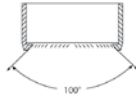


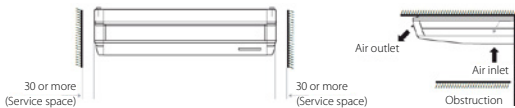
Ceiling suspended unit

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
- › 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 + 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 | 1.7/3.5/4.5 | 1.7/5.0/6.0 | 1.9/6.0/6.8 | -/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++ | | | | | - | | 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 (Average climate) | Energy efficiency class | | A+ | | | | A++ | | - | | A+ | | 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 | 4.09 | 4.30 | 4.32 | 4.61 | 4.09 | 4.30 | |
| | ηs,h | % | | | - | | | 161 | 169 | | - | 161 | 169 | |
| | Annual energy consumption | kWh/a | 1,058 | 1,302 | 1,633 | 1,523 | 2,369 | 3,259 | 3,100 | 1,523 | 2,369 | 3,259 | 3,100 | |
| Indoor unit | | FHA | 35A9 | 50A9 | 60A9 | 71A9 | 100A | 125A | 140A | | | | | |
| Dimensions | Unit | HeightxWidthxDepth | 235x960x690 | | | 235x1,270x690 | | | 235x1,590x690 | | | | | |
| Weight | Unit | kg | 24 | 25 | 31 | 32 | 38.0 | | | | | | | |
| Air filter | Type | Resin net | | | | | | | | | | | | |
| Fan | Air flow rate | Cooling | Low/Medium/High | m³/min | | 10.0/11.5/14.0 | 10.0/12.0/15.0 | 11.5/15.0/19.5 | 14.0/17.0/20.5 | 20.0/24.0/28.0 | 23.0/27.0/31.0 | 24.0/29.0/34.0 | | |
| | Heating | Low/Medium/High | m³/min | | 10.0/11.5/14.0 | 10.0/12.0/15.0 | 11.5/15.0/19.5 | 14.0/17.0/20.5 | 20.0/24.0/28.0 | 23.0/27.0/31.0 | 24.0/29.0/34.0 | | | |
| Sound power level | Cooling | | | dBA | 53.0 | 54.0 | | 55.0 | 60 | 62 | 64 | | | |
| Sound pressure level | Cooling | Low/High | | dBA | 31.0/36.0 | 32.0/37.0 | 33.0/37.0 | 34.0/38.0 | 34/42 | 37/44 | 38/46 | | | |
| | Heating | Nom./High | | dBA | 34.0/36.0 | 35.0/37.0 | | 36.0/38.0 | 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 | | RZAG | 35A | 50A | 60A | 71NV1 | 100NV1 | 125NV1 | 140NV1 | 71NY1 | 100NY1 | 125NY1 | 140NY1 | |
| Dimensions | Unit | HeightxWidthxDepth | 734x870x373 | | | | 870x1,100x460 | | | | | | | |
| Weight | Unit | kg | 52 | | | 81 | 85 | 95 | | 81 | 85 | 94 | | |
| Sound power level | Cooling | | dBA | 62.0 | 63.0 | 64.0 | | 66 | 69 | 70 | 64 | 66 | 69 | 70 |
| | Heating | | dBA | 62.0 | 63.0 | 64.0 | - | 68 | 71 | - | 68 | 71 | | |
| Sound pressure level | Cooling | Nom. | dBA | 48.0 | 49.0 | 50.0 | 46 | 47 | 49 | 50 | 46 | 47 | 49 | 50 |
| | Heating | Nom. | dBA | 48.0 | 49.0 | 50.0 | 48 | 50 | 52 | | 48 | 50 | 52 | |
| Operation range | Cooling | Ambient | Min.~Max. | °CDB | | | | -20~-52 | | | | | | |
| | Heating | Ambient | Min.~Max. | °CWB | | | | -20~24 | | -20~18 | | | | |
| Refrigerant | Type/GWP | R-32/675.0 | | | | | | | | | | | | |
| | Charge | kg/CO2Eq | 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 | | 64/9.50 | | 64/12.7 | | 952/15.9 | | | | | |
| | Piping length | OU - IU | Max. | m | | 50 | | 55 | 85 | 55 | 85 | | | |
| | System | Equivalent | m | | - | | 75 | 100 | 75 | 100 | | | | |
| | | Chargeless | m | | - | | 40 | | | | | | | |
| | Additional refrigerant charge | kg/m | | 0.02 (for piping length exceeding 30m) | | | | | | | | 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 | 16 | | 20 | | 32 | | 16 | | | | | |