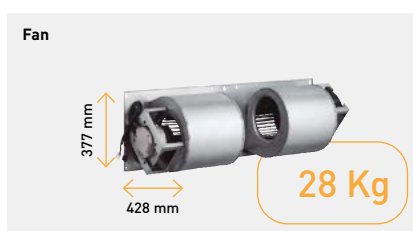
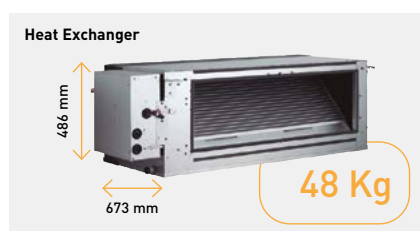
\* For model S-250PE4E.



### Easy installation with light components

Indoor unit can easily be split into 3 components, the heaviest of which weighs only 48 kg.

Dimensions of each component (lightweight design for easy disassembly).



The weight is for S-250PE4E model.

## Big PACi NX high static pressure hide-away 20,0-25,0 kW · R32

## Optional:



**CONEX** wired remote controller, white.  
CZ-RTC6W/BL/BLW2



**CONEX** wired remote controller, black.  
CZ-RTC6/BL/BLW2



Infrared remote controller.  
CZ-RWS3 + CZ-RWRC3



Econavi sensor.  
CZ-CENSC1



CZ-RTC5B



**nanoe™ X** as a standard.

|                                                     |                     |                     | Three phase                  |                              |
|-----------------------------------------------------|---------------------|---------------------|------------------------------|------------------------------|
|                                                     |                     |                     | 20,0 kW                      | 25,0 kW                      |
| Kit                                                 |                     |                     | KIT-200PE4ZH8                | KIT-250PE4ZH8                |
| Remote controller                                   |                     |                     | CZ-RTC5B                     | CZ-RTC5B                     |
| Cooling capacity                                    | Nominal (Min - Max) | kW                  | 19,0 [5,7 - 20,0]            | 22,0 [6,1 - 25,6]            |
| EER <sup>1)</sup>                                   | Nominal (Min - Max) | W/W                 | 3,20 [2,78 - 4,60]           | 2,74 [2,49 - 4,88]           |
| $\eta_{s,c}$ <sup>2)</sup>                          |                     |                     | <b>237,8%</b>                | <b>213,0%</b>                |
| P <sub>design</sub>                                 |                     | kW                  | 19,0                         | 22,0                         |
| Input power                                         | Nominal (Min - Max) | kW                  | 5,93 [1,24 - 7,20]           | 8,04 [1,25 - 10,30]          |
| Heating capacity                                    | Nominal (Min - Max) | kW                  | 22,4 [5,0 - 24,5]            | 24,0 [5,5 - 27,6]            |
| Heating capacity at -15 °C <sup>3)</sup>            | Max                 | kW                  | 16,8                         | 19,0                         |
| COP <sup>1)</sup>                                   | Nominal (Min - Max) | W/W                 | 3,55 [3,27 - 4,76]           | 3,55 [3,07 - 4,78]           |
| $\eta_{s,h}$ <sup>2)</sup>                          |                     |                     | <b>146,0%</b>                | <b>145,0%</b>                |
| P <sub>design</sub> at -10 °C                       |                     | kW                  | 16,0                         | 17,2                         |
| Input power                                         | Nominal (Min - Max) | kW                  | 6,31 [1,05 - 7,50]           | 6,76 [1,15 - 9,00]           |
| Indoor unit                                         |                     |                     | S-200PE4E                    | S-250PE4E                    |
| External static pressure at shipment (adjustable)   | Pa                  |                     | 75 <sup>4)</sup> [120 / 180] | 75 <sup>4)</sup> [130 / 200] |
| Air flow                                            | Hi / Med / Lo       | m <sup>3</sup> /min | 72/63/53                     | 84/72/59                     |
| Sound pressure <sup>5)</sup>                        | Hi / Med / Lo       | dB(A)               | 46/44/41                     | 47/45/42                     |
| Dimension / Net weight                              | H x W x D           | mm / kg             | 486 x 1456 x 916 / 83        | 486 x 1456 x 916 / 87        |
| nanoe X Generator                                   |                     |                     | Mark 3                       | Mark 3                       |
| Outdoor unit                                        |                     |                     | U-200PZH4E8                  | U-250PZH4E8                  |
| Power supply                                        | V / ph / Hz         |                     | 380 - 400 - 415 / 3 / 50     | 380 - 400 - 415 / 3 / 50     |
| Recommended fuse                                    | A                   |                     | 30                           | 30                           |
| Air flow                                            | Cool / Heat         | m <sup>3</sup> /min | 116/136                      | 116/148                      |
| Sound pressure                                      | Cool / Heat (Hi)    | dB(A)               | 57/61                        | 57/63                        |
| Sound power                                         | Cool / Heat (Hi)    | dB(A)               | 76/80                        | 76/82                        |
| Dimension <sup>6)</sup> / Net weight                | H x W x D           | mm / kg             | 996 x 1140 x 460 / 109       | 996 x 1140 x 460 / 109       |
| Piping diameter                                     | Liquid / Gas        | Inch (mm)           | 1/2 (12,7) / 7/8 (22,22)     | 1/2 (12,7) / 7/8 (22,22)     |
| Pipe length range / Elevation difference (in / out) | m / m               |                     | 5 ~ 100 / 30                 | 5 ~ 100 / 30                 |
| Pre-charged pipe length / Additional gas amount     | m / g/m             |                     | 30 / 80                      | 30 / 80                      |
| Refrigerant (R32) / CO <sub>2</sub> Eq.             | kg / T              |                     | 4,8 / 3,24                   | 4,8 / 3,24                   |
| Operating range                                     | Cool Min ~ Max      | °C                  | -15 ~ +52                    | -15 ~ +52                    |
|                                                     | Heat Min ~ Max      | °C                  | -20 ~ +35                    | -20 ~ +35                    |

