



Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with Sky Air Advance-series ensures good value for money for all types of commercial applications
- › Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs.
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- › Bigger flaps and unique swing pattern improve equal air distribution
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Standard drain pump with 675mm lift increases flexibility and installation speed



| Efficiency data | | FCAG + RZASG | 71B + 71MV1 | 100B + 100MV1 | 125B + 125MV1 | 140B + 140MV1 | 100B + 100MY1 | 125B + 125MY1 | 140B + 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 | | 6.47 | 6.55 | 5.76 | 6.53 | 6.55 | 5.76 | 6.53 | |
| | ηs,c | | % | - | 227 | 258 | - | 227 | 258 | |
| Annual energy consumption | | kWh/a | 368 | 507 | 1,261 | 1,231 | 507 | 1,261 | 1,231 | |
| Space heating (Average climate) | Energy efficiency class | | A+ | | | - | | A+ | | - |
| | Capacity | Pdesign | kW | 4.50 | 6.00 | 7.80 | 6.00 | 7.80 | 6.00 | |
| | SCOP/A | | 4.10 | 4.17 | 4.05 | 4.31 | 4.17 | 4.05 | 4.31 | |
| | ηs,h | | % | - | 159 | 169 | - | 159 | 169 | |
| Annual energy consumption | | kWh/a | 1,537 | 2,016 | 2,074 | 2,534 | 2,016 | 2,074 | 2,534 | |
| Indoor unit | | FCAG | 71B | 100B | 125B | 140B | 100B | 125B | 140B | |
| Dimensions | Unit | HeightxWidthxDepth | 204x840x840 | | | 246x840x840 | | | | |
| Weight | Unit | kg | 21 | 23 | | | | | | |
| Air filter | Type | | Resin net | | | | | | | |
| Decoration panel | Model | | Standard panels: BYCQ140E - white with grey louvers / BYCQ140EW - full white / BYCQ140EB - black Auto cleaning panels: BYCQ140EGF - white / BYCQ140EGFB - black Designer panels: BYCQ140EP - white / BYCQ140EPB - black | | | | | | | |
| | Dimensions | HeightxWidthxDepth | 65x950x950x148x950x950x106x950x950 | | | | | | | |
| | Weight | kg | 5.5/10.3/6.5 | | | | | | | |
| Fan | Air flow rate | Cooling | Low/Medium/High | m³/min | 10.8/13.0/15.1 | 13.0/17.8/22.7 | 13.1/20.4/27.2 | 13.0/17.8/22.7 | 13.1/20.4/27.2 | |
| | | Heating | Low/Medium/High | m³/min | 10.8/12.9/15.1 | 13.2/18.1/23.0 | 13.0/20.2/27.0 | 13.2/18.1/23.0 | 13.0/20.2/27.0 | |
| Sound power level | Cooling | | | dBA | 51.0 | 54.0 | 58.0 | 54.0 | 58.0 | |
| | Heating | | | dBA | 51.0 | 54.0 | 58.0 | 54.0 | 58.0 | |
| Sound pressure level | Cooling | Low/High | | dBA | 28.0/35.0 | 29.0/37.0 | 29.0/41.0 | 29.0/37.0 | 29.0/41.0 | |
| | Heating | Low/High | | dBA | 28.0/33.0 | 29.0/37.0 | 29.0/41.0 | 29.0/37.0 | 29.0/41.0 | |
| Control systems | Infrared remote control | | BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB | | | | | | | |
| | Wired remote control | | BRC1H519W7/S7/K/ / BRC1E53A/B/B / BRC1D52 | | | | | | | |
| Power supply | Phase/Frequency/Voltage | Hz/V | 1~/50/60/220-240/220 | | | | | | | |
| Outdoor unit | | RZASG | 71MV1 | 100MV1 | 125MV1 | 140MV1 | 100MY1 | 125MY1 | 140MY1 | |
| Dimensions | Unit | HeightxWidthxDepth | 770x900x320 | | | 990x940x320 | | | | |
| Weight | Unit | kg | 60 | 70 | 78 | 70 | 77 | | | |
| Sound power level | Cooling | | dBA | 65 | 70 | 71 | 73 | 71 | 73 | |
| | Heating | | dBA | - | 71 | 73 | - | 71 | 73 | |
| Sound pressure level | Cooling | Nom. | dBA | 46 | 53 | 54 | 53 | 54 | | |
| | Heating | Nom. | dBA | 47 | 57 | | | | | |
| Operation range | Cooling | Ambient | Min.~Max. | -15~-46 | | | | | | |
| | Heating | Ambient | Min.~Max. | -15~-15.5 | | | | | | |
| Refrigerant | Type/GWP | | R-32/675 | | | | | | | |
| Piping connections | Charge | kg/TCO2Eq | 2.45/1.65 | 2.60/1.76 | 2.90/1.96 | 2.60/1.76 | 2.90/1.96 | | | |
| | Liquid/Gas | OD | 9.52/15.9 | | | | | | | |
| | Piping length | OU - IU | Max. | 50 | | | | | | |
| | System | Equivalent Chargeless | m | 70 | | | | | | |
| Power supply | Additional refrigerant charge | kg/m | See installation manual | | | | | | | |
| | Level difference | IU - OU | Max. | 30.0 | | | | | | |
| | Phase/Frequency/Voltage | Hz/V | 1~/50/220-240 | | | | 3~/50/380-415 | | | |
| Current - 50Hz | Maximum fuse amps (MFA) | A | 20 | 25 | 32 | 16 | | | | |