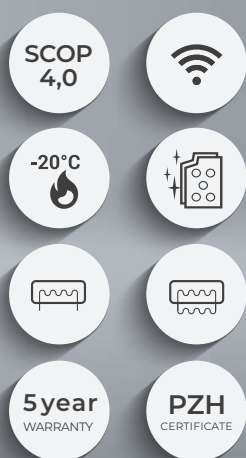


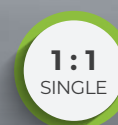
# Cassette air conditioner

Tenji CS T160X<sup>[R16]</sup>

S-LINE



Optional panel



## Unit features



Digital DC Inverter SKY®



Automatic purification iClean



Electrostatic HD iAIR filter



Super Silent eMOTO mode



Wide-angle eMOTO air supply



eMOTO Turbo mode



Air supply eMOTO control system



Eco eMOTO mode



SMART Wi-Fi



Humidity sensor<sup>(2)</sup>



Wired controller SMART port



SMART LED panel display ON/OFF



Wireless remote control



Wired controller<sup>(1)</sup>



SMART heating to 8°C



SMART Follow mode



Louvre setting memory



Auto restart memory



Anti-corrosive gold fins



Drip tray heater



Compressor crankcase heater



Timer



Cooling at low outdoor temp. down to -15°C



Heating at low outdoor temp. down to -20°C



Self-diagnostics



Sleep mode



Automatic 4D louvres



Integrated condensate pump



Fresh air supply<sup>(1)</sup>



ON/OFF remote output



Alarm output



Weekly controller output



Central controller output



360° air supply



Individual louvre control



Additional air supply<sup>(1)</sup>



BMS Modbus<sup>(1)</sup>



BMS Bacnet<sup>(1)</sup>

# Technical specification

| Model                                                |                           |                     |             | Tenji 15,2 kW               |
|------------------------------------------------------|---------------------------|---------------------|-------------|-----------------------------|
| Capacity                                             | Cooling                   | Nom. (Min. - Max.)  | W           | 15240 (4103-16119)          |
| Rated input                                          |                           | Nom. (Min. - Max.)  | W           | 5700 (1000-6250)            |
| Operating current                                    |                           | Nom. (Min. - Max.)  | A           | 9,6 (1,7-10,6)              |
| Capacity                                             | Heating                   | Nom. (Min. - Max.)  | W           | 18170 (4396-19050)          |
| Rated input                                          |                           | Nom. (Min. - Max.)  | W           | 5700 (1020-6350)            |
| Operating current                                    |                           | Nom. (Min. - Max.)  | A           | 9,6 (1,7-10,7)              |
| Reversible heat pump type                            |                           |                     |             | air-to-air                  |
| Design load in cooling mode                          |                           |                     | kW          | 15,3                        |
| SEER                                                 |                           |                     | W/W         | 6,1                         |
| Energy efficiency class, cooling                     |                           |                     |             | A++                         |
| Annual electric energy consumption, cooling          |                           |                     | kWh/a       | 1505                        |
| Design load in heating mode (Tbiv -7°C)              |                           |                     | kW          | 11,8                        |
| SCOP                                                 |                           |                     | W/W         | 4,0                         |
| Energy efficiency class, heating                     |                           |                     |             | A+                          |
| Annual electric energy consumption, heating          |                           |                     | kWh/a       | 4184                        |
| Dehumidification                                     |                           |                     | l/h         | 5,5                         |
| Maximum energy consumption                           |                           |                     | W           | 7500                        |
| Maximum operating current                            |                           |                     | A           | 12,7                        |
| Indoor unit                                          |                           |                     |             | T160Xi R16                  |
| EAN product code                                     |                           |                     |             | 5905567601781               |
| Fan speed                                            |                           | T / H / M / L       | rpm         | 736 / 672 / 640 / 608       |
| Air flow                                             |                           | T / H / M / L       | m³/h        | 2000 / 1850 / 1750 / 1650   |
| Sound pressure level                                 |                           | T / H / M / L       | dB(A)       | 53 / 50,5 / 45,5 / 40       |
| Sound power level                                    |                           |                     | dB(A)       | 66                          |
| Rated input                                          |                           |                     | W           | 157                         |
| Operating current                                    |                           |                     | A           | 0,7                         |
| Net dimensions                                       |                           | W × D × H           | mm          | 830 × 830 × 287             |
| Gross dimensions                                     |                           | W × D × H           | mm          | 910 × 910 × 330             |
| Net weight / Gross weight                            |                           |                     | kg          | 29,3 / 33,5                 |
| Condensate drain                                     |                           |                     | mm          | 25                          |
| Panel                                                | Model                     |                     |             | TSCX2p                      |
|                                                      | EAN product code          |                     |             | 5905567603181               |
|                                                      | Net weight                | W × D × H           | mm          | 950 × 950 × 55              |
|                                                      | Gross weight              | W × D × H           | mm          | 1035 × 1035 × 90            |
|                                                      | Net weight / Gross weight |                     |             | 6 / 9                       |
| Outdoor unit                                         |                           |                     |             | UO160Xo R15                 |
| EAN product code                                     |                           |                     |             | 5905567606434               |
| Fan speed                                            |                           | H / M / L           | rpm         | 850 / 600 / 400             |
| Maximum air flow                                     |                           |                     | m³/h        | 7500                        |
| Sound pressure level                                 |                           |                     | dB(A)       | 65                          |
| Sound power level                                    |                           |                     | dB(A)       | 75                          |
| Net dimensions                                       |                           | W × D × H           | mm          | 980 × 375 × 975             |
| Gross dimensions                                     |                           | W × D × H           | mm          | 1145 × 500 × 1080           |
| Bracket spacing                                      |                           | W × D               | (mm)        | 615 × 397                   |
| Net weight / Gross weight                            |                           |                     | kg          | 92 / 107                    |
| Refrigerant                                          | Type                      |                     |             | R32                         |
|                                                      | GWP                       |                     |             | 675                         |
|                                                      | ≤ 5m                      | kg                  |             | 3,2                         |
|                                                      |                           | TCO <sub>2</sub> eq |             | 2,16                        |
|                                                      | Charged (> 5m)            |                     | g/mb        |                             |
| Pipe connections                                     |                           | Liquid/Gas          | mm (inches) | Φ9,52 / Φ15,9 (3/8" / 5/8") |
| Maximum installation length                          |                           |                     | m           | 75                          |
| Maximum height difference                            |                           |                     | m           | 30                          |
| Compressor type                                      |                           |                     |             | Rotary DC                   |
| Type of outdoor unit power supply                    |                           |                     | V-Hz, Ø     | 380-420-50, 3f              |
| Electrical protection                                |                           |                     | A           | C16/3                       |
| Power cables: outdoor unit                           |                           |                     | pcs × mm²   | 5 × 2,5                     |
| Control and power cables: indoor unit - outdoor unit |                           |                     | pcs × mm²   | 4 × 1                       |
| Indoor operating range (Cooling / Heating)           |                           |                     | °C          | 16~32 / 0~30                |
| Outdoor operating range (Cooling / Heating)          |                           |                     | °C          | -15~50 / -20~24             |
| Compatible systems                                   |                           |                     |             |                             |
| 1:1 SINGLE                                           |                           |                     |             | ●                           |
| 1:2 DUAL                                             |                           |                     |             |                             |
| 1:X MULTI S-Line                                     |                           |                     |             |                             |
| 1:X MULTI N-Line                                     |                           |                     |             |                             |
| 1:X MULTI HP-Line                                    |                           |                     |             |                             |

H - High; M - Middle; L - Low; S - Silent