

# Air Conditioning Technical Data RXP-N





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## RXP-N

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# 1 Features

## 1 - 1 RXP-N

- › Outdoor units are fitted with a swing compressor, renowned for its low noise and 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 for pair application

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## 2 Specifications

### 2 - 1 Specifications

| Technical specifications                           |                                                   |             | FTXP20N + RXP20N | FTXP25N + RXP25N | FTXP35N + RXP35N | FTXP50N + RXP50N | FTXP60N + RXP60N | FTXP71N + RXP71N |
|----------------------------------------------------|---------------------------------------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Indoor unit                                        |                                                   |             | FTXP20N5V1B      | FTXP25N5V1B      | FTXP35N5V1B      | FTXP50N2V1B      | FTXP60N2V1B      | FTXP71N2V1B      |
| Outdoor unit                                       |                                                   |             | RXP20N5V1B       | RXP25N5V1B       | RXP35N5V1B       | RXP50N5V1B       | RXP60N5V1B       | RXP71N5V1B       |
| Cooling capacity                                   | Min.                                              | kW          | 1.3              |                  |                  | 1.7              |                  | 2.3              |
|                                                    | Min.                                              | Btu/h       | 4,435.8          |                  |                  | 5,800            |                  | 7,848            |
|                                                    | Min.                                              | kcal/h      | 1,117.8          |                  |                  | 1,460            |                  | 1,976            |
|                                                    | Nom.                                              | kW          | 2.00             | 2.50             | 3.50             | 5.0              | 6.0              | 7.1              |
|                                                    | Nom.                                              | Btu/h       | 6,824.3          | 8,530.4          | 11,943           | 17,060           | 20,472           | 24,225           |
|                                                    | Nom.                                              | kcal/h      | 1,719.7          | 2,149.6          | 3,009.5          | 4,295            | 5,154            | 6,099            |
|                                                    | Max.                                              | kW          | 2.6              | 3.0              | 4.0              | 6.0              | 7.0              | 7.3              |
|                                                    | Max.                                              | Btu/h       | 8,871.6          | 10,236.4         | 13,648.6         | 20,472           | 23,884           | 24,908           |
|                                                    | Max.                                              | kcal/h      | 2,235.6          | 2,579.5          | 3,439.4          | 5,154            | 6,013            | 6,271            |
|                                                    | Min.                                              | kcal/h      | -                |                  |                  |                  |                  |                  |
| Cooling capacity - Low sound mode (Stb. 2020, 189) |                                                   |             | -                |                  |                  |                  |                  |                  |
| Heating capacity                                   | Min.                                              | kW          | 1.30             |                  |                  | 1.7              |                  | 2.3              |
|                                                    | Min.                                              | Btu/h       | 4,435.8          |                  |                  | 5,800            |                  | 7,848            |
|                                                    | Min.                                              | kcal/h      | 1,117.8          |                  |                  | 1,460            |                  | 1,976            |
|                                                    | Nom.                                              | kW          | 2.50             | 3.00             | 4.00             | 6.0              | 7.0              | 8.2              |
|                                                    | Nom.                                              | Btu/h       | 8,530.4          | 10,236           | 13,649           | 20,472           | 23,884           | 27,978           |
|                                                    | Nom.                                              | kcal/h      | 2,149.6          | 2,579.5          | 3,439.4          | 5,154            | 6,013            | 7,044            |
|                                                    | Max.                                              | kW          | 3.50             | 4.00             | 4.80             | 7.7              | 8.0              | 9.0              |
|                                                    | Max.                                              | Btu/h       | 11,942.5         | 13,648.6         | 16,378.3         | 26,272           | 27,296           | 30,708           |
|                                                    | Max.                                              | kcal/h      | 3,009.5          | 3,439.4          | 4,127.3          | 6,614            | 6,872            | 7,731            |
|                                                    | Min.                                              | kW          | 0.31             |                  |                  | 0.320            | 0.332            | 0.449            |
| Power input                                        | Cooling                                           | Nom.        | 0.530            | 0.660            | 1.07             | 1.385            | 1.824            | 2.689            |
|                                                    |                                                   | Max.        | 0.72             |                  |                  | 1.826            | 2.980            | 3.274            |
|                                                    |                                                   | Max.        | 0.72             |                  |                  | 1.826            | 2.980            | 3.274            |
|                                                    | Heating                                           | Min.        | 0.25             |                  |                  | 0.440            | 0.456            | 0.617            |
|                                                    |                                                   | Nom.        | 0.520            | 0.690            | 0.990            | 1.579            | 1.928            | 2.571            |
|                                                    |                                                   | Max.        | 0.95             |                  |                  | 2.356            | 2.787            | 3.306            |
| Nominal efficiency                                 | EER                                               |             | 3.75             |                  |                  | 3.26             | 3.61             | 2.64             |
|                                                    | COP                                               |             | 4.77             | 4.36             | 4.02             | 3.80             | 3.63             | 3.19             |
|                                                    | Annual energy consumption                         |             | -                |                  |                  | 693              | 912              | 1,345            |
|                                                    | Energy labeling                                   | Cooling     | A                |                  |                  |                  |                  | D                |
|                                                    |                                                   | Heating     | A                |                  |                  |                  |                  | D                |
|                                                    | Directive                                         |             | A                |                  |                  |                  |                  | D                |
| Space cooling                                      | Energy efficiency class                           |             | A++              |                  |                  |                  |                  |                  |
|                                                    | Capacity                                          | Pdesign     | 2.00             | 2.50             | 3.50             | 5.0              | 6.0              | 7.1              |
|                                                    | SEER                                              |             | 7.20             |                  |                  | 7.30             | 6.82             | 6.20             |
| Space cooling                                      | Annual energy consumption                         |             | 97               | 121              | 170              | 240              | 308              | 401              |
| Space heating                                      | Capacity                                          | Pdesign     | 2.20             | 2.40             | 2.80             | 4.60             | 4.80             | 6.20             |
| (Average climate)                                  | Energy efficiency class                           |             | A++              |                  |                  | A+               |                  |                  |
|                                                    | SCOP/A                                            |             | 4.65             | 4.61             | 4.64             | 4.40             | 4.10             | 4.01             |
|                                                    | SCOPnet/A                                         |             | 4.68             | 4.66             | 4.68             | 4.47             | 4.16             | 4.06             |
|                                                    | Pdh Heating capacity at -10°                      |             | 1.99             | 2.09             | 2.35             | 3.15             | 3.29             | 4.24             |
|                                                    | Annual energy consumption                         |             | 663              | 728              | 845              | 1,463            | 1,638            | 2,166            |
|                                                    | Required back up heating cap at design conditions |             | 0.210            | 0.310            | 0.450            | 1.05             | 1.51             | 1.96             |
|                                                    | Capacity                                          | Pdesignh    | 1.18             | 1.29             | 1.51             | 2.48             | 2.58             | 3.34             |
|                                                    | Energy efficiency class                           |             | A+++             |                  |                  |                  |                  |                  |
| Space heating (Warm climate)                       | SCOP                                              |             | 5.44             | 5.55             | 5.76             | 5.72             | 5.21             | 5.58             |
|                                                    | SCOPnet                                           |             | 5.61             | 5.71             | 5.91             | 5.80             | 5.28             | 5.65             |
|                                                    | Annual energy consumption                         |             | 303              | 325              | 367              | 607              | 693              | 838              |
|                                                    | Required back up heating cap at design conditions |             | 0.00             |                  |                  |                  |                  |                  |
|                                                    | A Condi-                                          | Pdc         | 2.00             | 2.50             | 3.50             | 5.00             | 6.00             | 7.10             |
|                                                    | tion (35°C                                        | EERd        | 3.75             |                  |                  | 3.61             | 3.29             | 2.64             |
|                                                    | - 27/19)                                          | Power input | 0.530            | 0.660            | 1.07             | 1.39             | 1.82             | 2.69             |
|                                                    | B Condi-                                          | Pdc         | 1.47             | 1.84             | 2.58             | 3.68             | 4.42             | 5.23             |
| Space cooling                                      | tion (30°C                                        | EERd        | 5.95             | 5.43             | 5.28             | 5.08             | 4.82             | 4.16             |
|                                                    | - 27/19)                                          | Power input | 0.250            | 0.340            | 0.490            | 0.73             | 0.92             | 1.26             |
|                                                    | C Condi-                                          | Pdc         | 1.23             |                  |                  | 2.37             | 2.84             | 3.36             |
|                                                    | tion (25°C                                        | EERd        | 9.50             | 9.26             | 9.29             | 8.90             | 7.99             | 8.50             |
|                                                    | - 27/19)                                          | Power input | 0.130            |                  |                  | 0.27             | 0.36             | 0.40             |
|                                                    | D Condi-                                          | Pdc         | 1.30             |                  |                  | 2.12             | 2.39             | 2.60             |
|                                                    | tion (20°C                                        | EERd        | 12.1             |                  |                  | 13.9             | 13.5             | 10.4             |
|                                                    | - 27/19)                                          | Power input | 0.110            |                  |                  | 0.15             | 0.18             | 0.25             |

## 2 Specifications

### 2 - 1 Specifications

| Technical specifications                            |                                   |                                      |                                      |                 | FTXP20N + RXP20N | FTXP25N + RXP25N | FTXP35N + RXP35N | FTXP50N + RXP50N | FTXP60N + RXP60N | FTXP71N + RXP71N |
|-----------------------------------------------------|-----------------------------------|--------------------------------------|--------------------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Space heating<br>(Average climate)                  | TOL                               | Tol (temperature operating limit) °C |                                      |                 | -15              |                  |                  |                  |                  |                  |
|                                                     |                                   | Pdh (declared heating cap) kW        |                                      |                 | 2.05             |                  | 2.14             | 3.15             | 3.29             | 4.24             |
|                                                     |                                   | COPd (declared COP)                  |                                      |                 | 2.00             |                  | 2.20             | 2.39             | 1.95             | 1.96             |
|                                                     |                                   | Power input kW                       |                                      |                 | 1.03             |                  | 0.970            | 1.32             | 1.69             | 2.16             |
|                                                     | TBivalent                         | Tbiv (bivalent temperature) °C       |                                      |                 | -7.0             |                  |                  |                  |                  |                  |
|                                                     |                                   | Pdh (declared heating cap) kW        |                                      |                 | 1.95             | 2.12             | 2.48             | 4.07             | 4.25             | 5.48             |
|                                                     |                                   | COPd (declared COP)                  |                                      |                 | 3.30             | 3.22             | 3.23             | 2.76             | 2.25             | 2.26             |
|                                                     |                                   | Power input kW                       |                                      |                 | 0.590            | 0.660            | 0.770            | 1.47             | 1.89             | 2.42             |
|                                                     | A Con-<br>dition<br>(-7°C)        | Pdh (declared heating cap) kW        |                                      |                 | 1.95             | 2.12             | 2.48             | 4.07             | 4.25             | 5.48             |
|                                                     |                                   | COPd (declared COP)                  |                                      |                 | 3.30             | 3.22             | 3.23             | 2.76             | 2.25             | 2.26             |
| Space heating<br>(Average climate)                  | B Condi-<br>tion (2°C)            | Pdh (declared heating cap) kW        |                                      |                 | 1.18             | 1.29             | 1.51             | 2.48             | 2.58             | 3.34             |
|                                                     |                                   | COPd (declared COP)                  |                                      |                 | 4.74             | 4.63             | 4.58             | 4.46             | 4.39             | 4.05             |
|                                                     |                                   | Power input kW                       |                                      |                 | 0.250            | 0.280            | 0.330            | 0.56             | 0.59             | 0.83             |
|                                                     | C Condi-<br>tion (7°C)            | Pdh (declared heating cap) kW        |                                      |                 | 0.910            |                  | 1.05             | 1.59             | 1.66             | 2.15             |
|                                                     |                                   | COPd (declared COP)                  |                                      |                 | 5.65             | 5.63             | 5.79             | 5.69             | 5.29             | 5.50             |
|                                                     |                                   | Power input kW                       |                                      |                 | 0.160            |                  | 0.180            | 0.28             | 0.31             | 0.39             |
|                                                     | D Con-<br>dition<br>(12°C)        | Pdh (declared heating cap) kW        |                                      |                 | 1.06             |                  | 1.11             | 1.60             | 2.00             | 2.07             |
|                                                     |                                   | COPd (declared COP)                  |                                      |                 | 7.13             | 7.11             | 7.35             | 7.11             | 6.41             | 7.00             |
|                                                     | Power input kW                    |                                      |                                      | 0.150           |                  |                  |                  | 0.23             | 0.31             | 0.30             |
|                                                     | Space heating<br>(Warm climate)   | TOL                                  | Tol (temperature operating limit) °C |                 |                  | -15              |                  |                  |                  |                  |
| Pdh (declared heating cap) kW                       |                                   |                                      | 2.05                                 |                 | 2.14             | 3.15             | 3.29             | 4.24             |                  |                  |
| COPd (declared COP)                                 |                                   |                                      | 2.00                                 |                 | 2.20             | 2.39             | 1.95             | 1.96             |                  |                  |
| Power input kW                                      |                                   |                                      | 1.03                                 |                 | 0.970            | 1.32             | 1.69             | 2.16             |                  |                  |
| TBivalent                                           |                                   | Tbiv (bivalent temperature) °C       |                                      |                 | 2                |                  |                  |                  |                  |                  |
|                                                     |                                   | Pdh (declared heating cap) kW        |                                      |                 | 1.18             | 1.29             | 1.51             | 2.48             | 2.58             | 3.34             |
|                                                     |                                   | COPd (declared COP)                  |                                      |                 | 4.74             | 4.63             | 4.58             | 4.46             | 4.39             | 4.05             |
|                                                     |                                   | Power input kW                       |                                      |                 | 0.250            | 0.280            | 0.330            | 0.56             | 0.59             | 0.83             |
| B Condi-<br>tion (2°C)                              |                                   | Pdh (declared heating cap) kW        |                                      |                 | 1.18             | 1.29             | 1.51             | 2.48             | 2.58             | 3.34             |
|                                                     |                                   | COPd (declared COP)                  |                                      |                 | 4.74             | 4.63             | 4.58             | 4.46             | 4.39             | 4.05             |
|                                                     |                                   | Power input kW                       |                                      |                 | 0.250            | 0.280            | 0.330            | 0.56             | 0.59             | 0.83             |
| C Condi-<br>tion (7°C)                              |                                   | Pdh (declared heating cap) kW        |                                      |                 | 0.910            |                  | 1.05             | 1.59             | 1.66             | 2.15             |
|                                                     |                                   | COPd (declared COP)                  |                                      |                 | 5.65             | 5.63             | 5.79             | 5.69             | 5.29             | 5.50             |
|                                                     |                                   | Power input kW                       |                                      |                 | 0.160            |                  | 0.180            | 0.28             | 0.31             | 0.39             |
| D Con-<br>dition<br>(12°C)                          |                                   | Pdh (declared heating cap) kW        |                                      |                 | 1.06             |                  | 1.11             | 1.60             | 2.00             | 2.07             |
|                                                     |                                   | COPd (declared COP)                  |                                      |                 | 7.13             | 7.11             | 7.35             | 7.11             | 6.41             | 7.00             |
| Power input kW                                      |                                   |                                      | 0.150                                |                 |                  |                  | 0.23             | 0.31             | 0.30             |                  |
| Power consump-<br>tion in other than<br>active mode | Crank-<br>case<br>heater<br>mode  | PCK W                                |                                      |                 | 0.00             |                  |                  |                  | 0.0              |                  |
|                                                     |                                   | Off mode POFF W                      |                                      |                 | 1.00             |                  |                  |                  | 1.0              |                  |
|                                                     | Standby<br>mode                   | Cooling PSB W                        | 1.00                                 |                 |                  |                  | 1.0              |                  |                  |                  |
|                                                     |                                   | Heating PSB W                        | 1.0                                  |                 |                  |                  | -                |                  |                  |                  |
|                                                     | Thermo-<br>stat-off<br>mode       | PTO Cooling W                        | 12                                   |                 |                  |                  | 13               |                  |                  | 15               |
|                                                     |                                   | Heating W                            | 12                                   |                 |                  |                  |                  |                  |                  | 14               |
|                                                     | 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               |                  |                  |                  |                  |                  |
| Moisture removal                                    |                                   |                                      |                                      |                 | Cooling l/h      |                  | 55.0             | 58.0             | -                |                  |
| Eurovent                                            | Sound power level outdoor         | Cooling                              | Nom.                                 | dB <sub>A</sub> | 61               |                  | 62               | 61               | 63               | 66               |
|                                                     |                                   | Cooling                              | Nom.                                 | dB <sub>A</sub> | -                |                  |                  | 59               | 60               | 62               |
|                                                     | Piping length                     | Cooling                              | Measuring condition                  | m               | -                |                  |                  | 5.0              |                  |                  |

