

Round flow cassette

FCQG-F



Presence & floor
sensor



Home leave
operation



Auto-cleaning filter



Draught prevention



Individual flap
control

360° air discharge for optimum efficiency and comfort

- › The round flow cassette provides a more comfortable environment and offers greater savings in energy consumption to shop, office and restaurant owners
- › Lowest installation height in the market: 204mm for class 71
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!

- › Modern style decoration panel is available in 3 different variations: white (RAL9010) with grey louvers, full white (RAL9010) or auto cleaning panel
- › Daily automatic filter cleaning results in higher efficiency & comfort and lower maintenance costs. 2 filters available: standard filter and finer mesh filter (for fine dust applications e.g. clothing shops)

FCQG-F + AZQS-B8V1 A/AZQS-BY1 A



| Indoor unit | | | | FCQG | 71F | 100F | 125F | 140F |
|----------------------|-------------------------|--------------------|-------|-----------------------|-------------|-------------|------|------|
| Dimensions | Unit | HeightxWidthxDepth | mm | | 204x840x840 | 246x840x840 | | |
| Decoration panel | Colour | | | Pure White (RAL 9010) | | | | |
| | Dimensions | HeightxWidthxDepth | mm | 130x950x950 | | | | |
| Decoration panel 2 | Colour | | | Pure White (RAL 9010) | | | | |
| | Dimensions | HeightxWidthxDepth | mm | 130x950x950 | | | | |
| Decoration panel 3 | Colour | | | Pure White (RAL 9010) | | | | |
| | Dimensions | HeightxWidthxDepth | mm | 50x950x950 | | | | |
| Decoration panel 4 | Colour | | | Pure White (RAL 9010) | | | | |
| | Dimensions | Depth | mm | 50 | | | | |
| | | Height | mm | 950 | | | | |
| | | Width | mm | 950 | | | | |
| Sound power level | Cooling | | dB(A) | 51 | 54 | 58 | | |
| | Heating | | dB(A) | 51 | 54 | 58 | | |
| Sound pressure level | Cooling | High/Low | dB(A) | 33/28 | 37/29 | 41/29 | | |
| | Heating | High/Low | dB(A) | 33/28 | 37/29 | 41/29 | | |
| Control systems | Infrared remote control | | | BRC7FA532F | | | | |
| | Wired remote control | | | BRC1D52 / BRC1E52A/B | | | | |

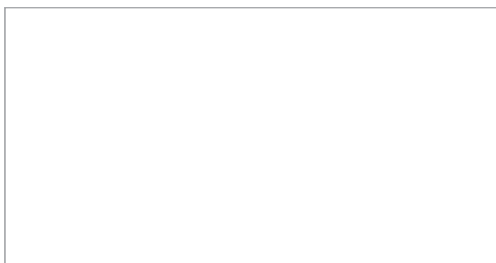
| Efficiency data | | | FCQG + AZQS | 71F + 71BV1 A | 100F + 100B8V1 A | 125F + 125B8V1 A | 140F + 140B8V1 A | 100F + 100BY1 A | 125F + 125BY1 A | 140F + 140BY1 A |
|--|---------------------------|---------------------------|-------------|---------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|
| Cooling capacity | Nom. | | kW | 6.8 | 9.5 | 12.1 | 13.0 | 9.5 | 12.1 | 13.0 |
| Heating capacity | Nom. | | kW | 7.5 | 10.8 | 13.5 | 15.5 | 10.8 | 13.5 | 15.5 |
| Power input | Cooling | Nom. | kW | 2.19 | 2.96 | 3.90 | 4.63 | 2.96 | 3.90 | 4.63 |
| | Heating | Nom. | kW | 2.08 | 3.09 | 3.96 | 4.70 | 3.09 | 3.96 | 4.70 |
| Seasonal efficiency (according to EN14825) | Cooling | Energy efficiency class | | A+ | A | - | - | A | - | - |
| | | Pdesign | kW | 6.80 | 9.50 | - | - | 9.50 | - | - |
| | | SEER | | 5.70 | 5.50 | - | - | 5.50 | - | - |
| | | Annual energy consumption | kWh | 418 | 605 | - | - | 605 | - | - |
| | Heating (Average climate) | Energy efficiency class | | A+ | A | - | - | A | - | - |
| | | Pdesign | kW | 6.33 | 7.60 | - | - | 7.60 | - | - |
| | | SCOP/A | | 4.00 | 3.85 | - | - | 3.85 | - | - |
| | | Annual energy consumption | kWh | 2,216 | 2,762 | - | - | 2,764 | - | - |
| Nominal efficiency | EER | | | 3.11 | 3.21 | 3.10 | 2.81 | 3.21 | 3.10 | 2.81 |
| | COP | | | 3.61 | 3.50 | 3.41 | 3.30 | 3.50 | 3.41 | 3.30 |
| | Annual energy consumption | | kWh | 1,093 | 1,480 | 1,952 | 2,313 | 1,480 | 1,952 | 2,313 |
| | Energy labeling | Cooling | | B | A | B | C | A | B | - |
| | Directive | Heating | | A | | B | C | | B | - |

Contains fluorinated greenhouse gases

| Outdoor unit | | | | AZQS | 71BV1 A | 100B8V1 A | 125B8V1 A | 140B8V1 A | 100BY1 A | 125BY1 A | 140BY1 A |
|----------------------|-------------------------|------------------------|----------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------|---------------|----------|
| Dimensions | Unit | HeightxWidthxDepth | mm | 770x900x320 | 990x940x320 | 1,430x940x320 | 990x940x320 | 1,430x940x320 | 990x940x320 | 1,430x940x320 | |
| Sound power level | Cooling | | dB(A) | 64 | 70 | 71 | 70 | 71 | 71 | 70 | |
| | Heating | Nom. | dB(A) | 48 | 53 | 54 | 53 | 54 | 54 | 53 | |
| Sound pressure level | Heating | Nom. | dB(A) | 50 | 57 | 58 | 54 | 57 | 58 | 54 | |
| | Night quiet mode | Level 1 | dB(A) | 43 | | | 49 | | | | |
| Operation range | Cooling | Ambient | Min.~Max. °CDB | | | | -5~46 | | | | |
| | Heating | Ambient | Min.~Max. °CWB | | | | -15~15.5 | | | | |
| Refrigerant | Type/Charge/GWP | kg/TCO ₂ eq | | R-410A/2.75/5.7/2,087.5 | R-410A/2.9/6.1/2,087.5 | R-410A/4.0/8.4/2,087.5 | R-410A/2.9/6.1/2,087.5 | R-410A/4.0/8.4/2,087.5 | | | |
| Power supply | Phase/Frequency/Voltage | Hz/V | | 1~/50/220-240 | | | 3N~/50/380-415 | | | | |

Contains fluorinated greenhouse gases

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