# Indoor Unit: 4-WAY Cassette

## Specifications of R32 Deluxe Model

| Capacity | | | | 7.1kW | 10.0kW | | 12.5kW | | 14.0kW | |
|---|---|---|---|---|---|---|---|---|---|---|
| Model Name | | Indoor Unit | | S-6071PU3E | S-1014PU3E | S-1014PU3E | S-1014PU3E | S-1014PU3E | S-1014PU3E | S-1014PU3E |
| | | Outdoor Unit | | U-71PZH3R5 | U-100PZH3R5 | U-100PZH3R8 | U-125PZH3R5 | U-125PZH3R8 | U-140PZH3R5 | U-140PZH3R8 |
| | | Panel | | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A |
| Cooling capacity<br>Heating capacity | | | kW | 7.1 (2.2 - 9.0)<br>8.0 (2.0 - 9.0) | 10.0 (3.1 - 12.5)<br>11.2 (3.1 - 14.0) | 10.0 (3.1 - 12.5)<br>11.2 (3.1 - 14.0) | 12.5 (3.2 - 14.0)<br>14.0 (3.2 - 16.0) | 12.5 (3.2 - 14.0)<br>14.0 (3.2 - 16.0) | 14.0 (3.3 - 16.0)<br>16.0 (3.3 - 18.0) | 14.0 (3.3 - 16.0)<br>16.0 (3.3 - 18.0) |
| | | | BTU/h | 24,200 (7,500 - 30,700)<br>27,300 (6,800 - 30,700) | 34,100 (10,600 - 42,700)<br>38,200 (10,600 - 47,800) | 34,100 (10,600 - 42,700)<br>38,200 (10,600 - 47,800) | 42,700 (10,900 - 47,800)<br>47,800 (10,900 - 54,600) | 42,700 (10,900 - 47,800)<br>47,800 (10,900 - 54,600) | 47,800 (11,300 - 54,600)<br>54,600 (11,300 - 61,400) | 47,800 (11,300 - 54,600)<br>54,600 (11,300 - 61,400) |
| EER : COP | | | W/W | 4.06 : 4.30 | 4.41 : 5.00 | 4.41 : 5.00 | 3.80 : 4.61 | 3.80 : 4.61 | 3.41 : 4.30 | 3.41 : 4.30 |
| COP@H2 condition | | | W/W | 2.60 | 2.90 | 2.90 | 2.70 | 2.70 | 2.50 | 2.50 |
| Total power input | | Cooling : Heating | kW | 1.75 : 1.86 | 2.27 : 2.24 | 2.27 : 2.24 | 3.29 : 3.04 | 3.29 : 3.04 | 4.11 : 3.72 | 4.11 : 3.72 |
| TCSPF : HSPF | Residential | Hot Climate | | 5.86 : 5.68 | 6.24 : 5.68 | 6.24 : 5.68 | 5.71 : 5.63 | 5.71 : 5.63 | 5.35 : 5.60 | 5.35 : 5.60 |
| | | Average Climate | | 5.10 : 4.77 | 5.53 : 5.15 | 5.53 : 5.15 | 5.20 : 4.88 | 5.20 : 4.88 | 4.93 : 4.71 | 4.93 : 4.71 |
| | | Cold Climate | | 5.16 : 4.11 | 5.64 : 4.63 | 5.64 : 4.63 | 5.39 : 4.28 | 5.39 : 4.28 | 5.17 : 4.01 | 5.17 : 4.01 |
| | Commercial | Hot Climate | | 6.58 : 5.81 | 6.96 : 5.66 | 6.96 : 5.66 | 6.36 : 5.74 | 6.36 : 5.74 | 5.96 : 5.76 | 5.96 : 5.76 |
| | | Average Climate | | 6.83 : 5.30 | 7.09 : 5.35 | 7.09 : 5.35 | 6.72 : 5.32 | 6.72 : 5.32 | 6.43 : 5.25 | 6.43 : 5.25 |
| | | Cold Climate | | 7.41 : 4.63 | 7.69 : 4.92 | 7.69 : 4.92 | 7.37 : 4.72 | 7.37 : 4.72 | 7.10 : 4.53 | 7.10 : 4.53 |
| **Indoor Unit** | | | | | | | | | | |
| Power source | | | Phase/Hz | 1 Phase / 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz | 1 Phase/ 50Hz |
| | | | V | 230V \| 240V | 230V \| 240V | 230V \| 240V | 230V \| 240V | 230V \| 240V | 230V \| 240V | 230V \| 240V |
| Dimensions | H × W × D | Indoor | mm | 256 x 840 x 840 | 319 x 840 x 840 | 319 x 840 x 840 | 319 x 840 x 840 | 319 x 840 x 840 | 319 x 840 x 840 | 319 x 840 x 840 |
