

# Specifications

## Console



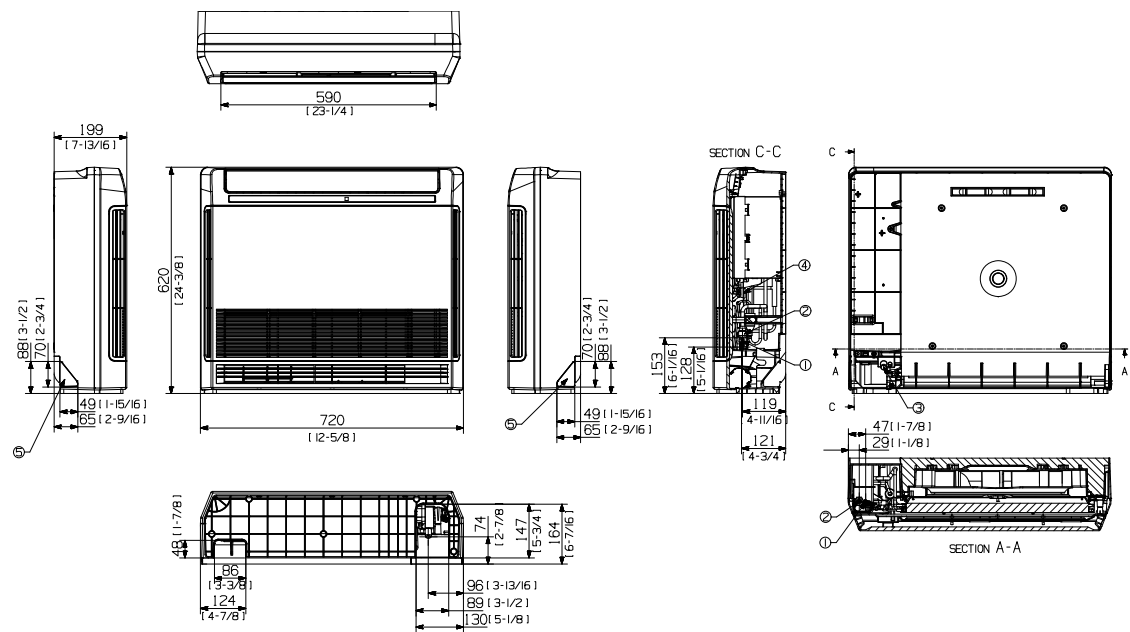
- It can be installed vertically only
- Fan with inverter motor; anti-dust filter included
- Possibility to set a double air supply from the upper and lower grilles during heating
- Communication with "Nasa" protocol
- Integrated Virus Doctor device; WI-FI kit (optional)
- Maximum noiselessness 23 dB(A); 199 mm depth only;
- Power supply: single-phase 220 V - 50 Hz
- Inverter Twin Rotary compressor – outdoor unit (except from 2.6/3.5kW models - Single Rotary)
- Possibility to connect two, three or four indoor units (twin-triple-quadri)

