

## PACi NX Series Elite and Standard 4 way 60x60 cassette - PY3 - R32

- From 2,5 to 6,0 kW [4 capacity sizes]
- Maximum SEER: 7,3 A++ / SCOP: 4,7 A++\*
- Built-in drain pump
- DC drain pump and float switch to reduce the noise
- nanoe™ X (Generator Mark 2: 9,6 trillion hydroxyl radicals/sec) as standard for better indoor air quality

\* For Elite 3,6 KW model.



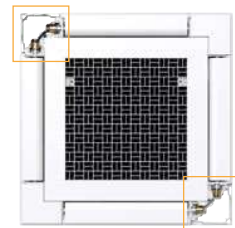
| Elite   |                     |                     | Single phase       |                    |                           |
|---|---------------------|---------------------|--------------------|--------------------|---------------------------|
|   |                     |                     | 3,6 kW             | 5,0 kW             | 6,0 kW                    |
| Kit   |                     |                     | KIT-36PY3ZH5       | KIT-50PY3ZH5       | KIT-60PY3ZH5              |
| Remote controller                             |                     |                     | CZ-RTC5B           | CZ-RTC5B           | CZ-RTC5B                  |
| Cooling capacity                              | Nominal (Min - Max) | kW                  | 3,6(1,2 - 4,0)     | 5,0(1,2 - 5,6)     | 6,0(1,2 - 6,5)            |
| EER <sup>1)</sup>                             | Nominal (Min - Max) | W/W                 | 4,50(4,04 - 5,45)  | 3,76(3,41 - 5,45)  | 3,43(2,77 - 5,45)         |
| <b>SEER <sup>2)</sup></b>                     |                     |                     | <b>7,3 A++</b>     | <b>7,0 A++</b>     | <b>6,7 A++</b>            |
| Pdesign                                       |                     | kW                  | 3,6                | 5,0                | 6,0                       |
| Input power                                   | Nominal (Min - Max) | kW                  | 0,80(0,22 - 0,99)  | 1,33(0,22 - 1,64)  | 1,75(0,20 - 2,35)         |
| Annual energy consumption <sup>3)</sup>       |                     | kWh/a               | 400                | 685                | 875                       |
| Heating capacity                              | Nominal (Min - Max) | kW                  | 4,0(1,2 - 5,0)     | 5,6(1,2 - 6,5)     | 7,0(1,2 - 7,5)            |
| COP <sup>1)</sup>                             | Nominal (Min - Max) | W/W                 | 4,12(3,45 - 5,45)  | 3,37(2,95 - 5,45)  | 3,35(3,38 - 5,45)         |
| <b>SCOP <sup>2)</sup></b>                     |                     |                     | <b>4,7 A++</b>     | <b>4,6 A++</b>     | <b>4,3 A+</b>             |
| Pdesign at -10 °C                             |                     | kW                  | 3,6                | 4,5                | 4,6                       |
| Input power                                   | Nominal (Min - Max) | kW                  | 0,97(0,22 - 1,45)  | 1,66(0,22 - 2,20)  | 2,09(0,22 - 2,22)         |
| Annual energy consumption <sup>3)</sup>       |                     | kWh/a               | 1073               | 1370               | 1495                      |
| <b>Indoor unit</b>                            |                     |                     | <b>S-36PY3E</b>    | <b>S-50PY3E</b>    | <b>S-60PY3E</b>           |
| Air flow                                      | Hi / Med / Lo       | m <sup>3</sup> /min | 9,5/7,5/6,0        | 12,0/9,5/6,5       | 14,0/10,5/8,0             |
| Moisture removal volume                       |                     | L/h                 | 1,5                | 2,5                | 2,8                       |
| Sound pressure <sup>4)</sup>                  | Hi / Med / Lo       | dB(A)               | 34/30/25           | 39/34/27           | 43/37/31                  |
| Sound power                                   | Hi / Med / Lo       | dB(A)               | 49/45/40           | 54/49/42           | 58/52/46                  |
| Dimension                                     | Indoor (HxWxD)      | mm                  | 243x575x575        | 243x575x575        | 243x575x575               |
|   | Panel (HxWxD)       | mm                  | 30x625x625         | 30x625x625         | 30x625x625                |
| Net weight                                    | Indoor / Panel      | kg                  | 15/2,8             | 15/2,8             | 15/2,8                    |
| nanoe X Generator                             |                     |                     | Mark 2             | Mark 2             | Mark 2                    |
| <b>Outdoor unit</b>                           |                     |                     | <b>U-36PZH3E5</b>  | <b>U-50PZH3E5</b>  | <b>U-60PZH3E5</b>         |
| Power supply                                  |                     | V                   | 220 - 230 - 240    | 220 - 230 - 240    | 220 - 230 - 240           |
| Current                                       | Cool                | A                   | 3,95 - 3,60 - 3,60 | 5,30 - 5,00 - 5,75 | 8,20 - 7,85 - 7,60        |
|   | Heat                | A                   | 4,75 - 4,55 - 4,35 | 7,85 - 7,50 - 7,20 | 9,70 - 9,25 - 8,90        |
| Air flow                                      | Cool / Heat         | m <sup>3</sup> /min | 34,1/36,4          | 42,0/42,0          | 42,0/42,0                 |
| Sound pressure                                | Cool / Heat (Hi)    | dB(A)               | 43/44              | 46/48              | 47/50                     |
| Sound power                                   | Cool / Heat (Hi)    | dB(A)               | 62/64              | 64/67              | 65/69                     |
| Dimension                                     | H x W x D           | mm                  | 695 x 875 x 320    | 695 x 875 x 320    | 695 x 875 x 320           |
| Net weight                                    |                     | kg                  | 42                 | 42                 | 43                        |
| Piping diameter                               | Liquid              | Inch (mm)           | 1/4 (6,35)         | 1/4 (6,35)         | 1/4 (6,35) <sup>5)</sup>  |
|   | Gas                 | Inch (mm)           | 1/2 (12,70)        | 1/2 (12,70)        | 1/2 (12,70) <sup>6)</sup> |
| Pipe length range                             |                     | m                   | 3 - 40             | 3 - 40             | 3 - 40                    |
| Elevation difference (in / out) <sup>7)</sup> |                     | m                   | 15/30              | 15/30              | 15/30                     |
| Pre-charged pipe length                       |                     | m                   | 30                 | 30                 | 30                        |
| Additional gas amount                         |                     | g/m                 | 15                 | 15                 | 15                        |
| Refrigerant (R32) / CO <sub>2</sub> Eq.       |                     | kg / T              | 1,13/0,76          | 1,13/0,76          | 1,15/0,78                 |
| Operating range                               | Cool Min - Max      | °C                  | -15 ~ +46          | -15 ~ +46          | -15 ~ +46                 |
|   | Heat Min - Max      | °C                  | -20 ~ +24          | -20 ~ +24          | -20 ~ +24                 |

### Compact and stylish design

- Required ceiling depth of only 250 mm
- Exposed area is only 30 mm

### Individual flap control

Better control of the air flow with 4 motors, providing individual flap control. Perfect air distribution without direct airflow, to reduce the feeling of cold drafts.



