

# Wall mounted unit

Attractive, wall mounted design with perfect indoor air quality

- › Seasonal efficiency values up to A+++ in cooling and heating
- › Heat boost quickly heats up your home when starting up your air conditioner. Set temperature is reached 14% faster than a regular air conditioner (pair only)
- › Using electrons to trigger chemical reactions with air borne particles, the Flash Streamer breaks down allergens such as pollen and fungal allergens and removes bothersome odours providing a better, cleaner air
- › Silver allergen removal and air purifying filter captures allergens such as pollen to ensure a steady supply of clean air
- › Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc
- › Onecta app: control your indoor from any location with an app, via your local network or internet.
- › Quiet operation: down to 19dBa sound pressure level
- › 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces
- › 2-area motion detection sensor: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting. (larger capacity area)



More details and final information can be found by scanning or clicking the QR codes.



CTXM-R



FTXM-R



RXM-R



RXM-R9

| Efficiency data                 |   | FTXM + RXM | CTXM15R | 20R + 20R9     | 25R + 25R9     | 35R + 35R9     | 42R + 42R      | 50R + 50R      | 60R + 60R      | 71R + 71R       |
|---------------------------------|---|------------|---------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| Cooling capacity                | Min./Nom./Max.                            | kW         |         | 1.30/2.00/2.60 | 1.30/2.50/3.20 | 1.40/3.40/4.00 | 1.70/4.20/5.00 | 1.70/5.00/6.00 | 1.70/6.00/7.00 | 2.30/7.10/8.50  |
| Heating capacity                | Min./Nom./Max.                            | kW         |         | 1.30/2.50/3.50 | 1.30/2.80/4.70 | 1.40/4.00/5.20 | 1.70/5.40/6.00 | 1.70/5.80/7.70 | 1.70/7.00/8.00 | 2.30/8.20/10.20 |
| Power input                     | Cooling                                   | Nom. kW    |         | 0.44           | 0.56           | 0.80           | 0.97           | 1.36           | 1.77           | 2.34            |
|                                 | Heating                                   | Nom. kW    |         | 0.50           | 0.56           | 0.99           | 1.31           | 1.45           | 1.94           | 2.57            |
| Space cooling                   | Energy efficiency class                   |            |         |                | A++            |                |                |                | A++            |                 |
|                                 | Capacity                                  | Pdesign kW |         | 2.00           | 2.50           | 3.40           | 4.20           | 5.00           | 6.00           | 7.10            |
|                                 | SEER                                      |            |         |                | 8.65           |                | 7.85           | 7.41           | 6.90           | 6.20            |
|                                 | Annual energy consumption                 | kWh/a      |         | 81             | 101            | 137            | 187            | 236            | 304            | 401             |
| Space heating (Average climate) | Energy efficiency class                   |            |         |                | A++            |                | A+             |                | A+             |                 |
|                                 | Capacity                                  | Pdesign kW |         | 2.30           | 2.40           | 2.50           | 4.00           | 4.60           | 4.80           | 6.20            |
|                                 | SCOP/A                                    |            |         |                | 5.10           |                | 4.71           |                | 4.30           | 4.10            |
| Nominal efficiency              | Annual energy consumption                 | kWh/a      |         | 631            | 659            | 686            | 1,189          | 1,368          | 1,562          | 2,117           |
|                                 | EER                                       |            |         | 4.57           | 4.50           | 4.23           | 4.33           | 3.68           | 3.39           | 3.03            |
|                                 | COP                                       |            |         |                | 5.00           | 4.04           | 4.12           | 4.00           | 3.61           | 3.19            |
| Annual energy consumption       |   |            | kWh     | 219            | 278            | 402            | 485            | 679            | 885            | 1,172           |
|                                 | Energy labeling Directive Cooling/Heating |            |         | A/A            |                |                |                |                |                |                 |