## 2 Specifications

### 2 - 1 Specifications

| Electrical specifications |                                      |         |   | FTXP20N + RXP20N | FTXP25N + RXP25N | FTXP35N + RXP35N | FTXP50N + RXP50N | FTXP60N + RXP60N | FTXP71N + RXP71N |
|---------------------------|--------------------------------------|---------|---|------------------|------------------|------------------|------------------|------------------|------------------|
| Power factor              | Nominal                              | Cooling | % |                  |                  |                  | 95.6             | 99.1             |                  |
|                           |                                      | Heating | % |                  |                  |                  | 96.7             | 99.2             | 98.9             |
| Current                   | Nominal running current (RLA)        | Cooling | A |                  |                  |                  | 6.3              | 8.0              | 11.8             |
|                           | Nominal running current (RLA) - 50Hz | Heating | A |                  |                  |                  | 7.1              | 8.5              | 11.3             |
| Current - 50Hz            | Maximum fuse amps (MFA)              |         | A |                  |                  |                  | 20               |                  |                  |

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. |

See separate drawing for electrical data

| Technical Specifications |                  |               |         |        | RXP20N                               |           | RXP25N |      | RXP35N |      | RXP50N          |               | RXP60N |     | RXP71N |  |  |
|--------------------------|------------------|---------------|---------|--------|--------------------------------------|-----------|--------|------|--------|------|-----------------|---------------|--------|-----|--------|--|--|
| Casing                   | Colour           |               |         |        | Ivory white                          |           |        |      |        |      |                 |               |        |     |        |  |  |
| Dimensions               | Unit             | Height        | mm      |        | 556                                  |           |        |      |        |      | 734             |               |        |     |        |  |  |
|                          |                  | Width         | mm      |        | 740                                  |           |        |      |        |      | 954             |               |        |     |        |  |  |
|                          |                  | Depth         | mm      |        | 343                                  |           |        |      |        |      | 401             |               |        |     |        |  |  |
|                          | Packed unit      | Height        | mm      |        | 630                                  |           |        |      |        |      | 820             |               |        |     |        |  |  |
|                          |                  | Width         | mm      |        | 790                                  |           |        |      |        |      | 1,050           |               |        |     |        |  |  |
|                          |                  | Depth         | mm      |        | 400                                  |           |        |      |        |      | 480             |               |        |     |        |  |  |
| Weight                   | Unit             | kg            |         | 24     |                                      |           |        |      |        | 46.0 |                 | 50.0          |        |     |        |  |  |
|                          | Packed unit      | kg            |         | 26     |                                      |           |        |      |        | 50.0 |                 | 54.0          |        |     |        |  |  |
| Packing                  | Weight           | kg            |         | 2      |                                      |           |        |      |        | 4.0  |                 |               |        |     |        |  |  |
| Heat exchanger           | Length           |               |         | mm     | 670                                  |           |        |      | 647    |      | 943             |               | 920    |     |        |  |  |
|                          | Rows             | Quantity      |         |        | 1                                    |           |        |      | 2      |      | 1               |               | 2      |     |        |  |  |
|                          | Fin pitch        |               |         | mm     | 1.40                                 |           |        |      |        |      | 1.4             |               |        |     |        |  |  |
|                          | Stages           | Quantity      |         |        | 24                                   |           |        |      |        |      | 32              |               |        |     |        |  |  |
|                          | Passes           | Quantity      |         |        | 2.0                                  |           |        |      | 3.0    |      | 2.0             |               |        |     |        |  |  |
|                          | Tube type        |               |         |        | ø7 Hi-XD                             |           |        |      |        |      |                 |               |        |     |        |  |  |
|                          | Tube material    |               |         |        | Copper                               |           |        |      |        |      | -               |               |        |     |        |  |  |
|                          | Fin              | Type          |         |        | Waffle Hydrophilic Blue              |           |        |      |        |      | Waffle fin (PE) |               |        |     |        |  |  |
|                          | Fan              | Type          |         |        |                                      | Propeller |        |      |        |      |                 | Propeller fan |        |     |        |  |  |
|                          |                  | Air flow rate | Cooling | High   | m³/min                               | 27.6      |        |      |        | 28.2 |                 | -             |        |     |        |  |  |
|                          |                  |               |         | cfm    | 975                                  |           |        |      | 996    |      | -               |               |        |     |        |  |  |
| Nom.                     |                  |               |         | m³/min | -                                    |           |        |      |        |      | 41.0            |               | 45.5   |     |        |  |  |
|                          |                  |               |         | cfm    | -                                    |           |        |      |        |      | 1,447           |               | 1,608  |     |        |  |  |
| Heating                  |                  |               | High    | m³/min | 27.1                                 | 28.0      |        | 26.8 |        | -    |                 |               |        |     |        |  |  |
|                          |                  |               |         | cfm    | 957                                  | 990       |        | 946  |        | -    |                 |               |        |     |        |  |  |
|                          |                  |               | Nom.    | m³/min | -                                    |           |        |      |        |      | 43.2            |               | 45.3   |     | 46.5   |  |  |
|                          |                  |               |         | cfm    | -                                    |           |        |      |        |      | 1,527           |               | 1,600  |     | 1,643  |  |  |
| Fan motor                | Model            |               |         |        | DFC03Z1VA                            |           |        |      |        |      | D55F-31         |               |        |     |        |  |  |
|                          | Insulation grade |               |         |        | Class "E"                            |           |        |      |        |      | -               |               |        |     |        |  |  |
|                          | Output           |               |         | W      | 28                                   |           |        |      |        |      | 55              |               |        |     |        |  |  |
|                          | Speed            | Cooling       | High    | rpm    | 760                                  |           |        |      |        |      | 740             |               | 760    |     |        |  |  |
|                          |                  |               | Nom.    | rpm    | -                                    |           |        |      |        |      | 710             |               | 740    |     |        |  |  |
|                          |                  |               | Low     | rpm    | 640                                  |           |        |      |        |      | 680             |               | 740    |     |        |  |  |
|                          |                  | Heating       | High    | rpm    | 790                                  | 820       |        | 760  |        | 710  |                 | 740           |        | 760 |        |  |  |
|                          |                  |               | Nom.    | rpm    | -                                    |           |        |      |        |      | 710             |               | 740    |     | 760    |  |  |
|                          |                  |               | Low     | rpm    | 550                                  |           |        |      |        |      | 630             |               | 660    |     |        |  |  |
| Compressor               | Model            |               |         |        | 1Y078BKAX1P#D                        |           |        |      |        |      | 2YC40JXD#C      |               |        |     |        |  |  |
|                          | Oil Amount       |               |         | cm³    | 400                                  |           |        |      |        |      | 650             |               |        |     |        |  |  |
|                          | Type             |               |         |        | Hermetically sealed swing compressor |           |        |      |        |      |                 |               |        |     |        |  |  |
|                          | Output           |               |         | W      | 700                                  |           |        |      |        |      | 1,300           |               |        |     |        |  |  |
|                          | Oil Type         |               |         |        | FW68DA                               |           |        |      |        |      |                 |               |        |     |        |  |  |
| Operation range          | Cooling          | Ambient       | Min.    | °CDB   | -10                                  |           |        |      |        |      |                 |               |        |     |        |  |  |
|                          |                  |               | Max.    | °CDB   | 48                                   |           |        |      |        |      |                 |               |        |     |        |  |  |
|                          | Heating          | Ambient       | Min.    | °CWB   | -15                                  |           |        |      |        |      | -               |               |        |     |        |  |  |
|                          |                  |               |         | °CDB   | -15                                  |           |        |      |        |      |                 |               |        |     |        |  |  |
|                          |                  | Max.          |         | °CWB   | 18                                   |           |        |      |        |      | -               |               |        |     |        |  |  |
|                          |                  |               |         | °CDB   | 24                                   |           |        |      |        |      |                 |               |        |     |        |  |  |
| Sound power level        | Heating          | Nom.          |         | dBA    | 60                                   |           |        |      | 62     |      | -               |               |        |     |        |  |  |
| Sound pressure level     | Cooling          | High          |         | dBA    | 46                                   |           |        |      | 48     |      | -               |               |        |     |        |  |  |
|                          |                  | Nom.          |         | dBA    | -                                    |           |        |      | 47     |      | 49              |               | 52     |     |        |  |  |
|                          | Heating          | High          |         | dBA    | 47                                   |           |        |      | 48     |      | -               |               |        |     |        |  |  |
|                          |                  | Nom.          |         | dBA    | -                                    |           |        |      |        |      | 49              |               |        |     | 52     |  |  |
| Refrigerant              | Type             |               |         |        | R-32                                 |           |        |      |        |      |                 |               |        |     |        |  |  |
|                          | Charge           |               |         | kg     | 0.55                                 |           |        |      | 0.70   |      | 0.90            |               | 1.15   |     |        |  |  |
|                          | GWP              |               |         |        | 675.0                                |           |        |      |        |      |                 |               |        |     |        |  |  |
|                          |                  |               |         |        | 675                                  |           |        |      |        |      |                 |               |        |     |        |  |  |

## 2 Specifications

### 2 - 1 Specifications

2

| Technical Specifications |                               |         |        | RXP20N                                 | RXP25N | RXP35N | RXP50N                    | RXP60N | RXP71N |
|--------------------------|-------------------------------|---------|--------|----------------------------------------|--------|--------|---------------------------|--------|--------|
| Piping connections       | Liquid                        | OD      | mm     | 6.4                                    |        |        |                           |        |        |
|                          | Gas                           | OD      | mm     | 9.5                                    |        |        | 12.7                      |        |        |
|                          | Drain                         | OD      | mm     | 18                                     |        |        | 16                        |        |        |
|                          | Piping length                 | OU - IU | Max. m | 20                                     |        |        | 30                        |        |        |
|                          | Additional refrigerant charge |         | kg/m   | 0.02 (for piping length exceeding 10m) |        |        |                           |        |        |
|                          | Level difference              | IU - OU | Max. m | 12                                     |        |        | 20                        |        |        |
|                          | 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;

Standard accessories: Drain cap (1);Quantity: 6;

Standard accessories: Drain cap (2);Quantity: 3;

| Electrical Specifications |                            |          |    | RXP20N              | RXP25N | RXP35N | RXP50N | RXP60N | RXP71N |
|---------------------------|----------------------------|----------|----|---------------------|--------|--------|--------|--------|--------|
| Power supply              | Phase                      |          |    | 1~                  |        |        |        |        |        |
|                           | Frequency                  |          | Hz | 50                  |        |        |        |        |        |
|                           | Voltage                    |          | V  | 220-240             |        |        |        |        |        |
| Wiring connections        | For power supply           | Quantity |    | 3                   |        |        |        |        |        |
|                           |                            | Remark   |    | Earth wire included |        |        |        |        |        |
|                           | For connection with indoor | Quantity |    | 4                   |        |        |        |        |        |
|                           |                            | Remark   |    | Earth wire included |        |        |        |        |        |
| Current - 50Hz            | Maximum fuse amps (MFA)    |          | A  | 16                  |        |        | 20     |        |        |

See separate drawing for operation range |

See separate drawing for electrical data |

Contains fluorinated greenhouse gases

# 3 Electrical data

## 3 - 1 Electrical Data

### RXP20-35N

| Unit combination restrictions |              | Power supply |         |                       |      |     | COMP |     | OFM   |      | IFM   |      |
|-------------------------------|--------------|--------------|---------|-----------------------|------|-----|------|-----|-------|------|-------|------|
| Indoor unit                   | Outdoor unit | Hz           | Voltage | Voltage range         | MCA  | MFA | RHz  | RLA | kW    | FLA  | kW    | FLA  |
| FTXP20N5V1B                   | RXP20N5V1B   | 50           | 220     | Maximum ·50-Hz ·264-V | 7,99 | 16  | 40,0 | 2,7 | 0,024 | 0,17 | 0,024 | 0,34 |
|                               |              | 50           | 230     |                       |      |     |      | 2,6 |       |      |       |      |
|                               |              | 50           | 240     | Minimum ·50-Hz ·198-V |      |     |      | 2,5 |       |      |       |      |
| FTXP25N5V1B                   | RXP25N5V1B   | 50           | 220     | Maximum ·50-Hz ·264-V | 7,99 | 16  | 49,0 | 2,8 | 0,024 | 0,17 | 0,024 | 0,34 |
|                               |              | 50           | 230     |                       |      |     |      | 2,7 |       |      |       |      |
|                               |              | 50           | 240     | Minimum ·50-Hz ·198-V |      |     |      | 2,6 |       |      |       |      |
| FTXP35N5V1B                   | RXP35N5V1B   | 50           | 220     | Maximum ·50-Hz ·264-V | 9,20 | 16  | 78,0 | 4,3 | 0,021 | 0,16 | 0,037 | 0,45 |
|                               |              | 50           | 230     |                       |      |     |      | 4,1 |       |      |       |      |
|                               |              | 50           | 240     | Minimum ·50-Hz ·198-V |      |     |      | 3,9 |       |      |       |      |
| ATXP20N5V1B                   | ARXP20N5V1B  | 50           | 220     | Maximum ·50-Hz ·264-V | 7,99 | 16  | 40,0 | 2,7 | 0,024 | 0,17 | 0,024 | 0,34 |
|                               |              | 50           | 230     |                       |      |     |      | 2,6 |       |      |       |      |
|                               |              | 50           | 240     | Minimum ·50-Hz ·198-V |      |     |      | 2,5 |       |      |       |      |
| ATXP25N5V1B                   | ARXP25N5V1B  | 50           | 220     | Maximum ·50-Hz ·264-V | 7,99 | 16  | 49,0 | 2,8 | 0,024 | 0,17 | 0,024 | 0,34 |
|                               |              | 50           | 230     |                       |      |     |      | 2,7 |       |      |       |      |
|                               |              | 50           | 240     | Minimum ·50-Hz ·198-V |      |     |      | 2,6 |       |      |       |      |
| ATXP35N5V1B                   | ARXP35N5V1B  | 50           | 220     | Maximum ·50-Hz ·264-V | 9,20 | 16  | 78,0 | 4,3 | 0,021 | 0,16 | 0,037 | 0,45 |
|                               |              | 50           | 230     |                       |      |     |      | 4,1 |       |      |       |      |
|                               |              | 50           | 240     | Minimum ·50-Hz ·198-V |      |     |      | 3,9 |       |      |       |      |