SEER and SCOP: For S-36PY3E + U-36PZH3E5. ECONAVI and INTERNET CONTROL: Optional.



CZ-RTC5B



Panel CZ-KPY4

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

Optional:



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



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



Infrared remote controller. CZ-RWS3 + CZ-RWRV3



Econavi sensor. CZ-CENSC1

| Standard                                      |                     |                     | Single phase       |                    |                     |                           |
|---|---------------------|---------------------|--------------------|--------------------|---------------------|---------------------------|
|   |                     |                     | 2,5 kW             | 3,6 kW             | 5,0 kW              | 6,0 kW                    |
| Kit   |                     |                     | KIT-25PY3Z5        | KIT-36PY3Z5        | KIT-50PY3Z5         | KIT-60PY3Z5               |
| Remote controller                             |                     |                     | CZ-RTC5B           | CZ-RTC5B           | CZ-RTC5B            | CZ-RTC5B                  |
| Cooling capacity                              | Nominal (Min - Max) | kW                  | 2,5(1,5 - 3,9)     | 3,6(1,5 - 4,0)     | 5,0(1,5 - 5,6)      | 6,0(2,0 - 7,0)            |
| EER <sup>1)</sup>                             | Nominal (Min - Max) | W/W                 | 4,46(3,55 - 5,88)  | 3,96(3,57 - 5,88)  | 3,50(3,03 - 6,25)   | 3,39(2,77 - 6,90)         |
| <b>SEER <sup>2)</sup></b>                     |                     |                     | <b>6,5 A++</b>     | <b>6,7 A++</b>     | <b>7,3 A++</b>      | <b>6,8 A++</b>            |
| Pdesign                                       |                     | kW                  | 2,5                | 3,6                | 5,0                 | 6,0                       |
| Input power                                   | Nominal (Min - Max) | kW                  | 0,56(0,26 - 1,10)  | 0,91(0,26 - 1,12)  | 1,43(0,24 - 1,85)   | 1,77(0,29 - 2,53)         |
| Annual energy consumption <sup>3)</sup>       |                     | kWh/a               | 134                | 188                | 238                 | 3,05                      |
| Heating capacity                              | Nominal (Min - Max) | kW                  | 3,2(1,5 - 4,6)     | 3,6(1,5 - 4,6)     | 5,0(1,5 - 6,4)      | 6,0(1,8 - 7,0)            |
| COP <sup>1)</sup>                             | Nominal (Min - Max) | W/W                 | 4,44(3,41 - 6,52)  | 4,29(3,38 - 6,52)  | 3,94(2,91 - 7,50)   | 3,61(2,86 - 7,60)         |
| <b>SCOP <sup>2)</sup></b>                     |                     |                     | <b>4,6 A++</b>     | <b>4,3 A+</b>      | <b>4,4 A+</b>       | <b>4,2 A+</b>             |
| Pdesign at -10 °C                             |                     | kW                  | 2,8                | 2,8                | 4,0                 | 4,6                       |
| Input power                                   | Nominal (Min - Max) | kW                  | 0,72(0,23 - 1,35)  | 0,84(0,23 - 1,36)  | 1,27(0,20 - 2,20)   | 1,66(0,24 - 2,45)         |
| Annual energy consumption <sup>3)</sup>       |                     | kWh/a               | 850                | 912                | 1264                | 1500                      |
| <b>Indoor unit</b>                            |                     |                     | <b>S-25PY3E</b>    | <b>S-36PY3E</b>    | <b>S-50PY3E</b>     | <b>S-60PY3E</b>           |
| Air flow                                      | Hi / Med / Lo       | m <sup>3</sup> /min | 8,5/7,0/6,0        | 9,5/7,0/6,0        | 12,0/9,5/6,5        | 14,0/10,5/8,0             |
| Moisture removal volume                       |                     | L/h                 | 0,7                | 1,5                | 2,3                 | 2,8                       |
| Sound pressure <sup>4)</sup>                  | Hi / Med / Lo       | dB(A)               | 31/28/25           | 34/30/25           | 39/34/27            | 43/37/31                  |
| Sound power                                   | Hi / Med / Lo       | dB(A)               | 46/43/40           | 49/45/40           | 54/49/42            | 58/52/46                  |
| Dimension                                     | Indoor (HxWxD)      | mm                  | 243x575x575        | 243x575x575        | 243x575x575         | 243x575x575               |
|   | Panel (HxWxD)       | mm                  | 30x625x625         | 30x625x625         | 30x625x625          | 30x625x625                |
| Net weight                                    | Indoor / Panel      | kg                  | 15/2,8             | 15/2,8             | 15/2,8              | 15/2,8                    |
| nanoe X Generator                             |                     |                     | Mark 2             | Mark 2             | Mark 2              | Mark 2                    |
| <b>Outdoor unit</b>                           |                     |                     | <b>U-25PZ3E5</b>   | <b>U-36PZ3E5</b>   | <b>U-50PZ3E5</b>    | <b>U-60PZ3E5A</b>         |
| Power supply                                  |                     | V                   | 220 - 230 - 240    | 220 - 230 - 240    | 220 - 230 - 240     | 220 - 230 - 240           |
| Current                                       | Cool                | A                   | 2,65 - 2,55 - 2,45 | 4,20 - 4,05 - 3,85 | 6,65 - 6,35 - 6,10  | 8,20 - 7,85 - 7,55        |
|   | Heat                | A                   | 3,40 - 3,25 - 3,10 | 3,95 - 3,75 - 3,60 | 5,695 - 5,70 - 5,45 | 7,70 - 7,35 - 7,05        |
| Air flow                                      | Cool / Heat         | m <sup>3</sup> /min | 33,6/34,0          | 32,6/34,0          | 32,7/31,9           | 42,6/41,5                 |
| Sound pressure                                | Cool / Heat (Hi)    | dB(A)               | 46/47              | 46/47              | 47/48               | 47/48                     |
| Sound power                                   | Cool / Heat (Hi)    | dB(A)               | 64/66              | 64/66              | 64/64               | 64/65                     |
| Dimension                                     | H x W x D           | mm                  | 619 x 824 x 299    | 619 x 824 x 299    | 619 x 824 x 299     | 695 x 875 x 320           |
| Net weight                                    |                     | kg                  | 32                 | 32                 | 35                  | 46                        |
| Piping diameter                               | Liquid              | Inch (mm)           | 1/4 (6,35)         | 1/4 (6,35)         | 1/4 (6,35)          | 1/4 (6,35) <sup>5)</sup>  |
|   | Gas                 | Inch (mm)           | 1/2 (12,70)        | 1/2 (12,70)        | 1/2 (12,70)         | 1/2 (12,70) <sup>6)</sup> |
| Pipe length range                             |                     | m                   | 3 - 15             | 3 - 15             | 3 - 20              | 3 - 40                    |
| Elevation difference (in / out) <sup>7)</sup> |                     | m                   | 15/15              | 15/15              | 15/15               | 15/30                     |
| Pre-charged pipe length                       |                     | m                   | 7,5                | 7,5                | 7,5                 | 30                        |
| Additional gas amount                         |                     | g/m                 | 10                 | 10                 | 15                  | 15                        |
| Refrigerant (R32) / CO <sub>2</sub> Eq.       |                     | kg / T              | 0,87/0,59          | 0,87/0,59          | 1,14/0,77           | 1,15/0,78                 |
| Operating range                               | Cool Min - Max      | °C                  | -10 ~ +43          | -10 ~ +43          | -10 ~ +43           | -10 ~ +43                 |
|   | Heat Min - Max      | °C                  | -15 ~ +24          | -15 ~ +24          | -15 ~ +24           | -15 ~ +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 n<sub>sc</sub> / n<sub>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) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side (indoor unit). 6) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 7) Outdoor unit located lower / outdoor unit located higher. \* Recommended fuse for the indoor 3 A. \*\* Above values are in the case of nanoe™ X OFF.

