



# Air Conditioning Technical Data RXJ-M9





# TABLE OF CONTENTS

## RXJ-M9

---

|    |                                 |    |
|----|---------------------------------|----|
| 1  | Features                        | 4  |
|    | RXJ-M9                          | 4  |
| 2  | Specifications                  | 5  |
| 3  | Electrical data                 | 15 |
| 4  | Capacity tables                 | 16 |
|    | Cooling/Heating Capacity Tables | 16 |
| 5  | Dimensional drawings            | 19 |
| 6  | Centre of gravity               | 20 |
| 7  | Piping diagrams                 | 21 |
| 8  | Wiring diagrams                 | 22 |
|    | Wiring Diagrams - Single Phase  | 22 |
| 9  | Sound data                      | 23 |
|    | Sound Pressure Spectrum         | 23 |
| 10 | Installation                    | 25 |
|    | Installation Method             | 25 |
| 11 | Operation range                 | 26 |

# 1 Features

## 1 - 1 RXJ-M9

- › Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- › Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- › Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
- › Outdoor units for pair application
- › Anti-corrosion treated outdoor heat exchanger fin



Powerful mode



Auto cooling-heating changeover



Outdoor unit silent operation

## 2 Specifications

### 2 - 1 Specifications

| Technical specifications                                          |                                                   |             |        | FTXJ20AB + RXJ20M9 | FTXJ25AB + RXJ25M9 | FTXJ35AB + RXJ35M9 |
|-------------------------------------------------------------------|---------------------------------------------------|-------------|--------|--------------------|--------------------|--------------------|
| Indoor unit                                                       |                                                   |             |        | FTXJ20A2V1BB       | FTXJ25A2V1BB       | FTXJ35A2V1BB       |
| Outdoor unit                                                      |                                                   |             |        | RXJ20M5V1B9        | RXJ25M5V1B9        | RXJ35M5V1B9        |
| Cooling capacity                                                  | Nom.                                              |             | kW     | 2.30               | 2.40               | 3.50               |
| Cooling capacity - Low sound mode (Stb. 2020, 189)                | Min.                                              |             | kcal/h | -                  | -                  | -                  |
|                                                                   | Nom.                                              |             | kW     | 2.30               | 2.40               | 3.50               |
|                                                                   | Max.                                              |             | kcal/h | -                  | -                  | -                  |
| Heating capacity                                                  | Nom.                                              |             | kW     | 2.50               | 3.20               | 4.00               |
| Heating capacity - Low sound mode (Stb. 2020, 189)                | Nom.                                              |             | kW     | 2.50               | 3.20               | 4.00               |
| Power input                                                       | Cooling                                           | Nom.        | kW     | 0.50               | 0.51               | 0.86               |
|                                                                   | Heating                                           | Nom.        | kW     | 0.50               | 0.70               | 0.99               |
| Power input - Low sound mode (Stb. 2020, 189)                     | Cooling                                           | Nom.        | kW     | 0.50               | 0.51               | 0.86               |
|                                                                   | Heating                                           | Nom.        | kW     | 0.50               | 0.70               | 0.99               |
| Nominal efficiency                                                | EER                                               |             |        | 4.64               | 4.73               | 4.09               |
|                                                                   | COP                                               |             |        | 5.00               | 4.57               | 4.04               |
|                                                                   | Annual energy consumption                         |             | kWh    | 248                | 254                | 428                |
|                                                                   | Energy labeling                                   | Cooling     |        |                    | A                  |                    |
|                                                                   |                                                   | Heating     |        |                    | A                  |                    |
|                                                                   | Directive                                         |             |        |                    |                    |                    |
| Nominal efficiency - Low sound mode (Stb. 2020, 189)              | EER                                               |             |        | 4.64               | 4.73               | 4.09               |
|                                                                   | COP                                               |             |        | 5.00               | 4.57               | 4.04               |
|                                                                   | Annual energy consumption                         |             | kWh    | 248                | 254                | 428                |
| Space cooling                                                     | Energy efficiency class                           |             |        | A+++               |                    | A++                |
|                                                                   | Capacity                                          | Pdesign     | kW     | 2.30               | 2.40               | 3.50               |
|                                                                   | SEER                                              |             |        | 8.73               | 8.64               | 7.19               |
|                                                                   | Annual energy consumption                         |             | kWh/a  | 92                 | 97                 | 170                |
| Space cooling - Low sound mode (Stb. 2020, 189)                   | Capacity                                          | Pdesign     | kW     | 2.30               | 2.40               | 3.50               |
|                                                                   | SEER                                              |             |        | 8.73               | 8.64               | 7.19               |
|                                                                   | Annual energy consumption                         |             | kWh/a  | 92                 | 97                 | 170                |
| Space heating (Average climate)                                   | Capacity                                          | Pdesign     | kW     | 2.10               | 2.70               | 3.00               |
|                                                                   | Energy efficiency class                           |             |        | A++                |                    |                    |
|                                                                   | SCOP/A                                            |             |        | 4.61               |                    | 4.60               |
|                                                                   | SCOPnet/A                                         |             |        | 4.65               | 4.66               | 4.64               |
|                                                                   | Pdh Heating capacity at -10°                      |             | kW     | 1.80               | 2.18               | 2.61               |
|                                                                   | Annual energy consumption                         |             | kWh/a  | 638                | 822                | 913                |
|                                                                   | Required back up heating cap at design conditions |             | kW     | 0.30               | 0.52               | 0.39               |
| Space heating (Average climate) - Low sound mode (Stb. 2020, 189) | Capacity                                          | Pdesign     | kW     | 2.10               | 2.70               | 3.00               |
|                                                                   | SCOP/A                                            |             |        | 4.61               |                    | 4.60               |
| Space heating (Average climate) - Low sound mode (Stb. 2020, 189) | SCOPnet/A                                         |             |        | 4.65               | 4.66               | 4.64               |
|                                                                   | Pdh Heating capacity at -10°                      |             | kW     | 1.80               | 2.18               | 2.61               |
|                                                                   | Annual energy consumption                         |             | kWh/a  | 638                | 822                | 913                |
|                                                                   | Required back up heating cap at design conditions |             | kW     | 0.30               | 0.52               | 0.39               |
| Space heating (Warm climate)                                      | Capacity                                          | Pdesignh    | kW     | 1.07               | 1.40               | 1.53               |
|                                                                   | Energy efficiency class                           |             |        | A++                | A+++               |                    |
|                                                                   | SCOP                                              |             |        | 5.00               | 5.21               | 5.32               |
|                                                                   | SCOPnet                                           |             |        | 5.11               | 5.30               | 5.41               |
|                                                                   | Annual energy consumption                         |             | kWh/a  | 300                | 376                | 403                |
|                                                                   | Required back up heating cap at design conditions |             | kW     |                    | 0.00               |                    |
| Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)    | Capacity                                          | Pdesign     | kW     | 1.07               | 1.40               | 1.53               |
|                                                                   | SCOP                                              |             |        | 5.00               | 5.21               | 5.32               |
|                                                                   | SCOPnet                                           |             |        | 5.11               | 5.30               | 5.41               |
|                                                                   | Annual energy consumption                         |             | kWh/a  | 300                | 376                | 403                |
|                                                                   | Required back up heating cap at design conditions |             | kW     |                    | 0.00               |                    |
| Space cooling                                                     | A Condition                                       | Pdc         | kW     | 2.30               | 2.40               | 3.50               |
|                                                                   | (35°C - 27/19)                                    | EERd        |        | 4.64               | 4.73               | 4.09               |
|                                                                   |                                                   | Power input | kW     | 0.50               | 0.51               | 0.86               |
|                                                                   | B Condition                                       | Pdc         | kW     | 1.62               | 1.70               | 2.53               |
|                                                                   | (30°C - 27/19)                                    | EERd        |        | 7.67               | 7.33               | 5.44               |
|                                                                   |                                                   | Power input | kW     | 0.21               | 0.23               | 0.47               |
|                                                                   | C Condition                                       | Pdc         | kW     |                    | 1.27               | 1.66               |
|                                                                   | (25°C - 27/19)                                    | EERd        |        | 10.69              | 10.55              | 7.88               |
|                                                                   |                                                   | Power input | kW     |                    | 0.12               | 0.21               |
|                                                                   | D Condition                                       | Pdc         | kW     | 1.36               | 1.37               | 1.46               |
|                                                                   | (20°C - 27/19)                                    | EERd        |        | 14.25              | 14.16              | 13.76              |
|                                                                   |                                                   | Power input | kW     |                    | 0.10               | 0.11               |

## 2 Specifications

### 2 - 1 Specifications

| Technical specifications                                          |                            |                                   |       | FTXJ20AB + RXJ20M9 | FTXJ25AB + RXJ25M9 | FTXJ35AB + RXJ35M9 |
|-------------------------------------------------------------------|----------------------------|-----------------------------------|-------|--------------------|--------------------|--------------------|
| Space cooling - Low sound mode (Stb. 2020, 189)                   | A Condition (35°C - 27/19) | Pdc                               | kW    | 2.30               | 2.40               | 3.50               |
|                                                                   |                            | EERd                              |       | 4.64               | 4.73               | 4.09               |
|                                                                   |                            | Power input                       | kW    | 0.50               | 0.51               | 0.86               |
|                                                                   | B Condition (30°C - 27/19) | Pdc                               | kW    | 1.62               | 1.70               | 2.53               |
|                                                                   |                            | EERd                              |       | 7.67               | 7.33               | 5.44               |
|                                                                   |                            | Power input                       | kW    | 0.21               | 0.23               | 0.47               |
|                                                                   | C Condition (25°C - 27/19) | Pdc                               | kW    |                    | 1.27               | 1.66               |
|                                                                   |                            | EERd                              |       | 10.69              | 10.55              | 7.88               |
|                                                                   |                            | Power input                       | kW    |                    | 0.12               | 0.21               |
|                                                                   | D Condition (20°C - 27/19) | Pdc                               | kW    | 1.36               | 1.37               | 1.46               |
| Space cooling - Low sound mode (Stb. 2020, 189)                   | D Condition (20°C - 27/19) | EERd                              | 14.25 | 14.16              | 13.76              |                    |
|                                                                   | Power input                | kW                                |       | 0.10               | 0.11               |                    |
| Space heating (Average climate)                                   | TOL                        | Tol (temperature operating limit) | °C    |                    | -15                |                    |
|                                                                   |                            | Pdh (declared heating cap)        | kW    | 1.68               | 1.95               | 2.56               |
|                                                                   |                            | COPd (declared COP)               |       | 2.69               | 2.47               | 2.41               |
|                                                                   |                            | Power input                       | kW    | 0.62               | 0.79               | 1.06               |
|                                                                   | TBivalent                  | Tbiv (bivalent temperature)       | °C    |                    | -7                 |                    |
|                                                                   |                            | Pdh (declared heating cap)        | kW    | 1.87               | 2.31               | 2.64               |
|                                                                   |                            | COPd (declared COP)               |       | 3.40               |                    | 3.10               |
|                                                                   |                            | Power input                       | kW    | 0.55               | 0.75               | 0.85               |
|                                                                   | A Condition (-7°C)         | Pdh (declared heating cap)        | kW    | 1.87               | 2.31               | 2.64               |
|                                                                   |                            | COPd (declared COP)               |       | 3.40               |                    | 3.10               |
|                                                                   |                            | Power input                       | kW    | 0.55               | 0.75               | 0.85               |
|                                                                   | B Condition (2°C)          | Pdh (declared heating cap)        | kW    | 1.07               | 1.40               | 1.53               |
|                                                                   |                            | COPd (declared COP)               |       | 4.89               | 4.87               | 4.80               |
|                                                                   |                            | Power input                       | kW    | 0.22               | 0.29               | 0.32               |
|                                                                   | C Condition (7°C)          | Pdh (declared heating cap)        | kW    |                    | 1.00               | 1.07               |
|                                                                   |                            | COPd (declared COP)               |       |                    | 5.37               | 5.40               |
|                                                                   |                            | Power input                       | kW    |                    | 0.19               | 0.20               |
|                                                                   | D Condition (12°C)         | Pdh (declared heating cap)        | kW    |                    | 0.96               | 0.99               |
|                                                                   |                            | COPd (declared COP)               |       |                    | 6.36               | 6.42               |
|                                                                   |                            | Power input                       | kW    |                    |                    | 0.15               |
| Space heating (Average climate) - Low sound mode (Stb. 2020, 189) | TOL                        | Tol (temperature operating limit) | °C    |                    | -15                |                    |
|                                                                   |                            | Pdh (declared heating cap)        | kW    | 1.68               | 1.95               | 2.56               |
|                                                                   |                            | COPd (declared COP)               |       | 2.69               | 2.47               | 2.41               |
|                                                                   |                            | Power input                       | kW    | 0.62               | 0.79               | 1.06               |
|                                                                   | TBivalent                  | Tbiv (bivalent temperature)       | °C    |                    | -7                 |                    |
|                                                                   |                            | Pdh (declared heating cap)        | kW    | 1.87               | 2.31               | 2.64               |
|                                                                   |                            | COPd (declared COP)               |       | 3.40               |                    | 3.10               |
|                                                                   |                            | Power input                       | kW    | 0.55               | 0.75               | 0.85               |
|                                                                   | A Condition (-7°C)         | Pdh (declared heating cap)        | kW    | 1.87               | 2.31               | 2.64               |
|                                                                   |                            | COPd (declared COP)               |       | 3.40               |                    | 3.10               |
|                                                                   |                            | Power input                       | kW    | 0.55               | 0.75               | 0.85               |
|                                                                   | B Condition (2°C)          | Pdh (declared heating cap)        | kW    | 1.07               | 1.40               | 1.53               |
|                                                                   |                            | COPd (declared COP)               |       | 4.89               | 4.86               | 4.80               |
|                                                                   |                            | Power input                       | kW    | 0.22               | 0.29               | 0.32               |
|                                                                   | C Condition (7°C)          | Pdh (declared heating cap)        | kW    |                    | 1.00               | 1.07               |
|                                                                   |                            | COPd (declared COP)               |       |                    | 5.37               | 5.40               |
|                                                                   |                            | Power input                       | kW    |                    | 0.19               | 0.20               |
|                                                                   | D Condition (12°C)         | Pdh (declared heating cap)        | kW    |                    | 0.96               | 0.99               |
|                                                                   |                            | COPd (declared COP)               |       |                    | 6.36               | 6.42               |
|                                                                   |                            | Power input                       | kW    |                    |                    | 0.15               |
| Space heating (Warm climate)                                      | TOL                        | Tol (temperature operating limit) | °C    |                    | -15                |                    |
|                                                                   |                            | Pdh (declared heating cap)        | kW    | 1.68               | 1.95               | 2.56               |
|                                                                   |                            | COPd (declared COP)               |       | 2.69               | 2.47               | 2.41               |
|                                                                   |                            | Power input                       | kW    | 0.62               | 0.79               | 1.06               |
|                                                                   | TBivalent                  | Tbiv (bivalent temperature)       | °C    |                    | 2                  |                    |
|                                                                   |                            | Pdh (declared heating cap)        | kW    | 1.07               | 1.40               | 1.53               |
|                                                                   |                            | COPd (declared COP)               |       | 4.89               | 4.87               | 4.80               |
|                                                                   |                            | Power input                       | kW    | 0.22               | 0.29               | 0.32               |
|                                                                   | B Condition (2°C)          | Pdh (declared heating cap)        | kW    | 1.07               | 1.40               | 1.53               |
|                                                                   |                            | COPd (declared COP)               |       | 4.89               | 4.87               | 4.80               |
|                                                                   |                            | Power input                       | kW    | 0.22               | 0.29               | 0.32               |
|                                                                   | C Condition (7°C)          | Pdh (declared heating cap)        | kW    |                    | 1.00               | 1.07               |
|                                                                   |                            | COPd (declared COP)               |       |                    | 5.37               | 5.40               |
|                                                                   |                            | Power input                       | kW    |                    | 0.19               | 0.20               |
|                                                                   | D Condition (12°C)         | Pdh (declared heating cap)        | kW    |                    | 0.96               | 0.99               |
|                                                                   |                            | COPd (declared COP)               |       |                    | 6.36               | 6.42               |
|                                                                   |                            | Power input                       | kW    |                    |                    | 0.15               |