#### Notes

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

#### Symbols

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

**3D144318**

### RXP50-71N

| Unit combination restrictions |              | Power supply |         |                                                |      |     | COMP | OFM   |      | IFM   |      |
|-------------------------------|--------------|--------------|---------|------------------------------------------------|------|-----|------|-------|------|-------|------|
| Indoor unit                   | Outdoor unit | Hz           | Voltage | Voltage range                                  | MCA  | MFA | RLA  | kW    | FLA  | kW    | FLA  |
| FTXP50M2V1B                   | RXP50M2V1B   | 50           | 220     | Maximum ·50-Hz ·264-V<br>Minimum ·50-Hz ·198-V | 14,5 | 20  | 6,5  | 0,056 | 0,37 | 0,045 | 0,43 |
|                               |              | 50           | 230     |                                                |      |     | 6,3  |       |      |       |      |
|                               |              | 50           | 240     | 6,1                                            |      |     |      |       |      |       |      |
| FTXP60M2V1B                   | RXP60M2V1B   | 50           | 220     | Maximum ·50-Hz ·264-V<br>Minimum ·50-Hz ·198-V | 15,7 | 20  | 8,1  | 0,056 | 0,37 | 0,049 | 0,46 |
|                               |              | 50           | 230     |                                                |      |     | 8,0  |       |      |       |      |
|                               |              | 50           | 240     | 7,9                                            |      |     |      |       |      |       |      |
| FTXP71M2V1B                   | RXP71M2V1B   | 50           | 220     | Maximum ·50-Hz ·264-V<br>Minimum ·50-Hz ·198-V | 15,7 | 20  | 11,9 | 0,056 | 0,37 | 0,049 | 0,46 |
|                               |              | 50           | 230     |                                                |      |     | 11,8 |       |      |       |      |
|                               |              | 50           | 240     | 11,7                                           |      |     |      |       |      |       |      |
| FTXP50M5V1B                   | RXP50M5V1B   | 50           | 220     | Maximum ·50-Hz ·264-V<br>Minimum ·50-Hz ·198-V | 14,5 | 20  | 6,5  | 0,056 | 0,37 | 0,045 | 0,43 |
|                               |              | 50           | 230     |                                                |      |     | 6,3  |       |      |       |      |
|                               |              | 50           | 240     | 6,1                                            |      |     |      |       |      |       |      |
| FTXP60M5V1B                   | RXP60M5V1B   | 50           | 220     | Maximum ·50-Hz ·264-V<br>Minimum ·50-Hz ·198-V | 15,7 | 20  | 8,1  | 0,056 | 0,37 | 0,049 | 0,46 |
|                               |              | 50           | 230     |                                                |      |     | 8,0  |       |      |       |      |
|                               |              | 50           | 240     | 7,9                                            |      |     |      |       |      |       |      |
| FTXP71M5V1B                   | RXP71M5V1B   | 50           | 220     | Maximum ·50-Hz ·264-V<br>Minimum ·50-Hz ·198-V | 15,7 | 20  | 11,9 | 0,056 | 0,37 | 0,049 | 0,46 |
|                               |              | 50           | 230     |                                                |      |     | 11,8 |       |      |       |      |
|                               |              | 50           | 240     | 11,7                                           |      |     |      |       |      |       |      |
| FTXP50N2V1B                   | RXP50N5V1B   | 50           | 220     | Maximum ·50-Hz ·264-V<br>Minimum ·50-Hz ·198-V | 14,5 | 20  | 6,5  | 0,056 | 0,37 | 0,045 | 0,43 |
|                               |              | 50           | 230     |                                                |      |     | 6,3  |       |      |       |      |
|                               |              | 50           | 240     | 6,1                                            |      |     |      |       |      |       |      |
| FTXP60N2V1B                   | RXP60N5V1B   | 50           | 220     | Maximum ·50-Hz ·264-V<br>Minimum ·50-Hz ·198-V | 15,7 | 20  | 8,1  | 0,056 | 0,37 | 0,049 | 0,46 |
|                               |              | 50           | 230     |                                                |      |     | 8,0  |       |      |       |      |
|                               |              | 50           | 240     | 7,9                                            |      |     |      |       |      |       |      |
| FTXP71N2V1B                   | RXP71N5V1B   | 50           | 220     | Maximum ·50-Hz ·264-V<br>Minimum ·50-Hz ·198-V | 15,7 | 20  | 11,9 | 0,056 | 0,37 | 0,049 | 0,46 |
|                               |              | 50           | 230     |                                                |      |     | 11,8 |       |      |       |      |
|                               |              | 50           | 240     | 11,7                                           |      |     |      |       |      |       |      |

#### Symbols

MCA: Minimum Circuit Amperes [A]  
MFA: Maximum Fuse Amperes [A]  
RLA: Rated Load Amperes [A]  
OFM: Outdoor fan motor  
IFM: Indoor fan motor  
FLA: Full Load Amperes [A]  
kW: Fan motor rated output [kW]  
COMP: Compressor

#### Notes

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

**3D120329C**

# 4 Capacity tables

## 4 - 1 Cooling Capacity Tables

### FTXP20N5V1B / RXP20N5V1B

Cooling · 220-240V 50Hz·

|     |      |
|-----|------|
| AFR | 9,5  |
| BF  | 0,22 |

| Indoor air temperature<br>[°C WB] | Indoor air temperature<br>[°C DB] | Outdoor air temperature [°C DB] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------------|-----------------------------------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                   |                                   | 20                              |      |      | 25   |      |      | 30   |      |      | 32   |      |      | 35   |      |      | 40   |      |      |
|                                   |                                   | TC                              | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   |
| 14                                | 20                                | 2,05                            | 1,80 | 0,42 | 1,96 | 1,76 | 0,45 | 1,86 | 1,72 | 0,49 | 1,83 | 1,70 | 0,51 | 1,77 | 1,67 | 0,53 | 1,68 | 1,63 | 0,56 |
| 16                                | 22                                | 2,14                            | 1,77 | 0,42 | 2,05 | 1,73 | 0,46 | 1,95 | 1,69 | 0,49 | 1,92 | 1,68 | 0,51 | 1,86 | 1,65 | 0,53 | 1,77 | 1,61 | 0,57 |
| 18                                | 25                                | 2,23                            | 1,89 | 0,42 | 2,14 | 1,86 | 0,46 | 2,05 | 1,82 | 0,49 | 2,01 | 1,81 | 0,51 | 1,95 | 1,78 | 0,53 | 1,86 | 1,75 | 0,57 |
| <b>19</b>                         | <b>27</b>                         | 2,28                            | 2,03 | 0,42 | 2,19 | 2,00 | 0,46 | 2,09 | 1,96 | 0,50 | 2,06 | 1,95 | 0,51 | 2,00 | 1,93 | 0,53 | 1,91 | 1,89 | 0,57 |
| 22                                | 30                                | 2,42                            | 1,97 | 0,42 | 2,32 | 1,94 | 0,46 | 2,23 | 1,91 | 0,50 | 2,19 | 1,90 | 0,51 | 2,14 | 1,88 | 0,54 | 2,05 | 1,85 | 0,57 |
| 24                                | 32                                | 2,51                            | 1,93 | 0,43 | 2,42 | 1,91 | 0,46 | 2,32 | 1,88 | 0,50 | 2,29 | 1,87 | 0,52 | 2,23 | 1,85 | 0,54 | 2,14 | 1,82 | 0,58 |

Heating · 220-240V 50Hz·

|     |      |
|-----|------|
| AFR | 10,4 |
|-----|------|

| Indoor air temperature [°C DB] | Outdoor air temperature [°C DB] |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|                                | -15                             |      | -10  |      | -5   |      | 0    |      | 6    |      | 10   |      |
|                                | TC                              | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| 15                             | 1,19                            | 0,34 | 1,43 | 0,35 | 1,67 | 0,37 | 1,92 | 0,49 | 2,59 | 0,51 | 2,81 | 0,53 |
| <b>20</b>                      | 1,12                            | 0,35 | 1,36 | 0,36 | 1,60 | 0,38 | 1,84 | 0,50 | 2,50 | 0,52 | 2,73 | 0,54 |
| 22                             | 1,09                            | 0,35 | 1,33 | 0,37 | 1,57 | 0,38 | 1,81 | 0,50 | 2,47 | 0,53 | 2,69 | 0,55 |
| 24                             | 1,06                            | 0,35 | 1,30 | 0,37 | 1,54 | 0,39 | 1,78 | 0,51 | 2,43 | 0,53 | 2,66 | 0,55 |
| 25                             | 1,04                            | 0,36 | 1,28 | 0,37 | 1,52 | 0,39 | 1,76 | 0,51 | 2,41 | 0,54 | 2,64 | 0,55 |
| 27                             | 1,01                            | 0,36 | 1,25 | 0,38 | 1,49 | 0,39 | 1,74 | 0,51 | 2,38 | 0,54 | 2,61 | 0,56 |

Heating capacity at nominal operating frequency, measured according to ·EN 14511·.

#### 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.

#### Symbols

TC: Total capacity [kW]  
PI: Power input [kW]  
SHC: Sensible heat capacity [kW]  
AFR: Air flow rate [m³/min]  
BF: Bypass factor

**3D144315**

### FTXP25N5V1B / RXP25N5V1B

Cooling · 220-240V 50Hz·

|     |      |
|-----|------|
| AFR | 9,7  |
| BF  | 0,22 |

| Indoor air temperature<br>[°C WB] | Indoor air temperature<br>[°C DB] | Outdoor air temperature [°C DB] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------------|-----------------------------------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                   |                                   | 20                              |      |      | 25   |      |      | 30   |      |      | 32   |      |      | 35   |      |      | 40   |      |      |
|                                   |                                   | TC                              | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   |
| 14                                | 20                                | 2,56                            | 2,08 | 0,51 | 2,44 | 2,03 | 0,56 | 2,33 | 1,97 | 0,60 | 2,28 | 1,96 | 0,62 | 2,21 | 1,92 | 0,65 | 2,10 | 1,86 | 0,70 |
| 16                                | 22                                | 2,68                            | 2,05 | 0,51 | 2,56 | 1,99 | 0,56 | 2,44 | 1,94 | 0,61 | 2,40 | 1,92 | 0,63 | 2,33 | 1,89 | 0,66 | 2,21 | 1,84 | 0,71 |
| 18                                | 25                                | 2,79                            | 2,17 | 0,51 | 2,68 | 2,12 | 0,56 | 2,56 | 2,07 | 0,61 | 2,51 | 2,06 | 0,63 | 2,44 | 2,03 | 0,66 | 2,33 | 1,98 | 0,71 |
| <b>19</b>                         | <b>27</b>                         | 2,85                            | 2,31 | 0,51 | 2,73 | 2,27 | 0,56 | 2,62 | 2,22 | 0,61 | 2,57 | 2,20 | 0,63 | 2,50 | 2,18 | 0,66 | 2,38 | 2,13 | 0,71 |
| 22                                | 30                                | 3,02                            | 2,24 | 0,52 | 2,91 | 2,20 | 0,57 | 2,79 | 2,16 | 0,62 | 2,74 | 2,14 | 0,64 | 2,67 | 2,12 | 0,67 | 2,56 | 2,08 | 0,71 |
| 24                                | 32                                | 3,14                            | 2,19 | 0,52 | 3,02 | 2,15 | 0,56 | 2,90 | 2,12 | 0,63 | 2,86 | 2,10 | 0,64 | 2,79 | 2,08 | 0,67 | 2,67 | 2,04 | 0,72 |

Heating · 220-240V 50Hz·

|     |      |
|-----|------|
| AFR | 10,4 |
|-----|------|

| Indoor air temperature [°C DB] | Outdoor air temperature [°C DB] |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|                                | -15                             |      | -10  |      | -5   |      | 0    |      | 6    |      | 10   |      |
|                                | TC                              | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| 15                             | 1,43                            | 0,44 | 1,72 | 0,47 | 2,00 | 0,49 | 2,30 | 0,64 | 3,10 | 0,67 | 3,37 | 0,70 |
| <b>20</b>                      | 1,34                            | 0,46 | 1,63 | 0,48 | 1,92 | 0,50 | 2,21 | 0,65 | 3,00 | 0,69 | 3,27 | 0,71 |
| 22                             | 1,31                            | 0,46 | 1,59 | 0,48 | 1,88 | 0,51 | 2,17 | 0,66 | 2,96 | 0,69 | 3,23 | 0,72 |
| 24                             | 1,27                            | 0,47 | 1,56 | 0,49 | 1,85 | 0,51 | 2,14 | 0,67 | 2,92 | 0,70 | 3,19 | 0,72 |
| 25                             | 1,25                            | 0,47 | 1,54 | 0,49 | 1,83 | 0,51 | 2,12 | 0,67 | 2,90 | 0,70 | 3,17 | 0,73 |
| 27                             | 1,22                            | 0,47 | 1,51 | 0,50 | 1,79 | 0,52 | 2,09 | 0,68 | 2,86 | 0,71 | 3,13 | 0,73 |

Heating capacity at nominal operating frequency, measured according to ·EN 14511·.