| 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-RWRV3</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-WTRAY</b>    | Tray for condenser water compatible with outdoor elevation platform       |
| <b>PAW-GRDBSE20</b> | Outdoor base ground support for noise and vibration absorption            |
| <b>PAW-GRDSTD40</b> | Outdoor elevation platform 400x900x400 mm                                 |
| <b>CZ-CENSC1</b>    | Econavi energy saving sensor  |



SEER: For S-50PY3E + U-50PZ3E5. SCOP: For S-25PY3E + U-25PZ3E5. ECONAVI and 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.

## PACi NX Series Elite 4 way 90x90 cassette - PU3 · R32

## 4 way 90x90 cassette - PU3.

Powerful turbo fan and intelligent Econavi sensor ensure high energy efficiency, and nanoe™ X, which is equipped as standard, provides an exceptional level of indoor air quality.



|   |                     |                     | Single phase       |                    |                           |                    |                         |                         |                         |  |
|---|---------------------|---------------------|--------------------|--------------------|---------------------------|--------------------|-------------------------|-------------------------|-------------------------|--|
|   |                     |                     | 3,6 kW             | 5,0 kW             | 6,0 kW                    | 7,1 kW             | 10,0 kW                 | 12,5 kW                 | 14,0 kW                 |  |
| Kit   |                     |                     | KIT-36PU3ZH5       | KIT-50PU3ZH5       | KIT-60PU3ZH5              | KIT-71PU3ZH45      | KIT-100PU3ZH45          | KIT-125PU3ZH45          | KIT-140PU3ZH45          |  |
| Remote controller                             |                     |                     | CZ-RTC5B           | CZ-RTC5B           | CZ-RTC5B                  | CZ-RTC5B           | CZ-RTC5B                | CZ-RTC5B                | CZ-RTC5B                |  |
| Cooling capacity                              | Nominal (Min - Max) | kW                  | 3,6(1,2 - 4,0)     | 5,0(1,2 - 5,6)     | 6,0(1,2 - 7,1)            | 7,1(2,2 - 9,0)     | 9,5(3,1 - 12,5)         | 12,5(3,2 - 14,0)        | 13,4(3,3 - 16,0)        |  |
| EER <sup>1)</sup>                             | Nominal (Min - Max) | W/W                 | 5,45(4,60 - 5,45)  | 4,31(3,86 - 5,45)  | 4,05(3,02 - 5,45)         | 4,06(2,69 - 5,79)  | 4,42(3,42 - 5,34)       | 3,80(3,08 - 5,33)       | 3,60(2,74 - 5,32)       |  |
| SEER / η <sub>s,c</sub> <sup>2)</sup>         |                     |                     | <b>8,9 A+++</b>    | <b>8,6 A+++</b>    | <b>8,0 A++</b>            | <b>7,7 A++</b>     | <b>7,8 A++</b>          | <b>304,3%</b>           | <b>286,6%</b>           |  |
| Pdesign                                       |                     | kW                  | 3,6                | 5,0                | 6,0                       | 7,1                | 9,5                     | 12,5                    | 13,4                    |  |
| Input power                                   | Nominal (Min - Max) | kW                  | 0,66(0,22 - 0,87)  | 1,16(0,22 - 1,45)  | 1,48(0,22 - 2,35)         | 1,75(0,38 - 3,35)  | 2,15(0,58 - 3,65)       | 3,29(0,60 - 4,55)       | 3,72(0,62 - 5,85)       |  |
| Annual energy consumption <sup>3)</sup>       |                     | kWh/a               | 142                | 203                | 263                       | 323                | 426                     | —                       | —                       |  |
| Heating capacity                              | Nominal (Min - Max) | kW                  | 4,0(1,2 - 5,0)     | 5,6(1,2 - 6,5)     | 7,0(1,2 - 8,0)            | 8,0(2,0 - 9,0)     | 11,2(3,1 - 14,0)        | 14,0(3,2 - 16,0)        | 16,0(3,3 - 18,0)        |  |
| COP <sup>1)</sup>                             | Nominal (Min - Max) | W/W                 | 5,41(4,55 - 5,45)  | 4,24(4,19 - 5,45)  | 4,02(3,40 - 5,45)         | 4,30(3,16 - 5,56)  | 5,00(3,64 - 5,54)       | 4,61(3,37 - 5,52)       | 4,30(3,27 - 5,50)       |  |
| SCOP / η <sub>s,h</sub> <sup>2)</sup>         |                     |                     | <b>5,1 A+++</b>    | <b>4,9 A++</b>     | <b>4,8 A++</b>            | <b>4,8 A++</b>     | <b>4,9 A++</b>          | <b>186,0%</b>           | <b>181,2%</b>           |  |
| Pdesign at -10 °C                             |                     | kW                  | 3,6                | 4,5                | 4,7                       | 5,2                | 8,0                     | 9,5                     | 10,6                    |  |
| Input power                                   | Nominal (Min - Max) | kW                  | 0,74(0,22 - 1,10)  | 1,32(0,22 - 1,55)  | 1,74(0,22 - 2,35)         | 1,86(0,36 - 2,85)  | 2,24(0,56 - 3,85)       | 3,04(0,58 - 4,75)       | 3,72(0,60 - 5,50)       |  |
| Annual energy consumption <sup>3)</sup>       |                     | kWh/a               | 988                | 1286               | 1371                      | 1517               | 2286                    | —                       | —                       |  |
| <b>Indoor unit</b>                            |                     |                     | <b>S-3650PU3E</b>  | <b>S-3650PU3E</b>  | <b>S-6071PU3E</b>         | <b>S-6071PU3E</b>  | <b>S-1014PU3E</b>       | <b>S-1014PU3E</b>       | <b>S-1014PU3E</b>       |  |
| Air flow                                      | Hi / Med / Lo       | m <sup>3</sup> /min | 14,5/13,0/11,5     | 16,5/13,5/11,5     | 21,0/16,0/13,0            | 22,0/16,0/13,0     | 36,0/26,0/18,0          | 37,0/27,0/19,0          | 38,0/29,0/20,0          |  |
| Moisture removal volume                       |                     | L/h                 | 0,7                | 1,6                | 1,7                       | 2,5                | 1,9                     | 4,8                     | 4,9                     |  |
| Sound pressure <sup>4)</sup>                  | Hi / Med / Lo       | dB(A)               | 30/28/27           | 32/29/27           | 36/31/28                  | 37/31/28           | 45/38/32                | 46/39/33                | 47/40/34                |  |
| Sound power                                   | Hi / Med / Lo       | dB(A)               | 45/43/42           | 47/44/42           | 51/46/43                  | 52/46/43           | 60/53/47                | 61/54/48                | 62/55/49                |  |