1) EER and COP calculation is based in accordance to EN 14511. 2) Energy Label Scale from A+++ to D. For models above 12 kW, the  $\eta_{s,c}$  /  $\eta_{s,h}$  values is calculated based on EN 14825. 3) The value is based on the interpolation. 4) Factory setting. 5) The sound pressure of the units shows the value measured of the position 1,5 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 6) Add 100 mm for indoor unit or 70 mm for outdoor unit for piping port.

## Accessories

|                     |                                                                |
|---------------------|----------------------------------------------------------------|
| <b>CZ-RTC6W</b>     | CONEX wired remote controller (non-wireless), white            |
| <b>CZ-RTC6WBL</b>   | CONEX wired remote controller with Bluetooth®, white           |
| <b>CZ-RTC6WBLW2</b> | CONEX wired remote controller with Wi-Fi and Bluetooth®, white |
| <b>CZ-RTC6</b>      | CONEX wired remote controller (non-wireless), black            |
| <b>CZ-RTC6BL</b>    | CONEX wired remote controller with Bluetooth®, black           |
| <b>CZ-RTC6BLW2</b>  | CONEX wired remote controller with Wi-Fi and Bluetooth®, black |
| <b>CZ-RTC5B</b>     | Wired remote controller with Econavi function                  |

## Accessories

|                           |                                                                           |
|---------------------------|---------------------------------------------------------------------------|
| <b>CZ-RWS3 + CZ-RWRC3</b> | Infrared remote controller and receiver                                   |
| <b>CZ-CAPWFC2</b>         | Commercial Wi-Fi Adaptor                                                  |
| <b>PAW-PACR4</b>          | Interface to run up to 4 indoor unit groups on backup and alternative run |
| <b>PAW-GRDSTD1100</b>     | Outdoor ground stand                                                      |
| <b>PAW-GRDBSE20</b>       | Outdoor base ground support for noise and vibration absorption            |
| <b>CZ-CENSC1</b>          | Econavi energy saving sensor                                              |

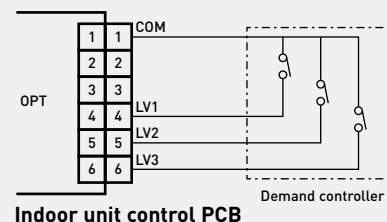
## Demand response compliant as a standard function

Several setting levels are available:

- Level-1, 2, 3: 75 / 50 / 0%
- Level-1, 2 can be set in 40 - 100% (40, 45, 50...95, 100: each 5%)

It allows for forced stop which can be used for fire-alarm connection on LV3.

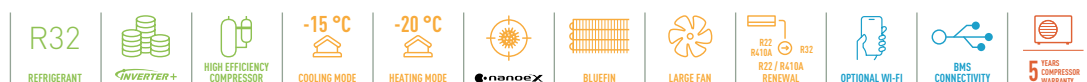
\* PAW-OPT-NX is required.



Indoor unit control PCB

Demand controller

**+** COMPATIBLE WITH ALL PANASONIC CONNECTIVITY SOLUTIONS. FOR DETAILED INFORMATION GO TO THE CONTROL SYSTEMS SECTION



INTERNET CONTROL: Optional.