## 2 Specifications

### 2 - 1 Specifications

| Technical specifications                                       |                           |                                   |      |         | FTXJ20AB + RXJ20M9 | FTXJ25AB + RXJ25M9 | FTXJ35AB + RXJ35M9 |  |
|----------------------------------------------------------------|---------------------------|-----------------------------------|------|---------|--------------------|--------------------|--------------------|--|
| Space heating (Warm climate) - Low sound mode (Stb. 2020, 189) | TOL                       | Tol (temperature operating limit) |      | °C      | -15                |                    |                    |  |
|                                                                |                           | Pdh (declared heating cap)        |      | kW      | 1.68               | 1.95               | 2.56               |  |
|                                                                |                           | COPd (declared COP)               |      |         | 2.69               | 2.47               | 2.41               |  |
|                                                                |                           | Power input                       |      | kW      | 0.62               | 0.79               | 1.06               |  |
|                                                                | TBivalent                 | Tbiv (bivalent temperature)       |      | °C      | 2                  |                    |                    |  |
|                                                                |                           | Pdh (declared heating cap)        |      | kW      | 1.07               | 1.40               | 1.53               |  |
|                                                                |                           | COPd (declared COP)               |      |         | 4.89               | 4.86               | 4.80               |  |
|                                                                |                           | Power input                       |      | kW      | 0.22               | 0.29               | 0.32               |  |
|                                                                | B Condition (2°C)         | Pdh (declared heating cap)        |      | kW      | 1.07               | 1.40               | 1.53               |  |
|                                                                |                           | COPd (declared COP)               |      |         | 4.89               | 4.86               | 4.80               |  |
|                                                                |                           | Power input                       |      | kW      | 0.22               | 0.29               | 0.32               |  |
|                                                                | C Condition (7°C)         | Pdh (declared heating cap)        |      | kW      | 1.00               |                    | 1.07               |  |
|                                                                |                           | COPd (declared COP)               |      |         | 5.37               |                    | 5.40               |  |
|                                                                |                           | Power input                       |      | kW      | 0.19               |                    | 0.20               |  |
|                                                                | D Condition (12°C)        | Pdh (declared heating cap)        |      | kW      | 0.96               |                    | 0.99               |  |
|                                                                |                           |                                   |      |         |                    |                    |                    |  |
| Space heating (Warm climate) - Low sound mode (Stb. 2020, 189) | D Condition (12°C)        | Power input                       |      | kW      | 0.15               |                    |                    |  |
|                                                                |                           | COPd (declared COP)               |      |         | 6.36               | 6.42               |                    |  |
| Power consumption in other than active mode                    | Crankcase heater mode     | PCK                               |      | W       | 0.0                |                    |                    |  |
|                                                                |                           |                                   |      |         |                    |                    |                    |  |
|                                                                |                           | Off mode                          |      | POFF    | W                  | 1.0                |                    |  |
|                                                                |                           | Standby mode                      |      | Cooling | PSB                | W                  | 1.0                |  |
|                                                                | Thermo-stat-off mode      | PTO                               |      | Heating | W                  | 9.0                |                    |  |
|                                                                |                           |                                   |      |         |                    |                    |                    |  |
|                                                                |                           |                                   |      |         |                    |                    |                    |  |
|                                                                |                           |                                   |      |         |                    |                    |                    |  |
| Cooling                                                        | Cdc (Degradation cooling) |                                   |      |         | 0.25               |                    |                    |  |
| Heating                                                        | Cdh (Degradation heating) |                                   |      |         | 0.25               |                    |                    |  |
| Cooling function included                                      |                           |                                   |      |         | Yes                |                    |                    |  |
| Heating function included                                      |                           |                                   |      |         | Yes                |                    |                    |  |
| Average climate included                                       |                           |                                   |      |         | Yes                |                    |                    |  |
| Cold season included                                           |                           |                                   |      |         | No                 |                    |                    |  |
| Warm season included                                           |                           |                                   |      |         | Yes                |                    |                    |  |
| Ecolabel logo                                                  |                           |                                   |      |         | No                 |                    |                    |  |
| Eurovent                                                       | Sound power level outdoor | Cooling                           | Nom. | dBA     | 61                 |                    | 63                 |  |
|                                                                |                           | Cooling                           | Nom. | dBA     | 54                 |                    | 59                 |  |

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.

| Technical specifications                             |                           |         |  |        | FTXJ20AS + RXJ20M9 | FTXJ25AS + RXJ25M9 | FTXJ35AS + RXJ35M9 |
|------------------------------------------------------|---------------------------|---------|--|--------|--------------------|--------------------|--------------------|
| Indoor unit                                          |                           |         |  |        | FTXJ20A2V1BS       | FTXJ25A2V1BS       | FTXJ35A2V1BS       |
| Outdoor unit                                         |                           |         |  |        | RXJ20M5V1B9        | RXJ25M5V1B9        | RXJ35M5V1B9        |
| Cooling capacity                                     | Nom.                      |         |  | kW     | 2.30               | 2.40               | 3.50               |
| Cooling capacity - Low sound mode (Stb. 2020, 189)   | Min.                      |         |  | kcal/h |                    | -                  |                    |
|                                                      | Nom.                      |         |  | kW     | 2.30               | 2.40               | 3.50               |
|                                                      | Max.                      |         |  | kcal/h |                    | -                  |                    |
| Heating capacity                                     | Nom.                      |         |  | kW     | 2.50               | 3.20               | 4.00               |
| Heating capacity - Low sound mode (Stb. 2020, 189)   | Nom.                      |         |  | kW     | 2.50               | 3.20               | 4.00               |
| Power input                                          | Cooling                   | Nom.    |  | kW     | 0.50               | 0.51               | 0.86               |
|                                                      | Heating                   | Nom.    |  | kW     | 0.50               | 0.70               | 0.99               |
| Power input - Low sound mode (Stb. 2020, 189)        | Cooling                   | Nom.    |  | kW     | 0.50               | 0.51               | 0.86               |
|                                                      | Heating                   | Nom.    |  | kW     | 0.50               | 0.70               | 0.99               |
| Nominal efficiency                                   | EER                       |         |  |        | 4.64               | 4.73               | 4.09               |
|                                                      | COP                       |         |  |        | 5.00               | 4.57               | 4.04               |
|                                                      | Annual energy consumption |         |  |        | 248                | 254                | 428                |
|                                                      | Energy labeling Directive | Cooling |  |        |                    | A                  |                    |
|                                                      |                           | Heating |  |        |                    | A                  |                    |
| Nominal efficiency - Low sound mode (Stb. 2020, 189) | EER                       |         |  |        | 4.64               | 4.73               | 4.09               |
|                                                      | COP                       |         |  |        | 5.00               | 4.57               | 4.04               |
|                                                      | Annual energy consumption |         |  |        | 248                | 254                | 428                |

## 2 Specifications

### 2 - 1 Specifications

2

| Technical specifications                                          |                                                   |          |       | FTXJ20AS + RXJ20M9 |       | FTXJ25AS + RXJ25M9 |       | FTXJ35AS + RXJ35M9 |  |
|-------------------------------------------------------------------|---------------------------------------------------|----------|-------|--------------------|-------|--------------------|-------|--------------------|--|
| Space cooling                                                     | Energy efficiency class                           |          |       | A+++               |       |                    |       | A++                |  |
|                                                                   | Capacity                                          | Pdesign  | kW    | 2.30               |       | 2.40               |       | 3.50               |  |
|                                                                   | SEER                                              |          |       | 8.73               |       | 8.64               |       | 7.19               |  |
|                                                                   | Annual energy consumption                         |          |       | kWh/a              |       | 92                 |       | 97                 |  |
| Space cooling - Low sound mode (Stb. 2020, 189)                   | Capacity                                          | Pdesign  | kW    | 2.30               |       | 2.40               |       | 3.50               |  |
|                                                                   | SEER                                              |          |       | 8.73               |       | 8.64               |       | 7.19               |  |
|                                                                   | Annual energy consumption                         |          |       | kWh/a              |       | 92                 |       | 97                 |  |
| Space heating (Average climate)                                   | Capacity                                          | Pdesign  | kW    | 2.10               |       | 2.70               |       | 3.00               |  |
|                                                                   | Energy efficiency class                           |          |       | A++                |       |                    |       |                    |  |
|                                                                   | SCOP/A                                            |          |       | 4.61               |       | 4.60               |       |                    |  |
|                                                                   | SCOPnet/A                                         |          |       | 4.65               |       | 4.66               |       | 4.64               |  |
|                                                                   | PdH Heating capacity at -10°                      |          |       | kW                 |       | 1.80               |       | 2.18               |  |
|                                                                   | Annual energy consumption                         |          |       | kWh/a              |       | 638                |       | 822                |  |
|                                                                   | Required back up heating cap at design conditions |          |       | kW                 |       | 0.30               |       | 0.52               |  |
|                                                                   | SCOP/A                                            |          |       | 4.61               |       | 4.60               |       |                    |  |
|                                                                   | SCOPnet/A                                         |          |       | 4.65               |       | 4.66               |       | 4.64               |  |
| Space heating (Average climate) - Low sound mode (Stb. 2020, 189) | PdH Heating capacity at -10°                      |          |       | kW                 |       | 1.80               |       | 2.18               |  |
|                                                                   | Annual energy consumption                         |          |       | kWh/a              |       | 638                |       | 822                |  |
|                                                                   | Required back up heating cap at design conditions |          |       | kW                 |       | 0.30               |       | 0.52               |  |
|                                                                   | Capacity                                          | Pdesignh | kW    | 1.07               |       | 1.40               |       | 1.53               |  |
|                                                                   | Energy efficiency class                           |          |       | A++                |       |                    |       |                    |  |
| Space heating (Warm climate)                                      | SCOP                                              |          |       | 5.00               |       | 5.21               |       | 5.32               |  |
|                                                                   | SCOPnet                                           |          |       | 5.11               |       | 5.30               |       | 5.41               |  |
|                                                                   | Annual energy consumption                         |          |       | kWh/a              |       | 300                |       | 376                |  |
|                                                                   | Required back up heating cap at design conditions |          |       | kW                 |       | 0.00               |       |                    |  |
|                                                                   | Capacity                                          | Pdesign  | kW    | 1.07               |       | 1.40               |       | 1.53               |  |
|                                                                   | SCOP                                              |          |       | 5.00               |       | 5.21               |       | 5.32               |  |
|                                                                   | SCOPnet                                           |          |       | 5.11               |       | 5.30               |       | 5.41               |  |
| Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)    | Annual energy consumption                         |          |       | kWh/a              |       | 300                |       | 376                |  |
|                                                                   | Required back up heating cap at design conditions |          |       | kW                 |       | 0.00               |       |                    |  |
|                                                                   | Capacity                                          | Pdesign  | kW    | 1.07               |       | 1.40               |       | 1.53               |  |
|                                                                   | SCOP                                              |          |       | 5.00               |       | 5.21               |       | 5.32               |  |
|                                                                   | SCOPnet                                           |          |       | 5.11               |       | 5.30               |       | 5.41               |  |
|                                                                   | Annual energy consumption                         |          |       | kWh/a              |       | 300                |       | 376                |  |
| Space cooling                                                     | A Condition                                       | Pdc      | kW    | 2.30               |       | 2.40               |       | 3.50               |  |
|                                                                   | (35°C - 27/19)                                    | EERd     |       | 4.64               |       | 4.73               |       | 4.09               |  |
|                                                                   | Power input                                       |          | kW    | 0.50               |       | 0.51               |       | 0.86               |  |
|                                                                   | B Condition                                       | Pdc      | kW    | 1.62               |       | 1.70               |       | 2.53               |  |
|                                                                   | (30°C - 27/19)                                    | EERd     |       | 7.67               |       | 7.33               |       | 5.44               |  |
|                                                                   | Power input                                       |          | kW    | 0.21               |       | 0.23               |       | 0.47               |  |
|                                                                   | C Condition                                       | Pdc      | kW    | 1.27               |       |                    |       | 1.66               |  |
|                                                                   | (25°C - 27/19)                                    | EERd     |       | 10.69              |       | 10.55              |       | 7.88               |  |
|                                                                   | Power input                                       |          | kW    | 0.12               |       |                    |       | 0.21               |  |
|                                                                   | D Condition                                       | Pdc      | kW    | 1.36               |       | 1.37               |       | 1.46               |  |
| Space cooling - Low sound mode (Stb. 2020, 189)                   | (20°C - 27/19)                                    | EERd     |       | 14.25              |       | 14.16              |       | 13.76              |  |
|                                                                   | Power input                                       |          | kW    | 0.10               |       |                    |       | 0.11               |  |
|                                                                   | A Condition                                       | Pdc      | kW    | 2.30               |       | 2.40               |       | 3.50               |  |
|                                                                   | (35°C - 27/19)                                    | EERd     |       | 4.64               |       | 4.73               |       | 4.09               |  |
|                                                                   | Power input                                       |          | kW    | 0.50               |       | 0.51               |       | 0.86               |  |
|                                                                   | B Condition                                       | Pdc      | kW    | 1.62               |       | 1.70               |       | 2.53               |  |
|                                                                   | (30°C - 27/19)                                    | EERd     |       | 7.67               |       | 7.33               |       | 5.44               |  |
|                                                                   | Power input                                       |          | kW    | 0.21               |       | 0.23               |       | 0.47               |  |
|                                                                   | C Condition                                       | Pdc      | kW    | 1.27               |       |                    |       | 1.66               |  |
|                                                                   | (25°C - 27/19)                                    | EERd     |       | 10.69              |       | 10.55              |       | 7.88               |  |
| Power input                                                       |                                                   | kW       | 0.12  |                    |       |                    | 0.21  |                    |  |
| D Condition                                                       | Pdc                                               | kW       | 1.36  |                    | 1.37  |                    | 1.46  |                    |  |
| (20°C - 27/19)                                                    | EERd                                              |          | 14.25 |                    | 14.16 |                    | 13.76 |                    |  |
| Space cooling - Low sound mode (Stb. 2020, 189)                   | D Condition                                       | EERd     |       | 0.10               |       |                    |       | 0.11               |  |
| (20°C - 27/19)                                                    | Power input                                       | kW       |       |                    |       |                    |       |                    |  |