| | | Panel | 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 | 20 / 5 | 25 / 5 | 25 / 5 | 25 / 5 | 25 / 5 | 25 / 5 | 25 / 5 |
| Air volume (H/M/L) | | Cooling : Heating | L/s | 367 / 267 / 217 : 367 / 267 / 217 | 601 / 434 / 300 : 601 / 434 / 300 | 601 / 434 / 300 : 601 / 434 / 300 | 617 / 450 / 317 : 617 / 450 / 317 | 617 / 450 / 317 : 617 / 450 / 317 | 634 / 484 / 334 : 634 / 484 / 334 | 634 / 484 / 334 : 634 / 484 / 334 |
| Sound pressure level (H/M/L) | | Cooling : Heating | dB(A) | 37 / 31 / 28 : 37 / 31 / 28 | 45 / 38 / 32 : 45 / 38 / 32 | 45 / 38 / 32 : 45 / 38 / 32 | 46 / 39 / 33 : 46 / 39 / 33 | 46 / 39 / 33 : 46 / 39 / 33 | 47 / 40 / 34 : 47 / 40 / 34 | 47 / 40 / 34 : 47 / 40 / 34 |
| Sound power level (H/M/L) | | Cooling : Heating | dB | 52 / 46 / 43 : 52 / 46 / 43 | 60 / 53 / 47 : 60 / 53 / 47 | 60 / 53 / 47 : 60 / 53 / 47 | 61 / 54 / 48 : 61 / 54 / 48 | 61 / 54 / 48 : 61 / 54 / 48 | 62 / 55 / 49 : 62 / 55 / 49 | 62 / 55 / 49 : 62 / 55 / 49 |
| Number of fan speeds | | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Drain pipe size | | | mm | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 |
| **Outdoor Unit** | | | | | | | | | | |
| Power source | | | Phase/Hz | 1 Phase / 50Hz | 1 Phase/ 50Hz | 3 Phase/ 50Hz | 1 Phase/ 50Hz | 3 Phase/ 50Hz | 1 Phase/ 50Hz | 3 Phase/ 50Hz |
| | | | V | 230V \| 240V | 230V \| 240V | 400V \| 415V | 230V \| 240V | 400V \| 415V | 230V \| 240V | 400V \| 415V |
| Current (rated) | | Cooling : Heating | A | 8.25 : 8.70 \| 7.95 : 8.35 | 10.7 : 10.6 \| 10.3 : 10.1 | 3.60 : 3.55 \| 3.45 : 3.40 | 15.4 : 14.2 \| 14.7 : 13.6 | 5.15 : 4.80 \| 5.00 : 4.65 | 19.2 : 17.4 \| 18.4 : 16.7 | 6.45 : 5.90 \| 6.20 : 5.65 |
| Dimension | H × W × D | | mm | 996 x 940 x 340 | 1,416 x 940 x 340 | 1,416 x 940 x 340 | 1,416 x 940 x 340 | 1,416 x 940 x 340 | 1,416 x 940 x 340 | 1,416 x 940 × 340 |
| Net weight | | | kg | 66 | 99 | 99 | 99 | 99 | 99 | 99 |
| Air volume | | Cooling : Heating | m³/min | 1,018 : 1,002 | 1,970 : 1,803 | 1,970 : 1,803 | 2,087 : 1,870 | 2,087 : 1,870 | 2,154 : 1,937 | 2,154 : 1,937 |
| Sound pressure level (Silent mode) | | Cooling : Heating | dB(A) | 48 (46) : 50 (48) | 52 (50) : 52 (50) | 52 (50) : 52 (50) | 53 (51) : 53 (51) | 53 (51) : 53 (51) | 54 (52) : 54 (52) | 54 (52) : 54 (52) |
| Sound power level (Silent mode) | | Cooling : Heating | dB | 64 (62) : 66 (64) | 68 (66) : 68 (66) | 68 (66) : 68 (66) | 69 (67) : 69 (67) | 69 (67) : 69 (67) | 70 (68) : 70 (68) | 70 (68) : 70 (68) |
| Piping connections | | Liquid / Gas | mm | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 |
| Pipe length range | | min. - max. | m | 5 - 50 | 5 - 85 | 5 - 85 | 5 - 85 | 5 - 85 | 5 - 85 | 5 - 85 |
