

## 1-1. Unit Specifications

## Single - Type

## 1-1-1. PZ3

## 1-1-1-1. 4-Way Cassette Type S-6071PU3E(71) / U-71PZ3E5A

|                                                     |                                                                                    |                    |                                                                                                                        |                    |                  |                                                  |        |              |              |              |        |        |       |
|-----------------------------------------------------|------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------|--------------------|------------------|--------------------------------------------------|--------|--------------|--------------|--------------|--------|--------|-------|
| INDOOR                                              |                                                                                    | MODEL              | S-6071PU3E(71)                                                                                                         |                    |                  | -                                                |        |              | -            |              |        |        |       |
| PANEL                                               |                                                                                    | MODEL              | Standard type : CZ-KPU3 or CZ-KPU3W / ECONAVI type : CZ-KPU3A or CZ-KPU3AW                                             |                    |                  | -                                                |        |              | -            |              |        |        |       |
| OUTDOOR                                             |                                                                                    | MODEL              | -                                                                                                                      |                    |                  | U-71PZ3E5A                                       |        |              | -            |              |        |        |       |
| Branch pipe                                         |                                                                                    | MODEL              |                                                                                                                        |                    |                  | -                                                |        |              |              |              |        |        |       |
| Performance test condition                          |                                                                                    |                    | ISO5151 / EN14511 / EN12102 / EN14825                                                                                  |                    |                  |                                                  |        |              |              |              |        |        |       |
| Power supply                                        |                                                                                    |                    | Ø, Hz                                                                                                                  |                    | 1Ø 50Hz          |                                                  |        | 1Ø 50Hz      |              |              |        |        |       |
|                                                     |                                                                                    |                    | V                                                                                                                      |                    | 220V             | 230V                                             | 230V   | 240V         | 220V         | 230V         | 240V   | Min    | Max   |
| C<br>O<br>O<br>L<br>I<br>N<br>G                     | Capacity                                                                           |                    | kW                                                                                                                     |                    | 7.1              | 7.1                                              | 7.1    | -            | -            | -            | -      | 2.6    | 7.7   |
|                                                     |                                                                                    |                    | BTU/h                                                                                                                  |                    | 24200            | 24200                                            | 24200  | -            | -            | -            | -      | 8900   | 26300 |
|                                                     | Current                                                                            |                    | A                                                                                                                      |                    | -                | -                                                | -      | -            | 10.0         | 9.65         | 9.25   | -      | -     |
|                                                     |                                                                                    |                    | W                                                                                                                      |                    | -                | -                                                | -      | -            | -            | -            | -      | -      | -     |
|                                                     | Input power                                                                        |                    | TOTAL W                                                                                                                |                    | -                |                                                  |        | 2.170k       | 2.170k       | 2.170k       | 0.520k | 2.780k |       |
|                                                     | Annual consumption                                                                 |                    | TOTAL kWh *4                                                                                                           |                    | -                | -                                                | -      | -            | 1085         | -            | -      | -      | -     |
|                                                     | EER/EER CLASS                                                                      |                    | TOTAL (W/W) *5/ ("A"~"G")                                                                                              |                    | -                | -                                                | -      | 3.27         | 3.27 / A     | 3.27         | 5.00   | 2.77   |       |
|                                                     | ErP<br>*6                                                                          | Pdesign            | kW                                                                                                                     |                    | -                | -                                                | -      | -            | 7.1          | -            | -      | -      | -     |
|                                                     |                                                                                    | SEER               | (W/W)                                                                                                                  |                    | -                | -                                                | -      | -            | 6.8          | -            | -      | -      | -     |
|                                                     |                                                                                    | Annual consumption | kWh                                                                                                                    |                    | -                | -                                                | -      | -            | 365          | -            | -      | -      | -     |
|                                                     |                                                                                    | Class              |                                                                                                                        |                    | -                | -                                                | -      | -            | A++          | -            | -      | -      | -     |
|                                                     | Power factor                                                                       |                    | %                                                                                                                      |                    | -                | -                                                | -      | -            | 98           | -            | 98     | -      | -     |