## 2 Specifications

### 2 - 1 Specifications

| Technical specifications                                          |                    |                                   |    | FTXJ20AS + RXJ20M9 | FTXJ25AS + RXJ25M9 | FTXJ35AS + RXJ35M9 |
|-------------------------------------------------------------------|--------------------|-----------------------------------|----|--------------------|--------------------|--------------------|
| Space heating (Average climate)                                   | TOL                | Tol (temperature operating limit) | °C |                    | -15                |                    |
|                                                                   |                    | Pdh (declared heating cap)        | kW | 1.68               | 1.95               | 2.56               |
|                                                                   |                    | COPd (declared COP)               |    | 2.69               | 2.47               | 2.41               |
|                                                                   |                    | Power input                       | kW | 0.62               | 0.79               | 1.06               |
|                                                                   | TBivalent          | Tbiv (bivalent temperature)       | °C |                    | -7                 |                    |
|                                                                   |                    | Pdh (declared heating cap)        | kW | 1.87               | 2.31               | 2.64               |
|                                                                   |                    | COPd (declared COP)               |    | 3.40               |                    | 3.10               |
|                                                                   |                    | Power input                       | kW | 0.55               | 0.75               | 0.85               |
|                                                                   | A Condition (-7°C) | Pdh (declared heating cap)        | kW | 1.87               | 2.31               | 2.64               |
|                                                                   |                    | COPd (declared COP)               |    | 3.40               |                    | 3.10               |
|                                                                   |                    | Power input                       | kW | 0.55               | 0.75               | 0.85               |
|                                                                   | B Condition (2°C)  | Pdh (declared heating cap)        | kW | 1.07               | 1.40               | 1.53               |
|                                                                   |                    | COPd (declared COP)               |    | 4.89               | 4.87               | 4.80               |
|                                                                   |                    | Power input                       | kW | 0.22               | 0.29               | 0.32               |
|                                                                   | C Condition (7°C)  | Pdh (declared heating cap)        | kW |                    | 1.00               | 1.07               |
|                                                                   |                    | COPd (declared COP)               |    |                    | 5.37               | 5.40               |
|                                                                   |                    | Power input                       | kW |                    | 0.19               | 0.20               |
|                                                                   | D Condition (12°C) | Pdh (declared heating cap)        | kW |                    | 0.96               | 0.99               |
|                                                                   |                    | COPd (declared COP)               |    |                    | 6.36               | 6.42               |
|                                                                   |                    | Power input                       | kW |                    | 0.15               |                    |
| Space heating (Average climate) - Low sound mode (Stb. 2020, 189) | TOL                | Tol (temperature operating limit) | °C |                    | -15                |                    |
|                                                                   |                    | Pdh (declared heating cap)        | kW | 1.68               | 1.95               | 2.56               |
|                                                                   |                    | COPd (declared COP)               |    | 2.69               | 2.47               | 2.41               |
|                                                                   |                    | Power input                       | kW | 0.62               | 0.79               | 1.06               |
|                                                                   | TBivalent          | Tbiv (bivalent temperature)       | °C |                    | -7                 |                    |
|                                                                   |                    | Pdh (declared heating cap)        | kW | 1.87               | 2.31               | 2.64               |
|                                                                   |                    | COPd (declared COP)               |    | 3.40               |                    | 3.10               |
|                                                                   |                    | Power input                       | kW | 0.55               | 0.75               | 0.85               |
|                                                                   | A Condition (-7°C) | Pdh (declared heating cap)        | kW | 1.87               | 2.31               | 2.64               |
|                                                                   |                    | COPd (declared COP)               |    | 3.40               |                    | 3.10               |
|                                                                   |                    | Power input                       | kW | 0.55               | 0.75               | 0.85               |
|                                                                   | B Condition (2°C)  | Pdh (declared heating cap)        | kW | 1.07               | 1.40               | 1.53               |
|                                                                   |                    | COPd (declared COP)               |    | 4.89               | 4.86               | 4.80               |
|                                                                   |                    | Power input                       | kW | 0.22               | 0.29               | 0.32               |
|                                                                   | C Condition (7°C)  | Pdh (declared heating cap)        | kW |                    | 1.00               | 1.07               |
|                                                                   |                    | COPd (declared COP)               |    |                    | 5.37               | 5.40               |
|                                                                   |                    | Power input                       | kW |                    | 0.19               | 0.20               |
|                                                                   | D Condition (12°C) | Pdh (declared heating cap)        | kW |                    | 0.96               | 0.99               |
|                                                                   |                    | COPd (declared COP)               |    |                    | 6.36               | 6.42               |
|                                                                   |                    | Power input                       | kW |                    | 0.15               |                    |
| Space heating (Average climate) - Low sound mode (Stb. 2020, 189) | C Condition (7°C)  | COPd (declared COP)               |    |                    | 5.37               | 5.40               |
|                                                                   |                    | Power input                       | kW |                    | 0.19               | 0.20               |
|                                                                   | D Condition (12°C) | Pdh (declared heating cap)        | kW |                    | 0.96               | 0.99               |
|                                                                   |                    | COPd (declared COP)               |    |                    | 6.36               | 6.42               |
|                                                                   |                    | Power input                       | kW |                    | 0.15               |                    |
| Space heating (Warm climate)                                      | TOL                | Tol (temperature operating limit) | °C |                    | -15                |                    |
|                                                                   |                    | Pdh (declared heating cap)        | kW | 1.68               | 1.95               | 2.56               |
|                                                                   |                    | COPd (declared COP)               |    | 2.69               | 2.47               | 2.41               |
|                                                                   |                    | Power input                       | kW | 0.62               | 0.79               | 1.06               |
|                                                                   | TBivalent          | Tbiv (bivalent temperature)       | °C |                    | 2                  |                    |
|                                                                   |                    | Pdh (declared heating cap)        | kW | 1.07               | 1.40               | 1.53               |
|                                                                   |                    | COPd (declared COP)               |    | 4.89               | 4.87               | 4.80               |
|                                                                   |                    | Power input                       | kW | 0.22               | 0.29               | 0.32               |
|                                                                   | B Condition (2°C)  | Pdh (declared heating cap)        | kW | 1.07               | 1.40               | 1.53               |
|                                                                   |                    | COPd (declared COP)               |    | 4.89               | 4.87               | 4.80               |
|                                                                   |                    | Power input                       | kW | 0.22               | 0.29               | 0.32               |
|                                                                   | C Condition (7°C)  | Pdh (declared heating cap)        | kW |                    | 1.00               | 1.07               |
|                                                                   |                    | COPd (declared COP)               |    |                    | 5.37               | 5.40               |
|                                                                   |                    | Power input                       | kW |                    | 0.19               | 0.20               |
|                                                                   | D Condition (12°C) | Pdh (declared heating cap)        | kW |                    | 0.96               | 0.99               |
|                                                                   |                    | COPd (declared COP)               |    |                    | 6.36               | 6.42               |
|                                                                   |                    | Power input                       | kW |                    | 0.15               |                    |

## 2 Specifications

### 2 - 1 Specifications

2

| Technical specifications                                       |                           |                                   |      |     | FTXJ20AS + RXJ20M9 | FTXJ25AS + RXJ25M9 | FTXJ35AS + RXJ35M9 |      |
|----------------------------------------------------------------|---------------------------|-----------------------------------|------|-----|--------------------|--------------------|--------------------|------|
| Space heating (Warm climate) - Low sound mode (Stb. 2020, 189) | TOL                       | Tol (temperature operating limit) |      |     | °C                 | -15                |                    |      |
|                                                                |                           | Pdh (declared heating cap)        |      |     | kW                 | 1.68               | 1.95               | 2.56 |
|                                                                |                           | COPd (declared COP)               |      |     |                    | 2.69               | 2.47               | 2.41 |
|                                                                |                           | Power input                       |      |     | kW                 | 0.62               | 0.79               | 1.06 |
|                                                                | TBivalent                 | Tbiv (bivalent temperature)       |      |     | °C                 | 2                  |                    |      |
|                                                                |                           | Pdh (declared heating cap)        |      |     | kW                 | 1.07               | 1.40               | 1.53 |
|                                                                |                           | COPd (declared COP)               |      |     |                    | 4.89               | 4.86               | 4.80 |
|                                                                |                           | Power input                       |      |     | kW                 | 0.22               | 0.29               | 0.32 |
|                                                                | B Condition (2°C)         | Pdh (declared heating cap)        |      |     | kW                 | 1.07               | 1.40               | 1.53 |
|                                                                |                           | COPd (declared COP)               |      |     |                    | 4.89               | 4.86               | 4.80 |
|                                                                |                           | Power input                       |      |     | kW                 | 0.22               | 0.29               | 0.32 |
|                                                                | C Condition (7°C)         | Pdh (declared heating cap)        |      |     | kW                 | 1.00               |                    | 1.07 |
|                                                                |                           | COPd (declared COP)               |      |     |                    | 5.37               |                    | 5.40 |
|                                                                |                           | Power input                       |      |     | kW                 | 0.19               |                    | 0.20 |
|                                                                | D Condition (12°C)        | Pdh (declared heating cap)        |      |     | kW                 | 0.96               |                    | 0.99 |
|                                                                |                           |                                   |      |     |                    |                    |                    |      |
| Space heating (Warm climate) - Low sound mode (Stb. 2020, 189) | D Condition (12°C)        | Power input                       |      |     | kW                 | 0.15               |                    |      |
|                                                                |                           | COPd (declared COP)               |      |     |                    | 6.36               | 6.42               |      |
| Power consumption in other than active mode                    | Crankcase heater mode     | PCK                               |      |     | W                  | 0.0                |                    |      |
|                                                                |                           |                                   |      |     |                    |                    |                    |      |
|                                                                | Off mode                  | POFF                              |      |     | W                  | 1.0                |                    |      |
|                                                                | Standby mode              | Cooling                           | PSB  |     |                    | W                  | 1.0                |      |
|                                                                |                           |                                   |      |     |                    |                    |                    |      |
| Thermo-stat-off mode                                           | PTO                       | Heating                           |      |     | W                  | 9.0                |                    |      |
| Cooling                                                        | Cdc (Degradation cooling) |                                   |      |     |                    | 0.25               |                    |      |
| Heating                                                        | Cdh (Degradation heating) |                                   |      |     |                    | 0.25               |                    |      |
| Cooling function included                                      |                           |                                   |      |     |                    | Yes                |                    |      |
| Heating function included                                      |                           |                                   |      |     |                    | Yes                |                    |      |
| Average climate included                                       |                           |                                   |      |     |                    | Yes                |                    |      |
| Cold season included                                           |                           |                                   |      |     |                    | No                 |                    |      |
| Warm season included                                           |                           |                                   |      |     |                    | Yes                |                    |      |
| Ecolabel logo                                                  |                           |                                   |      |     |                    | No                 |                    |      |
| Eurovent                                                       | Sound power level outdoor | Cooling                           | Nom. | dBA | 61                 |                    | 63                 |      |
|                                                                |                           |                                   |      |     |                    |                    |                    |      |
|                                                                | Sound power level indoor  | Cooling                           | Nom. | dBA | 54                 |                    | 59                 |      |

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.