#### 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.

#### Symbols

TC: Total capacity [kW]  
PI: Power input [kW]  
SHC: Sensible heat capacity [kW]  
AFR: Air flow rate [m³/min]  
BF: Bypass factor

**3D144316**

# 4 Capacity tables

## 4 - 1 Cooling Capacity Tables

### FTXP35N5V1B / RXP35N5V1B

Cooling · 220-240V 50Hz·

|     |      |
|-----|------|
| AFR | 11,5 |
| BF  | 0,23 |

| Indoor air temperature<br>[°C WB] | Indoor air temperature<br>[°C DB] | Outdoor air temperature [°C DB] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------------|-----------------------------------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                   |                                   | 20                              |      |      | 25   |      |      | 30   |      |      | 32   |      |      | 35   |      |      | 40   |      |      |
|                                   |                                   | TC                              | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   |
| 14                                | 20                                | 3,59                            | 2,69 | 0,84 | 3,42 | 2,61 | 0,92 | 3,26 | 2,53 | 0,98 | 3,19 | 2,50 | 1,01 | 3,10 | 2,45 | 1,06 | 2,93 | 2,37 | 1,13 |
| 16                                | 22                                | 3,75                            | 2,65 | 0,85 | 3,58 | 2,57 | 0,92 | 3,42 | 2,49 | 0,99 | 3,36 | 2,47 | 1,02 | 3,26 | 2,42 | 1,06 | 3,10 | 2,35 | 1,14 |
| 18                                | 25                                | 3,91                            | 2,78 | 0,85 | 3,75 | 2,71 | 0,93 | 3,58 | 2,64 | 0,99 | 3,52 | 2,61 | 1,02 | 3,42 | 2,57 | 1,07 | 3,26 | 2,50 | 1,14 |
| <b>19</b>                         | <b>27</b>                         | 3,99                            | 2,93 | 0,85 | 3,83 | 2,86 | 0,93 | 3,66 | 2,80 | 0,99 | 3,60 | 2,77 | 1,02 | 3,50 | 2,73 | 1,07 | 3,34 | 2,67 | 1,15 |
| 22                                | 30                                | 4,23                            | 2,83 | 0,86 | 4,07 | 2,77 | 0,94 | 3,90 | 2,71 | 1,00 | 3,84 | 2,69 | 1,03 | 3,74 | 2,65 | 1,08 | 3,58 | 2,59 | 1,15 |
| 24                                | 32                                | 4,39                            | 2,76 | 0,87 | 4,23 | 2,70 | 0,94 | 4,07 | 2,65 | 1,01 | 4,00 | 2,63 | 1,04 | 3,90 | 2,59 | 1,08 | 3,74 | 2,54 | 1,16 |

Heating · 220-240V 50Hz·

|     |      |
|-----|------|
| AFR | 11,5 |
|-----|------|

| Indoor air temperature [°C DB] | Outdoor air temperature [°C DB] |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|
|                                | -15                             |      | -10  |      | -5   |      | 0    |      | 6    |      | 10   |      |
|                                | TC                              | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| 15                             | 1,90                            | 0,63 | 2,29 | 0,66 | 2,67 | 0,70 | 3,07 | 0,91 | 4,14 | 0,96 | 4,50 | 1,00 |
| <b>20</b>                      | 1,79                            | 0,65 | 2,17 | 0,68 | 2,56 | 0,71 | 2,95 | 0,94 | 4,00 | 0,99 | 4,36 | 1,02 |
| 22                             | 1,74                            | 0,66 | 2,12 | 0,69 | 2,51 | 0,72 | 2,90 | 0,94 | 3,94 | 0,99 | 4,31 | 1,03 |
| 24                             | 1,69                            | 0,66 | 2,08 | 0,70 | 2,46 | 0,73 | 2,85 | 0,95 | 3,89 | 1,00 | 4,25 | 1,04 |
| 25                             | 1,67                            | 0,67 | 2,05 | 0,70 | 2,44 | 0,73 | 2,83 | 0,96 | 3,86 | 1,01 | 4,22 | 1,04 |
| 27                             | 1,62                            | 0,67 | 2,01 | 0,71 | 2,39 | 0,74 | 2,78 | 0,97 | 3,81 | 1,02 | 4,17 | 1,05 |

Heating capacity at nominal operating frequency, measured according to ·EN 14511·.

#### 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.

#### Symbols

TC: Total capacity [kW]  
PI: Power input [kW]  
SHC: Sensible heat capacity [kW]  
AFR: Air flow rate [m³/min]  
BF: Bypass factor

**3D144317**

### FTXP50N / RXP50N

Cooling

·50· Hz

·230· V

|     |      |
|-----|------|
| AFR | 16,3 |
| BF  | 0,27 |

| Indoor temperature |           | Outdoor temperature [°C DB] |      |      |      |      |      |      |      |      |      |      |      |             |             |             |             |             |             |
|--------------------|-----------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|-------------|-------------|-------------|-------------|-------------|-------------|
| EWB<br>°C          | EDB<br>°C | 20                          |      |      | 25   |      |      | 30   |      |      | 32   |      |      | 35          |             |             | 40          |             |             |
|                    |           | TC                          | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC          | SHC         | PI          | TC          | SHC         | PI          |
| 14,0               | 20        | 5,12                        | 3,71 | 1,06 | 4,89 | 3,59 | 1,17 | 4,66 | 3,47 | 1,27 | 4,56 | 3,42 | 1,31 | 4,42        | 3,35        | 1,37        | 4,19        | 3,24        | 1,46        |
| 16,0               | 22        | 5,35                        | 3,64 | 1,07 | 5,12 | 3,53 | 1,17 | 4,89 | 3,42 | 1,27 | 4,79 | 3,38 | 1,32 | 4,65        | 3,31        | 1,38        | 4,42        | 3,20        | 1,47        |
| 18,0               | 25        | 5,58                        | 3,80 | 1,07 | 5,35 | 3,70 | 1,18 | 5,12 | 3,59 | 1,28 | 5,02 | 3,55 | 1,32 | 4,88        | 3,49        | 1,38        | 4,65        | 3,39        | 1,48        |
| 19,0               | 27        | 5,70                        | 3,99 | 1,08 | 5,47 | 3,89 | 1,18 | 5,23 | 3,79 | 1,28 | 5,14 | 3,75 | 1,33 | <b>5,00</b> | <b>3,70</b> | <b>1,39</b> | <b>4,77</b> | <b>3,60</b> | <b>1,48</b> |
| 22,0               | 30        | 6,04                        | 3,85 | 1,09 | 5,81 | 3,76 | 1,19 | 5,58 | 3,67 | 1,29 | 5,49 | 3,63 | 1,33 | 5,35        | 3,58        | 1,39        | 5,11        | 3,50        | 1,49        |
| 24,0               | 32        | 6,27                        | 3,74 | 1,09 | 6,04 | 3,66 | 1,20 | 5,81 | 3,58 | 1,30 | 5,72 | 3,55 | 1,34 | 5,58        | 3,50        | 1,39        | 5,34        | 3,42        | 1,50        |

Heating

·50· Hz

·230· V

|     |      |
|-----|------|
| AFR | 17,3 |
|-----|------|

| Indoor temperature |    | Outdoor temperature [°C WB] |      |      |      |      |      |      |      |             |             |             |             |
|--------------------|----|-----------------------------|------|------|------|------|------|------|------|-------------|-------------|-------------|-------------|
| EDB<br>°C          | °C | -15                         |      | -10  |      | -5   |      | 0    |      | 6           |             | 10          |             |
|                    |    | TC                          | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC          | PI          | TC          | PI          |
| 15,0               |    | 2,86                        | 1,02 | 3,43 | 1,07 | 4,01 | 1,12 | 4,58 | 1,47 | 6,21        | 1,54        | 6,75        | 1,60        |
| 20,0               |    | 2,68                        | 1,04 | 3,26 | 1,10 | 3,83 | 1,15 | 4,41 | 1,50 | <b>6,00</b> | <b>1,58</b> | <b>6,54</b> | <b>1,63</b> |
| 22,0               |    | 2,61                        | 1,06 | 3,19 | 1,11 | 3,76 | 1,16 | 4,34 | 1,52 | 5,92        | 1,59        | 6,46        | 1,65        |
| 24,0               |    | 2,54                        | 1,07 | 3,12 | 1,12 | 3,69 | 1,17 | 4,27 | 1,53 | 5,83        | 1,61        | 6,38        | 1,66        |
| 25,0               |    | 2,51                        | 1,07 | 3,08 | 1,13 | 3,66 | 1,18 | 4,23 | 1,54 | 5,79        | 1,61        | 6,33        | 1,67        |
| 27,0               |    | 2,43                        | 1,08 | 3,01 | 1,14 | 3,59 | 1,19 | 4,17 | 1,55 | 5,71        | 1,63        | 6,25        | 1,68        |

#### Symbols

AFR: Air flow rate [m³/min]  
BF: Bypass factor  
EWB: Entering wet-bulb temperature (°C WB)  
EDB: Entering dry-bulb temperature (°C DB)  
TC: Total capacity [kW]  
SHC: Sensible heat capacity [kW]  
PI: Power input [kW]

#### Notes

- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- The bold cells indicate the standard conditions.  
Rated operating frequency [Hz]
- The capacities are based on the following conditions:  
Corresponding refrigerant piping length: ·5· m  
Level difference: ·0· m
- The air flow rate and bypass factor are mentioned in the table.

**3D120340A**

# 4 Capacity tables

## 4 - 1 Cooling Capacity Tables

4

### FTXP60N / RXP60N

Cooling

·50· Hz

·230· V

|     |      |
|-----|------|
| AFR | 16,8 |
| BF  | 0,27 |

| Indoor temperature |     |  | Outdoor temperature [°C DB] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|--------------------|-----|--|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| EWB                | EDB |  | 20                          |      |      | 25   |      |      | 30   |      |      | 32   |      |      | 35   |      |      | 40   |      |      |  |  |
| °C                 | °C  |  | TC                          | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   |  |  |
| 14,0               | 20  |  | 6,15                        | 4,35 | 1,40 | 5,87 | 4,20 | 1,53 | 5,59 | 4,05 | 1,67 | 5,48 | 4,00 | 1,72 | 5,31 | 3,91 | 1,81 | 5,03 | 3,77 | 1,95 |  |  |
| 16,0               | 22  |  | 6,42                        | 4,27 | 1,41 | 6,14 | 4,13 | 1,55 | 5,86 | 4,00 | 1,68 | 5,75 | 3,94 | 1,73 | 5,59 | 3,86 | 1,81 | 5,31 | 3,73 | 1,95 |  |  |
| 18,0               | 25  |  | 6,70                        | 4,44 | 1,42 | 6,42 | 4,31 | 1,56 | 6,14 | 4,18 | 1,69 | 6,03 | 4,13 | 1,75 | 5,86 | 4,05 | 1,82 | 5,58 | 3,93 | 1,96 |  |  |
| 19,0               | 27  |  | 6,84                        | 4,65 | 1,42 | 6,56 | 4,52 | 1,56 | 6,28 | 4,40 | 1,69 | 6,17 | 4,35 | 1,75 | 6,00 | 4,28 | 1,82 | 5,72 | 4,16 | 1,97 |  |  |
| 22,0               | 30  |  | 7,25                        | 4,47 | 1,43 | 6,97 | 4,36 | 1,57 | 6,69 | 4,25 | 1,70 | 6,58 | 4,21 | 1,76 | 6,41 | 4,14 | 1,83 | 6,14 | 4,04 | 1,98 |  |  |
| 24,0               | 32  |  | 7,53                        | 4,34 | 1,45 | 7,25 | 4,24 | 1,58 | 6,97 | 4,14 | 1,71 | 6,86 | 4,10 | 1,77 | 6,69 | 4,04 | 1,85 | 6,41 | 3,94 | 1,98 |  |  |

Heating

·50· Hz

·230· V

|     |      |
|-----|------|
| AFR | 17,9 |
|-----|------|

| Indoor temperature |  |  | Outdoor temperature [°C WB] |      |      |      |      |      |      |      |      |      |      |      |
|--------------------|--|--|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|
| EDB                |  |  | -15                         |      | -10  |      | -5   |      | 0    |      | 6    |      | 10   |      |
| °C                 |  |  | TC                          | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| 15,0               |  |  | 3,33                        | 1,24 | 4,01 | 1,31 | 4,68 | 1,37 | 5,35 | 1,79 | 7,24 | 1,89 | 7,87 | 1,95 |
| 20,0               |  |  | 3,13                        | 1,28 | 3,80 | 1,34 | 4,47 | 1,40 | 5,14 | 1,83 | 7,00 | 1,93 | 7,63 | 1,99 |
| 22,0               |  |  | 3,05                        | 1,29 | 3,72 | 1,35 | 4,39 | 1,42 | 5,06 | 1,85 | 6,90 | 1,95 | 7,54 | 2,01 |
| 24,0               |  |  | 2,96                        | 1,30 | 3,64 | 1,37 | 4,31 | 1,43 | 4,98 | 1,87 | 6,81 | 1,96 | 7,44 | 2,03 |
| 25,0               |  |  | 2,92                        | 1,31 | 3,59 | 1,37 | 4,27 | 1,44 | 4,94 | 1,88 | 6,76 | 1,97 | 7,39 | 2,04 |
| 27,0               |  |  | 2,84                        | 1,32 | 3,51 | 1,39 | 4,18 | 1,45 | 4,85 | 1,89 | 6,66 | 1,99 | 7,29 | 2,05 |

Symbols

AFR: Air flow rate [m³/min]

BF: Bypass factor

EWB: Entering wet-bulb temperature (°C WB)

EDB: Entering dry-bulb temperature (°C DB)

TC: Total capacity [kW]

SHC: Sensible heat capacity [kW]

PI: Power input [kW]

Notes

- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- The bold cells indicate the standard conditions.  
Rated operating frequency [Hz]
- The capacities are based on the following conditions:  
Corresponding refrigerant piping length: ·5· m  
Level difference: ·0· m
- The air flow rate and bypass factor are mentioned in the table.

