



FTX-JV



RX-JV



ARC433A8



- › Energy saving during standby mode: reduces current consumption by about 80% when operating in standby (JV range only)
- › Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body (JV range only)
- › Whisper quiet operation: down to 22dBA sound pressure level
- › Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air
- › Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen (50 till 71 class only)



## Heating & Cooling

| Indoor unit  |                             |                                |        | FTX20JV           | FTX25JV         | FTX35JV          | FTX50GV             | FTX60GV             | FTX71GV             |
|--|-----------------------------|--------------------------------|--------|-------------------|-----------------|------------------|---------------------|---------------------|---------------------|
| Cooling capacity   | Min./Nom./Max.              |                                | kW     | 1.3/2.0 /2.6      | 1.3/2.5 /3.0    | 1.3/3.3 /3.8     | 1.7/5.0 /6.0        | -/6.0/-             | -/7.1/-             |
| Heating capacity   | Min./Nom./Max.              |                                | kW     | 1.3/2.5 /3.5      | 1.3/2.8 /4.0    | 1.3/3.5 /4.8     | 1.7/5.8 /7.7        | -/7.0/-             | -/8.2/-             |
| Power input  | Cooling                     | Min./Nom./Max.                 | kW     | 0.31/0.55/0.72    | 0.31/0.73/1.05  | 0.29/0.98/1.30   | 0.44/1.55/2.08      | -/1.99/-            | -/2.35/-            |
|  | Heating                     | Min./Nom./Max.                 | kW     | 0.25/0.59/0.95    | 0.25/0.69/1.11  | 0.29/0.93/1.29   | 0.40/1.60/2.53      | -/2.04/-            | -/2.55/-            |
| Seasonal efficiency (according to EN14825)   | Cooling                     | Energy label                   |        | A+                |                 |                  |                     |                     |                     |
|  |                             | Pdesign                        | kW     | 2.00              | 2.50            | 3.30             | 5.00                | 6.00                | 7.10                |
|  |                             | SEER                           |        | 5.63              |                 |                  |                     |                     |                     |
|  | Annual energy consumption   |                                | kWh    | 124               | 155             | 204              | 311                 | 391                 | 500                 |
|  | Heating (Average climate)   | Energy label                   |        | A+                |                 |                  |                     |                     |                     |
|  |                             | Pdesign                        | kW     | 2.20              | 2.40            | 2.80             | 4.60                | 4.80                | 6.20                |
| SCOP   |                             |                                | 4.67   | 4.50              | 4.14            | 4.08             | 3.88                | 3.81                |                     |
| Annual energy consumption  |                             | kWh                            | 660    | 747               | 945             | 1,578            | 1,730               | 2,276               |                     |
| Nominal efficiency (cooling at 35°/27° nominal load, heating at 7°/20° nominal load) | EER                         |                                |        | 3.64              | 3.42            | 3.37             | 3.23                | 3.02                |                     |
|  | COP                         |                                |        | 4.24              | 4.06            | 3.76             | 3.63                | 3.43                | 3.22                |
|  | Annual energy consumption   |                                | kWh    | 275               | 365             | 490              | 775                 | 995                 | 1,175               |
| Energy label   |                             | Cooling/Heating                |        | A/A               |                 |                  |                     | B/B                 | B/C                 |
| Casing   | Colour                      |                                |        | White             |                 |                  |                     |                     |                     |
| Dimensions   | Unit                        | HeightxWidthxDepth             | mm     | 283x770x198       |                 |                  | 290x1,050x238       |                     |                     |
| Weight   | Unit                        |                                |        | 7                 |                 |                  | 12                  |                     |                     |
| Fan - Air flow rate  | Cooling                     | High/Nom./Low/Silent operation | m³/min | 9.1/9.1/5.9/4.7   | 9.2/9.2/6.0/4.8 | 9.3/9.3/6.1/4.9  | 14.7/14.7/10.3/9.5  | 16.2/16.2/11.4/10.2 | 17.4/17.4/11.6/10.6 |
|  | Heating                     | High/Nom./Low/Silent operation | m³/min | 9.4/7.8/6.3/5.5   | 9.7/8.0/6.3/5.5 | 10.1/8.4/6.7/5.7 | 16.1/13.9/11.5/10.2 | 17.4/15.1/12.7/11.4 | 19.7/16.9/14.3/12.7 |
| Sound power level  | Cooling                     | High/Nom.                      | dBA    | -/55              |                 | -/58             | 59/59               | 61/60               | -/63                |
|  | Heating                     | High                           | dBA    | 55                | 56              | 57               | 58                  | 60                  | 62                  |
| Sound pressure level   | Cooling                     | High/Nom./Low/Silent operation | dBA    | 39/33/25/22       | 40/33/26/22     | 41/34/27/23      | 43/39/34/31         | 45/41/36/33         | 46/42/37/34         |
|  | Heating                     | High/Nom./Low/Silent operation | dBA    | 39/34/28/25       | 40/34/28/25     | 41/35/29/26      | 42/38/33/30         | 44/40/35/32         | 46/42/37/34         |
| Piping connections   | Liquid                      | OD                             | mm     | 6.35              |                 |                  |                     |                     |                     |
|  | Gas                         | OD                             | mm     | 9.52              |                 |                  | 12.7                |                     | 15.9                |
|  | Drain                       | OD                             | mm     | 18                |                 |                  |                     |                     |                     |
| Power supply   | Phase / Frequency / Voltage |                                | Hz / V | 1~ / 50 / 220-240 |                 |                  |                     |                     |                     |