| Technical specifications                             |                           |         |  |        | FTXJ20AW + RXJ20M9 | FTXJ25AW + RXJ25M9 | FTXJ35AW + RXJ35M9 |
|------------------------------------------------------|---------------------------|---------|--|--------|--------------------|--------------------|--------------------|
| Indoor unit                                          |                           |         |  |        | FTXJ20A2V1BW       | FTXJ25A2V1BW       | FTXJ35A2V1BW       |
| Outdoor unit                                         |                           |         |  |        | RXJ20M5V1B9        | RXJ25M5V1B9        | RXJ35M5V1B9        |
| Cooling capacity                                     | Nom.                      |         |  | kW     | 2.30               | 2.40               | 3.50               |
| Cooling capacity - Low sound mode (Stb. 2020, 189)   | Min.                      |         |  | kcal/h |                    | -                  |                    |
|                                                      | Nom.                      |         |  | kW     | 2.30               | 2.40               | 3.50               |
|                                                      | Max.                      |         |  | kcal/h |                    | -                  |                    |
| Heating capacity                                     | Nom.                      |         |  | kW     | 2.50               | 3.20               | 4.00               |
| Heating capacity - Low sound mode (Stb. 2020, 189)   | Nom.                      |         |  | kW     | 2.50               | 3.20               | 4.00               |
| Power input                                          | Cooling                   | Nom.    |  | kW     | 0.50               | 0.51               | 0.86               |
|                                                      | Heating                   | Nom.    |  | kW     | 0.50               | 0.70               | 0.99               |
| Power input - Low sound mode (Stb. 2020, 189)        | Cooling                   | Nom.    |  | kW     | 0.50               | 0.51               | 0.86               |
|                                                      | Heating                   | Nom.    |  | kW     | 0.50               | 0.70               | 0.99               |
| Nominal efficiency                                   | EER                       |         |  |        | 4.64               | 4.73               | 4.09               |
|                                                      | COP                       |         |  |        | 5.00               | 4.57               | 4.04               |
|                                                      | Annual energy consumption |         |  | kWh    | 248                | 254                | 428                |
|                                                      | Energy labeling Directive | Cooling |  |        |                    | A                  |                    |
|                                                      |                           | Heating |  |        |                    | A                  |                    |
| Nominal efficiency - Low sound mode (Stb. 2020, 189) | EER                       |         |  |        | 4.64               | 4.73               | 4.09               |
|                                                      | COP                       |         |  |        | 5.00               | 4.57               | 4.04               |
|                                                      | Annual energy consumption |         |  | kWh    | 248                | 254                | 428                |

## 2 Specifications

### 2 - 1 Specifications

| Technical specifications                                          |                                                                |             |       | FTXJ20AW + RXJ20M9 |         | FTXJ25AW + RXJ25M9 |      | FTXJ35AW + RXJ35M9 |      |
|-------------------------------------------------------------------|----------------------------------------------------------------|-------------|-------|--------------------|---------|--------------------|------|--------------------|------|
| Space cooling                                                     | Energy efficiency class                                        |             |       | A+++               |         |                    |      | A++                |      |
|                                                                   | Capacity                                                       | Pdesign     | kW    | 2.30               |         | 2.40               |      | 3.50               |      |
|                                                                   | SEER                                                           |             |       | 8.73               |         | 8.64               |      | 7.19               |      |
|                                                                   | Annual energy consumption                                      |             |       | kWh/a              |         | 92                 |      | 97                 |      |
| Space cooling - Low sound mode (Stb. 2020, 189)                   | Capacity                                                       | Pdesign     | kW    | 2.30               |         | 2.40               |      | 3.50               |      |
|                                                                   | SEER                                                           |             |       | 8.73               |         | 8.64               |      | 7.19               |      |
|                                                                   | Annual energy consumption                                      |             |       | kWh/a              |         | 92                 |      | 97                 |      |
|                                                                   | Capacity                                                       |             |       | Pdesign            |         | kW                 |      | 2.10               |      |
| Space heating (Average climate)                                   | Energy efficiency class                                        |             |       | A++                |         |                    |      |                    |      |
|                                                                   | SCOP/A                                                         |             |       | 4.61               |         | 4.60               |      |                    |      |
|                                                                   | SCOPnet/A                                                      |             |       | 4.65               |         | 4.66               |      | 4.64               |      |
|                                                                   | PdH Heating capacity at -10°                                   |             |       | kW                 |         | 1.80               |      | 2.18               |      |
|                                                                   | Annual energy consumption                                      |             |       | kWh/a              |         | 638                |      | 822                |      |
|                                                                   | Required back up heating cap at design conditions              |             |       | kW                 |         | 0.30               |      | 0.52               |      |
|                                                                   | Capacity                                                       |             |       | Pdesign            |         | kW                 |      | 2.10               |      |
|                                                                   | SCOP/A                                                         |             |       | 4.61               |         | 4.60               |      |                    |      |
|                                                                   | SCOPnet/A                                                      |             |       | 4.65               |         | 4.66               |      | 4.64               |      |
|                                                                   | PdH Heating capacity at -10°                                   |             |       | kW                 |         | 1.80               |      | 2.18               |      |
| Space heating (Average climate) - Low sound mode (Stb. 2020, 189) | Annual energy consumption                                      |             |       | kWh/a              |         | 638                |      | 822                |      |
|                                                                   | Required back up heating cap at design conditions              |             |       | kW                 |         | 0.30               |      | 0.52               |      |
|                                                                   | Capacity                                                       | Pdesignh    | kW    | 1.07               |         | 1.40               |      | 1.53               |      |
|                                                                   | Energy efficiency class                                        |             |       | A++                |         |                    |      |                    |      |
| Space heating (Warm climate)                                      | SCOP                                                           |             |       | 5.00               |         | 5.21               |      | 5.32               |      |
|                                                                   | SCOPnet                                                        |             |       | 5.11               |         | 5.30               |      | 5.41               |      |
|                                                                   | Annual energy consumption                                      |             |       | kWh/a              |         | 300                |      | 376                |      |
|                                                                   | Required back up heating cap at design conditions              |             |       | kW                 |         | 0.00               |      |                    |      |
|                                                                   | Capacity                                                       | Pdesign     | kW    | 1.07               |         | 1.40               |      | 1.53               |      |
|                                                                   | SCOP                                                           |             |       | 5.00               |         | 5.21               |      | 5.32               |      |
|                                                                   | SCOPnet                                                        |             |       | 5.11               |         | 5.30               |      | 5.41               |      |
|                                                                   | Annual energy consumption                                      |             |       | kWh/a              |         | 300                |      | 376                |      |
|                                                                   | Required back up heating cap at design conditions              |             |       | kW                 |         | 0.00               |      |                    |      |
|                                                                   | Space heating (Warm climate) - Low sound mode (Stb. 2020, 189) | Capacity    |       |                    | Pdesign |                    | kW   |                    | 1.07 |
| SCOP                                                              |                                                                |             | 5.00  |                    | 5.21    |                    | 5.32 |                    |      |
| SCOPnet                                                           |                                                                |             | 5.11  |                    | 5.30    |                    | 5.41 |                    |      |
| Annual energy consumption                                         |                                                                |             | kWh/a |                    | 300     |                    | 376  |                    |      |
| Space cooling                                                     | Required back up heating cap at design conditions              |             |       | kW                 |         | 0.00               |      |                    |      |
|                                                                   | A Condition                                                    | Pdc         | kW    | 2.30               |         | 2.40               |      | 3.50               |      |
|                                                                   | (35°C - 27/19)                                                 | EERd        |       | 4.64               |         | 4.73               |      | 4.09               |      |
|                                                                   | Power input                                                    |             |       | kW                 |         | 0.50               |      | 0.51               |      |
|                                                                   | B Condition                                                    | Pdc         | kW    | 1.62               |         | 1.70               |      | 2.53               |      |
|                                                                   | (30°C - 27/19)                                                 | EERd        |       | 7.67               |         | 7.33               |      | 5.44               |      |
|                                                                   | Power input                                                    |             |       | kW                 |         | 0.21               |      | 0.23               |      |
|                                                                   | C Condition                                                    | Pdc         | kW    |                    |         | 1.27               |      | 1.66               |      |
|                                                                   | (25°C - 27/19)                                                 | EERd        |       | 10.69              |         | 10.55              |      | 7.88               |      |
|                                                                   | Power input                                                    |             |       | kW                 |         | 0.12               |      | 0.21               |      |
| Space cooling - Low sound mode (Stb. 2020, 189)                   | D Condition                                                    | Pdc         | kW    | 1.36               |         | 1.37               |      | 1.46               |      |
|                                                                   | (20°C - 27/19)                                                 | EERd        |       | 14.25              |         | 14.16              |      | 13.76              |      |
|                                                                   | Power input                                                    |             |       | kW                 |         | 0.10               |      | 0.11               |      |
|                                                                   | A Condition                                                    | Pdc         | kW    | 2.30               |         | 2.40               |      | 3.50               |      |
|                                                                   | (35°C - 27/19)                                                 | EERd        |       | 4.64               |         | 4.73               |      | 4.09               |      |
|                                                                   | Power input                                                    |             |       | kW                 |         | 0.50               |      | 0.51               |      |
|                                                                   | B Condition                                                    | Pdc         | kW    | 1.62               |         | 1.70               |      | 2.53               |      |
|                                                                   | (30°C - 27/19)                                                 | EERd        |       | 7.67               |         | 7.33               |      | 5.44               |      |
|                                                                   | Power input                                                    |             |       | kW                 |         | 0.21               |      | 0.23               |      |
|                                                                   | C Condition                                                    | Pdc         | kW    |                    |         | 1.27               |      | 1.66               |      |
| Space cooling - Low sound mode (Stb. 2020, 189)                   | (25°C - 27/19)                                                 | EERd        |       | 10.69              |         | 10.55              |      | 7.88               |      |
|                                                                   | Power input                                                    |             |       | kW                 |         | 0.12               |      | 0.21               |      |
|                                                                   | D Condition                                                    | Pdc         | kW    | 1.36               |         | 1.37               |      | 1.46               |      |
|                                                                   | (20°C - 27/19)                                                 | EERd        |       | 14.25              |         | 14.16              |      | 13.76              |      |
|                                                                   | Power input                                                    |             |       | kW                 |         | 0.10               |      | 0.11               |      |
|                                                                   | D Condition                                                    | EERd        |       | 14.25              |         | 14.16              |      | 13.76              |      |
|                                                                   | (20°C - 27/19)                                                 | Power input | kW    |                    |         | 0.10               |      | 0.11               |      |

## 2 Specifications

### 2 - 1 Specifications

2

| Technical specifications                                          |                    |                                   | FTXJ20AW + RXJ20M9 | FTXJ25AW + RXJ25M9 | FTXJ35AW + RXJ35M9 |
|-------------------------------------------------------------------|--------------------|-----------------------------------|--------------------|--------------------|--------------------|
| Space heating (Average climate)                                   | TOL                | Tol (temperature operating limit) | °C                 | -15                |                    |
|                                                                   |                    | Pdh (declared heating cap)        | kW                 | 1.68               | 2.56               |
|                                                                   |                    | COPd (declared COP)               |                    | 2.47               | 2.41               |
|                                                                   |                    | Power input                       | kW                 | 0.79               | 1.06               |
|                                                                   | TBivalent          | Tbiv (bivalent temperature)       | °C                 | -7                 |                    |
|                                                                   |                    | Pdh (declared heating cap)        | kW                 | 1.87               | 2.64               |
|                                                                   |                    | COPd (declared COP)               |                    | 3.10               |                    |
|                                                                   |                    | Power input                       | kW                 | 0.75               | 0.85               |
|                                                                   | A Condition (-7°C) | Pdh (declared heating cap)        | kW                 | 2.31               | 2.64               |
|                                                                   |                    | COPd (declared COP)               |                    | 3.10               |                    |
|                                                                   |                    | Power input                       | kW                 | 0.75               | 0.85               |
|                                                                   | B Condition (2°C)  | Pdh (declared heating cap)        | kW                 | 1.40               | 1.53               |
|                                                                   |                    | COPd (declared COP)               |                    | 4.87               | 4.80               |
|                                                                   |                    | Power input                       | kW                 | 0.29               | 0.32               |
|                                                                   | C Condition (7°C)  | Pdh (declared heating cap)        | kW                 | 1.00               | 1.07               |
|                                                                   |                    | COPd (declared COP)               |                    | 5.37               | 5.40               |
|                                                                   |                    | Power input                       | kW                 | 0.19               | 0.20               |
|                                                                   | D Condition (12°C) | Pdh (declared heating cap)        | kW                 | 0.96               | 0.99               |
|                                                                   |                    | COPd (declared COP)               |                    | 6.36               | 6.42               |
|                                                                   |                    | Power input                       | kW                 | 0.15               |                    |
| Space heating (Average climate) - Low sound mode (Stb. 2020, 189) | TOL                | Tol (temperature operating limit) | °C                 | -15                |                    |
|                                                                   |                    | Pdh (declared heating cap)        | kW                 | 1.68               | 2.56               |
|                                                                   |                    | COPd (declared COP)               |                    | 2.47               | 2.41               |
|                                                                   |                    | Power input                       | kW                 | 0.79               | 1.06               |
|                                                                   | TBivalent          | Tbiv (bivalent temperature)       | °C                 | -7                 |                    |
|                                                                   |                    | Pdh (declared heating cap)        | kW                 | 1.87               | 2.64               |
|                                                                   |                    | COPd (declared COP)               |                    | 3.10               |                    |
|                                                                   |                    | Power input                       | kW                 | 0.75               | 0.85               |
|                                                                   | A Condition (-7°C) | Pdh (declared heating cap)        | kW                 | 2.31               | 2.64               |
|                                                                   |                    | COPd (declared COP)               |                    | 3.10               |                    |
|                                                                   |                    | Power input                       | kW                 | 0.75               | 0.85               |
|                                                                   | B Condition (2°C)  | Pdh (declared heating cap)        | kW                 | 1.40               | 1.53               |
|                                                                   |                    | COPd (declared COP)               |                    | 4.86               | 4.80               |
|                                                                   |                    | Power input                       | kW                 | 0.29               | 0.32               |
|                                                                   | C Condition (7°C)  | Pdh (declared heating cap)        | kW                 | 1.00               | 1.07               |
|                                                                   |                    | COPd (declared COP)               |                    | 5.37               | 5.40               |
|                                                                   |                    | Power input                       | kW                 | 0.19               | 0.20               |
| Space heating (Average climate) - Low sound mode (Stb. 2020, 189) | C Condition (7°C)  | Pdh (declared heating cap)        | kW                 | 0.96               | 0.99               |
|                                                                   |                    | COPd (declared COP)               |                    | 6.36               | 6.42               |
|                                                                   |                    | Power input                       | kW                 | 0.15               |                    |
|                                                                   |                    |                                   |                    |                    |                    |
| Space heating (Warm climate)                                      | TOL                | Tol (temperature operating limit) | °C                 | -15                |                    |
|                                                                   |                    | Pdh (declared heating cap)        | kW                 | 1.68               | 2.56               |
|                                                                   |                    | COPd (declared COP)               |                    | 2.47               | 2.41               |
|                                                                   |                    | Power input                       | kW                 | 0.79               | 1.06               |
|                                                                   | TBivalent          | Tbiv (bivalent temperature)       | °C                 | 2                  |                    |
|                                                                   |                    | Pdh (declared heating cap)        | kW                 | 1.40               | 1.53               |
|                                                                   |                    | COPd (declared COP)               |                    | 4.87               | 4.80               |
|                                                                   |                    | Power input                       | kW                 | 0.29               | 0.32               |
|                                                                   | B Condition (2°C)  | Pdh (declared heating cap)        | kW                 | 1.40               | 1.53               |
|                                                                   |                    | COPd (declared COP)               |                    | 4.87               | 4.80               |
|                                                                   |                    | Power input                       | kW                 | 0.29               | 0.32               |
|                                                                   | C Condition (7°C)  | Pdh (declared heating cap)        | kW                 | 1.00               | 1.07               |
|                                                                   |                    | COPd (declared COP)               |                    | 5.37               | 5.40               |
|                                                                   |                    | Power input                       | kW                 | 0.19               | 0.20               |
|                                                                   | D Condition (12°C) | Pdh (declared heating cap)        | kW                 | 0.96               | 0.99               |
|                                                                   |                    | COPd (declared COP)               |                    | 6.36               | 6.42               |
|                                                                   |                    | Power input                       | kW                 | 0.15               |                    |