| Elevation difference (OU located lower, OU located higher) | | | m | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 15, 30 |
| Maximum chargeless length | | | m | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Refrigerant at shipping, Additional gas amount | | | g | R32 1,950 / 45 (g/m) | R32 3,050 / 45 (g/m) | R32 3,050 / 45 (g/m) | R32 3,050 / 45 (g/m) | R32 3,050 / 45 (g/m) | R32 3,050 / 45 (g/m) | R32 3,050 / 45 (g/m) |
| Operating range | | Cooling : Heating | ℃ | -15 to 48 : -20 to 24 | -15 to 48 : -20 to 24 | -15 to 48 : -20 to 24 | -15 to 48 : -20 to 24 | -15 to 48 : -20 to 24 | -15 to 48 : -20 to 24 | -15 to 48 : -20 to 24 |

Notes:
- In the case of nanoe X OFF
- In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min.) shall be multiplied by 16.7 and rounded down the decimal point.
- AEER and ACOP classification is at 230V(400V) only in accordance with GEMS2019.
- TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.
- Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions
- H:High at setting 5 stage (Level 5), M:Middle at setting 5 stage (Level 3), L:Low at setting 5 stage (Level 1)

*1 For pipinng connection for 6.0kW unit, connect the gas socket tube (Ø12.7-Ø15.88) to the gas tubing side indoor unit and connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.
*2 For piping connection for 7.1kW unit, connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.

## Specifications of R32 Compact Model

| Capacity | | | | 6.0kW | 7.1kW | 10.0kW | | 12.5kW | | 14.0kW | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Model Name | | Indoor Unit | | S-6071PU3E | S-6071PU3E | S-1014PU3E | S-1014PU3E | S-1014PU3E | S-1014PU3E | S-1014PU3E | S-1014PU3E |
| | | Outdoor Unit | | U-60PZ3R5 | U-71PZ3R5 | U-100PZ3R5 | U-100PZ3R8 | U-125PZ3R5 | U-125PZ3R8 | U-140PZ3R5 | U-140PZ3R8 |
| | | Panel | | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A | Standard type:CZ-KPU3H ECONAVI type:CZ-KPU3A |
| Cooling capacity<br>Heating capacity | | | kW | 6.0 ( 2.0- 7.1 )<br>6.0 (1.8 - 7.0) | 7.1 (2.6 - 7.7)<br>7.1 (2.1 - 8.1) | 10.0 (3.0 - 11.5)<br>10.0 (3.0 - 14.0) | 10.0 (3.0-11.5)<br>10.0 (3.0-14.0) | 12.5 (3.2 - 13.5)<br>12.5 (3.3 - 15.0) | 12.5 (3.2 - 13.5)<br>12.5 (3.3 - 15.0) | 14.0 (3.3 - 15.0)<br>14.0 (3.4 - 16.0) | 14.0 (3.3 - 15.0)<br>14.0 (3.4 - 16.0) |
| | | | BTU/h | 20,500 (6,800 - 24,200)<br>20,500 (6,100 - 23,900) | 24,200 (8,900 - 26,300)<br>24,200 (7,200 - 27,600) | 34,100 (10,200 - 39,200)<br>34,100 (10,200 - 47,800) | 34,100 (10,200-39,200)<br>34,100 (10,200 - 47,800) | 42,700 (10,900 - 46,100)<br>42,700 (11,300 - 51,200) | 42,700 (10,900 - 46,100)<br>42,700 (11,300 - 51,200) | 47,800 (11,300 - 51,200)<br>47,800 (11,600 - 54,600) | 47,800 (11,300 - 51,200)<br>47,800 (11,600 - 54,600) |
