

FCAHG-H / RZAG-N *SkyAir Alpha-series*



High COP Roundflow Cassette

Next-generation climate control and air purification

Bringing together high COP efficiency, 360° airflow and powerful filtration in one smart, stylish system. Ideal for offices, small retail spaces and any environment where healthy air and energy-conscious performance are essential. Combined with Sky Air Alpha series for best-in-class quality and efficiency.

All-round comfort, whisper-quiet

Experience perfectly even temperatures and draught-free comfort. True 360° air discharge, five fan speed options, larger louvres and a unique swing pattern circulate air gently and silently, eliminating hot and cold spots.

Style for every interior

Match your aesthetic with the widest ever selection of decorative panels: designer options in white and black, and standard panels in white with grey accents or full white.

Tailored airflow for any space

Adapt airflow to suit any layout with individual louvre control. Branch ducting ensures conditioned air reaches adjacent or irregular-shaped rooms. Optional fresh air intake maintains a healthy indoor environment.

Exceptional energy savings

A high COP cassette, advanced DC fan motor and innovative small tube heat exchanger combine for outstanding efficiency and lower running

costs. An automatic filter cleaning panel can be added for peak performance and reduced maintenance.

Advanced air purification

The optional Daikin UV Streamer kit with Catch & Clean filtration, UV-C light and Streamer technology removes viruses, bacteria, fine dust, odours and allergens, ensuring healthy air for every user.

Seamless installation and integration

The built-in drain pump (675mm lift) and slim profile (from 204mm height) make installation simple, even in tight ceiling voids. Seamless connection to building management systems with the optional DIII net connector.

Intelligent control and connectivity

Optional intelligent sensors (motion and floor temperature) further enhance comfort and energy efficiency, automatically adjusting settings according to occupancy and room conditions.



FCAG-B (Black designer panel)



FCAG-B (White)



BRC7FA532F/B (optional)