## 2 Specifications

### 2 - 1 Specifications

| Technical specifications                                       |                           |                                   |         |     | FTXJ20AW + RXJ20M9 | FTXJ25AW + RXJ25M9 | FTXJ35AW + RXJ35M9 |      |
|----------------------------------------------------------------|---------------------------|-----------------------------------|---------|-----|--------------------|--------------------|--------------------|------|
| Space heating (Warm climate) - Low sound mode (Stb. 2020, 189) | TOL                       | Tol (temperature operating limit) |         |     | °C                 | -15                |                    |      |
|                                                                |                           | Pdh (declared heating cap)        |         |     | kW                 | 1.68               | 1.95               | 2.56 |
|                                                                |                           | COPd (declared COP)               |         |     |                    | 2.69               | 2.47               | 2.41 |
|                                                                |                           | Power input                       |         |     | kW                 | 0.62               | 0.79               | 1.06 |
|                                                                | TBivalent                 | Tbiv (bivalent temperature)       |         |     | °C                 | 2                  |                    |      |
|                                                                |                           | Pdh (declared heating cap)        |         |     | kW                 | 1.07               | 1.40               | 1.53 |
|                                                                |                           | COPd (declared COP)               |         |     |                    | 4.89               | 4.86               | 4.80 |
|                                                                |                           | Power input                       |         |     | kW                 | 0.22               | 0.29               | 0.32 |
|                                                                | B Condition (2°C)         | Pdh (declared heating cap)        |         |     | kW                 | 1.07               | 1.40               | 1.53 |
|                                                                |                           | COPd (declared COP)               |         |     |                    | 4.89               | 4.86               | 4.80 |
|                                                                |                           | Power input                       |         |     | kW                 | 0.22               | 0.29               | 0.32 |
|                                                                | C Condition (7°C)         | Pdh (declared heating cap)        |         |     | kW                 | 1.00               |                    | 1.07 |
|                                                                |                           | COPd (declared COP)               |         |     |                    | 5.37               |                    | 5.40 |
|                                                                |                           | Power input                       |         |     | kW                 | 0.19               |                    | 0.20 |
|                                                                | D Condition (12°C)        | Pdh (declared heating cap)        |         |     | kW                 | 0.96               |                    | 0.99 |
| Space heating (Warm climate) - Low sound mode (Stb. 2020, 189) | D Condition (12°C)        | Power input                       |         |     | kW                 | 0.15               |                    |      |
|                                                                |                           | COPd (declared COP)               |         |     |                    | 6.36               | 6.42               |      |
| Power consumption in other than active mode                    | Crankcase heater mode     | PCK                               |         |     | W                  | 0.0                |                    |      |
|                                                                | Off mode                  | POFF                              |         |     | W                  | 1.0                |                    |      |
|                                                                | Standby mode              | Cooling                           | PSB     |     | W                  | 1.0                |                    |      |
|                                                                | Thermo-stat-off mode      | PTO                               | Heating |     | W                  | 9.0                |                    |      |
| Cooling                                                        | Cdc (Degradation cooling) |                                   |         |     |                    | 0.25               |                    |      |
| Heating                                                        | Cdh (Degradation heating) |                                   |         |     |                    | 0.25               |                    |      |
| Cooling function included                                      |                           |                                   |         |     |                    | Yes                |                    |      |
| Heating function included                                      |                           |                                   |         |     |                    | Yes                |                    |      |
| Average climate included                                       |                           |                                   |         |     |                    | Yes                |                    |      |
| Cold season included                                           |                           |                                   |         |     |                    | No                 |                    |      |
| Warm season included                                           |                           |                                   |         |     |                    | Yes                |                    |      |
| Ecolabel logo                                                  |                           |                                   |         |     |                    | No                 |                    |      |
| Eurovent                                                       | Sound power level outdoor | Cooling                           | Nom.    | dBA | 61                 |                    | 63                 |      |
|                                                                | Sound power level indoor  | Cooling                           | Nom.    | dBA | 54                 |                    | 59                 |      |

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.

| Technical Specifications |             |          |          |                 | RXJ20M9     | RXJ25M9 | RXJ35M9 |
|--------------------------|-------------|----------|----------|-----------------|-------------|---------|---------|
| Casing                   | Colour      |          |          |                 | Ivory white |         |         |
| Dimensions               | Unit        | Height   | mm       |                 | 550         |         |         |
|                          |             | Width    | mm       |                 | 840         |         |         |
|                          |             | Depth    | mm       |                 | 350         |         |         |
|                          | Packed unit | Height   | mm       |                 | 612         |         |         |
|                          |             | Width    | mm       |                 | 906         |         |         |
|                          |             | Depth    | mm       |                 | 402         |         |         |
| Weight                   | Unit        | kg       |          | 32              |             |         |         |
|                          | Packed unit | kg       |          | 34              |             |         |         |
| Heat exchanger           | Length      |          | mm       |                 | 805         |         |         |
|                          | Rows        | Quantity |          | 2               |             |         |         |
|                          | Fin pitch   |          | mm       |                 | 1.40        |         |         |
|                          | Stages      | Quantity |          | 24              |             |         |         |
|                          | Passes      | Quantity |          | 3.0             |             |         |         |
|                          | Tube type   |          | ø7 Hi-XD |                 |             |         |         |
|                          | Fin         | Type     |          | Waffle fin (PE) |             |         |         |
|                          | Fan         | Type     |          | Propeller fan   |             |         |         |
| Air flow rate            |             | Cooling  | Nom.     | m³/min          | 34.0        |         | 36.0    |
|                          |             |          |          | cfm             | 1,201       |         | 1,271   |
|                          |             | Heating  | Nom.     | m³/min          | 28.3        |         |         |
|                          |             |          |          | cfm             | 999         |         |         |

## 2 Specifications

### 2 - 1 Specifications

2

| Technical Specifications                            |                               |                  |      |      | RXJ20M9                              | RXJ25M9 | RXJ35M9 |
|-----------------------------------------------------|-------------------------------|------------------|------|------|--------------------------------------|---------|---------|
| Fan motor                                           | Model                         |                  |      |      | DFC05A3VA                            |         |         |
|                                                     | Output                        |                  |      |      | W                                    |         |         |
|                                                     | Speed                         | Cooling          | High | rpm  | 920                                  |         |         |
|                                                     |                               |                  | Nom. | rpm  | 860                                  | 920     |         |
|                                                     |                               |                  | Low  | rpm  | 640                                  |         |         |
|                                                     |                               | Heating          | High | rpm  | 860                                  |         |         |
|                                                     |                               |                  | Nom. | rpm  | 800                                  |         |         |
|                                                     |                               |                  | Low  | rpm  | 380                                  |         |         |
| Compressor                                          | Model                         |                  |      |      | 1YC25GXD#D                           |         |         |
|                                                     | Type                          |                  |      |      | Hermetically sealed swing compressor |         |         |
|                                                     | Output                        |                  |      |      | W                                    |         |         |
| Operation range                                     | Cooling                       | Ambient          | Min. | °CDB | -10                                  |         |         |
|                                                     |                               |                  | Max. | °CDB | 46                                   |         |         |
|                                                     | Heating                       | Ambient          | Min. | °CDB | -15                                  |         |         |
|                                                     |                               |                  | Max. | °CDB | 24                                   |         |         |
| Sound power level                                   | Cooling                       | Max              | dBA  |      | 60                                   | 61      |         |
|                                                     |                               | Night quiet mode | dBA  |      | 56                                   |         |         |
|                                                     |                               | Tonal adjustment | dBA  |      | 0                                    |         |         |
|                                                     | Heating                       | Max              | dBA  |      | 60                                   | 61      |         |
|                                                     |                               | Nom.             | dBA  |      | 59.0                                 | 61.0    |         |
|                                                     |                               | Night quiet mode | dBA  |      | 56                                   |         |         |
|                                                     |                               | Tonal adjustment | dBA  |      | 0                                    |         |         |
| Sound power level - Low sound mode (Stb. 2020, 189) | Cooling                       | Max.             | dBA  |      | 59.0                                 | 60.0    |         |
|                                                     |                               | Night quiet mode | dBA  |      | 55.0                                 |         |         |
|                                                     |                               | Tonal adjustment | dBA  |      | 0                                    |         |         |
|                                                     | Heating                       | Max.             | dBA  |      | 59.0                                 | 60.0    |         |
|                                                     |                               | Night quiet mode | dBA  |      | 55.0                                 |         |         |
|                                                     |                               | Tonal adjustment | dBA  |      | 0                                    |         |         |
| Sound pressure level                                | Cooling                       | Nom.             | dBA  |      | 46.0                                 | 49.0    |         |
|                                                     | Heating                       | Nom.             | dBA  |      | 47.0                                 | 49.0    |         |
| Refrigerant                                         | Type                          |                  |      |      | R-32                                 |         |         |
|                                                     | Charge                        |                  |      |      | kg                                   |         |         |
|                                                     | Control                       |                  |      |      | Expansion valve                      |         |         |
|                                                     | GWP                           |                  |      |      | 675.0                                |         |         |
| Piping connections                                  | Liquid                        | OD               | mm   |      | 6.35                                 |         |         |
|                                                     | Gas                           | OD               | mm   |      | 9.50                                 |         |         |
|                                                     | Drain                         | OD               | mm   |      | 18                                   |         |         |
|                                                     | Piping length                 | OU - IU          | Max. | m    | 20                                   |         |         |
|                                                     | Additional refrigerant charge |                  |      |      | kg/m                                 |         |         |
|                                                     | Level difference              |                  |      |      | IU - OU                              |         |         |
|                                                     | Heat insulation               |                  |      |      | Max.                                 |         |         |
|                                                     | Heat insulation               |                  |      |      | Both liquid and gas pipes            |         |         |
| Capacity control                                    | Method                        |                  |      |      | Variable (inverter)                  |         |         |

Standard accessories: Drain plug;Quantity: 1;

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Refrigerant charge label;Quantity: 1;

Standard accessories: Multilingual fluorinated greenhouse gases labels;Quantity: 1;

Standard accessories: General safety precautions;Quantity: 1;

| Electrical Specifications |                            |          |  |  | RXJ20M9             | RXJ25M9 | RXJ35M9 |
|---------------------------|----------------------------|----------|--|--|---------------------|---------|---------|
| Power supply              | Phase                      |          |  |  | 1~                  |         |         |
|                           | Frequency                  |          |  |  | Hz                  |         |         |
|                           | Voltage                    |          |  |  | V                   |         |         |
| Wiring connections        | For power supply           | Quantity |  |  | 3                   |         |         |
|                           |                            | Remark   |  |  | Earth wire included |         |         |
|                           | For connection with indoor | Quantity |  |  | 4                   |         |         |
|                           |                            | Remark   |  |  | Earth wire included |         |         |

Contains fluorinated greenhouse gases |

See separate drawing for operation range |

See separate drawing for electrical data

# 3 Electrical data

## 3 - 1 Electrical Data

### RXJ20-35M9

| Unit combination restrictions |             | Power supply |     |                       |       |     | COMP |     | OFM   |      | IFM   |      |
|-------------------------------|-------------|--------------|-----|-----------------------|-------|-----|------|-----|-------|------|-------|------|
| Outdoor unit                  | Indoor unit | ①            | ②   | ③                     | MCA   | MFA | RHz  | RLA | kW    | FLA  | kW    | FLA  |
| FTXJ20MV1BW<br>FTXJ20MV1BS    | RXJ20M5V1B9 | 50           | 220 | Maximum ·50-Hz ·264-V | 9,88  | 10  | 40   | 2,4 | 0,023 | 0,11 | 0,029 | 0,15 |
|                               |             | 50           | 230 |                       |       |     |      | 2,3 |       |      |       |      |
|                               |             | 50           | 240 | Minimum ·50-Hz ·198-V |       |     |      | 2,2 |       |      |       |      |
| FTXJ25MV1BW<br>FTXJ25MV1BS    | RXJ25M5V1B9 | 50           | 220 | Maximum ·50-Hz ·264-V | 11,17 | 13  | 44   | 2,7 | 0,023 | 0,11 | 0,029 | 0,15 |
|                               |             | 50           | 230 |                       |       |     |      | 2,6 |       |      |       |      |
|                               |             | 50           | 240 | Minimum ·50-Hz ·198-V |       |     |      | 2,5 |       |      |       |      |
| FTXJ35MV1BW<br>FTXJ35MV1BS    | RXJ35M5V1B9 | 50           | 220 | Maximum ·50-Hz ·264-V | 12,29 | 13  | 67   | 4,3 | 0,023 | 0,11 | 0,029 | 0,15 |
|                               |             | 50           | 230 |                       |       |     |      | 4,1 |       |      |       |      |
|                               |             | 50           | 240 | Minimum ·50-Hz ·198-V |       |     |      | 4,0 |       |      |       |      |

#### Symbols

- ① Hz
- ② Voltage
- ③ Voltage range

- MCA Minimum Circuit Ampere [A]
- MFA Maximum Fuse Ampere [A]
- RLA Rated load amps [A]
- COMP Compressor
- OFM Outdoor fan motor
- IFM Indoor fan motor
- FLA Full Load Ampere [A]
- kW Fan motor rated output [kW]
- RHz Rated operating frequency [Hz]

#### Notes

- The ·RLA· is based on the following conditions.  
Indoor temperature ·27·°C DB / ·19·°C WB  
Outdoor temperature ·35·°C DB
- Select the wire size according to the MCA.
- The maximum allowable voltage that is unbalanced between phases is ·2·%.
- Use a circuit breaker instead of a fuse.