3D120341A

### FTXP71N / RXP71N

Cooling

·50· Hz

·230· V

|     |      |
|-----|------|
| AFR | 16,8 |
| BF  | 0,27 |

| Indoor temperature |     |  | Outdoor temperature [°C DB] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|--------------------|-----|--|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
| EWB                | EDB |  | 20                          |      |      | 25   |      |      | 30   |      |      | 32   |      |      | 35   |      |      | 40   |      |      |  |  |
| °C                 | °C  |  | TC                          | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   |  |  |
| 14,0               | 20  |  | 7,28                        | 5,14 | 2,07 | 6,95 | 4,97 | 2,26 | 6,61 | 4,79 | 2,46 | 6,48 | 4,73 | 2,54 | 6,28 | 4,62 | 2,67 | 5,95 | 4,46 | 2,87 |  |  |
| 16,0               | 22  |  | 7,60                        | 5,05 | 2,08 | 7,27 | 4,88 | 2,28 | 6,93 | 4,73 | 2,48 | 6,80 | 4,66 | 2,56 | 6,61 | 4,56 | 2,67 | 6,28 | 4,41 | 2,87 |  |  |
| 18,0               | 25  |  | 7,93                        | 5,25 | 2,10 | 7,60 | 5,10 | 2,30 | 7,27 | 4,94 | 2,49 | 7,14 | 4,88 | 2,57 | 6,93 | 4,79 | 2,69 | 6,60 | 4,65 | 2,89 |  |  |
| 19,0               | 27  |  | 8,09                        | 5,50 | 2,10 | 7,76 | 5,34 | 2,30 | 7,43 | 5,20 | 2,49 | 7,30 | 5,14 | 2,57 | 7,10 | 5,06 | 2,69 | 6,77 | 4,92 | 2,90 |  |  |
| 22,0               | 30  |  | 8,58                        | 5,28 | 2,12 | 8,25 | 5,15 | 2,31 | 7,92 | 5,02 | 2,51 | 7,79 | 4,98 | 2,59 | 7,58 | 4,89 | 2,71 | 7,27 | 4,78 | 2,92 |  |  |
| 24,0               | 32  |  | 8,91                        | 5,13 | 2,13 | 8,58 | 5,01 | 2,33 | 8,25 | 4,89 | 2,53 | 8,12 | 4,85 | 2,61 | 7,92 | 4,78 | 2,72 | 7,58 | 4,66 | 2,92 |  |  |

Heating

·50· Hz

·230· V

|     |      |
|-----|------|
| AFR | 17,9 |
|-----|------|

| Indoor temperature |  |  | Outdoor temperature [°C WB] |      |      |      |      |      |      |      |      |      |      |      |
|--------------------|--|--|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|
| EDB                |  |  | -15                         |      | -10  |      | -5   |      | 0    |      | 6    |      | 10   |      |
| °C                 |  |  | TC                          | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| 15,0               |  |  | 3,90                        | 1,65 | 4,70 | 1,74 | 5,48 | 1,82 | 6,26 | 2,38 | 8,48 | 2,52 | 9,22 | 2,60 |
| 20,0               |  |  | 3,67                        | 1,70 | 4,45 | 1,78 | 5,24 | 1,86 | 6,03 | 2,44 | 8,20 | 2,57 | 8,94 | 2,65 |
| 22,0               |  |  | 3,57                        | 1,72 | 4,36 | 1,80 | 5,14 | 1,89 | 5,92 | 2,46 | 8,08 | 2,60 | 8,83 | 2,68 |
| 24,0               |  |  | 3,47                        | 1,73 | 4,26 | 1,82 | 5,05 | 1,90 | 5,83 | 2,49 | 7,98 | 2,61 | 8,72 | 2,70 |
| 25,0               |  |  | 3,42                        | 1,74 | 4,21 | 1,82 | 5,00 | 1,92 | 5,79 | 2,50 | 7,92 | 2,62 | 8,66 | 2,72 |
| 27,0               |  |  | 3,33                        | 1,76 | 4,11 | 1,85 | 4,90 | 1,93 | 5,69 | 2,52 | 7,80 | 2,65 | 8,54 | 2,73 |

Symbols

AFR: Air flow rate [m³/min]

BF: Bypass factor

EWB: Entering wet-bulb temperature (°C WB)

EDB: Entering dry-bulb temperature (°C DB)

TC: Total capacity [kW]

SHC: Sensible heat capacity [kW]

PI: Power input [kW]

Notes

- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- The bold cells indicate the standard conditions.  
Rated operating frequency [Hz]
- The capacities are based on the following conditions:  
Corresponding refrigerant piping length: ·5· m  
Level difference: ·0· m
- The air flow rate and bypass factor are mentioned in the table.

3D120342A

## 5 Dimensional drawings

## 5 - 1 Dimensional Drawings

## RXP20-35N

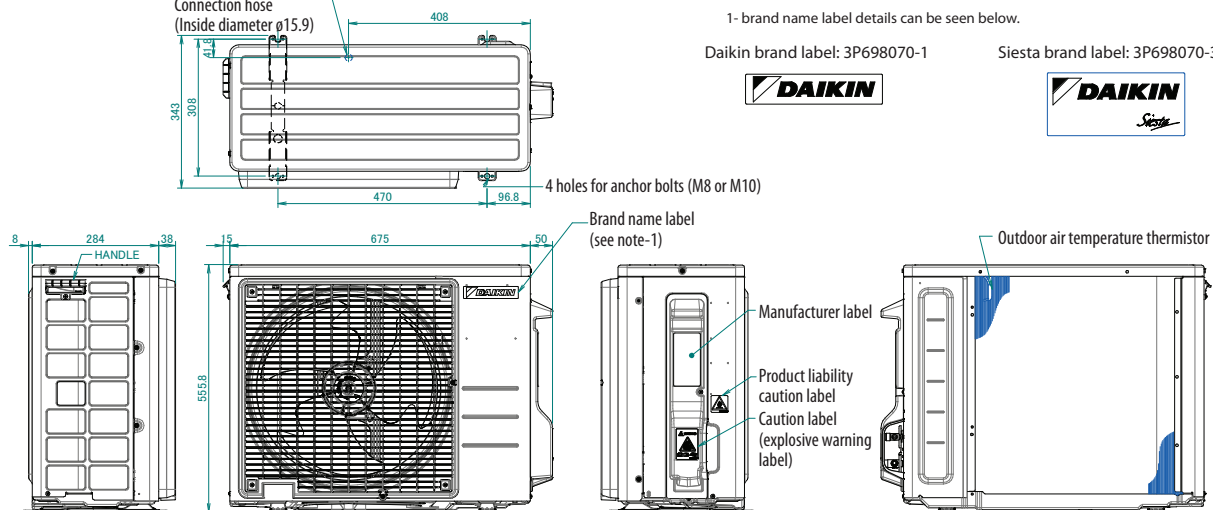
Drain outlet  
Connection hose  
(Inside diameter  $\phi 15.9$ )

## NOTATION

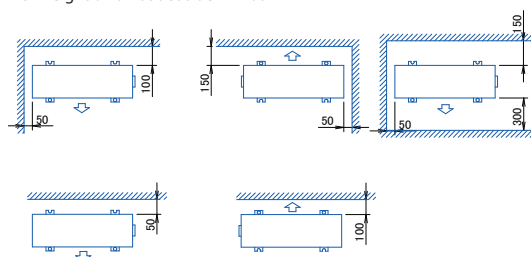
1- brand name label details can be seen below.

Daikin brand label: 3P698070-1

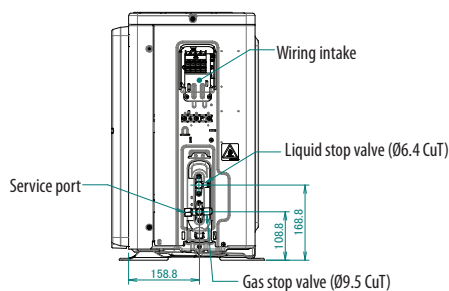
Siesta brand label: 3P698070-3



Minimum space for air passage  
Wall height on air outlet side < 1200 mm

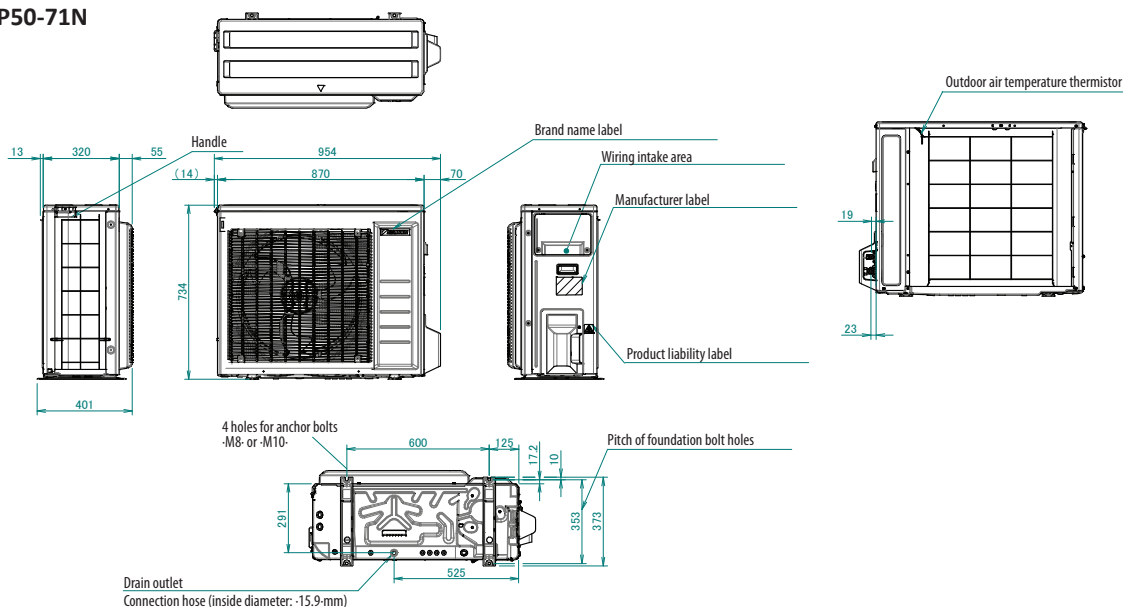


In case of removing the stop valve cover.

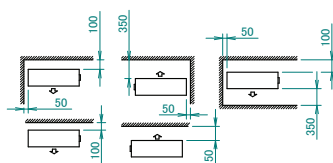


2D143507

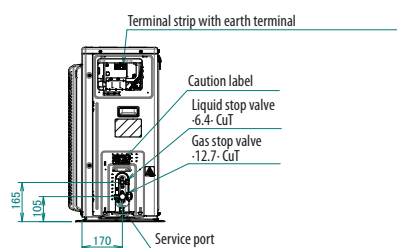
## RXP50-71N



Minimum space for air passage  
Wall height on air outlet side < 1200 mm



In case of removing the stop valve cover.

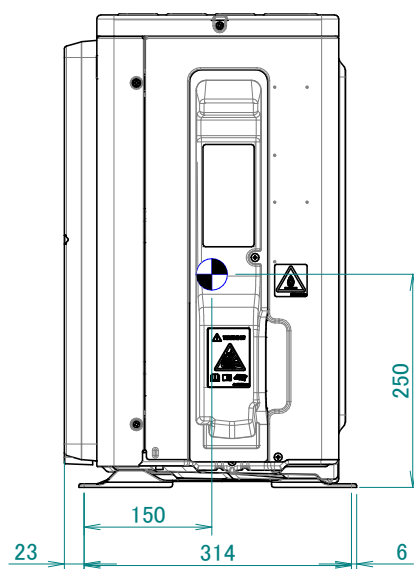
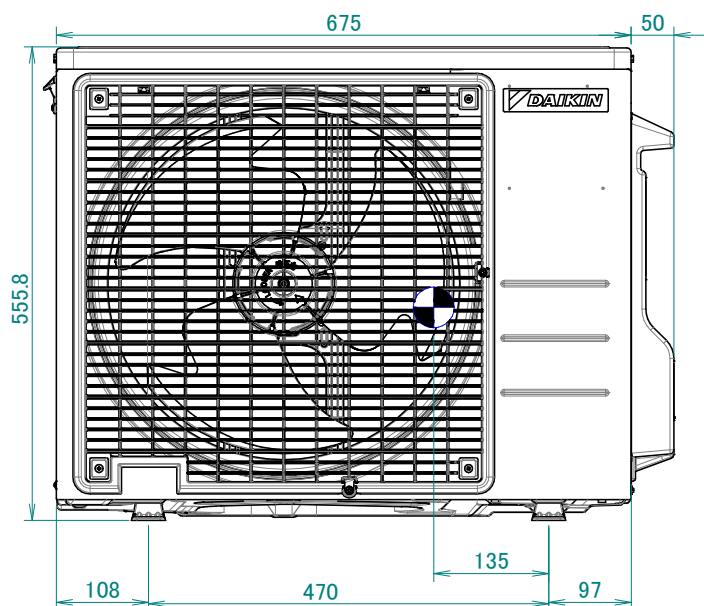


**3D142808**

## 6 Centre of gravity

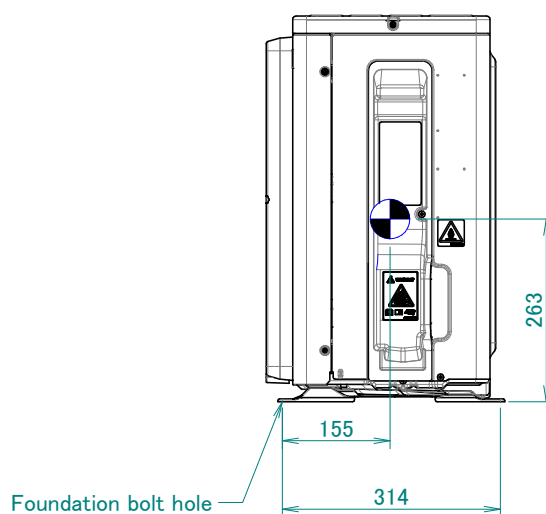
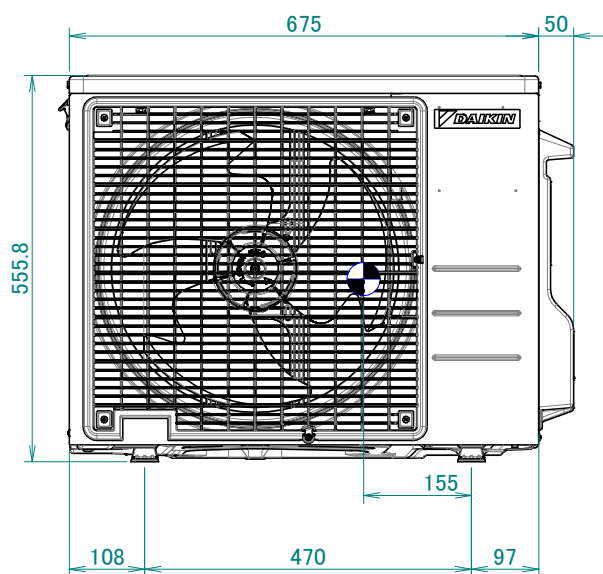
### 6 - 1 Centre of Gravity

#### RXP20-25N



4D144283

#### RXP35N

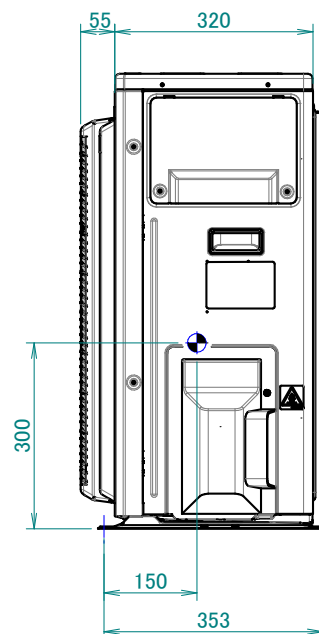
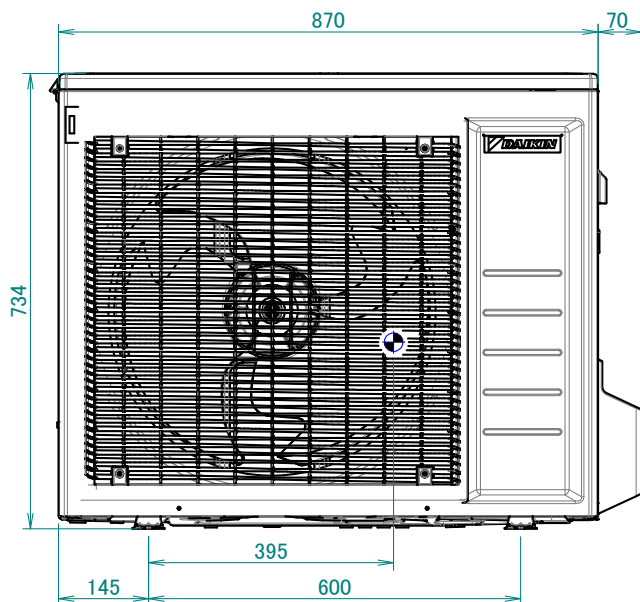