| Outdoor unit         |                             |                    |                | RX20JV            | RX25JV | RX35JV       | RX50GV         | *RX60GVB | *RX71GVB |
|----------------------|-----------------------------|--------------------|----------------|-------------------|--------|--------------|----------------|----------|----------|
| Dimensions           | Unit                        | HeightxWidthxDepth | mm             | 550x658x275       |        |              |                |          |          |
| Weight               | Unit                        |                    |                | 28                |        |              | 30             | 48       | 71       |
| Fan - Air flow rate  | Cooling                     | High/Nom./Low      | m³/min         | 29.2/29.2/-       |        | 27.60/27.6/- | 48.9/48.9/41.7 | -/50.9/- | -/54.5/- |
|                      | Heating                     | High/Nom./Low      | m³/min         | 26.2/-/-          |        | 24.5/-/-     | 45.0/-/41.7    | -/46.3/- | -/46.0/- |
| Sound power level    | Cooling                     | Nom.               | dBA            | 60                |        | 62           | 63             | 62       | 65       |
| Sound pressure level | Cooling                     | High/Low           | dBA            | 46/-              |        | 48/-         | 47/44          | -/-      |          |
|                      | Heating                     | High/Low           | dBA            | 47/-              |        | 48/-         | 48/45          | -/-      |          |
| Operation range      | Cooling                     | Ambient            | Min.~Max. °CDB | 10~46             |        |              | -10~46         |          | -10~46   |
|                      | Heating                     | Ambient            | Min.~Max. °CWB | -15~18            |        |              | -15~18         |          | -15~18   |
| Refrigerant          | Type/GWP                    |                    |                | R-410A/1,975      |        |              |                |          |          |
| Piping connections   | Piping length               | OU - IU            | Max. m         | 15                |        |              | 30             | -        |          |
|                      | Level difference            | IU - OU            | Max. m         | -                 |        |              | 20             | -        |          |
|                      |                             | IU - IU            | Max. m         | 12                |        |              | -              | -        |          |
| Power supply         | Phase / Frequency / Voltage |                    | Hz / V         | 1~ / 50 / 220-240 |        |              |                |          |          |
| Current - 50Hz       | Maximum fuse amps (MFA)     |                    | A              | 16                |        |              | 20             | -        |          |

(1) EER/COP according to Eurovent 2012

\*Note: grey cells contain preliminary data