4D133685

## 4 Capacity tables

### 4 - 1 Cooling/Heating Capacity Tables

#### FTXJ20MW / RXJ20M9

#### FTXJ20MS / RXJ20M9

Cooling ·220-240V 50Hz·

|     |      |
|-----|------|
| AFR | 8,9  |
| BF  | 0,11 |

| 1  | 2  | 3    |      |      |      |      |      |      |      |      |      |      |      |             |             |             |      |      |      |
|----|----|------|------|------|------|------|------|------|------|------|------|------|------|-------------|-------------|-------------|------|------|------|
|    |    | 20   |      |      | 25   |      |      | 30   |      |      | 32   |      |      | 35          |             |             | 40   |      |      |
|    |    | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC          | SHC         | PI          | TC   | SHC  | PI   |
| 20 | 14 | 2,36 | 1,96 | 0,38 | 2,25 | 1,91 | 0,42 | 2,14 | 1,86 | 0,46 | 2,10 | 1,84 | 0,47 | 2,04        | 1,82        | 0,49        | 1,93 | 1,77 | 0,53 |
| 22 | 16 | 2,46 | 1,93 | 0,39 | 2,36 | 1,88 | 0,42 | 2,25 | 1,84 | 0,46 | 2,21 | 1,82 | 0,47 | 2,14        | 1,79        | 0,50        | 2,03 | 1,75 | 0,53 |
| 25 | 18 | 2,57 | 2,05 | 0,39 | 2,46 | 2,01 | 0,42 | 2,35 | 1,97 | 0,46 | 2,31 | 1,95 | 0,48 | 2,25        | 1,93        | 0,50        | 2,14 | 1,88 | 0,54 |
| 27 | 19 | 2,62 | 2,19 | 0,39 | 2,51 | 2,15 | 0,43 | 2,41 | 2,11 | 0,46 | 2,36 | 2,10 | 0,48 | <b>2,30</b> | <b>2,07</b> | <b>0,50</b> | 2,19 | 2,03 | 0,54 |
| 30 | 22 | 2,78 | 2,13 | 0,39 | 2,67 | 2,09 | 0,43 | 2,57 | 2,05 | 0,47 | 2,52 | 2,04 | 0,48 | <b>2,46</b> | <b>2,02</b> | <b>0,50</b> | 2,35 | 1,98 | 0,54 |
| 32 | 24 | 2,89 | 2,08 | 0,39 | 2,78 | 2,05 | 0,43 | 2,67 | 2,01 | 0,47 | 2,63 | 2,00 | 0,48 | 2,56        | 1,98        | 0,51        | 2,46 | 1,95 | 0,54 |

Heating ·220-240V 50Hz·

|     |      |
|-----|------|
| AFR | 10,2 |
|-----|------|

| 1  | 4    |      |      |      |      |      |             |             |      |      |
|----|------|------|------|------|------|------|-------------|-------------|------|------|
|    | -10  |      | -5   |      | 0    |      | 6           |             | 10   |      |
|    | TC   | PI   | TC   | PI   | TC   | PI   | TC          | PI          | TC   | PI   |
| 15 | 1,68 | 0,42 | 1,97 | 0,44 | 2,25 | 0,46 | 2,59        | 0,49        | 2,81 | 0,51 |
| 20 | 1,60 | 0,43 | 1,88 | 0,45 | 2,16 | 0,48 | <b>2,50</b> | <b>0,50</b> | 2,73 | 0,52 |
| 22 | 1,56 | 0,44 | 1,84 | 0,46 | 2,13 | 0,48 | 2,47        | 0,50        | 2,69 | 0,52 |
| 24 | 1,53 | 0,44 | 1,81 | 0,46 | 2,09 | 0,48 | 2,43        | 0,51        | 2,66 | 0,53 |
| 25 | 1,51 | 0,45 | 1,79 | 0,47 | 2,07 | 0,49 | 2,41        | 0,51        | 2,64 | 0,53 |
| 27 | 1,48 | 0,45 | 1,76 | 0,47 | 2,04 | 0,49 | 2,38        | 0,52        | 2,61 | 0,53 |

#### Symbols

- TC: Total capacity [kW]  
 PI: Power input [kW]  
 SHC: Sensible heat capacity [kW]  
 AFR: Air flow rate [m<sup>3</sup>/min]  
 BF: Bypass factor [°C WB]

- 1 Indoor air temperature [°C DB]  
 2 Indoor air temperature [°C WB]  
 3 Outdoor air temperature [°C DB]  
 4 Outdoor air temperature

#### Notes

- The capacities are based on the following conditions:  
 Corresponding refrigerant piping length: ·5.0· m  
 Level difference: ·0·m
- The bold cells indicate the standard conditions.  
 Rated operating frequency [Hz]

4D133686

## 4 Capacity tables

### 4 - 1 Cooling/Heating Capacity Tables

#### FTXJ25MW / RXJ25M9

#### FTXJ25MS / RXJ25M9

Cooling ·220-240V 50Hz·

|     |      |
|-----|------|
| AFR | 8,9  |
| BF  | 0,07 |

| 1  | 2  | 3    |      |      |      |      |      |      |      |      |      |      |      |             |             |             |      |      |      |
|----|----|------|------|------|------|------|------|------|------|------|------|------|------|-------------|-------------|-------------|------|------|------|
|    |    | 20   |      |      | 25   |      |      | 30   |      |      | 32   |      |      | 35          |             |             | 40   |      |      |
|    |    | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC          | SHC         | PI          | TC   | SHC  | PI   |
| 20 | 14 | 2,46 | 2,05 | 0,39 | 2,35 | 2,00 | 0,43 | 2,24 | 1,95 | 0,47 | 2,19 | 1,93 | 0,48 | 2,12        | 1,90        | 0,50        | 2,01 | 1,85 | 0,54 |
| 22 | 16 | 2,57 | 2,02 | 0,39 | 2,46 | 1,97 | 0,43 | 2,35 | 1,92 | 0,47 | 2,30 | 1,90 | 0,48 | 2,23        | 1,87        | 0,51        | 2,12 | 1,82 | 0,54 |
| 25 | 18 | 2,68 | 2,15 | 0,40 | 2,57 | 2,10 | 0,43 | 2,46 | 2,06 | 0,47 | 2,41 | 2,04 | 0,49 | 2,34        | 2,01        | 0,51        | 2,23 | 1,97 | 0,55 |
| 27 | 19 | 2,74 | 2,29 | 0,40 | 2,62 | 2,25 | 0,43 | 2,51 | 2,21 | 0,47 | 2,47 | 2,19 | 0,49 | <b>2,40</b> | <b>2,16</b> | <b>0,51</b> | 2,29 | 2,12 | 0,55 |
| 30 | 22 | 2,90 | 2,22 | 0,40 | 2,79 | 2,18 | 0,44 | 2,68 | 2,15 | 0,48 | 2,63 | 2,13 | 0,49 | 2,57        | 2,11        | 0,51        | 2,45 | 2,07 | 0,55 |
| 32 | 24 | 3,01 | 2,17 | 0,40 | 2,90 | 2,14 | 0,44 | 2,79 | 2,10 | 0,48 | 2,74 | 2,09 | 0,49 | 2,68        | 2,07        | 0,52        | 2,56 | 2,04 | 0,55 |

Heating ·220-240V 50Hz·

|     |    |
|-----|----|
| AFR | 11 |
|-----|----|

| 1  | 4    |      |      |      |      |      |             |             |      |      |
|----|------|------|------|------|------|------|-------------|-------------|------|------|
|    | -10  |      | -5   |      | 0    |      | 6           |             | 10   |      |
|    | TC   | PI   | TC   | PI   | TC   | PI   | TC          | PI          | TC   | PI   |
| 15 | 2,15 | 0,59 | 2,52 | 0,62 | 2,88 | 0,65 | 3,31        | 0,68        | 3,60 | 0,71 |
| 20 | 2,04 | 0,61 | 2,41 | 0,64 | 2,77 | 0,67 | <b>3,20</b> | <b>0,70</b> | 3,49 | 0,72 |
| 22 | 2,00 | 0,61 | 2,36 | 0,64 | 2,72 | 0,67 | 3,16        | 0,71        | 3,44 | 0,73 |
| 24 | 1,96 | 0,62 | 2,32 | 0,65 | 2,68 | 0,68 | 3,11        | 0,71        | 3,40 | 0,74 |
| 25 | 1,93 | 0,62 | 2,29 | 0,65 | 2,66 | 0,68 | 3,09        | 0,72        | 3,38 | 0,74 |
| 27 | 1,89 | 0,63 | 2,25 | 0,66 | 2,61 | 0,69 | 3,05        | 0,72        | 3,33 | 0,75 |

#### Symbols

- TC: Total capacity [kW]  
 PI: Power input [kW]  
 SHC: Sensible heat capacity [kW]  
 AFR: Air flow rate [m<sup>3</sup>/min]  
 BF: Bypass factor [°C WB]

- 1 Indoor air temperature [°C DB]  
 2 Indoor air temperature [°C WB]  
 3 Outdoor air temperature [°C DB]  
 4 Outdoor air temperature

#### Notes

- The capacities are based on the following conditions:  
 Corresponding refrigerant piping length: ·5.0· m  
 Level difference: ·0·m
- The bold cells indicate the standard conditions.  
 Rated operating frequency [Hz]

4D133690

## 4 Capacity tables

### 4 - 1 Cooling/Heating Capacity Tables

#### FTXJ35MW / RXJ35M9

#### FTXJ35MS / RXJ35M9

Cooling ·220-240V 50Hz·

|     |      |
|-----|------|
| AFR | 10,6 |
| BF  | 0,10 |

| 1  | 2  | 3    |      |      |      |      |      |      |      |      |      |      |      |             |             |             |      |      |      |
|----|----|------|------|------|------|------|------|------|------|------|------|------|------|-------------|-------------|-------------|------|------|------|
|    |    | 20   |      |      | 25   |      |      | 30   |      |      | 32   |      |      | 35          |             |             | 40   |      |      |
|    |    | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC          | SHC         | PI          | TC   | SHC  | PI   |
| 20 | 14 | 3,44 | 2,65 | 0,66 | 3,28 | 2,58 | 0,72 | 3,13 | 2,50 | 0,79 | 3,19 | 2,53 | 0,80 | 3,10        | 2,49        | 0,84        | 2,93 | 2,41 | 0,91 |
| 22 | 16 | 3,60 | 2,61 | 0,66 | 3,44 | 2,54 | 0,72 | 3,28 | 2,47 | 0,79 | 3,36 | 2,50 | 0,80 | 3,26        | 2,46        | 0,84        | 3,10 | 2,38 | 0,91 |
| 25 | 18 | 3,75 | 2,75 | 0,67 | 3,59 | 2,68 | 0,73 | 3,44 | 2,62 | 0,79 | 3,52 | 2,65 | 0,81 | 3,42        | 2,61        | 0,85        | 3,26 | 2,54 | 0,91 |
| 27 | 19 | 3,83 | 2,91 | 0,67 | 3,67 | 2,85 | 0,73 | 3,51 | 2,79 | 0,79 | 3,60 | 2,82 | 0,81 | <b>3,50</b> | <b>2,78</b> | <b>0,85</b> | 3,34 | 2,71 | 0,91 |
| 30 | 22 | 4,06 | 2,81 | 0,67 | 3,90 | 2,76 | 0,73 | 3,75 | 2,70 | 0,79 | 3,84 | 2,73 | 0,82 | 3,74        | 2,70        | 0,86        | 3,58 | 2,64 | 0,91 |
| 32 | 24 | 4,21 | 2,74 | 0,67 | 4,06 | 2,69 | 0,74 | 3,90 | 2,64 | 0,80 | 4,00 | 2,67 | 0,82 | 3,90        | 2,64        | 0,86        | 3,74 | 2,59 | 0,92 |