| Model                    | Indoor Unit                                             |            | AC026MNJDKH/EU<br>AC026MXADKH/EU | AC035MNJDKH/EU<br>AC035MXADKH/EU | AC052MNJDKH/EU<br>AC052MXADKH/EU |
|--------------------------|---------------------------------------------------------|------------|----------------------------------|----------------------------------|----------------------------------|
| <b>EAN</b>               | <b>Indoor Unit</b>                                      |            | <b>8806088576725</b>             | <b>8806088576473</b>             | <b>8806088576510</b>             |
|                          | <b>Outdoor Unit</b>                                     |            | <b>8806088576466</b>             | <b>8806088576497</b>             | <b>8806088576794</b>             |
| <b>Cooling</b>           | Std Capacity (Min~Max)                                  | kW         | 2.60 (0.98~3.40)                 | 3.50 (1.15~3.90)                 | 5.00 (1.90~5.50)                 |
|                          | Std Absorption (Min~Max)                                | kW         | 0.70 (0.23~1.20)                 | 1.09 (0.25~1.50)                 | 1.75 (0.25~2.20)                 |
|                          | SEER: Seasonal Energy Efficiency Ratio                  | -          | 6,3                              | 6,1                              | 5,9                              |
|                          | Seasonal Energy Efficiency Class                        | -          | A++                              | A++                              | A+                               |
|                          | Design Heat Load (Pdesignc)                             | kW         | 2,6                              | 3,5                              | 5,0                              |
|                          | Indicative Annual Energy Consumption (Q <sup>CE</sup> ) | kWh/a      | -                                | 201                              | 297                              |
| <b>Heating</b>           | Std Capacity (Min~Max)                                  | kW         | 3.50 (0.95~4.20)                 | 4.00 (1.05~4.60)                 | 5.60 (1.50~6.50)                 |
|                          | Std Absorption (Min~Max)                                | kW         | 1.00 (0.21~1.45)                 | 1.21 (0.21~1.80)                 | 1.73 (0.25~2.50)                 |
|                          | SCOP: Seasonal Coefficient of Performance               | -          | 4,6                              | 4,3                              | 3,8                              |
|                          | Seasonal Energy Efficiency Class                        | -          | A++                              | A+                               | A                                |
|                          | Design Heat Load (Pdesignh)                             | kW         | 2,2                              | 2,2                              | 2,8                              |
|                          | Electric back-up heater capacity elbu (Tj)              | kW         | -                                | -                                | -                                |
|                          | Declared capacity                                       | kW         | 2,2                              | 2,2                              | 2,8                              |
|                          | Indicative annual energy consumption (Q <sup>HE</sup> ) | kWh/a      | -                                | 716                              | 1032                             |
| <b>Indoor Unit</b>       | Dimensions (WxHxD)                                      | mm         | 720x620x199                      | 720x620x199                      | 720x620x199                      |
|                          | Panel Dimensions (WxHxD)                                | mm         | -                                | -                                | -                                |
|                          | Weight                                                  | Kg         | 16,0                             | 16,0                             | 16,2                             |
|                          | Panel Weight                                            | Kg         | -                                | -                                | -                                |
|                          | Treated Air (Max)                                       | m3/min     | 7,5                              | 8,5                              | 9,0                              |
|                          | Static Pressure Min~Std~Max                             | mmH2O      | -                                | -                                | -                                |
|                          | Sound Power Level                                       | dB(A)      | 53                               | 55                               | 60                               |
| <b>Outdoor Unit</b>      | Dimensions (WxHxD)                                      | mm         | 790x548x285                      | 790x548x285                      | 880x638x310                      |
|                          | Weight                                                  | Kg         | 32,8                             | 32,8                             | 43,8                             |
|                          | Sound Power Level                                       | dB(A)      | 59                               | 61                               | 62                               |
|                          | Power Supply                                            | Ø, V, Hz   | 1, 220~240, 50                   | 1, 220~240, 50                   | 1, 220~240, 50                   |
|                          | Operating Range (Cooling)                               | °C         | -15~50                           | -15~50                           | -15~50                           |
|                          | Operating Range (Heating)                               | °C         | -20~24                           | -20~24                           | -20~24                           |
| <b>Installation Data</b> | Liquid/Gas Piping                                       | Ømm (inch) | Ø6.35 (1/4")/9.52 (3/8")         | Ø6.35 (1/4")/9.52 (3/8")         | Ø6.35 (1/4")/12.70 (1/2")        |
|                          | Piping Length Max                                       | m          | 20                               | 20                               | 30                               |
|                          | Maximum Elevation Gap (Indoor/Outdoor Unit)             | m          | 15                               | 15                               | 20                               |
|                          | Maximum Piping Length without Adding Refrigerant        | m          | 20                               | 20                               | 5                                |
|                          | Additional Refrigerant Charging                         | g/m        | 0                                | 0                                | 10                               |
| <b>Refrigerant</b>       | Refrigerant Type                                        | -          | R-410A                           | R-410A                           | R-410A                           |
|                          | GWP: Global warming potential of the used refrigerant   | -          | 2088                             | 2088                             | 2088                             |
|                          | Factory Charging                                        | Kg         | 1,05                             | 1,05                             | 1,30                             |
|                          | Ton equivalent Co <sub>2</sub>                          | tCo2Eq     | 2,19                             | 2,19                             | 2,71                             |

# Dimensional Drawings

## Console

AC026/035/052MNJDKH/EU



| Pos. | Name                                           | Model                |                                  |
|------|------------------------------------------------|----------------------|----------------------------------|
|      |                                                | AC026MNJDKH/EU       | AC035MNJDKH/EU<br>AC052MNJDKH/EU |
| 1    | Liquid piping                                  | ø 6,35 mm (1/4")     |                                  |
| 2    | Gas piping                                     | ø 9,52mm (3/8")      | ø 12,7 mm (1/2")                 |
| 3    | Condensation drain piping                      | ID18mm [11/16"] Hose |                                  |
| 4    | Power supply cables connection / communication | -                    |                                  |
| 5    | Condensation drain piping                      | -                    |                                  |