

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
- › 5 different fan speeds available for maximum comfort
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible



| Efficiency data | | FHA + RZASG | 71A9 + 71MV1 | 100A + 100MV1 | 125A + 125MV1 | 140A + 140MV1 | 100A + 100MY1 | 125A + 125MY1 | 140A + 140MY1 | | |
|---------------------------------|-------------------------------|----------------------|-----------------------|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Cooling capacity | Nom. | kW | 6.80 | 9.50 | 12.1 | 13.4 | 9.50 | 12.1 | 13.4 | | |
| Heating capacity | Nom. | kW | 7.50 | 10.8 | 13.5 | 15.5 | 10.8 | 13.5 | 15.5 | | |
| Space cooling | Energy efficiency class | | A+ | | - | | A+ | | - | | |
| | Capacity | Pdesign | kW | 6.80 | 9.50 | 12.1 | 13.4 | 9.50 | 12.1 | 13.4 | |
| | SEER | | | 5.95 | 5.83 | 5.88 | 5.83 | 5.88 | 5.88 | | |
| | ηs,c | % | | - | 230 | 232 | - | 230 | 232 | | |
| | Annual energy consumption | | kWh/a | 400 | 570 | 1,246 | 1,368 | 570 | 1,246 | 1,368 | |
| Space heating (Average climate) | Energy efficiency class | | A | | - | | A | | - | | |
| | Capacity | Pdesign | kW | 4.50 | 6.00 | 7.80 | 6.00 | 7.80 | | | |
| | SCOP/A | | | 3.90 | 3.91 | 3.83 | 3.81 | 3.91 | 3.83 | 3.81 | |
| | ηs,h | % | | - | 150 | 149 | - | 150 | 149 | | |
| | Annual energy consumption | | kWh/a | 1,616 | 2,148 | 2,193 | 2,866 | 2,148 | 2,193 | 2,866 | |
| Indoor unit | | FHA | 71A9 | 100A | 125A | 140A | 100A | 125A | 140A | | |
| Dimensions | Unit | HeightxWidthxDensity | mm | 235x1,270x690 | | 235x1,590x690 | | | | | |
| Weight | Unit | | kg | 32 | 38.0 | | | | | | |
| Air filter | Type | | | Resin net | | | | | | | |
| Fan | Air flow rate | Cooling | Low/Medium/High | m ³ /min | 14.0/17.0/20.5 | 20.0/24.0/28.0 | 23.0/27.0/31.0 | 24.0/29.0/34.0 | 20.0/24.0/28.0 | 23.0/27.0/31.0 | 24.0/29.0/34.0 |
| | | Heating | Low/Medium/High | m ³ /min | 14.0/17.0/20.5 | 20.0/24.0/28.0 | 23.0/27.0/31.0 | 24.0/29.0/34.0 | 20.0/24.0/28.0 | 23.0/27.0/31.0 | 24.0/29.0/34.0 |
| Sound power level | Cooling | | | dB(A) | 55.0 | 60 | 62 | 64 | 60 | 62 | 64 |
| Sound pressure level | Cooling | Low/High | | dB(A) | 34.0/38.0 | 34/42 | 37/44 | 38/46 | 34/42 | 37/44 | 38/46 |
| | Heating | Nom./High | | dB(A) | 36.0/38.0 | 38/42 | 41/44 | 42/46 | 38/42 | 41/44 | 42/46 |
| Control systems | Infrared remote control | | | BRC7GA53-9 | | | | | | | |
| | Wired remote control | | | BRC1H519W7/S7/K7 / BRC1E53A/B/C / BRC1D52 | | | | | | | |
| Power supply | Phase/Frequency/Voltage | | Hz/V | 1~/50/220-240 | | | | | | | |
| Outdoor unit | | RZASG/RZASG | 71MV1 | 100MV1 | 125MV1 | 140MV1 | 100MY1 | 125MY1 | 140MY1 | | |
| Dimensions | Unit | HeightxWidthxDensity | mm | 770x900x320 | | 990x940x320 | | | | | |
| Weight | Unit | | kg | 60 | 70 | 78 | 70 | 71 | 77 | | |
| Sound power level | Cooling | | | dB(A) | 65 | 70 | 71 | 70 | 71 | 73 | |
| | Heating | | | dB(A) | - | - | 71 | 73 | 71 | 73 | |
| Sound pressure level | Cooling | Nom. | | dB(A) | 46 | 53 | 54 | 53 | 54 | | |
| | Heating | Nom. | | dB(A) | 47 | - | - | 57 | - | | |
| Operation range | Cooling | Ambient | Min.~Max. | °CDB | -15~46 | | | | | | |
| | Heating | Ambient | Min.~Max. | °CWB | -15~-15.5 | | | | | | |
| Refrigerant | Type/GWP | | | R-32/675 | | | | | | | |
| | Charge | | kg/CO ₂ Eq | 2.45/1.65 | 2.60/1.76 | 2.90/1.96 | 2.60/1.76 | 2.90/1.96 | | | |
| Piping connections | Liquid/Gas | OD | mm | 9.52/15.9 | | | | | | | |
| | Piping length | OU - IU | Max. | m | 50 | | | | | | |
| | | System | Equivalent | m | 70 | | | | | | |
| | | 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 | | | | 3~/50/380-415 | | | |
| Current - 50Hz | Maximum fuse amps (MFA) | | A | 20 | 25 | 32 | 16 | 16 | | | |