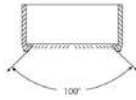


# Ceiling suspended unit

For wide rooms with no false ceilings nor free floor space

- › Combination with Sky Air Advance-series ensures good value for money for all types of commercial applications
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle



- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be installed in both new and refurbishment projects
- › Can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space



- › Reduced energy consumption thanks to specially developed DC fan motor
- › 5 different fan speeds available for maximum comfort



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

| Efficiency data                    |                           | FHA + RZAG   |                 |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
|------------------------------------|---------------------------|--|-----------------|----------------|--|----------------|---------------|-------------------------|--------------|---------------|---------------|---------------|-----------|----------|--|-----------|--|
|                                    |                           | 35A9 + 35A   | 50A9 + 50A      | 60A9 + 60A     | 71A9 + 71NV1                           | 100A + 100NV1  | 125A + 125NV1 | 140A + 140NV1           | 71A9 + 71NY1 | 100A + 100NY1 | 125A + 125NY1 | 140A + 140NY1 |           |          |  |           |  |
| Cooling capacity                   | Min./Nom./Max.            | kW   |                 | 1.70/3.50/4.50 | 1.70/5.00/6.00                         | 1.90/6.00/6.80 | -/6.80/-      | -/9.50/-                | -/12.1/-     | -/13.4/-      | -/6.80/-      | -/9.50/-      | -/12.1/-  | -/13.4/- |  |           |  |
| Heating capacity                   | Min./Nom./Max.            | kW   |                 | 1.40/4.00/5.50 | 1.70/5.80/6.50                         | 1.70/7.00/7.50 | -/7.50/-      | -/10.8/-                | -/13.5/-     | -/15.5/-      | -/7.50/-      | -/10.8/-      | -/13.5/-  | -/15.5/- |  |           |  |
| Space cooling                      | Energy efficiency class   | A++  |                 |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
|                                    | Capacity Pdesign          | kW   |                 | 3.50           | 5.00                                   | 6.00           | 6.80          | 9.50                    | 12.1         | 13.4          | 6.80          | 9.50          | 12.1      | 13.4     |  |           |  |
|                                    | SEER                      |  |                 | 6.40           | 6.80                                   | 6.60           | 7.11          | 6.42                    | 7.14         | 6.42          | 7.11          | 6.42          | 7.14      | 6.42     |  |           |  |
|                                    | ηs,c                      | %  |                 | -              |  |                |               | 283                     | 254          | -             |               | 283           | 254       |          |  |           |  |
|                                    | Annual energy consumption | kWh/a  |                 | 191            | 257                                    | 318            | 335           | 518                     | 1,017        | 1,253         | 335           | 518           | 1,017     | 1,253    |  |           |  |
| Space heating<br>(Average climate) | Energy efficiency class   | A+   |                 |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
|                                    | Capacity Pdesign          | kW   |                 | 3.10           | 4.00                                   | 4.60           | 4.70          | 7.80                    | 9.52         |               | 4.70          | 7.80          | 9.52      |          |  |           |  |
|                                    | SCOP/A                    |  |                 | 4.10           | 4.30                                   | 4.20           | 4.32          | 4.61                    | 4.20         | 4.30          | 4.32          | 4.61          | 4.20      | 4.30     |  |           |  |
|                                    | ηs,h                      | %  |                 | -              |  |                |               | 165                     | 169          | -             |               | 165           | 169       |          |  |           |  |
|                                    | Annual energy consumption | kWh/a  |                 | 1,058          | 1,302                                  | 1,633          | 1,523         | 2,369                   | 3,174        | 3,100         | 1,523         | 2,369         | 3,174     | 3,100    |  |           |  |
| Indoor unit                        |                           | FHA  |                 |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
| Dimensions                         | Unit                      | HeightxWidthxDpeth                                       | mm              |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
| Weight                             | Unit                      | kg   |                 |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
| Air filter                         | Type                      | Resinnet   |                 |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
| Fan                                | Air flow rate             | Cooling  | Low/Medium/High | m³/min         |  |                |               |                         |              |               |               |               |           |          |  |           |  |
|                                    | Heating                   | Low/Medium/High  | m³/min          |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
| Sound power level                  | Cooling                   | dBA  |                 | 53             | 54                                     | 55             | 60            | 62                      | 64           | 55            | 60            | 62            | 64        |          |  |           |  |
|                                    | Heating                   | dBA  |                 | 31/34/36       | 32/35/37                               | 33/35/37       | 34/36/38      | 34/38/42                | 37/41/44     | 38/42/46      | 34/36/38      | 34/38/42      | 37/41/44  | 38/42/46 |  |           |  |
