

**NEW Big PACi NX high static pressure hide-away 20,0-25,0 kW - R32**

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

**Optional:**



|   |                     |                     | 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]           |
| <b>SEER / η<sub>s,c</sub> <sup>2)</sup></b>         |                     |                     | <b>237,8%</b>                | <b>213,0%</b>                |
| Pdesign   |                     | 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]            |
| COP <sup>1)</sup>                                   | Nominal (Min - Max) | W/W                 | 3,55 [3,27 - 4,76]           | 3,55 [3,07 - 4,78]           |
| <b>SCOP / η<sub>s,h</sub> <sup>2)</sup></b>         |                     |                     | <b>146,0%</b>                | <b>145,0%</b>                |
| Pdesign 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]           |
| <b>Indoor unit</b>                                  |                     |                     | <b>S-200PE4E</b>             | <b>S-250PE4E</b>             |
| Power supply  |                     | V / ph / Hz         | 220 - 230 - 240 / 1 / 50     | 220 - 230 - 240 / 1 / 50     |
| External static pressure at shipment (adjustable)   |                     | Pa                  | 75 <sup>3)</sup> [120 / 180] | 75 <sup>3)</sup> [130 / 200] |
| Air flow  | Hi / Med / Lo       | m <sup>3</sup> /min | 72 / 63 / 53                 | 84 / 72 / 59                 |
| Sound pressure <sup>4)</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        |
| <b>Outdoor unit</b>                                 |                     |                     | <b>U-200PZH4E8</b>           | <b>U-250PZH4E8</b>           |
| 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>5)</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 EN14511. 2) For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the η<sub>s,c</sub> / η<sub>s,h</sub> values is calculated based on EN 14825. 3) Factory setting. 4) 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. 5) 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-RTC6WBLW</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-RTC6BLW</b>         | CONEX wired remote controller with Wi-Fi and Bluetooth®, black |
| <b>CZ-RTC5B</b>           | Wired remote controller with Econavi function and datanavi     |
| <b>CZ-RWS3 + CZ-RWRC3</b> | Infrared remote controller and receiver                        |

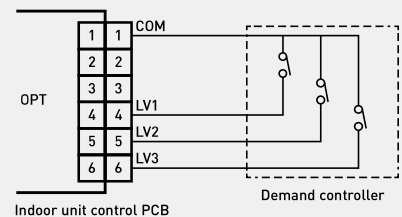
| Accessories              |   |
|--------------------------|---|
| <b>CZ-CAPWFC1</b>        | Commercial Wi-Fi Adaptor  |
| <b>PAW-PACR4</b>         | Interface to run up to 4 indoor unit groups on backup and alternative run |
| <b>PAW-GRDSTD1100</b>    | Outdoor ground stand  |
| <b>PAW-GRDSTDHTR1100</b> | Outdoor base pan heater   |
| <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.



INTERNET CONTROL: Optional.

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

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

Optional:



|   |                     |                     | Three phase                  |                              |
|---|---------------------|---------------------|------------------------------|------------------------------|
|   |                     |                     | 20,0 kW                      | 25,0 kW                      |
| Kit   |                     |                     | KIT-200PE3ZH8                | KIT-250PE3ZH8                |
| Remote controller                                   |                     |                     | CZ-RTC5B                     | CZ-RTC5B                     |
| Cooling capacity                                    | Nominal (Min - Max) | kW                  | 19,5 [5,7 - 21,0]            | 23,2 [6,1 - 27,0]            |
| EER <sup>1)</sup>                                   | Nominal (Min - Max) | W/W                 | 3,22 [3,09 - 4,52]           | 3,11 [2,93 - 4,59]           |
| <b>SEER / η<sub>s,c</sub> <sup>2)</sup></b>         |                     |                     | <b>207,0%</b>                | <b>190,6%</b>                |
| P <sub>design</sub>                                 |                     | kW                  | 19,5                         | 23,2                         |
| Input power   | Nominal (Min - Max) | kW                  | 6,06 [1,26 - 6,80]           | 7,46 [1,33 - 9,20]           |
| Heating capacity                                    | Nominal (Min - Max) | kW                  | 22,4 [5,0 - 25,0]            | 28,0 [5,5 - 29,0]            |
| COP <sup>1)</sup>                                   | Nominal (Min - Max) | W/W                 | 3,61 [3,16 - 4,76]           | 3,41 [3,05 - 5,00]           |
| <b>SCOP / η<sub>s,h</sub> <sup>2)</sup></b>         |                     |                     | <b>141,3%</b>                | <b>142,7%</b>                |
| P <sub>design</sub> at -10 °C                       |                     | kW                  | 17,0                         | 20,0                         |
| Input power   | Nominal (Min - Max) | kW                  | 6,21 [1,05 - 7,90]           | 8,21 [1,10 - 9,50]           |
| <b>Indoor unit</b>                                  |                     |                     | <b>S-200PE3E5B</b>           | <b>S-250PE3E5B</b>           |
| Power supply  |                     | V / ph / Hz         | 220 - 230 - 240 / 1/50       | 220 - 230 - 240 / 1/50       |
| External static pressure at shipment (adjustable)   |                     | Pa                  | 75 <sup>3)</sup> [120 / 180] | 75 <sup>3)</sup> [130 / 200] |
| Air flow  | Hi / Med / Lo       | m <sup>3</sup> /min | 72 / 63 / 53                 | 84 / 72 / 59                 |
| Sound pressure <sup>4)</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 / 86        | 486 x 1456 x 916 / 88        |
| <b>Outdoor unit</b>                                 |                     |                     | <b>U-200PZH2E8</b>           | <b>U-250PZH2E8</b>           |
| 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 | 164 / 164                    | 160 / 160                    |
| Sound pressure                                      | Cool / Heat (Hi)    | dB(A)               | 59 / 61                      | 59 / 63                      |
| Sound power   | Cool / Heat (Hi)    | dB(A)               | 77 / 79                      | 78 / 82                      |
| Dimension <sup>5)</sup> / Net weight                | H x W x D           | mm / kg             | 1500 x 980 x 370 / 117       | 1500 x 980 x 370 / 128       |
| Piping diameter                                     | Liquid / Gas        | Inch (mm)           | 3/8 [9,52] / 1 [25,40]       | 1/2 [12,70] / 1 [25,40]      |
| Pipe length range / Elevation difference (in / out) | m / m               |                     | 5 - 90 / 30                  | 5 - 60 / 30                  |
| Pre-charged pipe length / Additional gas amount     | m / g/m             |                     | 30 / 60                      | 30 / 80                      |
| Refrigerant (R32) / CO <sub>2</sub> Eq.             |                     | kg / T              | 4,20 / 2,835                 | 5,20 / 3,51                  |
| Operating range                                     | Cool Min ~ Max      | °C                  | -15 ~ +46                    | -15 ~ +46                    |
|   | Heat Min ~ Max      | °C                  | -20 ~ +24                    | -20 ~ +24                    |

1) EER and COP calculation is based in accordance to EN14511. 2) For models below 12 kW, the SEER and SCOP is calculated based on values of EU/626/2011. For models above 12 kW, the η<sub>s,c</sub> / η<sub>s,h</sub> values is calculated based on EN 14825. 3) Factory setting. 4) 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. 5) Add 100 mm for indoor unit or 70 mm for outdoor unit for piping port. \* No filter included.

| 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-RTC6</b>            | CONEX wired remote controller (non-wireless), black        |
| <b>CZ-RTC6BL</b>          | CONEX wired remote controller with Bluetooth®, black       |
| <b>CZ-RTC5B</b>           | Wired remote controller with Econavi function and datanavi |
| <b>CZ-RWS3 + CZ-RWRC3</b> | Infrared remote controller and receiver                    |

| Accessories         |   |
|---------------------|---|
| <b>CZ-CAPDC3</b>    | Demand control for PACi and Mini ECOi outdoor units                       |
| <b>CZ-CAPWFC1</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-GRDBSE20</b> | Outdoor base ground support for noise and vibration absorption            |
| <b>PAW-GRDSTD40</b> | Outdoor elevation platform 400 x 900 x 400 mm                             |
| <b>CZ-CENSC1</b>    | Econavi energy saving sensor  |

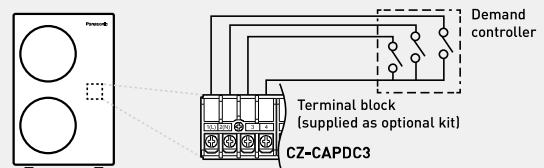
Demand response compliant as a standard function

**CZ-CAPDC3. This terminal allows demand control of the outdoor unit.**

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%]

CZ-CAPDC3 also allows for forced stop which can be used for fire-alarm connection on LV3.



INTERNET CONTROL: Optional.

Rating conditions: Cooling indoor 27 °C DB / 19 °C WB, Cooling outdoor 35 °C DB / 24 °C WB, Heating indoor 20 °C DB, Heating outdoor 7 °C DB / 6 °C WB, (DB: Dry Bulb; WB: Wet Bulb). Specifications subject to change without notice. For detailed information about ErP / Energy Labelling, please visit our websites www.aircon.panasonic.eu or www.ptc.panasonic.eu.