

# 4-way blow ceiling suspended unit

Unique Daikin unit for high rooms with no false ceilings nor free floor space

- › Combination with Seasonal Smart ensures best in class quality, highest efficiency and performance
- › Even rooms with ceilings up to 3.5m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Unified range for R-32 and R-410A
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011) blends easily with any interior
- › Optimum comfort guaranteed with automatic air flow adjustment to the required load
- › 5 different discharge angles between 0 and 60° can be programmed via the remote control
- › Standard drain pump with 500mm lift increases flexibility and installation speed



| Efficiency data                               |                           |                               |                 | FUA + RZQG | 71A + 71L9V1                                       | 100A + 100L9V1  | 125A + 125L9V1  | 71A + 71L8Y1    | 100A + 100L8Y1  | 125A + 125L8Y1  |  |
|-----------------------------------------------|---------------------------|-------------------------------|-----------------|------------|----------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|
| Cooling capacity                              | Nom.                      |                               |                 | kW         | 6.80                                               | 9.50            | 12.0            | 6.80            | 9.50            | 12.0            |  |
| Heating capacity                              | Nom.                      |                               |                 | kW         | 7.50                                               | 10.8            | 13.5            | 7.50            | 10.8            | 13.5            |  |
| Power input                                   | Cooling                   | Nom.                          |                 | kW         | 1.68                                               | 2.46            | 3.54            | 1.68            | 2.46            | 3.54            |  |
|                                               | Heating                   | Nom.                          |                 | kW         | 1.84                                               | 2.73            | 3.95            | 1.84            | 2.73            | 3.95            |  |
| Seasonal efficiency<br>(according to EN14825) | Cooling                   | Energy efficiency class       |                 |            | A++                                                |                 | A+              | A++             |                 | A+              |  |
|                                               |                           | Pdesign                       | kW              | 6.80       | 9.50                                               | 12.0            | 6.80            | 9.50            | 12.0            |                 |  |
|                                               |                           | SEER                          |                 | 6.42       | 6.11                                               | 5.61            | 6.42            | 6.11            | 5.61            |                 |  |
|                                               | Heating (Average climate) | Annual energy consumption     |                 | kWh        | 371                                                | 545             | 749             | 371             | 545             | 749             |  |
|                                               |                           | Energy efficiency class       |                 |            | A+                                                 |                 |                 |                 |                 |                 |  |
|                                               |                           | Pdesign                       | kW              | 7.60       | 11.3                                               | 14.1            | 7.60            | 11.3            | 14.1            |                 |  |
|                                               |                           | SCOP/A                        |                 | 4.20       | 4.50                                               | 4.44            | 4.20            | 4.50            | 4.44            |                 |  |
|                                               |                           | Annual energy consumption     | kWh             | 2,534      | 3,516                                              | 4,456           | 2,534           | 3,516           | 4,456           |                 |  |
| Nominal efficiency                            | EER                       |                               |                 |            | 4.05                                               | 3.86            | 3.39            | 4.05            | 3.86            | 3.39            |  |
|                                               | COP                       |                               |                 |            | 4.08                                               | 3.95            | 3.42            | 4.08            | 3.95            | 3.42            |  |
|                                               | Annual energy consumption |                               | kWh             | 840        | 1,230                                              | 1,770           | 840             | 1,230           | 1,770           |                 |  |
|                                               | Energy labeling Directive | Cooling/Heating               |                 |            | A/A                                                |                 | A/B             | A/A             |                 | A/B             |  |
| Indoor unit                                   |                           |                               |                 | FUA        | 71A                                                | 100A            | 125A            | 71A             | 100A            | 125A            |  |
| Dimensions                                    | Unit                      | HeightxWidthxDepth            |                 | mm         | 198x950x950                                        |                 |                 |                 |                 |                 |  |
| Weight                                        | Unit                      |                               |                 | kg         | 25.0                                               | 26.0            |                 | 25.0            | 26.0            |                 |  |
| Air filter                                    | Type                      |                               |                 |            | Resin net                                          |                 |                 |                 |                 |                 |  |
| Fan                                           | Air flow rate             | Cooling                       | Low/Medium/High | m³/min     | 16.0/19.5 /23.0                                    | 20.0/25.5 /31.0 | 20.5/26.5 /32.5 | 16.0/19.5 /23.0 | 20.0/25.5 /31.0 | 20.5/26.5 /32.5 |  |