| EER : COP | | | W/W | 3.82 : 4.48 | 3.40 : 4.23 | 3.82 : 4.93 | 3.82 : 4.93 | 3.58 : 4.43 | 3.58 : 4.43 | 3.23 : 4.18 | 3.23 : 4.18 |
| COP@H2 condition | | | W/W | 3.19 | 3.30 | 3.27 | 3.27 | 2.88 | 2.88 | 2.70 | 2.70 |
| Total power input | | Cooling : Heating | kW | 1.57 : 1.34 | 2.09 : 1.68 | 2.62 : 2.03 | 2.62 : 2.03 | 3.49 : 2.82 | 3.49 : 2.82 | 4.34 : 3.35 | 4.34 : 3.35 |
| TCSPF : HSPF | Residential | Hot Climate | | 5.65 : 6.69 | 5.12 : 5.75 | 5.78 : 5.43 | 5.78 : 5.43 | 5.27 : 5.56 | 5.27 : 5.56 | 4.94 : 5.52 | 4.94 : 5.52 |
| | | Average Climate | | 5.04 : 5.44 | 4.64 : 4.85 | 5.00 : 5.06 | 5.00 : 5.06 | 4.73 : 4.87 | 4.73 : 4.87 | 4.54 : 4.72 | 4.54 : 4.72 |
| | | Cold Climate | | 5.23 : 4.45 | 4.83 : 4.14 | 5.10 : 4.62 | 5.10 : 4.62 | 4.85 : 4.17 | 4.85 : 4.17 | 4.69 : 3.97 | 4.69 : 3.97 |
| | Commercial | Hot Climate | | 6.17 : 6.71 | 5.73 : 5.78 | 6.60 : 5.34 | 6.60 : 5.34 | 5.84 : 5.51 | 5.84 : 5.51 | 5.46 : 5.51 | 5.46 : 5.51 |
| | | Average Climate | | 6.29 : 5.97 | 6.05 : 5.26 | 7.05 : 5.11 | 7.05 : 5.11 | 6.29 : 5.11 | 6.29 : 5.11 | 6.19 : 5.03 | 6.19 : 5.03 |
| | | Cold Climate | | 6.75 : 5.06 | 6.79 : 4.61 | 7.94 : 4.78 | 7.94 : 4.78 | 6.95 : 4.53 | 6.95 : 4.53 | 6.89 : 4.40 | 6.89 : 4.40 |
| **Indoor Unit** | | | | | | | | | | | |
| Power source | | | Phase/Hz | 1 Phase / 50Hz | 1 Phase / 50Hz | 1 Phase / 50Hz | 1 Phase / 50Hz | 1 Phase / 50Hz | 1 Phase / 50Hz | 1 Phase / 50Hz | 1 Phase / 50Hz |
| | | | V | 230V \| 240V | 230V \| 240V | 230V \| 240V | 230V \| 240V | 230V \| 240V | 230V \| 240V | 230V \| 240V | 230V \| 240V |
| Dimensions | H × W × D | Indoor | mm | 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 | 319 x 840 x 840 | 319 x 840 x 840 | 319 x 840 x 840 |
| | | Panel | 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 | 33.5 x 950 x 950 |
| Net weight | | Indoor / Panel | kg | 20 / 5 | 20 / 5 | 25 / 5 | 25 / 5 | 25 / 5 | 25 / 5 | 25 / 5 | 25 / 5 |
| Air volume (H/M/L) | | Cooling : Heating | L/s | 350 / 267 / 217 : 350 / 267 / 217 | 367 / 267 / 217 : 367 / 267 / 217 | 601 / 434 / 300 : 601 / 434 / 300 | 601 / 434 / 300 : 601 / 434 / 300 | 617 / 450 / 317 : 617 / 450 / 317 | 617 / 450 / 317 : 617 / 450 / 317 | 634 / 484 / 334 : 634 / 484 / 334 | 634 / 484 / 334 : 634 / 484 / 334 |
| Sound pressure level (H/M/L) | | Cooling : Heating | dB(A) | 36 / 31 / 28 : 36 / 31 / 28 | 37 / 31 / 28 : 37 / 31 / 28 | 45 / 38 / 32 : 45 / 38 / 32 | 45 / 38 / 32 : 45 / 38 / 32 | 46 / 39 / 33 : 46 / 39 / 33 | 46 / 39 / 33 : 46 / 39 / 33 | 47 / 40 / 34 : 47 / 40 / 34 | 47 / 40 / 34 : 47 / 40 / 34 |