| Dimension                                     | Indoor (H x W x D)  | mm                  | 256 x 840 x 840    | 256 x 840 x 840    | 256 x 840 x 840           | 256 x 840 x 840    | 319 x 840 x 840         | 319 x 840 x 840         | 319 x 840 x 840         |  |
|   | Panel (H x W x D)   | mm                  | 33,5 x 950 x 950   | 33,5 x 950 x 950   | 33,5 x 950 x 950          | 33,5 x 950 x 950   | 33,5 x 950 x 950        | 33,5 x 950 x 950        | 33,5 x 950 x 950        |  |
| Net weight                                    | Indoor / Panel      | kg                  | 19/5               | 19/5               | 20/5                      | 20/5               | 25/5                    | 25/5                    | 25/5                    |  |
| nanoe X Generator                             |                     |                     | Mark 1             | Mark 1             | Mark 1                    | Mark 1             | Mark 1                  | Mark 1                  | Mark 1                  |  |
| <b>Outdoor unit</b>                           |                     |                     | <b>U-36PZH3E5</b>  | <b>U-50PZH3E5</b>  | <b>U-60PZH3E5</b>         | <b>U-71PZH4E5</b>  | <b>U-100PZH4E5</b>      | <b>U-125PZH4E5</b>      | <b>U-140PZH4E5</b>      |  |
| Power supply                                  |                     | V                   | 220 - 230 - 240    | 220 - 230 - 240    | 220 - 230 - 240           | 220 - 230 - 240    | 220 - 230 - 240         | 220 - 230 - 240         | 220 - 230 - 240         |  |
| Current                                       | Cool                | A                   | 3,25 - 3,10 - 3,00 | 5,50 - 5,25 - 5,05 | 6,95 - 6,65 - 6,35        | 8,85 - 8,45 - 8,10 | 10,06 - 10,02 - 9,75    | 16,10 - 15,40 - 14,70   | 18,20 - 17,40 - 16,70   |  |
|   | Heat                | A                   | 3,60 - 3,45 - 3,30 | 6,25 - 6,00 - 5,75 | 8,05 - 7,70 - 7,40        | 9,40 - 9,00 - 8,60 | 10,90 - 10,60 - 10,10   | 14,90 - 14,20 - 13,60   | 18,20 - 17,40 - 16,70   |  |
| Air flow                                      | Cool / Heat         | m <sup>3</sup> /min | 34,1/36,4          | 42,0/42,0          | 42,0/42,0                 | 62,0/66,0          | 76,0/70,0               | 86,0/78,0               | 89,0/83,0               |  |
| Sound pressure                                | Cool / Heat (Hi)    | dB(A)               | 43/44              | 46/48              | 47/50                     | 48/50              | 52/52                   | 55/55                   | 56/56                   |  |
| Sound power                                   | Cool / Heat (Hi)    | dB(A)               | 62/64              | 64/67              | 65/69                     | 65/67              | 69/69                   | 73/73                   | 74/74                   |  |
| Dimension                                     | H x W x D           | mm                  | 695 x 875 x 320    | 695 x 875 x 320    | 695 x 875 x 320           | 996 x 980 x 370    | 996 x 980 x 370         | 996 x 980 x 370         | 996 x 980 x 370         |  |
| Net weight                                    |                     | kg                  | 42                 | 42                 | 43                        | 66                 | 84                      | 86                      | 86                      |  |
| Piping diameter                               | Liquid              | Inch (mm)           | 1/4 (6,35)         | 1/4 (6,35)         | 1/4 (6,35) <sup>5)</sup>  | 3/8 (9,52)         | 3/8 (9,52)              | 3/8 (9,52)              | 3/8 (9,52)              |  |
|   | Gas                 | Inch (mm)           | 1/2 (12,70)        | 1/2 (12,70)        | 1/2 (12,70) <sup>4)</sup> | 5/8 (15,88)        | 5/8 (15,88)             | 5/8 (15,88)             | 5/8 (15,88)             |  |
| Pipe length range                             |                     | m                   | 3 - 40             | 3 - 40             | 3 - 40                    | 5 - 60             | 5 - 100                 | 5 - 100                 | 5 - 100                 |  |
| Elevation difference (in / out) <sup>7)</sup> |                     | m                   | 15/30              | 15/30              | 15/30                     | 15/30              | 15/30                   | 15/30                   | 15/30                   |  |
| Pre-charged pipe length                       |                     | m                   | 30                 | 30                 | 30                        | 30                 | 30                      | 30                      | 30                      |  |
| Additional gas amount                         |                     | g/m                 | 15                 | 15                 | 15                        | 30                 | 40                      | 40                      | 40                      |  |
| Refrigerant (R32) / CO <sub>2</sub> Eq.       |                     | kg / T              | 1,13/0,76          | 1,13/0,76          | 1,15/0,78                 | 1,95/1,32          | 2,70/1,82               | 3,00/2,03               | 3,00/2,03               |  |
| Operating range                               | Cool Min - Max      | °C                  | -15 ~ +46          | -15 ~ +46          | -15 ~ +46                 | -15 ~ +52          | -20 <sup>8)</sup> ~ +52 | -20 <sup>8)</sup> ~ +52 | -20 <sup>8)</sup> ~ +52 |  |
|   | Heat Min - Max      | °C                  | -20 ~ +24          | -20 ~ +24          | -20 ~ +24                 | -20 ~ +24          | -20 ~ +24               | -20 ~ +24               | -20 ~ +24               |  |

## Technical focus

- High performance turbo fan
- Econavi: An optional intelligent sensor to reduce waste of energy
- nanoe™ X (Generator Mark 1: 4,8 trillion hydroxyl radicals/sec) as standard for better indoor air quality, indoor unit internal cleaning with nanoe™ X plus dry operation
- Lower noise in low fan operation
- Light weight, easy piping and integrated drain pump for quick installation
- Wired remote control CZ-RTC6WBL and CZ-RTC6BL allows easy system setting via Bluetooth®
- High volume fresh air input with optional air-intake plenum and chamber (CZ-FDU3+CZ-ATU2)



CZ-RTC5B



Standard panel.  
CZ-KPU3W



Optional Econavi panel  
(CZ-RTC5B is required).  
CZ-KPU3AW

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



Optional:



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



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



Infrared remote controller.  
CZ-RWS3 + CZ-RWRU3W

|   |                     |                     | Three phase        |                         |                         |                         |
|---|---------------------|---------------------|--------------------|-------------------------|-------------------------|-------------------------|
|   |                     |                     | 7,1 kW             | 10,0 kW                 | 12,5 kW                 | 14,0 kW                 |
| Kit   |                     |                     | KIT-71PU3ZH48      | KIT-100PU3ZH48          | KIT-125PU3ZH48          | KIT-140PU3ZH48          |
| Remote controller                             |                     |                     | CZ-RTC5B           | CZ-RTC5B                | CZ-RTC5B                | CZ-RTC5B                |
| Cooling capacity                              | Nominal (Min - Max) | kW                  | 7,1 [2,2 - 9,0]    | 9,5 [3,1 - 12,5]        | 12,5 [3,2 - 14,0]       | 13,4 [3,3 - 16,0]       |
| EER <sup>1)</sup>                             | Nominal (Min - Max) | W/W                 | 4,06 [2,69 - 5,79] | 4,42 [3,42 - 5,34]      | 3,80 [3,08 - 5,33]      | 3,60 [2,74 - 5,32]      |
| <b>SEER / η<sub>sc</sub> <sup>2)</sup></b>    |                     |                     | <b>7,7 A++</b>     | <b>7,2 A++</b>          | <b>303,0%</b>           | <b>286,6%</b>           |
| Pdesign                                       |                     | kW                  | 7,1                | 9,5                     | 12,5                    | 13,4                    |
| Input power                                   | Nominal (Min - Max) | kW                  | 1,75 [0,38 - 3,35] | 2,15 [0,58 - 3,65]      | 3,29 [0,60 - 4,55]      | 3,72 [0,62 - 5,85]      |
| Annual energy consumption <sup>3)</sup>       |                     | kWh/a               | 323                | 426                     | —                       | —                       |
| Heating capacity                              | Nominal (Min - Max) | kW                  | 8,0 [2,0 - 9,0]    | 11,2 [3,1 - 14,0]       | 14,0 [3,2 - 16,0]       | 16,0 [3,3 - 18,0]       |
| COP <sup>1)</sup>                             | Nominal (Min - Max) | W/W                 | 4,30 [3,16 - 5,56] | 5,00 [3,64 - 5,54]      | 4,61 [3,37 - 5,52]      | 4,30 [3,27 - 5,50]      |
| <b>SCOP / η<sub>h</sub> <sup>2)</sup></b>     |                     |                     | <b>4,8 A++</b>     | <b>4,9 A++</b>          | <b>186,0%</b>           | <b>181,1%</b>           |
| Pdesign at -10 °C                             |                     | kW                  | 5,2                | 8,0                     | 9,5                     | 10,6                    |
| Input power                                   | Nominal (Min - Max) | kW                  | 1,86 [0,36 - 2,85] | 2,24 [0,56 - 3,85]      | 3,04 [0,58 - 4,75]      | 3,72 [0,60 - 5,50]      |
| Annual energy consumption <sup>3)</sup>       |                     | kWh/a               | 1517               | 2286                    | —                       | —                       |
| <b>Indoor unit</b>                            |                     |                     | <b>S-6071PU3E</b>  | <b>S-1014PU3E</b>       | <b>S-1014PU3E</b>       | <b>S-1014PU3E</b>       |
| Air flow                                      | Hi / Med / Lo       | m <sup>3</sup> /min | 22,0/16,0/13,0     | 36,0/26,0/18,0          | 37,0/27,0/19,0          | 38,0/29,0/20,0          |
| Moisture removal volume                       |                     | L/h                 | 2,5                | 1,9                     | 4,8                     | 4,9                     |
| Sound pressure <sup>4)</sup>                  | Hi / Med / Lo       | dB(A)               | 37/31/28           | 45/38/32                | 46/39/33                | 47/40/34                |
| Sound power                                   | Hi / Med / Lo       | dB(A)               | 52/46/43           | 60/53/47                | 61/54/48                | 62/55/49                |
| Dimension                                     | Indoor (HxWxD)      | mm                  | 256x840x840        | 319x840x840             | 319x840x840             | 319x840x840             |
|   | Panel (HxWxD)       | mm                  | 33,5x950x950       | 33,5x950x950            | 33,5x950x950            | 33,5x950x950            |
| Net weight                                    | Indoor / Panel      | kg                  | 20/5               | 25/5                    | 25/5                    | 25/5                    |
| nanoe X Generator                             |                     |                     | Mark 1             | Mark 1                  | Mark 1                  | Mark 1                  |
| <b>Outdoor unit</b>                           |                     |                     | <b>U-71PZH4E8</b>  | <b>U-100PZH4E8</b>      | <b>U-125PZH4E8</b>      | <b>U-140PZH4E8</b>      |
| Power supply                                  |                     | V                   | 380 - 400 - 415    | 380 - 400 - 415         | 380 - 400 - 415         | 380 - 400 - 415         |
| Current                                       | Cool                | A                   | 2,95 - 2,80 - 2,70 | 3,60 - 3,40 - 3,25      | 5,45 - 5,15 - 5,00      | 6,15 - 5,85 - 5,65      |
|   | Heat                | A                   | 3,15 - 3,00 - 2,90 | 3,75 - 3,55 - 3,40      | 5,10 - 4,80 - 4,65      | 6,20 - 5,90 - 5,65      |
| Air flow                                      | Cool / Heat         | m <sup>3</sup> /min | 62,0/66,0          | 76,0/70,0               | 86,0/78,0               | 89,0/83,0               |
| Sound pressure                                | Cool / Heat (Hi)    | dB(A)               | 48/50              | 52/52                   | 55/55                   | 56/56                   |
| Sound power                                   | Cool / Heat (Hi)    | dB(A)               | 65/67              | 69/69                   | 73/73                   | 74/74                   |
| Dimension                                     | HxWxD               | mm                  | 996x980x370        | 996x980x370             | 996x980x370             | 996x980x370             |
| Net weight                                    |                     | kg                  | 66                 | 82                      | 84                      | 84                      |
| Piping diameter                               | Liquid              | Inch (mm)           | 3/8 (9,52)         | 3/8 (9,52)              | 3/8 (9,52)              | 3/8 (9,52)              |
|   | Gas                 | Inch (mm)           | 5/8 (15,88)        | 5/8 (15,88)             | 5/8 (15,88)             | 5/8 (15,88)             |
| Pipe length range                             |                     | m                   | 5 - 60             | 5 - 100                 | 5 - 100                 | 5 - 100                 |
| Elevation difference (in / out) <sup>7)</sup> |                     | m                   | 15/30              | 15/30                   | 15/30                   | 15/30                   |
| Pre-charged pipe length                       |                     | m                   | 30                 | 30                      | 30                      | 30                      |
| Additional gas amount                         |                     | g/m                 | 30                 | 40                      | 40                      | 40                      |
| Refrigerant (R32) / CO <sub>2</sub> Eq.       |                     | kg / T              | 1,95 / 1,32        | 2,70 / 1,82             | 3,00 / 2,03             | 3,00 / 2,03             |
| Operating range                               | Cool Min - Max      | °C                  | -15 ~ +52          | -20 <sup>8)</sup> ~ +52 | -20 <sup>8)</sup> ~ +52 | -20 <sup>8)</sup> ~ +52 |
|   | Heat Min - Max      | °C                  | -20 ~ +24          | -20 ~ +24               | -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>sc</sub> / η<sub>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) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side indoor unit. 6) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 7) Outdoor unit located lower / outdoor unit located higher. 8) Pipe length up to 30 m. \* Recommended fuse for the indoor 3 A. \*\* Above values are in the case of nanoe™ X OFF.