4D144284A

## 6 Centre of gravity

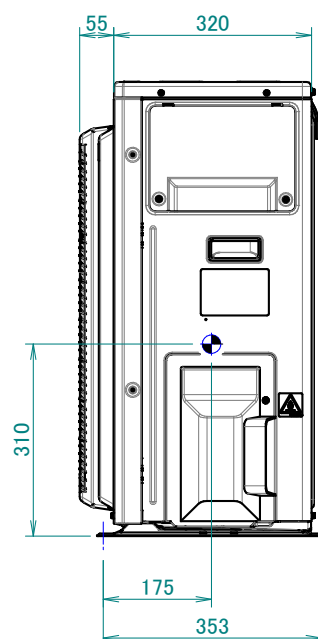
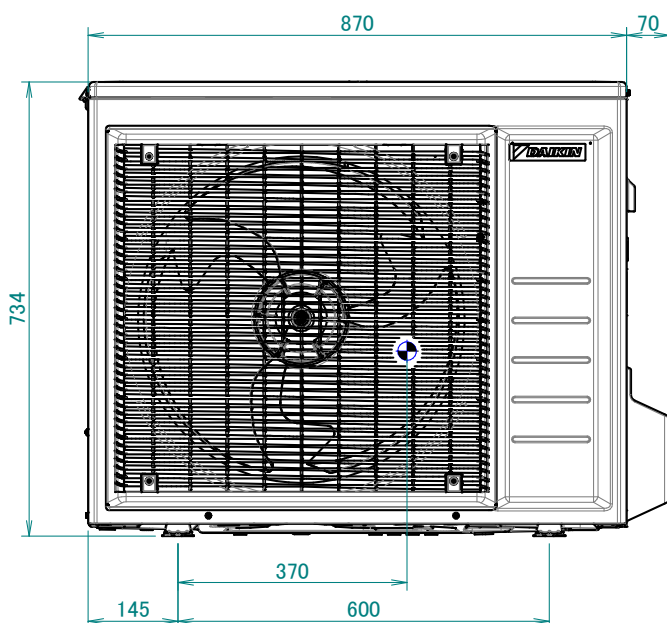
### 6 - 1 Centre of Gravity