|                                                     | Noise indoor *7                                                                    |                    | dB-A (H/M/L)                                                                                                           |                    | 37 / 31 / 28     |                                                  |        |              |              |              | -      | -      |       |
|                                                     |                                                                                    | Power Level dB     |                                                                                                                        | 52 / 46 / 43       |                  |                                                  |        |              |              | -            | -      |        |       |
| Noise outdoor                                       |                                                                                    | dB-A (H/L)         |                                                                                                                        | -                  |                  |                                                  | 48 / - |              |              | -            | -      |        |       |
|                                                     |                                                                                    | Power Level dB     |                                                                                                                        | -                  |                  |                                                  | 66 / - |              |              | -            | -      |        |       |
| H<br>E<br>A<br>T<br>I<br>N<br>G                     | Capacity                                                                           |                    | kW                                                                                                                     |                    | 7.1              | 7.1                                              | 7.1    | -            | -            | -            | -      | 2.1    | 8.1   |
|                                                     |                                                                                    |                    | BTU/h                                                                                                                  |                    | 24200            | 24200                                            | 24200  | -            | -            | -            | -      | 7200   | 27600 |
|                                                     | Current                                                                            |                    | A                                                                                                                      |                    | -                | -                                                | -      | -            | 7.80         | 7.45         | 7.15   | -      | -     |
|                                                     |                                                                                    |                    | W                                                                                                                      |                    | -                | -                                                | -      | -            | -            | -            | -      | -      | -     |
|                                                     | Input power                                                                        |                    | TOTAL W                                                                                                                |                    | -                |                                                  |        | 1.680k       | 1.680k       | 1.680k       | 0.330k | 2.400k |       |
|                                                     | COP/COP CLASS                                                                      |                    | TOTAL (W/W) *5/ ("A"~"G")                                                                                              |                    | -                | -                                                | -      | 4.23         | 4.23 / A     | 4.23         | 6.36   | 3.38   |       |
|                                                     | ErP<br>*6                                                                          | Pdesign at -10°C   | kW                                                                                                                     |                    | -                | -                                                | -      | -            | 5.2          | -            | -      | -      | -     |
|                                                     |                                                                                    | Tbivalent          | °C                                                                                                                     |                    | -                | -                                                | -      | -            | -10          | -            | -      | -      | -     |
|                                                     |                                                                                    | SCOP               | (W/W)                                                                                                                  |                    | -                | -                                                | -      | -            | 4.6          | -            | -      | -      | -     |
|                                                     |                                                                                    | Annual consumption | kWh                                                                                                                    |                    | -                | -                                                | -      | -            | 1583         | -            | -      | -      | -     |
|                                                     |                                                                                    | elbu(-10°C)        | kW                                                                                                                     |                    | -                | -                                                | -      | -            | 0.00         | -            | -      | -      | -     |
|                                                     | Class                                                                              |                    |                                                                                                                        |                    | -                | -                                                | -      | -            | A++          | -            | -      | -      | -     |
|                                                     | Power factor                                                                       |                    | %                                                                                                                      |                    | -                | -                                                | -      | -            | 98           | 98           | 98     | -      | -     |
|                                                     | Noise indoor *7                                                                    |                    | dB-A (H/M/L)                                                                                                           |                    | 37 / 31 / 28     |                                                  |        |              |              |              | -      | -      |       |
|                                                     |                                                                                    |                    | Power Level dB                                                                                                         |                    | 52 / 46 / 43     |                                                  |        |              |              |              | -      | -      |       |
| Noise outdoor                                       |                                                                                    | dB-A (H/L)         |                                                                                                                        | -                  |                  |                                                  | 49 / - |              |              | -            | -      |        |       |
|                                                     |                                                                                    | Power Level dB     |                                                                                                                        | -                  |                  |                                                  | 68 / - |              |              | -            | -      |        |       |