| Sound pressure level               | Cooling                   | dBA  |                 | 31/34/36       | 32/35/37                               | 33/35/37       | 34/36/38      | 34/38/42                | 37/41/44     | 38/42/46      | 34/36/38      | 34/38/42      | 37/41/44  | 38/42/46 |  |           |  |
|                                    | Heating                   | dBA  |                 | 31/34/36       | 32/35/37                               | 33/35/37       | 34/36/38      | 34/38/42                | 37/41/44     | 38/42/46      | 34/36/38      | 34/38/42      | 37/41/44  | 38/42/46 |  |           |  |
| Control systems                    | Infrared remote control   | BRC7GA53 / BRC7GA56                                      |                 |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
|                                    | Wired remote control      | BRC1E53A7 / BRC1E53B7 / BRC1E53C7 / BRC1D528 / BRC1E51A7 |                 |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
| Power supply                       | Phase/Frequency/Voltage   | Hz/V   |                 | 1~/50/220-240  |  |                |               |                         |              |               |               |               |           |          |  |           |  |
| Outdoor unit                       |                           | RZAG   |                 |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
| Dimensions                         | Unit                      | HeightxWidthxDpeth                                       | mm              |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
| Weight                             | Unit                      | kg   |                 |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
| Sound power level                  | Cooling                   | dBA  |                 | 62.0           | 63.0                                   | 64.0           | 64            | 66                      | 69           | 70            | 64            | 66            | 69        | 70       |  |           |  |
|                                    | Heating                   | dBA  |                 | 62.0           | 63.0                                   | 64.0           | -             | -                       | 68           | 71            | -             | -             | 68        | 71       |  |           |  |
| Sound pressure level               | Cooling                   | dBA  |                 | 48.0           | 49.0                                   | 50.0           | 46            | 47                      | 49           | 50            | 46            | 47            | 49        | 50       |  |           |  |
|                                    | Heating                   | dBA  |                 | 48.0           | 49.0                                   | 50.0           | 48            | 50                      | 52           |               | 48            | 50            | 52        |          |  |           |  |
| Operation range                    | Cooling                   | Ambient  | Min.~Max.       | °CDB           |  |                |               |                         |              |               |               |               |           |          |  |           |  |
|                                    | Heating                   | Ambient  | Min.~Max.       | °CWB           |  |                |               |                         |              |               |               |               |           |          |  |           |  |
| Refrigerant                        | Type/GWP                  | R-32/675.0   |                 |                |  |                |               |                         |              |               |               |               |           |          |  |           |  |
|                                    | Charge                    | kg/TCO2Eq  |                 | 1.55/1.05      |  |                | 3.20/2.16     |                         |              | 3.70/2.50     |               |               | 3.20/2.16 |          |  | 3.70/2.50 |  |
| Piping connections                 | Liquid/Gas OD             | mm   |                 | 6.35/9.50      |  |                | 6.35/12.7     |                         |              | 9.52/15.9     |               |               |           |          |  |           |  |
|                                    | Piping length             | OU - IU  | Max.            | m              |  | 50             |               | 75                      |              | 85            |               | 75            |           | 85       |  |           |  |
|                                    |                           | System   | Equivalent      | m              |  | -              |               | -                       |              | 100           |               | 100           |           | 100      |  |           |  |
|                                    |                           |  | Chargeless      | m              |  | 30             |               | 40                      |              |               |               |               |           |          |  |           |  |
|                                    |                           | Additional refrigerant charge                            | kg/m            |                | 0.02 (for piping length exceeding 30m) |                |               | See installation manual |              |               |               |               |           |          |  |           |  |
| Power supply                       | Phase/Frequency/Voltage   | Hz/V   |                 | 1~/50/220-240  |  |                |               |                         |              |               |               |               |           |          |  |           |  |
| Current - 50Hz                     | Maximum fuse amps (MFA)   | A  |                 | -              |  |                | 20            |                         |              | 32            |               |               | 16        |          |  |           |  |

Contains fluorinated greenhouse gases