Heating ·220-240V 50Hz·

|     |      |
|-----|------|
| AFR | 11,9 |
|-----|------|

| 1  | 4    |      |      |      |      |      |             |             |      |      |
|----|------|------|------|------|------|------|-------------|-------------|------|------|
|    | -10  |      | -5   |      | 0    |      | 6           |             | 10   |      |
|    | TC   | PI   | TC   | PI   | TC   | PI   | TC          | PI          | TC   | PI   |
| 15 | 2,69 | 0,84 | 3,14 | 0,88 | 3,60 | 0,92 | 4,14        | 0,97        | 4,50 | 1,00 |
| 20 | 2,55 | 0,86 | 3,01 | 0,90 | 3,46 | 0,94 | <b>4,00</b> | <b>0,99</b> | 4,36 | 1,02 |
| 22 | 2,50 | 0,87 | 2,95 | 0,91 | 3,40 | 0,95 | 3,94        | 1,00        | 4,31 | 1,03 |
| 24 | 2,44 | 0,88 | 2,90 | 0,92 | 3,35 | 0,96 | 3,89        | 1,01        | 4,25 | 1,04 |
| 25 | 2,42 | 0,88 | 2,87 | 0,92 | 3,32 | 0,96 | 3,86        | 1,01        | 4,22 | 1,04 |
| 27 | 2,36 | 0,89 | 2,81 | 0,93 | 3,26 | 0,97 | 3,81        | 1,02        | 4,17 | 1,05 |

#### Symbols

TC: Total capacity [kW]

PI: Power input [kW]

SHC: Sensible heat capacity [kW]

AFR: Air flow rate [m<sup>3</sup>/min]

BF: Bypass factor [°C WB]

- Indoor air temperature [°C DB]
- Indoor air temperature [°C WB]
- Outdoor air temperature [°C DB]
- Outdoor air temperature

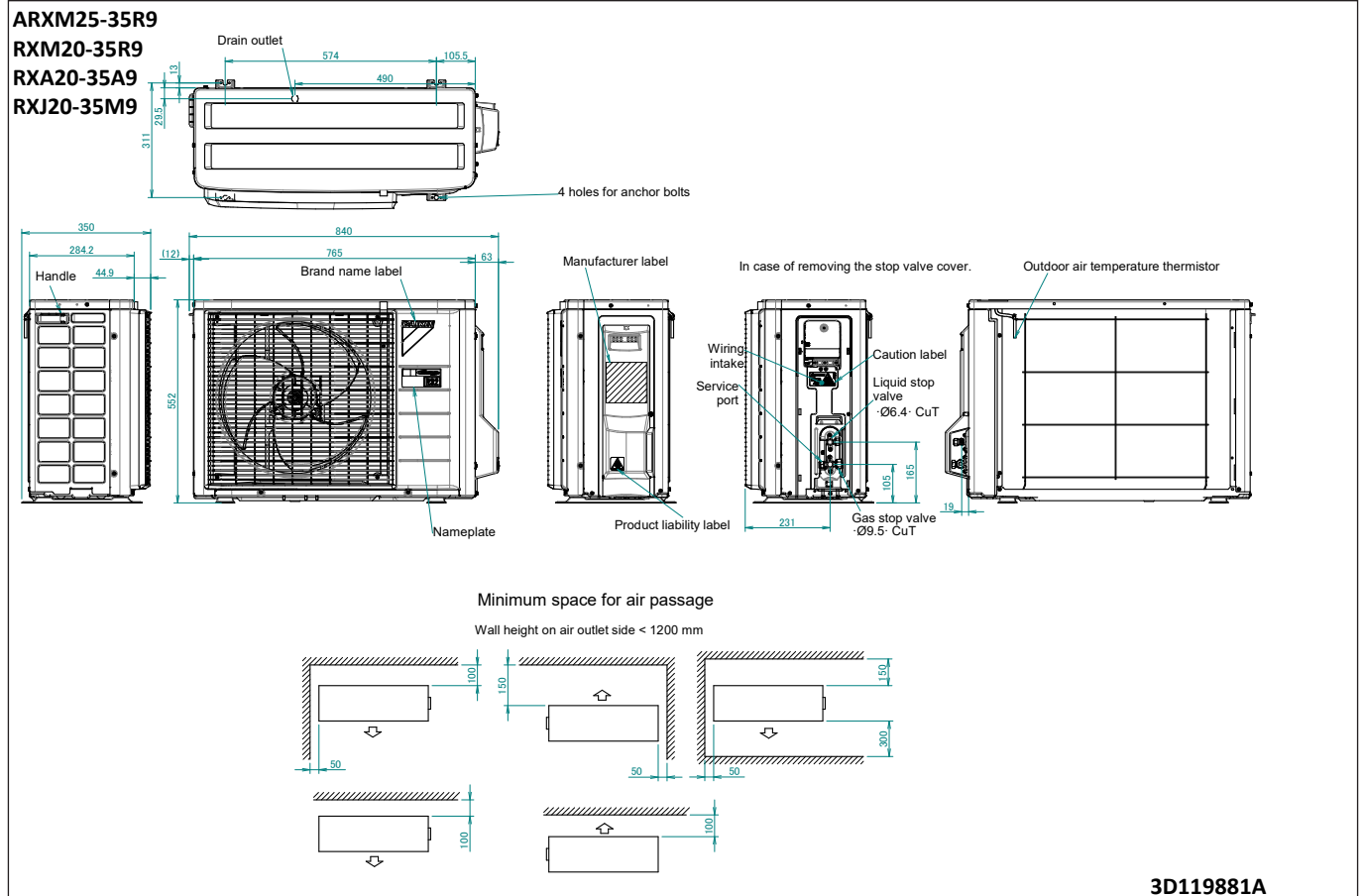
#### Notes

- The capacities are based on the following conditions:  
Corresponding refrigerant piping length: ·5.0· m  
Level difference: ·0·m
- The bold cells indicate the standard conditions.  
Rated operating frequency [Hz]

4D133688

# 5 Dimensional drawings

## 5 - 1 Dimensional Drawings



## 6 Centre of gravity

### 6 - 1 Centre of Gravity

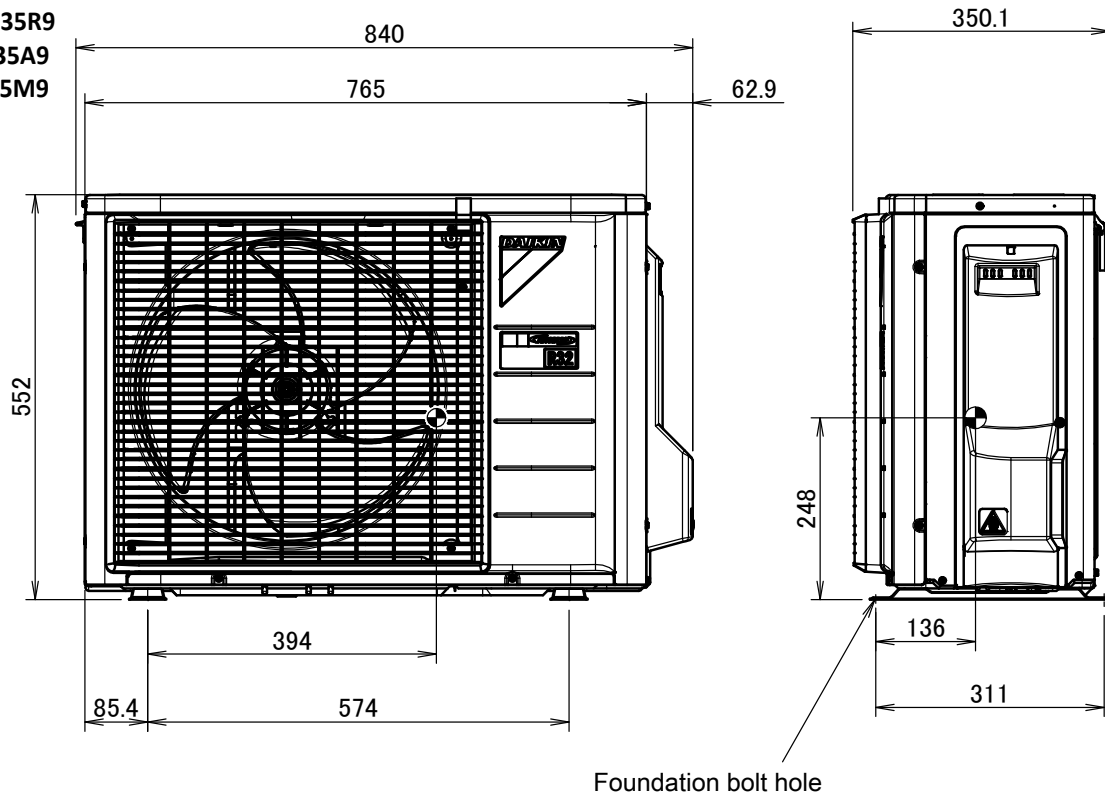
6

ARXM25-35R9

RXM20-35R9

RXA20-35A9

RXJ20-35M9



4D119880

# 7 Piping diagrams

## 7 - 1 Piping Diagrams

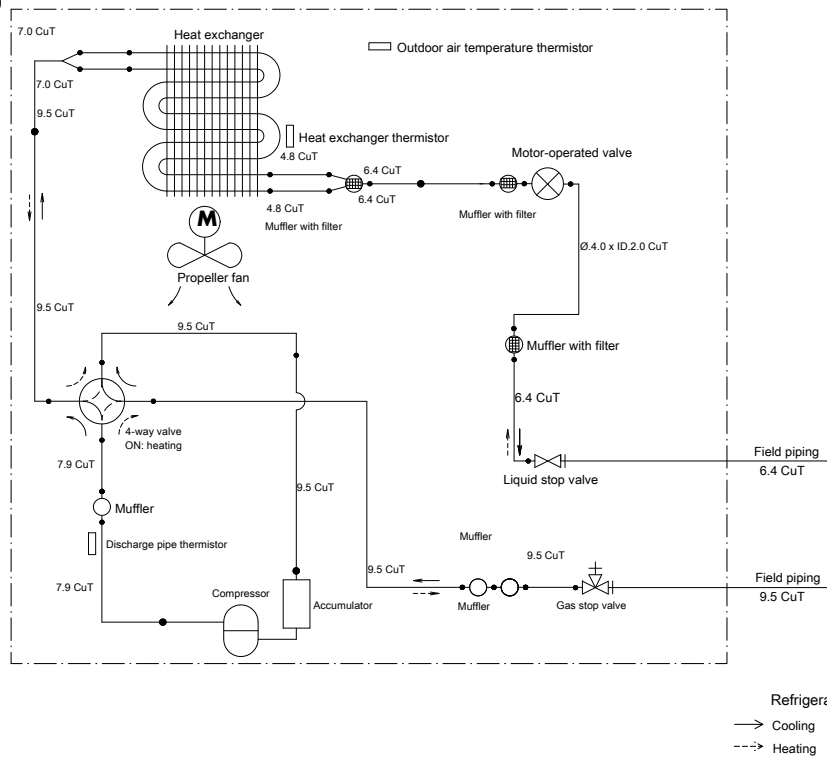
ARXM25-35R9

RXM20-35R9

RXA20-35A9

RXJ20-35M9

### Outdoor unit



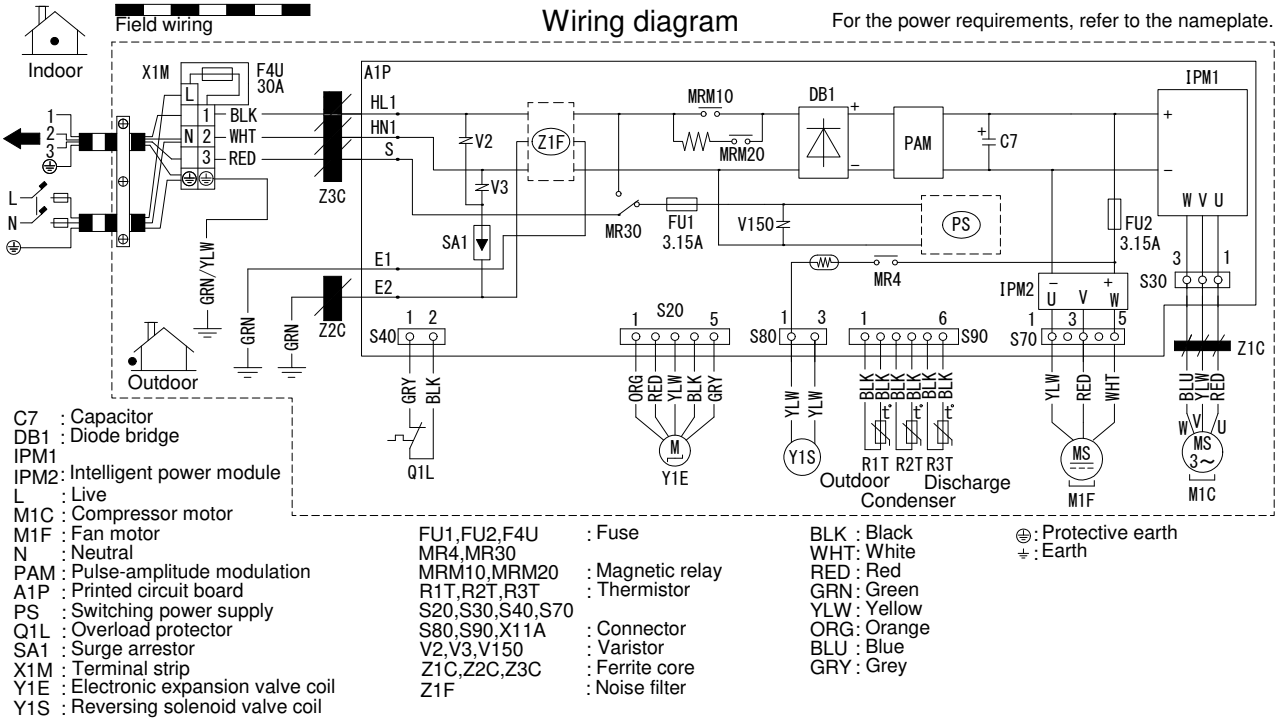
3D091995B

# 8 Wiring diagrams

## 8 - 1 Wiring Diagrams - Single Phase

8

RXA20-35A9  
RXJ20-35M9



### Notes

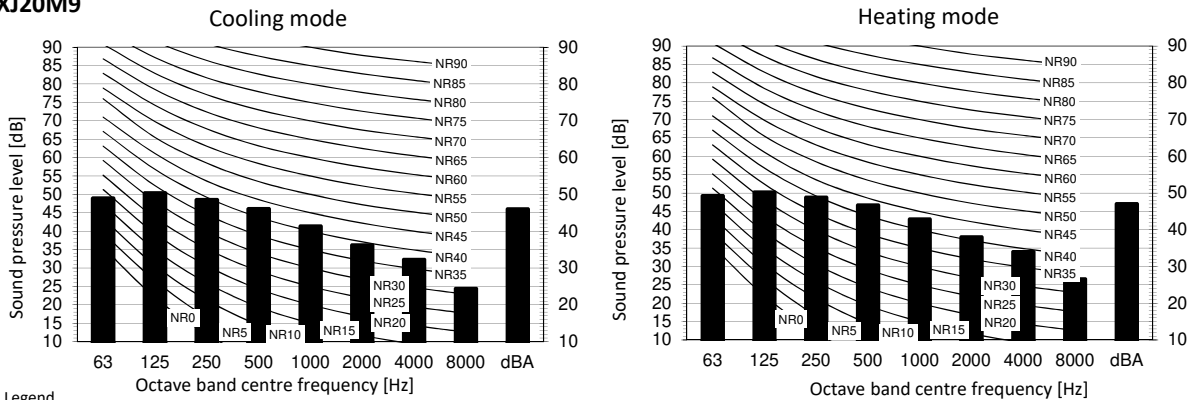
- Size: 140 x 80
- Refer to purchasing specification AS303002, unless otherwise specified.