#### RXP50N



4D142792

#### RXP60-71N



4D142789

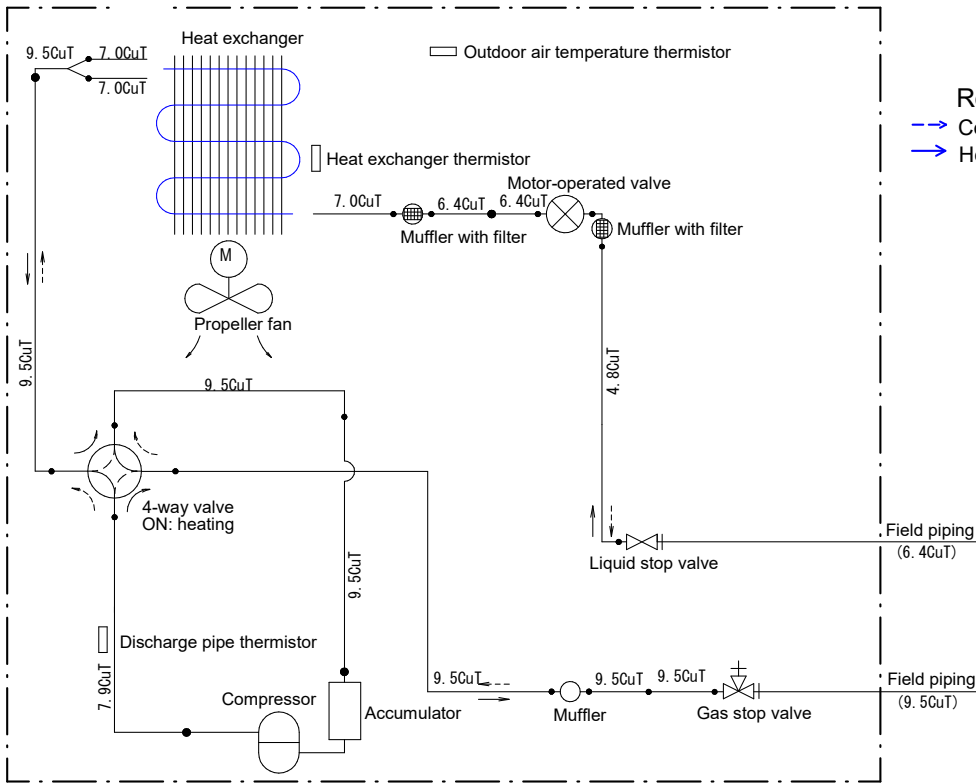
# 7 Piping diagrams

## 7 - 1 Piping Diagrams

7

### RXP20-25N

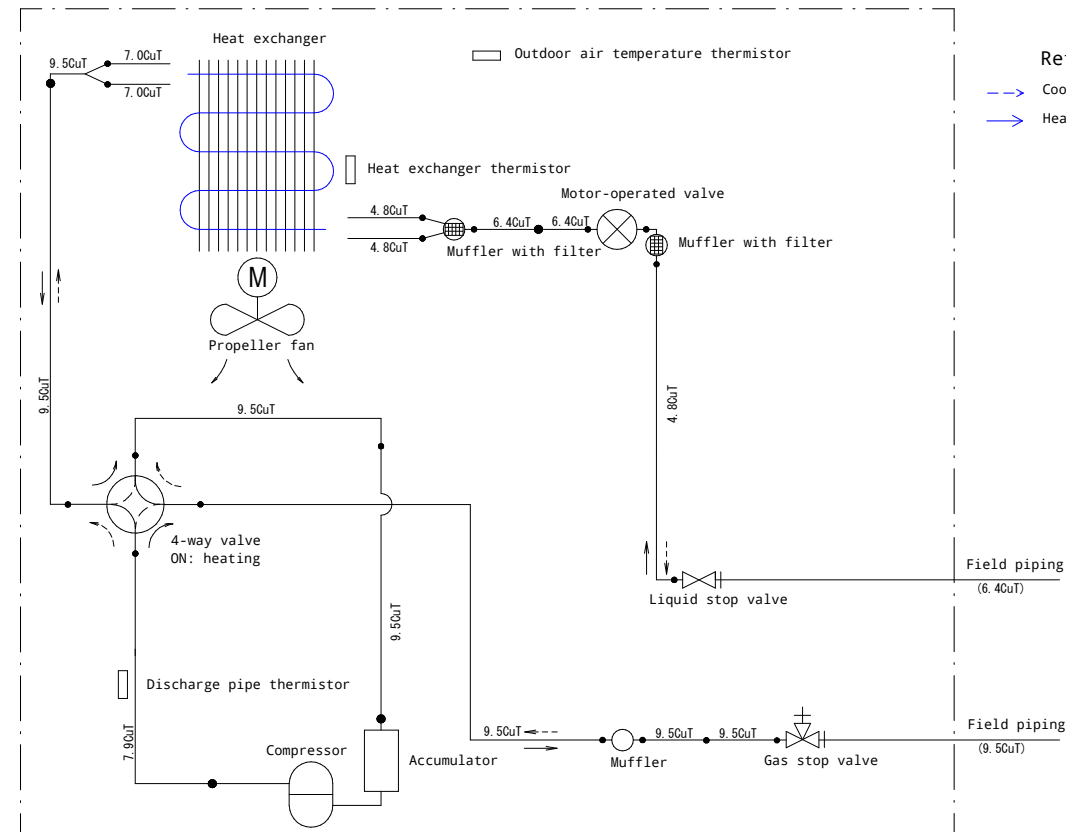
#### Outdoor unit



3D136644

### RXP35N

#### Outdoor unit

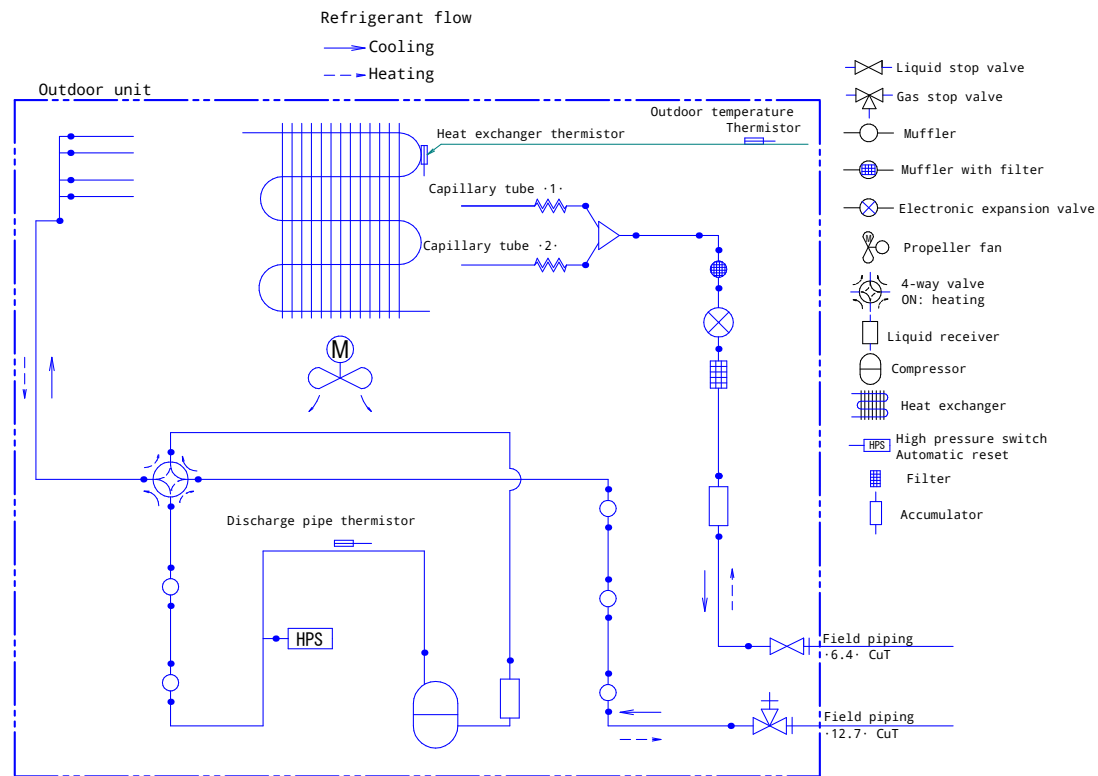


3D143574

# 7 Piping diagrams

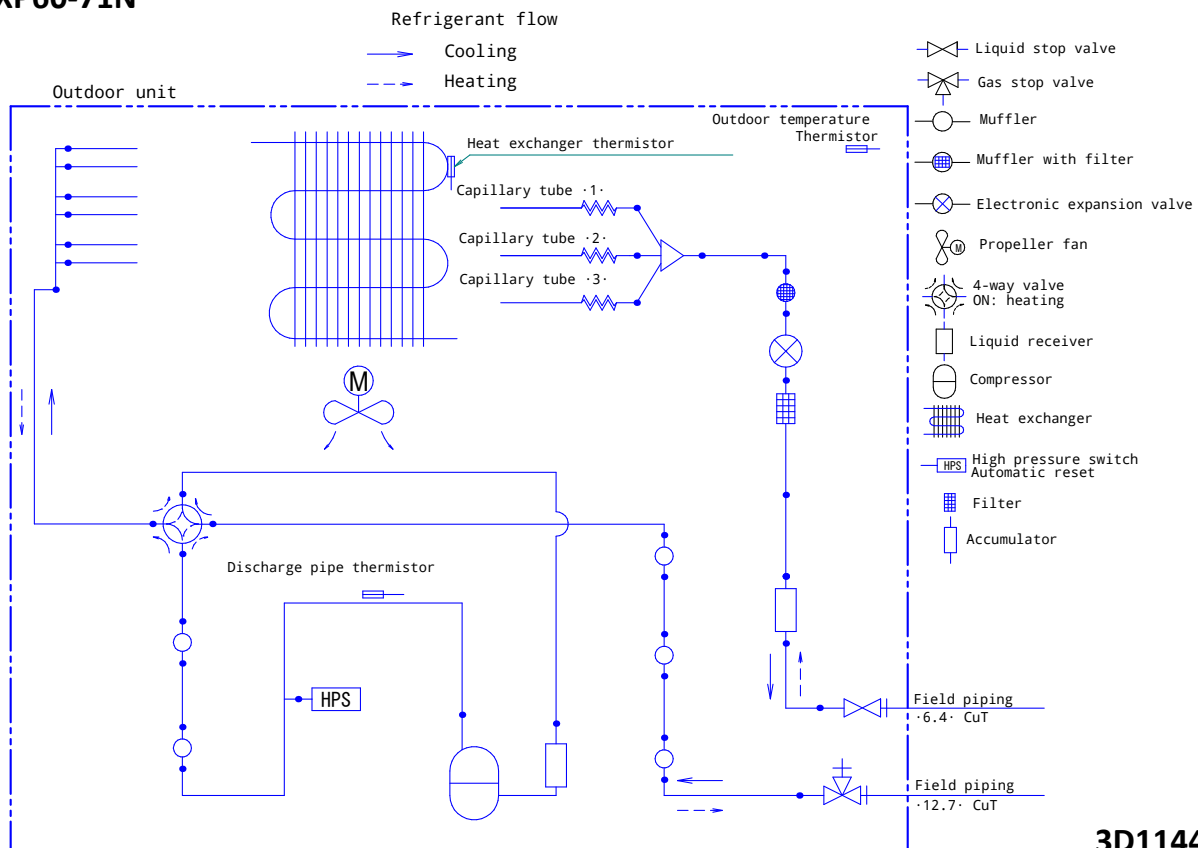
## 7 - 1 Piping Diagrams

### RXP50N



3D114451A

### RXP60-71N

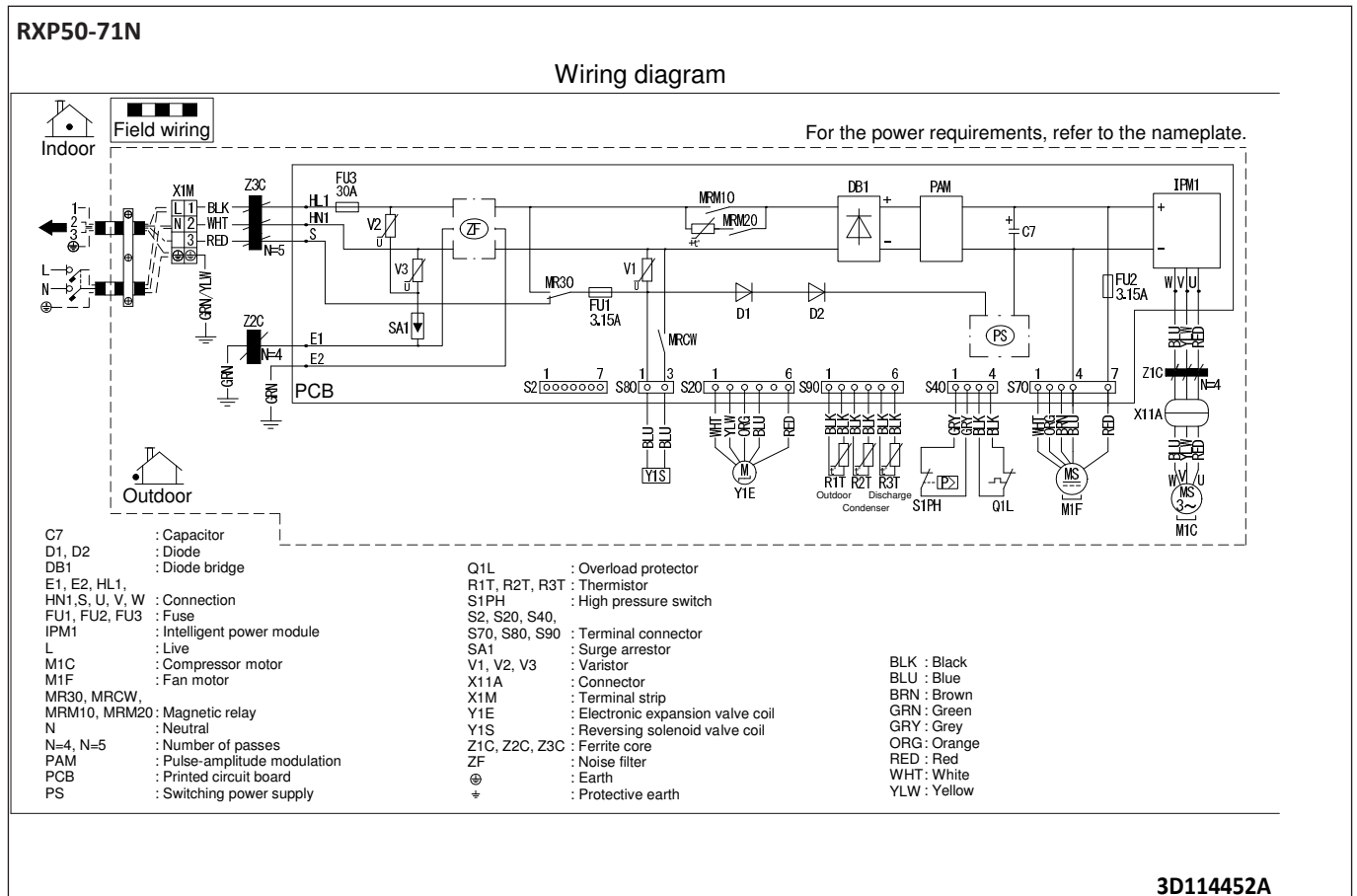
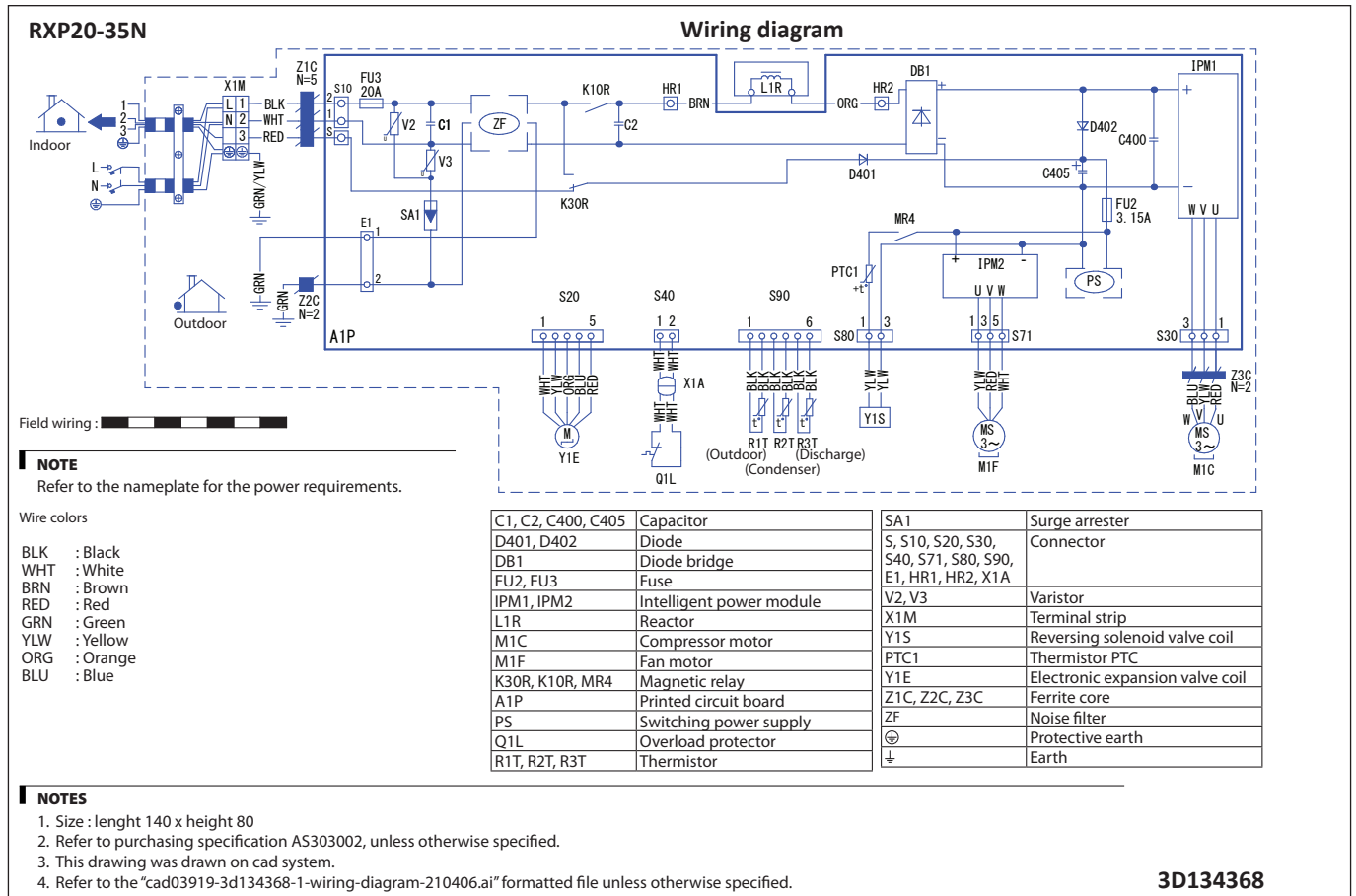


3D114450A

# 8 Wiring diagrams

## 8 - 1 Wiring Diagrams - Three Phase

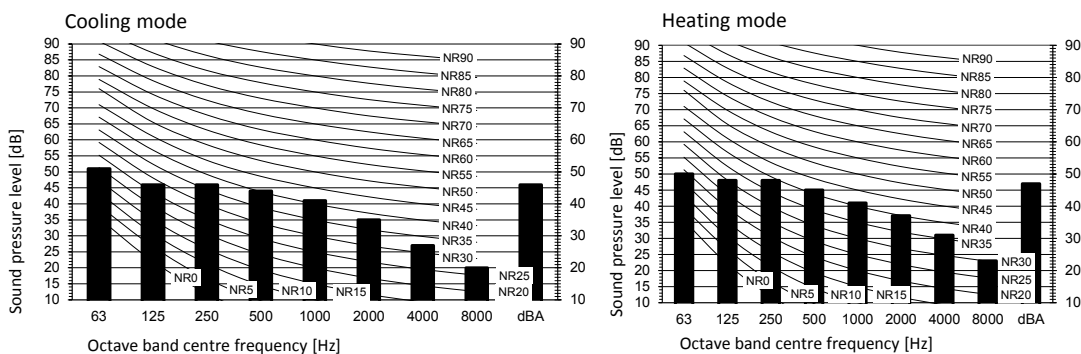
8



# 9 Sound data

## 9 - 1 Sound Pressure Spectrum

### RXP20N



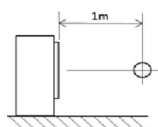
#### Legend

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

A Scale

B High Fan speed

Location of microphone



Cooling

Total dB

| A   | B  |
|-----|----|
| dBA | 46 |

Heating

Total dB

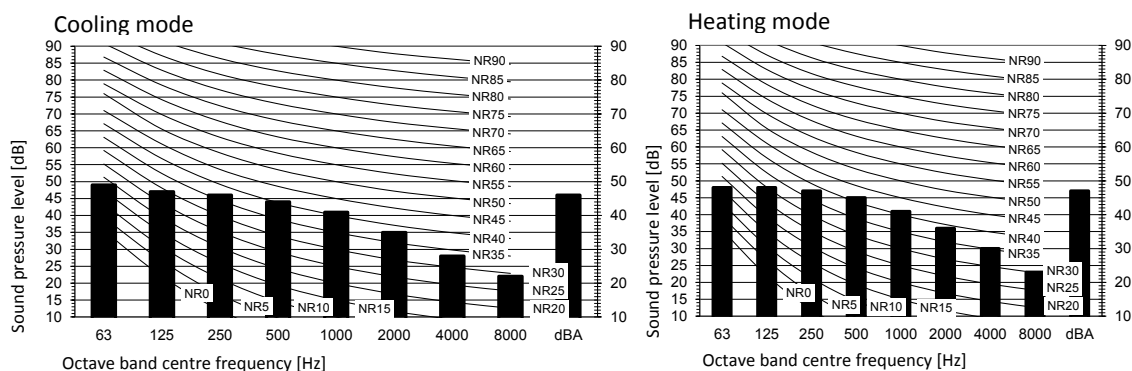
| A   | B  |
|-----|----|
| dBA | 47 |

#### Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
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

3D092072D

### RXP25N



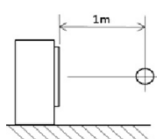
#### Legend

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

A Scale

B High Fan speed

Location of microphone



Cooling

Total dB

| A   | B  |
|-----|----|
| dBA | 46 |

Heating

Total dB

| A   | B  |
|-----|----|
| dBA | 47 |

#### Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
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

3D092073D

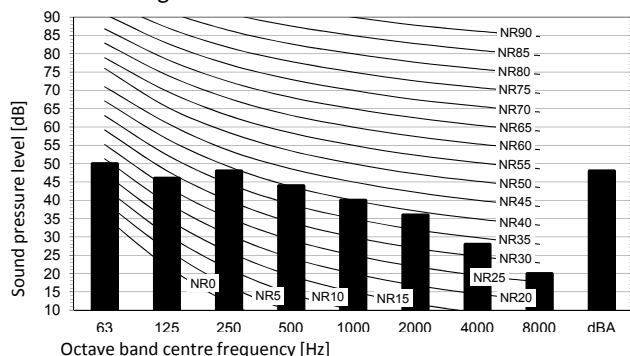
# 9 Sound data

## 9 - 1 Sound Pressure Spectrum

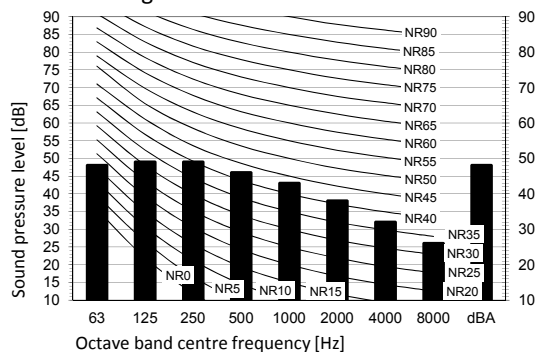
9

### RXP35N

#### Cooling mode



#### Heating mode



#### Legend

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

A Scale

B High

Fan speed

Cooling

Total dB

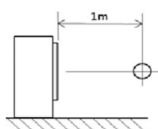
| A   | B  |
|-----|----|
| dBA | 48 |

Heating

Total dB

| A   | B  |
|-----|----|
| dBA | 48 |

Location of microphone



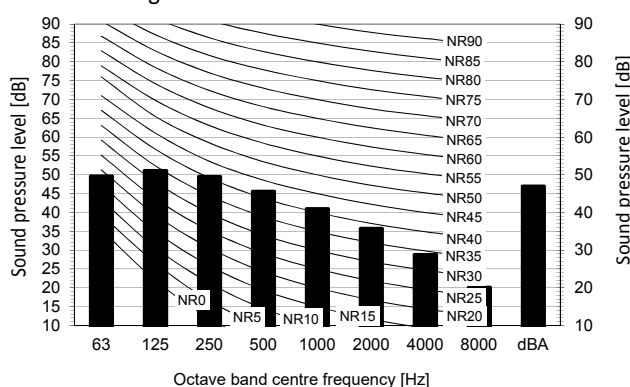
#### Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
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