| LOW TEMP                                            | Total capacity(kW) / Input power(W) / COP                                          |                    |                                                                                                                        |                    |                  |                                                  |        | -            | -            | -            | -      | -      |       |
| EXTRA LOW TEMP                                      | Total capacity(kW) / Input power(W) / COP                                          |                    |                                                                                                                        |                    |                  |                                                  |        | -            | -            | -            | -      | -      |       |
| Max Current(A) / Max Input power(W)                 |                                                                                    |                    |                                                                                                                        |                    | -                | -                                                | -      | 14.8 / 3.02k | 14.8 / 3.12k | 14.8 / 3.22k | -      | -      |       |
| Starting current(A) (Cooling/Heating)               |                                                                                    |                    |                                                                                                                        |                    | -                | -                                                | -      | 10.0 / 7.80  | 9.65 / 7.45  | 9.25 / 7.15  | -      | -      |       |
| Comp output(W)                                      |                                                                                    |                    |                                                                                                                        |                    | -                |                                                  |        | 2.00k        | 2.00k        | 2.00k        | -      | -      |       |
| Time Delay fuse max size(A)                         |                                                                                    |                    |                                                                                                                        |                    | -                |                                                  |        | 20           |              |              | -      | -      |       |
| Network Impedance(ΩMAX.)                            |                                                                                    |                    |                                                                                                                        |                    | -                |                                                  |        | -            |              |              | -      | -      |       |
| Fan motor output (Indoor/Outdoor) W                 |                                                                                    |                    |                                                                                                                        |                    | 60               |                                                  |        | 40           |              |              | -      | -      |       |
| Moisture removal volume                             |                                                                                    |                    | L/h                                                                                                                    |                    | 2.5 (2.5 ×1)     |                                                  |        | -            |              |              | -      | -      |       |
| External static pressure                            |                                                                                    |                    | Pa                                                                                                                     |                    | -                |                                                  |        | -            |              |              | -      | -      |       |
| Indoor<br>Air flow *7                               | Cooling                                                                            | m³/min (H/M/L)     |                                                                                                                        | 22.0 / 16.0 / 13.0 |                  |                                                  | -      |              |              | -            | -      |        |       |
|                                                     | Heating                                                                            | m³/min (H/M/L)     |                                                                                                                        | 22.0 / 16.0 / 13.0 |                  |                                                  | -      |              |              | -            | -      |        |       |
| Outdoor<br>Air flow                                 | Cooling                                                                            | m³/min             |                                                                                                                        | -                  |                  |                                                  | 44.7   |              |              | -            | -      |        |       |
|                                                     | Heating                                                                            | m³/min             |                                                                                                                        | -                  |                  |                                                  | 45.9   |              |              | -            | -      |        |       |
| Refrigerant type / amount(ship) kg / amount(max) kg |                                                                                    |                    |                                                                                                                        |                    | -                |                                                  |        | R32          | 1.320        | 1.490        | -      | -      |       |
| F-Gas                                               | GWP /<br>CO2eq (ton) (PRECHARGED AMOUNT) /<br>CO2eq (ton) (MAXIMUM CHARGED AMOUNT) |                    | -                                                                                                                      |                    |                  | 675                                              |        |              | 0.89         | 1.01         | -      | -      |       |
|                                                     |                                                                                    |                    |                                                                                                                        |                    |                  |                                                  |        |              |              |              |        |        |       |
| Product dimension                                   |                                                                                    | Height             | mm                                                                                                                     |                    | 256              |                                                  |        | 695          |              |              | -      | -      |       |
|                                                     |                                                                                    | Width              | mm                                                                                                                     |                    | 840              |                                                  |        | 875          |              |              | -      | -      |       |
|                                                     |                                                                                    | Depth              | mm                                                                                                                     |                    | 840              |                                                  |        | 320          |              |              | -      | -      |       |
