

Round flow cassette

360° air discharge for optimum efficiency and comfort

- › Combination with Sky Air Alpha-series ensures best in class quality, highest efficiency and performance
- › Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Lowest installation height in the market: 214mm for class 20-63
- › 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
- › UV streamer kit, purifies the air of pollutants such as viruses, bacteria, fine dust, odours, allergens, etc ensuring a healthy and hygienic indoor environment
- › 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



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



FCAG-B



RZAG-A



RZAG-NV1



RZAG-NY1

| Efficiency data | | | FCAG + RZAG | | | | | | | | | | | | | | | | | | | |
|----------------------|--|-----------------|---|----------------|----------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
| | | | 35B | 35A | 50B | 50A | 60B | 60A | 71B | 71NV1 | 100B | 100NV1 | 125B | 125NV1 | 140B | 140NV1 | 71B + 71NV1 | 100B + 100NV1 | 125B + 125NV1 | 140B + 140NV1 | | |
| Cooling capacity | Nom. | kW | 1.6/3.5/4.5 | 1.7/5.0/6.0 | 1.7/6.0/6.5 | -/6.80/- | -/9.50/- | -/12.1/- | -/13.4/- | -/6.80/- | -/9.50/- | -/12.1/- | -/13.4/- | -/7.50/- | -/10.8/- | -/6.80/- | -/9.50/- | -/12.1/- | -/13.4/- | -/13.4/- | | |
| Heating capacity | Nom./Max. | kW | 1.40/4.00/5.00 | 1.50/5.80/6.00 | 1.60/7.00/7.50 | -/7.50/- | -/10.8/- | -/13.5/- | -/15.5/- | -/7.50/- | -/10.8/- | -/13.5/- | -/15.5/- | -/7.50/- | -/10.8/- | -/7.50/- | -/10.8/- | -/13.5/- | -/15.5/- | -/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 | 6.80 | 9.50 | 12.1 | 13.4 | 13.4 | | |
| | SEER | | 7.30 | | 6.80 | 6.60 | 6.83 | 7.14 | 7.15 | 6.80 | 6.83 | 7.14 | 7.15 | 6.80 | 6.83 | 7.14 | 7.15 | 6.80 | 6.83 | 6.80 | | |
| | ηs,c | % | - | | | | | | | | | | | | | | | | | | | |
| | Annual energy consumption | kWh/a | 168 | 257 | 318 | 348 | 466 | 1,016 | 1,182 | 348 | 466 | 1,016 | 1,182 | 348 | 466 | 1,016 | 1,182 | 348 | 466 | 1,182 | | |
| Space heating | Energy efficiency class | | A+ | | | | | | | | | | | | | | | | | | | |
| (Average climate) | Capacity | Pdesign | kW | | 3.30 | 4.30 | 4.60 | 4.70 | 7.80 | 9.52 | 4.70 | 7.80 | 9.52 | 4.70 | 7.80 | 9.52 | 4.70 | 7.80 | 9.52 | 9.52 | | |
| | SCOP/A | | 4.30 | | 4.25 | 4.22 | 4.53 | 4.34 | 4.22 | 4.53 | 4.34 | 4.22 | 4.53 | 4.34 | 4.22 | 4.53 | 4.34 | 4.22 | 4.53 | 4.34 | | |
| | ηs,h | % | - | | | | | | | | | | | | | | | | | | | |
| | Annual energy consumption | kWh/a | 1,074 | 1,398 | 1,515 | 1,560 | 2,413 | 3,071 | 3,071 | 1,560 | 2,413 | 3,071 | 3,071 | 1,560 | 2,413 | 3,071 | 3,071 | 1,560 | 2,413 | 3,071 | | |
| Indoor unit | | | FCAG | 35B | 50B | 60B | 71B | 100B | 125B | 140B | 71B | 100B | 125B | 140B | | | | | | | | |
| Dimensions | Unit | HeightxWidthxDp | mm | | | | 246x840x840 | | | | 204x840x840 | | | | 246x840x840 | | | | | | | |
| Weight | Unit | | kg | | | | 18 | | | | 19 | | | | 21 | | | | | | | |
| 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 | HeightxWidthxDp | mm | | | | | | | | | | | | | | | | | | | |
| | Weight | | kg | | | | | | | | | | | | | | | | | | | |
| | Standard panels: 5.5 / Auto cleaning panels: 10.3 / Designer panels: 6.5 | | | | | | | | | | | | | | | | | | | | | |
| Fan | Air flow | Cooling | Low/Medium/High | m³/min | 8.8/10.6/12.9 | 9.4/11.8/14.6 | 9.6/12.2/14.9 | 10.8/13.0/15.1 | 13.0/17.8/22.7 | 13.1/20.4/27.2 | 10.8/13.0/15.1 | 13.0/17.8/22.7 | 13.1/20.4/27.2 | 9.4/11.8/14.6 | 9.6/12.2/14.9 | 10.8/13.0/15.1 | 13.0/17.8/23.0 | 13.0/20.2/27.0 | 10.8/13.0/15.1 | 13.0/17.8/22.7 | 13.1/20.4/27.2 | |