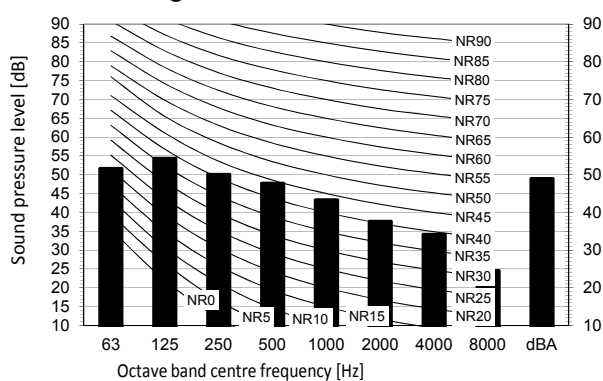
3D092074D

### RXP50N

#### Cooling mode



#### Heating mode



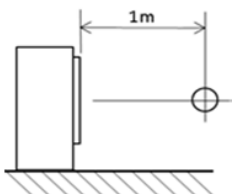
#### Legend

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

A Scale

B Fan speed: High

Location of microphone



Cooling

Total dB

| A   | B  |
|-----|----|
| dBA | 47 |

Heating

Total dB

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

#### Notes

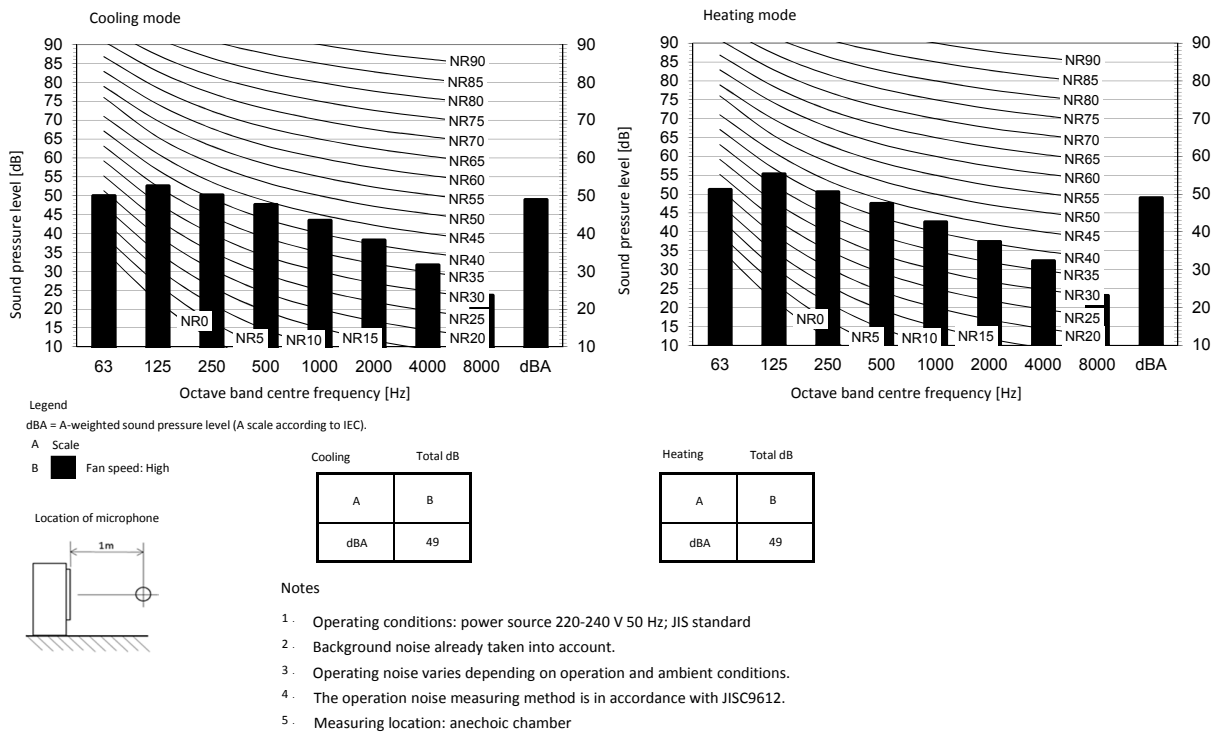
1. Operating conditions: power source 220-240 V 50 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

3D115238A

# 9 Sound data

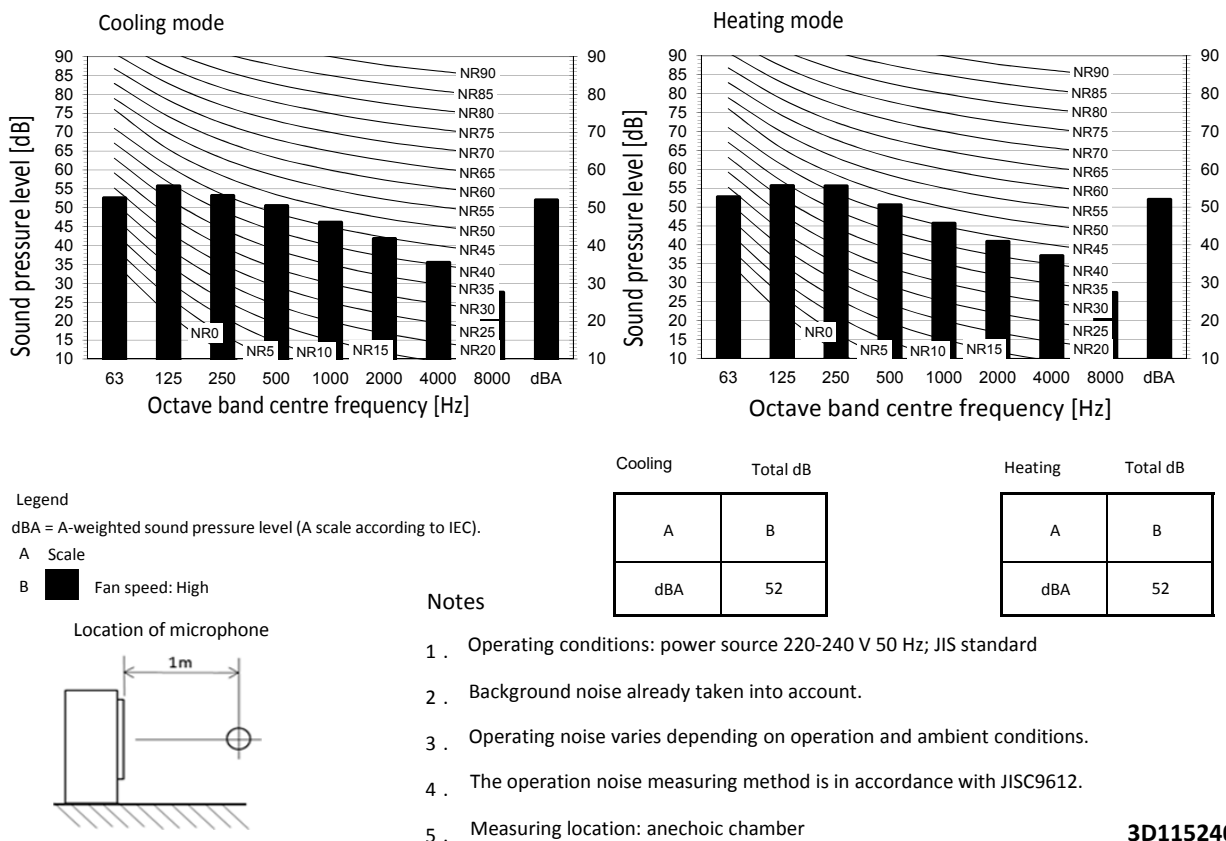
## 9 - 1 Sound Pressure Spectrum

### RXP60N



3D115239A

### RXP71N



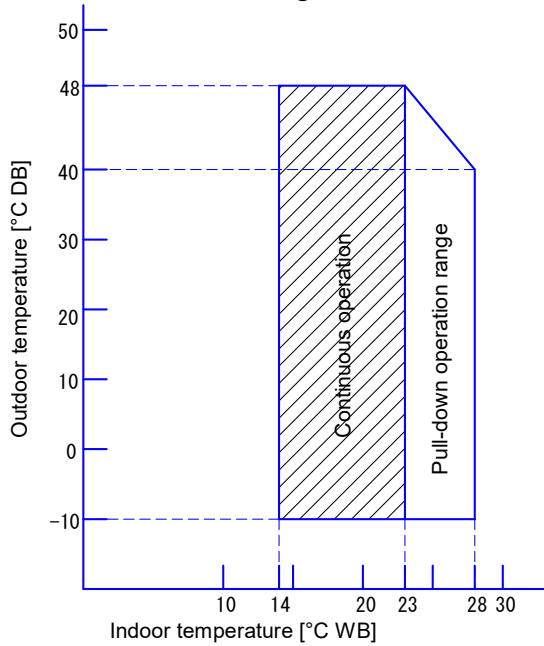
3D115240A

# 10 Operation range

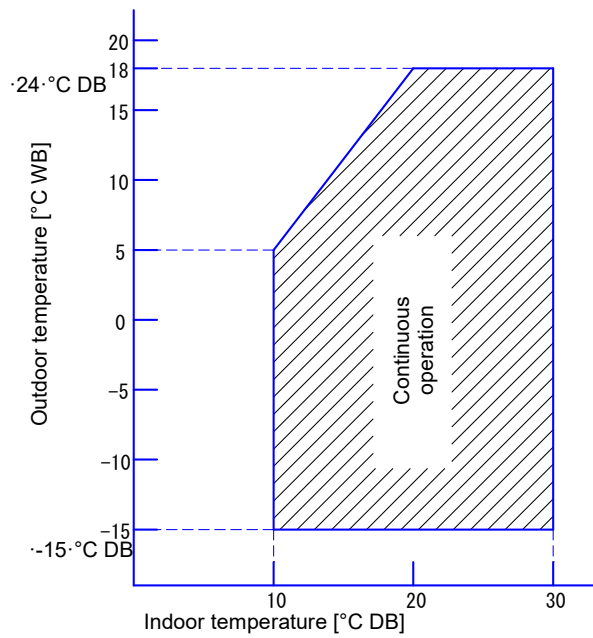
## 10 - 1 Operation Range

### RXP-N

#### Cooling



#### Heating



#### Notes

1. The graphs are based on the following conditions.

Corresponding refrigerant piping length: 5 m

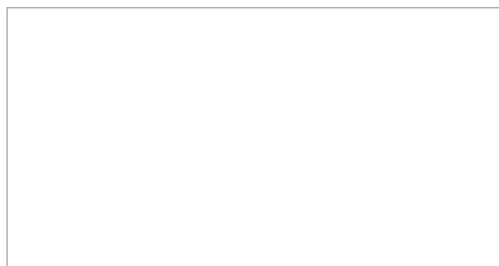
Level difference: 0 m

Air flow rate High

3D669693A

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# Wall mounted unit

## FTXP-N9 + RXP-N9



comfora **INVERTER**



Onecta app



Energy saving during standby mode



3-D air flow



Practically inaudible

Discreet wall mounted unit providing high efficiency and comfort

- › Onecta app
- › Practically inaudible
- › Voice control
- › Silver allergen removal and air purifying filter
- › 3-D airflow: air is blown into all corners of a room
- › Ideal for above door installation

- › Bluevolution range: lower environmental impact
- › Seasonal efficiency values up to A++ in cooling and heating
- › Space saving contemporary wall mounted design

# FTXP-N9 + RXP-N9



| Indoor unit          |                         | FTXP                      |                                        | 20N9                 | 25N9                   | 35N9                   |
|----------------------|-------------------------|---------------------------|----------------------------------------|----------------------|------------------------|------------------------|
| Dimensions           | Unit                    | HeightxWidthxDepth        | mm                                     | 286 x770 x225        |                        |                        |
| Weight               | Unit                    |                           | kg                                     | 9.00                 |                        |                        |
| Air filter           | Type                    |                           |                                        | Removable / washable |                        |                        |
| Fan                  | Air flow rate           | Cooling                   | Silent operation/ Low/Medium/ High     | m³/min               | 4.4 / 5.6 / 7.5 / 9.6  | 4.5 / 6.3 / 8.3 / 11.5 |
|                      |                         | Heating                   | Silent operation / Low / Medium / High | m³/min               | 5.0 / 6.6 / 8.6 / 10.6 | 5.1 / 7.0 / 9.0 / 11.5 |
| Sound power level    | Cooling                 |                           |                                        | dBA                  | 55                     | 58                     |
|                      | Heating                 |                           |                                        | dBA                  | 55                     | 58                     |
| Sound pressure level | Cooling                 | Silent operation/Low/High |                                        | dBA                  | 19 / 25 / 39           | 20 / 27 / 43           |
|                      | Heating                 | Silent operation/Low/High |                                        | dBA                  | 21 / 28 / 39           | 21 / 29 / 40           |
| Control systems      | Infrared remote control |                           |                                        |                      | ARC480A78              |                        |
|                      | Wired remote control    |                           |                                        |                      | BRC073A1               |                        |

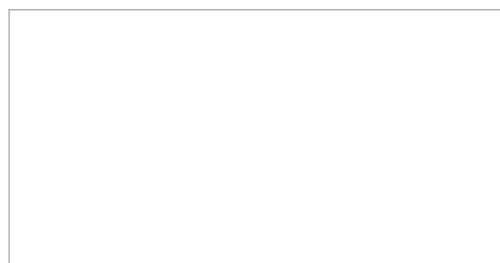
Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m (horizontal) | See separate drawing for electrical data

| Outdoor unit         |                               | RXP                |           | 20N9                                   | 25N9    | 35N9    |
|----------------------|-------------------------------|--------------------|-----------|----------------------------------------|---------|---------|
| Dimensions           | Unit                          | HeightxWidthxDepth | mm        | 556 x740 x343                          |         |         |
| Weight               | Unit                          |                    | kg        | 24                                     |         | 26      |
| Sound power level    | Cooling                       |                    | dBA       | -                                      |         |         |
| Sound pressure level | Cooling                       | High               | dBA       | 46                                     |         | 48      |
|                      | Heating                       | High               | dBA       | 47                                     |         | 48      |
| Operation range      | Cooling                       | Ambient            | Min.~Max. | °CDB                                   | -10 ~48 |         |
|                      | Heating                       | Ambient            | Min.~Max. | °CWB                                   | -15 ~18 |         |
| Refrigerant          | Type                          |                    |           |                                        | R-32    |         |
|                      | GWP                           |                    |           |                                        | 675.0   |         |
|                      | Charge                        |                    |           | kg                                     | 0.55 /- | 0.70 /- |
| Piping connections   | Liquid                        | OD                 |           | mm                                     | 6.4     |         |
|                      | Gas                           | OD                 |           | mm                                     | 9.5     |         |
|                      | Piping length                 | OU - IU            | Max.      | m                                      | 20      |         |
|                      | Additional refrigerant charge |                    | kg/m      | 0.02 (for piping length exceeding 10m) |         |         |
|                      | Level difference IU - OU      |                    | Max.      | m                                      | 12      |         |
| Power supply         | Phase/Frequency/Voltage       |                    | Hz/V      | 1~/50 /220-240                         |         |         |
| Current - 50Hz       | Maximum fuse amps (MFA)       |                    | A         | 16                                     |         |         |

See separate drawing for operation range | See separate drawing for electrical data | Contains fluorinated greenhouse gases

| Efficiency data                 |                           | FTXP + RXP | 20N9 + 20N9      | 25N9 + 25N9       | 35N9 + 35N9       |
|---------------------------------|---------------------------|------------|------------------|-------------------|-------------------|
| Cooling capacity                | Nom.                      | kW         | 1.3 /2.00 /2.6   | 1.3 /2.50 /3.0    | 1.3 /3.50 /4.0    |
| Heating capacity                | Nom./Max.                 | kW         | 1.30 /2.50 /3.50 | 1.30 /3.00 /4.00  | 1.30 /4.00 /4.80  |
| Power input                     | Cooling                   | Min./Max.  | kW               | 0.31 /0.530 /0.72 | 0.29 /1.01 /1.30  |
|                                 | Heating                   | Min.       | kW               | 0.25 /0.520 /0.95 | 0.29 /0.990 /1.29 |
| Space cooling                   | Energy efficiency class   |            |                  | A++               |                   |
|                                 | Capacity                  | Pdesign    | kW               | 2.00              | 3.50              |
|                                 | SEER                      |            |                  | 7.20              |                   |
|                                 | Annual energy consumption |            | kWh/a            | 97                | 170               |
| Space heating (Average climate) | Energy efficiency class   |            |                  | A++               |                   |
|                                 | Capacity                  | Pdesign    | kW               | 2.20              | 2.80              |
|                                 | SCOP/A                    |            |                  | 4.65              | 4.64              |
|                                 | Annual energy consumption |            | kWh/a            | 663               | 845               |

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