|                                               |                           | Heating                       | Low/Medium/High | m³/min     | 16.0/19.5 /23.0                                    | 20.0/25.5 /31.0 | 20.5/26.5 /32.5 | 16.0/19.5 /23.0 | 20.0/25.5 /31.0 | 20.5/26.5 /32.5 |  |
| Sound power level                             | Cooling                   |                               |                 | dBA        | 59                                                 | 64              | 65              | 59              | 64              | 65              |  |
|                                               | Heating                   |                               |                 | dBA        | 59                                                 | 64              | 65              | 59              | 64              | 65              |  |
| Sound pressure level                          | Cooling                   | Low/High                      |                 | dBA        | 35/41                                              | 39/46           | 40/47           | 35/41           | 39/46           | 40/47           |  |
|                                               | Heating                   | Low/High                      |                 | dBA        | 35/41                                              | 39/46           | 40/47           | 35/41           | 39/46           | 40/47           |  |
| Control systems                               | Wired remote control      |                               |                 |            | BRC1H51 / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52 |                 |                 |                 |                 |                 |  |
| Power supply                                  | Phase/Frequency/Voltage   |                               |                 | Hz/V       | 1~/50/60 / 220-240/220                             |                 |                 |                 |                 |                 |  |
| Outdoor unit                                  |                           |                               |                 | RZQG       | 71L9V1                                             | 100L9V1         | 125L9V1         | 71L8Y1          | 100L8Y1         | 125L8Y1         |  |
| Dimensions                                    | Unit                      | HeightxWidthxDepth            |                 | mm         | 990x940x320                                        |                 | 1,430x940x320   | 990x940x320     |                 | 1,430x940x320   |  |
| Weight                                        | Unit                      |                               |                 | kg         | 69                                                 | 95              |                 | 80              | 101             |                 |  |
| Sound power level                             | Cooling                   |                               |                 | dBA        | 64                                                 | 66              | 67              | 64              | 66              | 67              |  |
| Sound pressure level                          | Cooling                   | Nom.                          |                 | dBA        | 48                                                 | 50              | 51              | 48              | 50              | 51              |  |
|                                               | Heating                   | Nom.                          |                 | dBA        | 50                                                 | 52              | 53              | 50              | 52              | 53              |  |
| Operation range                               | Cooling                   | Ambient                       | Min.~Max.       | °CDB       | -15~-50                                            |                 |                 |                 |                 |                 |  |
|                                               | Heating                   | Ambient                       | Min.~Max.       | °CWB       | -20~-15.5                                          |                 |                 |                 |                 |                 |  |
| Refrigerant                                   | Type/GWP                  |                               |                 |            | R-410A/2,087.5                                     |                 |                 |                 |                 |                 |  |
| Piping connections                            | Charge                    |                               |                 | kg/TCO2Eq  | 2.9/6.1                                            | 4.0/8.4         |                 | 2.9/6.1         | 4.0/8.4         |                 |  |
|                                               | Liquid/Gas                |                               |                 | mm         | 9.52/15.9                                          |                 |                 |                 |                 |                 |  |
|                                               | Piping length             | OU - IU                       | Max.            | m          | 50                                                 | 75              |                 | 50              | 75              |                 |  |
|                                               |                           | System                        | Equivalent      | m          | 70                                                 | 90              |                 | 70              | 90              |                 |  |
|                                               |                           | Chargeless                    |                 | m          | 30                                                 |                 |                 |                 |                 |                 |  |
|                                               |                           | Additional refrigerant charge |                 | kg/m       | See installation manual                            |                 |                 |                 |                 |                 |  |
|                                               | Level difference          | IU - OU                       | Max.            | m          | 30.0                                               |                 |                 |                 |                 |                 |  |
| Power supply                                  | Phase/Frequency/Voltage   |                               |                 | Hz/V       | 1~/50/220-240                                      |                 |                 | 3N~/50/380-415  |                 |                 |  |
| Current - 50Hz                                | Maximum fuse amps (MFA)   |                               |                 | A          | 25                                                 | 40              |                 | 16              | 25              |                 |  |

MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). For more detailed information on each combination, please refer to the electrical data drawing.