4D122750

# 9 Sound data

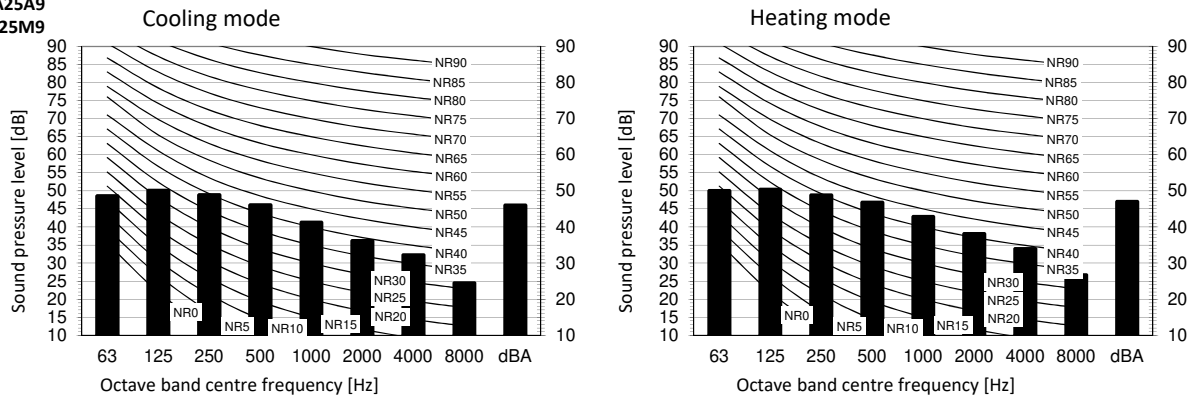
## 9 - 1 Sound Pressure Spectrum

RXM20R9  
RXA20A9  
RXJ20M9



3D110121A

ARXM25R9  
RXM25R9  
RXA25A9  
RXJ25M9



3D110122A

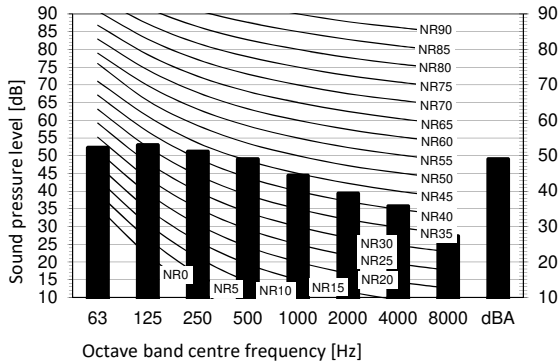
# 9 Sound data

## 9 - 1 Sound Pressure Spectrum

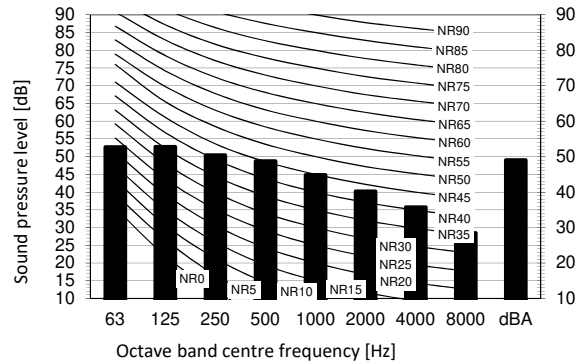
9

ARXM35R9  
RXM35R9  
RXA35A9  
RXJ35M9

Cooling mode



Heating mode



### Legend

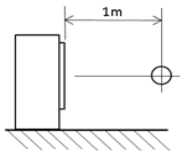
dBA = A-weighted sound pressure level (A scale according to IEC).

- A Scale  
B Fan speed: High

### Notes

- 1 Background noise already taken into account.
- 2 Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- 3 Operating noise varies depending on operation and ambient conditions.
- 4 The operation noise measuring method is in accordance with JISC9612.
- 5 Measuring location: anechoic chamber

### Location of microphone



Cooling

Total dB

| A   | B  |
|-----|----|
| dBA | 49 |

Heating

Total dB

| A   | B  |
|-----|----|
| dBA | 49 |

3D110123A

# 10 Installation

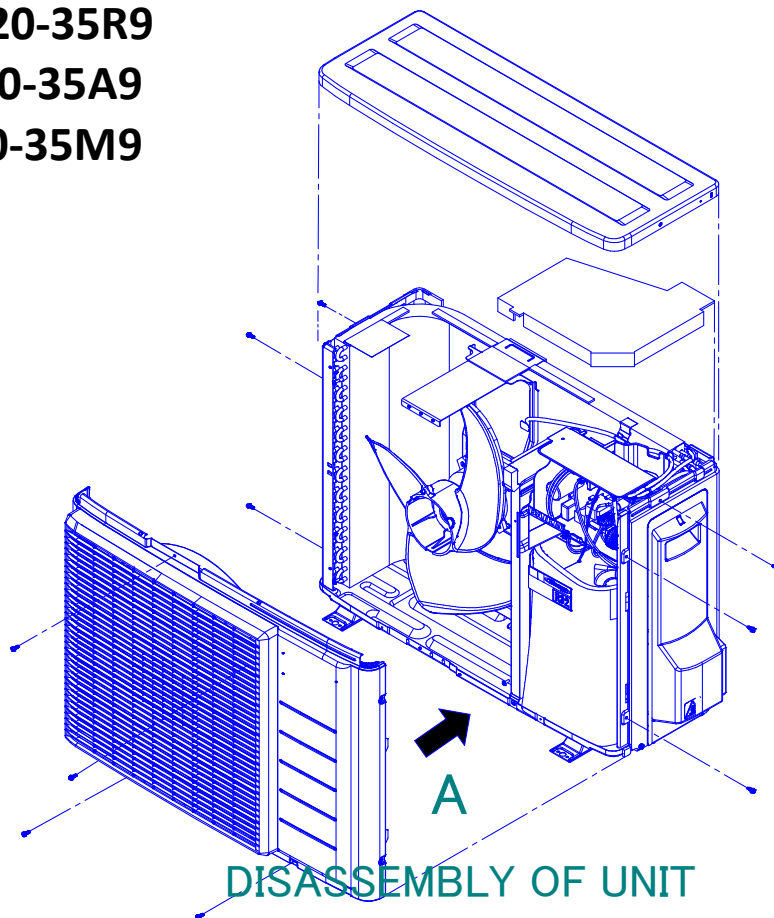
## 10 - 1 Installation Method

ARXM25-35R9

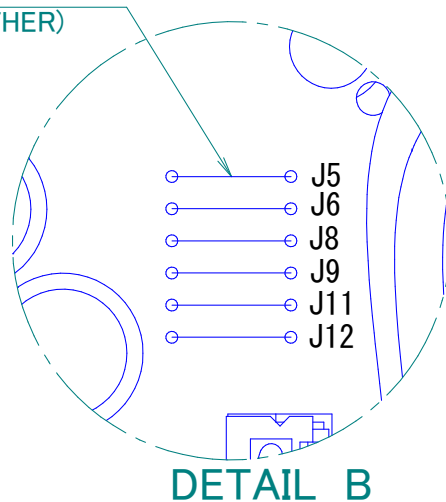
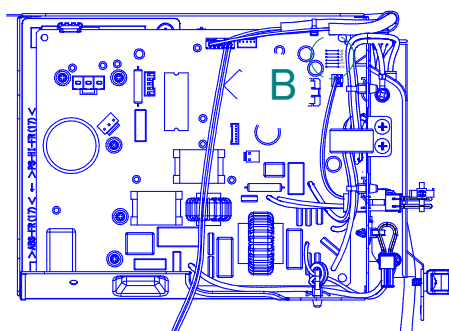
RXM20-35R9

RXA20-35A9

RXJ20-35M9



CUT JUMPER J5 WITH PLIERS  
(CUT PARTS SHALL NOT TOUCH EACH OTHER)  
(DO NOT DAMAGE OTHER JUMPERS)



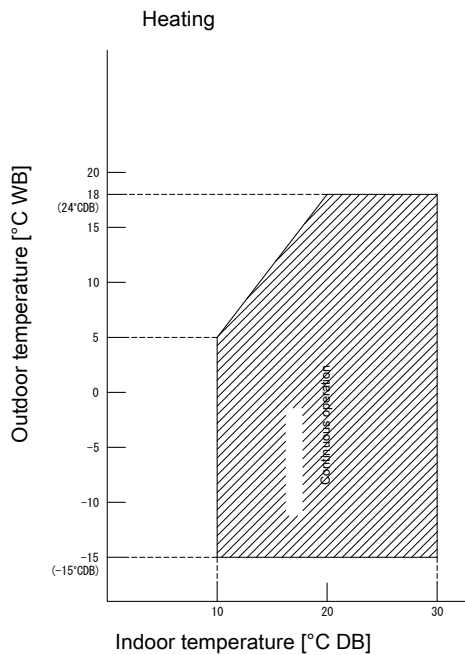
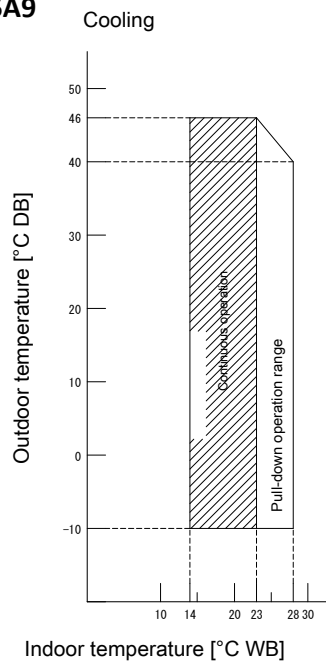
4D133752

# 11 Operation range

## 11 - 1 Operation Range

11

**RXJ20-35M9**  
**RXA20-35A9**

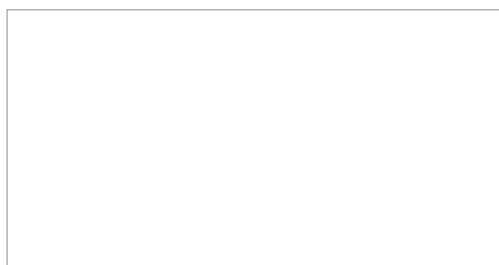


**Notes**

- The graph is based on the following conditions.  
Corresponding refrigerant piping length: 5 m  
Level difference: 0m  
Air flow rate                      High

**3D092127E**

**Daikin Europe N.V.** Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · [www.daikin.eu](http://www.daikin.eu) · BE 0412 120 336 · RPR Oostende (Responsible Editor)



EEDEN23

02/2023



Daikin Europe N.V. participates in the ECP programmes for Fan Coil Units and Variable Refrigerant Flow systems. Daikin Applied Europe S.p.A. participates in the ECP programmes for Liquid Chilling Packages and Hydronic Heat Pumps. Check ongoing validity of certificate: [www.eurovent-certification.com](http://www.eurovent-certification.com)

The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.

## Техника для климата

Доставляем оборудование по всей России от 3 дней транспортными компаниями. Реализуем проекты в десятках регионов — от Калининграда до Владивостока.

**9600+**

объектов и поставок

**от 1 дня**

отгрузки в транспортную компанию

### Технические данные файла

Документ: Технические характеристики Daikin 4MXM68A/FTXJ35AW+FTXJ20AWx3 — FTXJ35AW/RXJ35A

Идентификатор библиотеки: LIB-001927

Исходный файл: daikin-4mxm68a-ftxj35aw-ftxj20awx3-ftxj35aw-rxj35a-tehnicheskie-harakteristiki.pdf

SHA-256 оригинала: fb23915218432afcc256bdbbc769ef86c0a11a9952f3b4450ca7e1742f3a455a

Постоянная ссылка:

<https://iclim.ru/library/daikin-4mxm68a-ftxj35aw-ftxj20awx3-ftxj35aw-rxj35a-tehnicheskie-harakteristiki.pdf>

Копия сформирована: 02.10.2026 11:14 UTC