| Product dimension (Panel)                           |                                                                                    | H×W×D              | mm                                                                                                                     |                    | 33.5 × 950 × 950 |                                                  |        | -            |              |              | -      | -      |       |
| Packing dimension                                   |                                                                                    | Height             | mm                                                                                                                     |                    | 302              |                                                  |        | 761          |              |              | -      | -      |       |
|                                                     |                                                                                    | Width              | mm                                                                                                                     |                    | 898              |                                                  |        | 1049         |              |              | -      | -      |       |
|                                                     |                                                                                    | Depth              | mm                                                                                                                     |                    | 898              |                                                  |        | 460          |              |              | -      | -      |       |
| Weight                                              |                                                                                    | (NET)              | kg                                                                                                                     |                    | 20               |                                                  |        | 50           |              |              | -      | -      |       |
|                                                     |                                                                                    | (GROSS)            | kg                                                                                                                     |                    | 26               |                                                  |        | 54           |              |              | -      | -      |       |
|                                                     |                                                                                    | Panel (NET)        | kg                                                                                                                     |                    | 5                |                                                  |        | -            |              |              | -      | -      |       |
| Layers limit (actually)                             |                                                                                    |                    |                                                                                                                        |                    | 11 (12)          |                                                  |        | 3 (4)        |              |              | -      | -      |       |
| Operation condition                                 |                                                                                    | Cool (DBT)         | 18°C ~ 32°C                                                                                                            |                    |                  | -10°C ~ 43°C                                     |        |              | -            |              |        | -      |       |
|                                                     |                                                                                    | Heat (DBT)         | 16°C ~ 30°C                                                                                                            |                    |                  | -15°C ~ 24°C                                     |        |              | -            |              |        | -      |       |
| Max Working Pressure HP/LP MPa                      |                                                                                    |                    |                                                                                                                        |                    | 4.15 / 2.55      |                                                  |        |              |              |              | -      | -      |       |
| P<br>I<br>P<br>I<br>N<br>G                          | Pipe port diameter mm (inch)                                                       |                    | (Liquid)Ø9.52(3/8) (Gas)Ø15.88(5/8)                                                                                    |                    |                  | (Liquid)Ø6.35(1/4) (Gas)Ø15.88(5/8)              |        |              |              |              |        | -      |       |
|                                                     | Pipe diameter mm (inch)                                                            |                    | (Liquid)Ø6.35(1/4) (Gas)Ø15.88(5/8) *Connect the liquid socket tube(Ø9.52-Ø6.35) to the liquid tubing side indoor unit |                    |                  |                                                  |        |              |              |              |        | -      |       |
|                                                     | Connecting method                                                                  |                    | flared type                                                                                                            |                    |                  | flared type                                      |        |              |              |              |        | -      |       |
|                                                     | Standard length m                                                                  |                    |                                                                                                                        |                    |                  | 5 m                                              |        |              |              |              |        | -      |       |
|                                                     | Pipe length range m                                                                |                    |                                                                                                                        |                    |                  | 3 ~ 40 m                                         |        |              |              |              |        | -      |       |
|                                                     | Indoor unit & Outdoor unit height difference m                                     |                    |                                                                                                                        |                    |                  | 20 m(OD located lower) / 30 m(OD located higher) |        |              |              |              |        | -      |       |
|                                                     | Add gas amount g/m                                                                 |                    |                                                                                                                        |                    |                  | 17 g/m                                           |        |              |              |              |        | -      |       |
|                                                     | Pipe length for additional gas m                                                   |                    |                                                                                                                        |                    |                  | 30 m                                             |        |              |              |              |        | -      |       |

\* In the case of nanoe X OFF

\*1 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.

\*2 If the EUROVENT Certified models can be operated under the "extra-low" temperature condition, -7°C dry bulb and -8°C wet-bulb temperatures with rated voltage 230V shall be used.

\*3 Network Impedance shall be applicable for EUROPE and CHINA models.

\*4 The annual consumption is calculated by multiplying the input power at 230V(400V) by an average of 500 hours per year in cooling mode.

\*5 EER and COP classification is at 230V(400V) only in accordance with EU directive 2002/31/EC.

\*6 SEER and SCOP classification is at 230V(400V) only in accordance with EN-14825. For heating, SCOP indicates the value of only Average heating season, Other fiche data indicates in an attached sheet.

\*7 H : High at setting 5 stage (Level 5), M : Middle at setting 5 stage (Level 3), L : Low at setting 5 stage (Level 1)