| 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-RWRU3W</b> | Infrared remote controller and receiver                        |

| Accessories            |   |
|------------------------|---|
| <b>CZ-CAPWFC1</b>      | Commercial Wi-Fi Adaptor  |
| <b>CZ-KPU3AW</b>       | Econavi exclusive panel   |
| <b>PAW-PACR4</b>       | Interface to run up to 4 indoor unit groups on backup and alternative run |
| <b>PAW-WTRAY</b>       | Tray for condenser water compatible with outdoor elevation platform       |
| <b>PAW-GRDBSE20</b>    | Outdoor base ground support for noise and vibration absorption            |
| <b>PAW-GRDSTD40</b>    | Outdoor elevation platform 400x900x400 mm                                 |
| <b>CZ-FDU3+CZ-ATU2</b> | Fresh air-intake kit  |



SEER and SCOP: For S-3650PU3E + U-36PZH3E5. ECONAVI and 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.plc.panasonic.eu.

## PACi NX Series Standard 4 way 90x90 cassette - PU3 · R32

## 4 way 90x90 cassette - PU3.

Powerful turbo fan and intelligent Econavi sensor ensure high energy efficiency, and nanoe™ X, which is equipped as standard, provides an exceptional level of indoor air quality.



|   |                     |                     | Single phase       |                    |                           |                          |                       |                       |                       |  |
|---|---------------------|---------------------|--------------------|--------------------|---------------------------|--------------------------|-----------------------|-----------------------|-----------------------|--|
|   |                     |                     | 3,6 kW             | 5,0 kW             | 6,0 kW                    | 7,1 kW                   | 10,0 kW               | 12,5 kW               | 14,0 kW               |  |
| Kit   |                     |                     | KIT-36PU3Z5        | KIT-50PU3Z5        | KIT-60PU3Z5               | KIT-71PU3Z5              | KIT-100PU3Z5          | KIT-125PU3Z5          | KIT-140PU3Z5          |  |
| Remote controller                             |                     |                     | CZ-RTC5B           | CZ-RTC5B           | CZ-RTC5B                  | CZ-RTC5B                 | CZ-RTC5B              | CZ-RTC5B              | CZ-RTC5B              |  |
| Cooling capacity                              | Nominal (Min - Max) | kW                  | 3,6(1,5 - 4,0)     | 5,0(1,5 - 5,6)     | 6,0(2,0 - 7,1)            | 7,1(2,6 - 7,7)           | 10,0(3,0 - 11,5)      | 12,5(3,2 - 13,5)      | 14,0(3,3 - 15,0)      |  |
| EER <sup>1)</sup>                             | Nominal (Min - Max) | W/W                 | 4,34 [5,88-3,81]   | 3,91 [6,25-3,20]   | 3,73 [6,90-3,01]          | 3,27 [5,00-2,77]         | 3,82 [2,88-5,36]      | 3,58 [2,81 - 5,33]    | 3,23 [2,73 - 5,32]    |  |
| SEER / η <sub>s,c</sub> <sup>2)</sup>         |                     |                     | <b>8,1 A++</b>     | <b>8,0 A++</b>     | <b>7,8 A++</b>            | <b>6,8 A++</b>           | <b>6,8 A++</b>        | <b>267,0%</b>         | <b>257,0%</b>         |  |
| Pdesign                                       |                     | kW                  | 3,6                | 5,0                | 6,0                       | 7,1                      | 10,0                  | 12,5                  | 14,0                  |  |
| Input power                                   | Nominal (Min - Max) | kW                  | 0,83 [0,25-1,05]   | 1,28 [0,24-1,75]   | 1,61 [0,29-2,36]          | 2,17 [0,52-2,78]         | 2,62 [0,56-4,00]      | 3,49 [0,60-4,80]      | 4,34 [0,62-5,50]      |  |
| Annual energy consumption <sup>3)</sup>       |                     | kWh/a               | 156                | 219                | 269                       | 365                      | 515                   | —                     | —                     |  |
| Heating capacity                              | Nominal (Min - Max) | kW                  | 3,6(1,5 - 4,6)     | 5,0(1,5 - 6,4)     | 6,0(1,8 - 7,0)            | 7,1(2,1 - 8,1)           | 10,0(3,0 - 14,0)      | 12,5(3,3 - 15,0)      | 14,0(3,4 - 16,0)      |  |
| COP <sup>1)</sup>                             | Nominal (Min - Max) | W/W                 | 5,07 [4,32 - 6,52] | 4,63 [3,48 - 7,50] | 4,48 [3,18 - 7,50]        | 4,23 [3,38 - 6,36]       | 4,93 [3,59 - 5,36]    | 4,43 [3,57 - 5,50]    | 4,18 [3,33 - 5,48]    |  |
| SCOP / η <sub>s,h</sub> <sup>2)</sup>         |                     |                     | <b>4,8 A++</b>     | <b>4,7 A++</b>     | <b>4,9 A++</b>            | <b>4,6 A++</b>           | <b>4,4 A+</b>         | <b>157,0%</b>         | <b>152,2%</b>         |  |
| Pdesign at -10 °C                             |                     | kW                  | 2,8                | 4,0                | 4,6                       | 5,2                      | 10,0                  | 12,5                  | 14,0 [at -7 °C]       |  |
| Input power                                   | Nominal (Min - Max) | kW                  | 0,71 [0,23-1,06]   | 1,08 [0,20-1,84]   | 1,34 [0,24-2,20]          | 1,68 [0,33-2,40]         | 2,03 [0,56-3,90]      | 2,82 [0,60-4,20]      | 3,35 [0,62-4,80]      |  |
| Annual energy consumption <sup>3)</sup>       |                     | kWh/a               | 817                | 1191               | 1314                      | 1583                     | 3182                  | —                     | —                     |  |
| <b>Indoor unit</b>                            |                     |                     | <b>S-3650PU3E</b>  | <b>S-3650PU3E</b>  | <b>S-6071PU3E</b>         | <b>S-6071PU3E</b>        | <b>S-1014PU3E</b>     | <b>S-1014PU3E</b>     | <b>S-1014PU3E</b>     |  |
| Air flow                                      | Hi / Med / Lo       | m <sup>3</sup> /min | 14,5/13,0/11,5     | 16,5/13,5/11,5     | 21,0/16,0/13,0            | 22,0/16,0/13,0           | 36,0/26,0/18,0        | 37,0/27,0/19,0        | 38,0/29,0/20,0        |  |
| Moisture removal volume                       |                     | L/h                 | 0,7                | 1,6                | 1,7                       | 2,5                      | 2,7                   | 4,8                   | 6,0                   |  |
| Sound pressure <sup>4)</sup>                  | Hi / Med / Lo       | dB(A)               | 30/28/27           | 32/29/27           | 36/31/28                  | 37/31/28                 | 45/38/32              | 46/39/33              | 47/40/34              |  |