| | Heating | Low/Medium/High | m³/min | 9.4/11.6/14.1 | 9.4/11.8/14.6 | 9.6/12.2/14.9 | 10.8/12.9/15.1 | 13.2/18.1/23.0 | 13.0/20.2/27.0 | 13.0/20.2/27.0 | 10.8/12.9/15.1 | 13.2/18.1/23.0 | 13.0/20.2/27.0 | 9.4/11.6/14.1 | 9.4/11.8/14.6 | 9.6/12.2/14.9 | 10.8/12.9/15.1 | 13.2/18.1/23.0 | 13.0/20.2/27.0 | 10.8/12.9/15.1 | 13.2/18.1/23.0 | |
| Sound power level | Cooling | | | dB(A) | 49.0 | 51.0 | 54.0 | 58.0 | 51.0 | 54.0 | 58.0 | 51.0 | 54.0 | 58.0 | 51.0 | 54.0 | 58.0 | 51.0 | 54.0 | 58.0 | | |
| | Heating | | | dB(A) | 49.0 | 51.0 | 54.0 | 58.0 | 51.0 | 54.0 | 58.0 | 51.0 | 54.0 | 58.0 | 51.0 | 54.0 | 58.0 | 51.0 | 54.0 | 58.0 | | |
| Sound pressure level | Cooling | Low/High | | dB(A) | 27.0/31.0 | 28.0/33.0 | 28.0/35.0 | 29.0/37.0 | 29.0/41.0 | 28.0/35.0 | 29.0/37.0 | 28.0/35.0 | 29.0/37.0 | 27.0/31.0 | 28.0/33.0 | 28.0/35.0 | 29.0/37.0 | 29.0/41.0 | 28.0/35.0 | 29.0/37.0 | | |
| | Heating | Low/High | | dB(A) | 27.0/31.0 | 28.0/33.0 | 29.0/37.0 | 29.0/41.0 | 28.0/33.0 | 29.0/37.0 | 28.0/33.0 | 29.0/37.0 | 29.0/41.0 | 27.0/31.0 | 28.0/33.0 | 29.0/37.0 | 29.0/41.0 | 29.0/41.0 | 28.0/33.0 | 29.0/37.0 | | |
| Control systems | Infrared remote control | | BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB | | | | | | | | | | | | | | | | | | | |
| | Wired remote control | | BRC1H52W/S/K / BRC1E53A / BRC1E53B / BRC1E53C / BRC1D52 | | | | | | | | | | | | | | | | | | | |
| Power supply | Phase/Frequency/Voltage | Hz/V | 1~/50/60/220-240/220 | | | | | | | | | | | | | | | | | | | |
| Piping connections | Drain | | VP25 (O.D. 32 / I.D. 25) | | | | | | | | | | | | | | | | | | | |
| Outdoor unit | | | RZAG | 35A | 50A | 60A | 71NV1 | 100NV1 | 125NV1 | 140NV1 | 71NY1 | 100NY1 | 125NY1 | 140NY1 | | | | | | | | |
| Dimensions | Unit | HeightxWidthxDp | mm | | | | 734x870x373 | | | | 870x1,100x460 | | | | | | | | | | | |
| Weight | Unit | | kg | | | | 52 | | | | 81 | | | | 85 | | | | | | | |
| Sound power level | Cooling | | dB(A) | | 62.0 | 63.0 | 64.0 | 64 | 66 | 69 | 70 | 64 | 66 | 69 | 70 | 64 | 66 | 69 | 70 | 70 | | |
| | Heating | | dB(A) | | 62.0 | 63.0 | 64.0 | - | - | 68 | 71 | - | - | 68 | 71 | - | - | 68 | 71 | 71 | | |
| Sound pressure level | Cooling | Nom. | dB(A) | | 48.0 | 49.0 | 50.0 | 46 | 47 | 49 | 50 | 46 | 47 | 49 | 50 | 46 | 47 | 49 | 50 | 50 | | |
| | Heating | Nom. | dB(A) | | 48.0 | 49.0 | 50.0 | 48 | 50 | 52 | 48 | 50 | 52 | 48 | 50 | 52 | 48 | 50 | 52 | 52 | | |
| Operation range | Cooling | Ambient | Min.~Max. | °CDB | -20~52 | | | | | | | | -20~52 | | | | | | | | | |
| | Heating | Ambient | Min.~Max. | °CWB | -20~24 | | | | | | | | -20~18 | | | | | | | | | |
| 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 | | 6.35/9.52 | | 6.35/12.7 | | 9.52/15.9 | | 9.52/15.9 | | 9.52/15.9 | | 9.52/15.9 | | 9.52/15.9 | | 9.52/15.9 | | | |
| | Piping | OU - IU | m | | 50 | | 55 | | 85 | | 55 | | 55 | | 55 | | 55 | | 85 | | | |
| | length | System | m | | - | | 75 | | 100 | | 75 | | 75 | | 75 | | 75 | | 100 | | | |
| | | Chargeless | m | | 30 | | 30 | | 30 | | 30 | | 30 | | 30 | | 30 | | 30 | | | |
| | Level difference | IU - OU | m | | 30.0 | | 30.0 | | 30.0 | | 30.0 | | 30.0 | | 30.0 | | 30.0 | | 30.0 | | | |
| | Additional refrigerant charge | kg/m | 0.02 (for piping length exceeding 30m) | | | | | | | | | | | | | | | | | | | |
| 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