| Sound power level (H/M/L) | | Cooling : Heating | dB | 51 / 46 / 43 : 51 / 46 / 43 | 52 / 46 / 43 : 52 / 46 / 43 | 60 / 53 / 47 : 60 / 53 / 47 | 60 / 53 / 47 : 60 / 53 / 47 | 61 / 54 / 48 : 61 / 54 / 48 | 61 / 54 / 48 : 61 / 54 / 48 | 62 / 55 / 49 : 62 / 55 / 49 | 62 / 55 / 49 : 62 / 55 / 49 |
| Number of fan speeds | | | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Drain pipe size | | | mm | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 | VP-25 |
| **Outdoor Unit** | | | | | | | | | | | |
| Power source | | | Phase/Hz | 1 Phase / 50Hz | 1 Phase / 50Hz | 1 Phase / 50Hz | 3 Phase / 50Hz | 1 Phase / 50Hz | 3 Phase / 50Hz | 1 Phase / 50Hz | 3 Phase / 50Hz |
| | | | V | 230V \| 240V | 230V \| 240V | 230V \| 240V | 400V \| 415V | 230V \| 240V | 400V \| 415V | 230V \| 240V | 400V \| 415V |
| Current (rated) | | Cooling : Heating | A | 7.20 : 5.95 \| 6.90 : 5.70 | 9.65 : 7.45 \| 9.25 : 7.15 | 12.5 : 9.70 \| 12.0 : 9.30 | 4.15 : 3.20 \| 4.00 : 3.10 | 16.1 : 13.0 \| 15.4 : 12.5 | 5.35 : 4.35 \| 5.15 : 4.15 | 20.0 : 15.5 \| 19.2 : 14.8 | 6.65 : 5.15 \| 6.40 : 4.95 |
| Dimensions | H × W × D | | mm | 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 | 996 x 980 x 370 | 996 x 980 x 370 |
| Net weight | | | kg | 43 | 50 | 83 | 83 | 87 | 87 | 87 | 87 |
| Air volume | | Cooling : Heating | m³/min | 701 : 701 | 746 : 766 | 1,219 : 1,219 | 1,219 : 1,219 | 1,369 : 1,336 | 1,369 : 1,336 | 1,402 : 1,369 | 1,402 : 1,369 |
| Sound pressure level (Silent mode) | | Cooling : Heating | dB(A) | 48 (46) : 49 (47) | 49 (47) : 49 (47) | 52 (50) : 52 (50) | 52 (50) : 52 (50) | 55 (53) : 55 (53) | 55 (53) : 55 (53) | 56 (54) : 56 (54) | 56 (54) : 56 (54) |
| Sound power level (Silent mode) | | Cooling : Heating | dB | 66 (64) : 67 (65) | 67 (65) : 67 (65) | 70 (68) : 70 (68) | 70 (68) : 70 (68) | 73 (71) : 73 (71) | 73 (71) : 73 (71) | 74 (72) : 74 (72) | 74 (72) : 74 (72) |
| Piping connections | | Liquid / Gas | mm | Ø6.35 / Ø12.7*1 | Ø6.35 / Ø15.88*2 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 | Ø9.52 / Ø15.88 |
| Pipe length range | | min. - max. | m | 3 - 40 | 3 - 40 | 5 - 50 | 5 - 50 | 5 - 50 | 5 - 50 | 5 - 50 | 5 - 50 |
| Elevation difference (OU located lower, OU located higher) | | | m | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 15, 30 | 15, 30 |
| Maximum chargeless length | | | m | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Refrigerant at shipping, Additional gas amount | | | g | R32 1,130 / 15 (g/m) | R32 1,320 / 17 (g/m) | R32 2,400 / 45 (g/m) | R32 2,400 / 45 (g/m) | R32 2,800 / 45 (g/m) | R32 2,800 / 45 (g/m) | R32 2,800 / 45 (g/m) | R32 2,800 / 45 (g/m) |
| Operation ranges | | Cooling : Heating | ℃ | -10 to 46 : -15 to 24 | -10 to 46 : -15 to 24 | -10 to 46 : -15 to 24 | -10 to 46 : -15 to 24 | -10 to 46 : -15 to 24 | -10 to 46 : -15 to 24 | -10 to 46 : -15 to 24 | -10 to 46 : -15 to 24 |