| Sound power                                   | Hi / Med / Lo       | dB(A)               | 45/43/42           | 47/44/42           | 51/46/43                  | 52/46/43                 | 60/53/47              | 61/54/48              | 62/55/49              |  |
| Dimension                                     | Indoor (H x W x D)  | mm                  | 256 x 840 x 840    | 256 x 840 x 840    | 256 x 840 x 840           | 256 x 840 x 840          | 319 x 840 x 840       | 319 x 840 x 840       | 319 x 840 x 840       |  |
|   | Panel (H x W x D)   | mm                  | 33,5 x 950 x 950   | 33,5 x 950 x 950   | 33,5 x 950 x 950          | 33,5 x 950 x 950         | 33,5 x 950 x 950      | 33,5 x 950 x 950      | 33,5 x 950 x 950      |  |
| Net weight                                    | Indoor / Panel      | kg                  | 19/5               | 19/5               | 20/5                      | 20/5                     | 25/5                  | 25/5                  | 25/5                  |  |
| nanoe X Generator                             |                     |                     | Mark 1             | Mark 1             | Mark 1                    | Mark 1                   | Mark 1                | Mark 1                | Mark 1                |  |
| <b>Outdoor unit</b>                           |                     |                     | <b>U-36PZ3E5</b>   | <b>U-50PZ3E5</b>   | <b>U-60PZ3E5A</b>         | <b>U-71PZ3E5A</b>        | <b>U-100PZ3E5</b>     | <b>U-125PZ3E5</b>     | <b>U-140PZ3E5</b>     |  |
| Power supply                                  |                     | V                   | 220 - 230 - 240    | 220 - 230 - 240    | 220 - 230 - 240           | 220 - 230 - 240          | 220 - 230 - 240       | 220 - 230 - 240       | 220 - 230 - 240       |  |
| Current                                       | Cool                | A                   | 3,85 - 3,70 - 3,55 | 5,95 - 5,70 - 5,45 | 7,45 - 7,15 - 6,85        | 10,00 - 9,65 - 9,25      | 13,10 - 12,50 - 12,00 | 16,90 - 16,10 - 15,40 | 21,00 - 20,00 - 19,20 |  |
|   | Heat                | A                   | 3,35 - 3,20 - 3,05 | 5,05 - 4,85 - 4,65 | 6,20 - 5,95 - 5,70        | 7,80 - 7,45 - 7,15       | 10,10 - 9,70 - 9,30   | 13,60 - 13,00 - 12,50 | 16,20 - 15,50 - 14,80 |  |
| Air flow                                      | Cool / Heat         | m <sup>3</sup> /min | 33,6/34,0          | 32,7/31,9          | 42,6/41,5                 | 44,7/45,9                | 73,0/73,0             | 82,0/80,0             | 84,0/82,0             |  |
| Sound pressure                                | Cool / Heat (Hi)    | dB(A)               | 46/47              | 46/46              | 47/48                     | 48/49                    | 52/52                 | 55/55                 | 56/56                 |  |
| Sound power                                   | Cool / Heat (Hi)    | dB(A)               | 64/66              | 64/64              | 64/65                     | 66/68                    | 70/70                 | 73/73                 | 74/74                 |  |
| Dimension                                     | H x W x D           | mm                  | 619 x 824 x 299    | 619 x 824 x 299    | 695 x 875 x 320           | 695 x 875 x 320          | 996 x 980 x 370       | 996 x 980 x 370       | 996 x 980 x 370       |  |
| Net weight                                    |                     | kg                  | 32                 | 35                 | 42                        | 50                       | 83                    | 87                    | 87                    |  |
| Piping diameter                               | Liquid              | Inch (mm)           | 1/4 [6,35]         | 1/4 [6,35]         | 1/4 [6,35] <sup>5)</sup>  | 1/4 [6,35] <sup>5)</sup> | 3/8 [9,52]            | 3/8 [9,52]            | 3/8 [9,52]            |  |
|   | Gas                 | Inch (mm)           | 1/2 [12,70]        | 1/2 [12,70]        | 1/2 [12,70] <sup>6)</sup> | 5/8 [15,88]              | 5/8 [15,88]           | 5/8 [15,88]           | 5/8 [15,88]           |  |
| Pipe length range                             |                     | m                   | 3 - 15             | 3 - 20             | 3 - 40                    | 3 - 40                   | 5 - 50                | 5 - 50                | 5 - 50                |  |
| Elevation difference (in / out) <sup>7)</sup> |                     | m                   | 15/15              | 15/15              | 15/30                     | 20/30                    | 15/30                 | 15/30                 | 15/30                 |  |
| Pre-charged pipe length                       |                     | m                   | 7,5                | 7,5                | 30                        | 30                       | 30                    | 30                    | 30                    |  |
| Additional gas amount                         |                     | g/m                 | 10                 | 15                 | 15                        | 17                       | 45                    | 45                    | 45                    |  |
| Refrigerant (R32) / CO <sub>2</sub> Eq.       |                     | kg / T              | 0,87/0,59          | 1,14/0,77          | 1,15/0,78                 | 1,32/0,89                | 2,40/1,62             | 2,80/1,89             | 2,80/1,89             |  |
| Operating range                               | Cool Min - Max      | °C                  | -10 ~ +43          | -10 ~ +43          | -10 ~ +43                 | -10 ~ +43                | -10 ~ +43             | -10 ~ +43             | -10 ~ +43             |  |
|   | Heat Min - Max      | °C                  | -15 ~ +24          | -15 ~ +24          | -15 ~ +24                 | -15 ~ +24                | -15 ~ +24             | -15 ~ +24             | -15 ~ +24             |  |

## Technical focus

- High performance turbo fan
- Econavi: An optional intelligent sensor to reduce waste of energy
- nanoe™ X (Generator Mark 1: 4,8 trillion hydroxyl radicals/sec) as standard for better indoor air quality, indoor unit internal cleaning with nanoe™ X plus dry operation
- Lower noise in low fan operation
- Light weight, easy piping and integrated drain pump for quick installation
- Wired remote control CZ-RTC6WBL and CZ-RTC6BL allows easy system setting via Bluetooth®
- High volume fresh air input with optional air-intake plenum and chamber (CZ-FDU3+CZ-ATU2)



CZ-RTC5B



Standard panel.  
CZ-KPU3W



Optional Econavi panel  
(CZ-RTC5B is required).  
CZ-KPU3AW

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



Optional:



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



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



Infrared remote controller.  
CZ-RWS3 + CZ-RWRU3W

|   |                     |                     | Three phase        |                    |                    |
|---|---------------------|---------------------|--------------------|--------------------|--------------------|
|   |                     |                     | 10,0 kW            | 12,5 kW            | 14,0 kW            |
| Kit   |                     |                     | KIT-100PU3Z8       | KIT-125PU3Z8       | KIT-140PU3Z8       |
| Remote controller                             |                     |                     | CZ-RTC5B           | CZ-RTC5B           | CZ-RTC5B           |
| Cooling capacity                              | Nominal (Min - Max) | kW                  | 10,0(3,0 - 11,5)   | 12,5(3,2 - 13,5)   | 14,0(3,3 - 15,0)   |
| EER <sup>1)</sup>                             | Nominal (Min - Max) | W/W                 | 3,82(2,88 - 5,36)  | 3,58(2,81 - 5,33)  | 3,23(2,73 - 5,32)  |
| <b>SEER / η<sub>SEER</sub> <sup>2)</sup></b>  |                     |                     | <b>6,7 A++</b>     | <b>265,8%</b>      | <b>256,2%</b>      |
| Pdesign                                       |                     | kW                  | 10,0               | 12,5               | 14,0               |
| Input power                                   | Nominal (Min - Max) | kW                  | 2,62(0,56 - 4,00)  | 3,49(0,60 - 4,80)  | 4,34(0,62 - 5,50)  |
| Annual energy consumption <sup>3)</sup>       |                     | kWh/a               | 521                | —                  | —                  |
| Heating capacity                              | Nominal (Min - Max) | kW                  | 10,0(3,0 - 14,0)   | 12,5(3,3 - 15,0)   | 14,0(3,4 - 16,0)   |
| COP <sup>1)</sup>                             | Nominal (Min - Max) | W/W                 | 4,93(3,59 - 5,36)  | 4,43(3,57 - 5,50)  | 4,18(3,33 - 5,48)  |
| <b>SCOP / η<sub>SCOP</sub> <sup>2)</sup></b>  |                     |                     | <b>4,4 A+</b>      | <b>157,0%</b>      | <b>152,2%</b>      |
| Pdesign at -10 °C                             |                     | kW                  | 10,0               | 12,5               | 14,0 (at -7 °C)    |
| Input power                                   | Nominal (Min - Max) | kW                  | 2,03(0,56 - 3,90)  | 2,82(0,60 - 4,20)  | 3,35(0,62 - 4,80)  |
| Annual energy consumption <sup>3)</sup>       |                     | kWh/a               | 3182               | —                  | —                  |
| <b>Indoor unit</b>                            |                     |                     | <b>S-1014PU3E</b>  | <b>S-1014PU3E</b>  | <b>S-1014PU3E</b>  |
| Air flow                                      | Hi / Med / Lo       | m <sup>3</sup> /min | 36,0/26,0/18,0     | 37,0/27,0/19,0     | 38,0/29,0/20,0     |
| Moisture removal volume                       |                     | L/h                 | 2,7                | 4,8                | 6,0                |
| Sound pressure <sup>4)</sup>                  | Hi / Med / Lo       | dB(A)               | 45/38/32           | 46/39/33           | 47/40/34           |
| Sound power                                   | Hi / Med / Lo       | dB(A)               | 60/53/47           | 61/54/48           | 62/55/49           |
| Dimension                                     | Indoor (HxWxD)      | mm                  | 319 x 840 x 840    | 319 x 840 x 840    | 319 x 840 x 840    |
|   | Panel (HxWxD)       | mm                  | 33,5 x 950 x 950   | 33,5 x 950 x 950   | 33,5 x 950 x 950   |
| Net weight                                    | Indoor / Panel      | kg                  | 25/5               | 25/5               | 25/5               |
| nanoe X Generator                             |                     |                     | Mark 1             | Mark 1             | Mark 1             |
| <b>Outdoor unit</b>                           |                     |                     | <b>U-100PZ3E8</b>  | <b>U-125PZ3E8</b>  | <b>U-140PZ3E8</b>  |
| Power supply                                  |                     | V                   | 380 - 400 - 415    | 380 - 400 - 415    | 380 - 400 - 415    |
| Current                                       | Cool                | A                   | 4,35 - 4,15 - 4,00 | 5,65 - 5,35 - 5,15 | 7,00 - 6,65 - 6,40 |
|   | Heat                | A                   | 3,40 - 3,20 - 3,10 | 4,55 - 4,35 - 4,15 | 5,40 - 5,15 - 4,95 |
| Air flow                                      | Cool / Heat         | m <sup>3</sup> /min | 73,0/73,0          | 82,0/80,0          | 84,0/82,0          |
| Sound pressure                                | Cool / Heat (Hi)    | dB(A)               | 52/52              | 55/55              | 56/56              |
| Sound power                                   | Cool / Heat (Hi)    | dB(A)               | 70/70              | 73/73              | 74/74              |
| Dimension                                     | HxWxD               | mm                  | 996 x 980 x 370    | 996 x 980 x 370    | 996 x 980 x 370    |
| Net weight                                    |                     | kg                  | 83                 | 87                 | 87                 |
| Piping diameter                               | Liquid              | Inch [mm]           | 3/8(9,52)          | 3/8(9,52)          | 3/8(9,52)          |
|   | Gas                 | Inch [mm]           | 5/8(15,88)         | 5/8(15,88)         | 5/8(15,88)         |
| Pipe length range                             |                     | m                   | 5 - 50             | 5 - 50             | 5 - 50             |
| Elevation difference (in / out) <sup>7)</sup> |                     | m                   | 15/30              | 15/30              | 15/30              |
| Pre-charged pipe length                       |                     | m                   | 30                 | 30                 | 30                 |
| Additional gas amount                         |                     | g/m                 | 45                 | 45                 | 45                 |
| Refrigerant (R32) / CO <sub>2</sub> Eq.       |                     | kg / T              | 2,40/1,62          | 2,80/1,89          | 2,80/1,89          |
| Operating range                               | Cool Min - Max      | °C                  | -10 ~ +43          | -10 ~ +43          | -10 ~ +43          |
|   | Heat Min - Max      | °C                  | -15 ~ +24          | -15 ~ +24          | -15 ~ +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>SEER</sub> / η<sub>SCOP</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) Connect the liquid socket tube (Ø6,35-Ø9,52) to the liquid tubing side indoor unit. 6) Connect the gas socket tube (Ø12,70-Ø15,88) to the gas tubing side indoor unit. 7) Outdoor unit located lower / outdoor unit located higher. \* Recommended fuse for the indoor 3 A. \*\* Above values are in the case of nanoe™ X OFF.

| 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-RWRU3W</b> | Infrared remote controller and receiver                        |

| Accessories            |   |
|------------------------|---|
| <b>CZ-CAPWFC1</b>      | Commercial Wi-Fi Adaptor  |
| <b>CZ-KPU3AW</b>       | Econavi exclusive panel   |
| <b>PAW-PACR4</b>       | Interface to run up to 4 indoor unit groups on backup and alternative run |
| <b>PAW-WTRAY</b>       | Tray for condenser water compatible with outdoor elevation platform       |
| <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-FDU3+CZ-ATU2</b> | Fresh air-intake kit  |



SEER: For S-3650PU3E + U-36PZ3E5. SCOP: For S-6071PU3E + U-60PZ3E5A. ECONAVI and 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.plc.panasonic.eu.