| Indoor unit          |                         | FTXM                      | CTXM15R                          | 20R    | 25R              | 35R              | 42R              | 50R              | 60R                 | 71R                 |                     |
|----------------------|-------------------------|---------------------------|----------------------------------|--------|------------------|------------------|------------------|------------------|---------------------|---------------------|---------------------|
| Dimensions           | Unit HeightxWidthxDepth | mm                        |                                  |        | 295x778x272      |                  |                  | 299x998x292      |                     |                     |                     |
| Weight               | Unit                    | kg                        |                                  |        | 10.0             |                  |                  | 14.5             |                     |                     |                     |
| Air filter           | Type                    | Removable/washable        |                                  |        |                  |                  |                  |                  |                     |                     |                     |
| Fan                  | Air flow rate           | Cooling                   | Silent operation/Low/Medium/High | m³/min | 4.3/5.7/7.5/10.5 | 4.1/5.7/7.6/10.5 | 4.2/6.0/7.8/11.3 | 4.3/6.5/9.0/11.9 | 8.3/11.4/14/15.8    | 9.1/11.8/14/16.7    | 10.0/12.2/15/16.9   |
|                      |                         | Heating                   | Silent operation/Low/Medium/High | m³/min | 5.1/6.2/8.2/9.3  | 4.9/6.3/8.0/9.8  | 4.9/6.5/8.5/9.8  | 4.9/6.5/9.7/12.4 | 10.5/12.0/14.2/15.8 | 11.1/12.4/15.2/16.5 | 11.6/12.7/15.8/17.7 |
| Sound power level    | Cooling                 | dBA                       |                                  |        | 57               |                  | 58               | 60               | 58.0                | 60.0                |                     |
|                      | Heating                 | dBA                       |                                  |        | 54               |                  | 60               | 58.0             | 59.0                |                     | 61.0                |
| Sound pressure level | Cooling                 | Silent operation/Low/High | dBA                              |        | 19/25/41         |                  | 19/29/45         | 21/30/45         | 27.0/36.0/44.0      | 30.0/37.0/46.0      | 32.0/38.0/47.0      |
|                      | Heating                 | Silent operation/Low/High | dBA                              |        | 20/26/39         |                  | 20/27/39         | 20/28/39         | 21/29/45            | 31.0/34.0/43.0      | 33.0/36.0/45.0      |
| Control systems      | Infrared remote control | ARC466A67                 |                                  |        |                  |                  |                  |                  |                     |                     |                     |

| Outdoor unit                  |                         | RXM        | CTXM15R     | 20R9           | 25R9        | 35R9            | 42R                                    | 50R             | 60R        | 71R    |    |
|-------------------------------|-------------------------|------------|-------------|----------------|-------------|-----------------|--|-----------------|------------|--------|----|
| Dimensions                    | Unit HeightxWidthxDepth | mm         |             |                | 552x840x350 |                 |  | 734x954x401     |            |        |    |
| Weight                        | Unit                    | kg         |             |                | 32          |                 |  | 49.0            |            |        |    |
| Sound power level             | Cooling                 | Nom. dBA   |             | 59.0           |             | 58.0            | 61.0                                   | 62              | 62         | 63     | 66 |
|                               | Heating                 | Nom. dBA   |             | 59.0           |             | 61.0            | 42                                     | 50              | 60         | 71     |    |
| Sound pressure level          | Cooling                 | Nom. dBA   |             | 46.0           |             | 49.0            | 48.0                                   |                 | 47.0       |        |    |
|                               | Heating                 | Nom. dBA   |             | 47.0           |             | 49.0            | 48.0                                   | 49.0            |            | 48.0   |    |
| Operation range               | Cooling                 | Ambient    | Min.~Max.   | °CDB           |             | -10~50(1)/46(2) |  | -10~50(4)/46(5) |            | -10~46 |    |
|                               | Heating                 | Ambient    | Min. - Max. | °CWB           |             | -15~18 (R2)     |  | -21~18 (R5)     |            | -15~18 |    |
| Refrigerant                   | Type/GWP                | R-32/675.0 |             |                |             |                 |  |                 |            |        |    |
| Piping connections            | Liquid                  | OD         | mm          |                | 0.76/0.52   |                 | 1.10/0.750                             |                 | 1.15/0.780 |        |    |
|                               | Gas                     | OD         | mm          |                | 6.35        |                 | 6                                      |                 | 12.7       |        |    |
| Piping length                 | OU - IU                 | Max.       | m           |                | 9.50        |                 | 10                                     |                 | 30         |        |    |
|                               | System                  | Chargeless | m           |                | 20          |                 | 10                                     |                 | 15.9       |        |    |
| Additional refrigerant charge | Level difference        | IU - OU    | Max. kg/m   |                | 15          |                 | 0.02 (for piping length exceeding 10m) |                 | 20.0       |        |    |
|                               | Phase/Frequency/Voltage | Hz/V       |             | 1~/50 /220-240 |             |                 |  |                 |            |        |    |
| Current - 50Hz                | Maximum fuse amps (MFA) | A          |             | 10             |             | 13              |  | 16              |            | 20     |    |

See separate drawing for operation range | See separate drawing for electrical data | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m | Contains fluorinated greenhouse gases | See separate drawings for electrical data