RZAG71-140N



WI-FI ADAPTOR AVAILABLE AS AN OPTION





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R-32 BLUEEVOLUTION

| Indoor Units | | | Single Phase | | | | 3 Phase | | | |
|------------------------------------|-------------------------------|------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| | | | FCAHG71H | FCAHG100H | FCAHG125H | FCAHG140H | FCAHG71H | FCAHG100H | FCAHG125H | FCAHG140H |
| Capacity | UK Total Cooling | kW | 7.76 | 10.85 | 13.6 | 14.93 | 7.76 | 10.85 | 13.6 | 14.93 |
| | UK Sensible Cooling | kW | 5.32 | 7.44 | 9.30 | 10.25 | 5.32 | 7.44 | 9.30 | 10.25 |
| | Nominal Cooling | kW | 6.8 | 9.5 | 12.1 | 13.4 | 6.8 | 9.5 | 12.1 | 13.4 |
| | Nominal Heating | kW | 7.5 | 10.8 | 13.5 | 15.5 | 7.5 | 10.8 | 13.5 | 15.5 |
| | Seasonal Efficiency (EN14825) | Energy Label | | A++ | A++ | - | - | A++ | A++ | - |
| COOLING | Pdesign | kW | 6.8 | 9.5 | 12.1 | 13.4 | 6.8 | 9.5 | 12.1 | 13.4 |
| | SEER | | 7.90 | 7.70 | 8.02 | 7.93 | 7.90 | 7.70 | 8.02 | 7.93 |
| | ηs,c | % | - | - | 318 | 314 | - | - | 318 | 314 |
| | Annual Energy Consumption | kWh | 301 | 432 | 905 | 1014 | 301 | 432 | 905 | 1014 |
| | Seasonal Efficiency (EN14825) | Energy Label | | A++ | A++ | - | - | A++ | A++ | - |
| HEATING | Pdesign | kW | 4.70 | 9.52 | 9.52 | 9.52 | 4.70 | 9.52 | 9.52 | 9.52 |
| | SCOP | | 4.61 | 4.75 | 4.53 | 4.44 | 4.61 | 4.75 | 4.53 | 4.44 |
| | ηs,h | % | - | - | 178 | 175 | - | - | 178 | 175 |
| | Annual Energy Consumption | kWh | 1427 | 2805 | 2942 | 3002 | 1427 | 2805 | 2942 | 3002 |
| | Air Flow Rate (Cooling) | High / Med / Low | m³/min | 23.6 / 18.8 / 13.7 | 32.2 / 25.7 / 19.1 | 34.4 / 27.3 / 21.2 | 34.4 / 27.3 / 21.2 | 23.6 / 18.8 / 13.7 | 32.2 / 25.7 / 19.1 | 34.4 / 27.3 / 21.2 |
| Dimensions (with Decoration Panel) | Height | mm | 288 (353) | 288 (353) | 288 (353) | 288 (353) | 288 (353) | 288 (353) | 288 (353) | 288 (353) |
| | Width | mm | 840 (950) | 840 (950) | 840 (950) | 840 (950) | 840 (950) | 840 (950) | 840 (950) | 840 (950) |
| | Depth | mm | 840 (950) | 840 (950) | 840 (950) | 840 (950) | 840 (950) | 840 (950) | 840 (950) | 840 (950) |
| Weight (with Decoration Panel) | | kg | 25 (30.5) | 25 (30.5) | 25 (30.5) | 25 (30.5) | 25 (30.5) | 25 (30.5) | 25 (30.5) | 25 (30.5) |
| Sound Pressure (Cooling) | High / Med / Low | dBA | 36 / 33 / 29 | 44 / 39 / 33 | 45 / 40 / 35 | 45 / 41 / 37 | 36 / 33 / 29 | 44 / 39 / 33 | 45 / 40 / 35 | 45 / 41 / 37 |
| Sound Pressure (Heating) | High / Med / Low | dBA | 36 / 33 / 29 | 44 / 39 / 33 | 45 / 40 / 35 | 45 / 41 / 37 | 33 / 31 / 28 | 44 / 39 / 33 | 45 / 40 / 35 | 45 / 41 / 37 |
| Sound Power (Cooling) | | dBA | 53 | 61 | 61 | 61 | 53 | 61 | 61 | 61 |
| Outdoor Units | | | RZAG71NV1 | RZAG100NV1 | RZAG125NV1 | RZAG140NV1 | RZAG71NY1 | RZAG100NY1 | RZAG125NY1 | RZAG140NY1 |
| Dimensions | Height x Width x Depth | mm | 870 x 1100 x 460 | 870 x 1100 x 460 | 870 x 1100 x 460 | 870 x 1100 x 460 | 870 x 1100 x 460 | 870 x 1100 x 460 | 870 x 1100 x 460 | 870 x 1100 x 460 |
| Weight | | kg | 81 | 85 | 95 | 95 | 81 | 85 | 95 | 95 |
| Electrical Details | Power Supply | | 1ph | 1ph | 1ph | 1ph | 3ph | 3ph | 3ph | 3ph |
| | Maximum Input Current (MCA) | A | 17.7 | 22.2 | 27.5 | 27.5 | 11.1 | 14.9 | 15.0 | 15.0 |
| | Max Fuse Size | A | 20 | 32 | 32 | 32.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| Interconnection Wiring | Core / Cable Size | | 3+E / 1.5 | 3+E / 1.5 | 3+E / 1.5 | 3+E / 1.5 | 3+E / 1.5 | 3+E / 1.5 | 3+E / 1.5 | 3+E / 1.5 |
| Piping Connections | Liquid / Gas | inches (mm) | 3/8 (9.5) / 5/8 (15.9) | 3/8 (9.5) / 5/8 (15.9) | 3/8 (9.5) / 5/8 (15.9) | 3/8 (9.5) / 5/8 (15.9) | 3/8 (9.5) / 5/8 (15.9) | 3/8 (9.5) / 5/8 (15.9) | 3/8 (9.5) / 5/8 (15.9) | 3/8 (9.5) / 5/8 (15.9) |
| Pipework | Maximum Length | m | 55 | 85 | 85 | 85 | 55 | 85 | 85 | 85 |
| | Maximum Vertical Rise | m | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| | Precharged to | m | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| | Additional charge | g/m | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| | Holding charge | kg | 3.2 | 3.2 | 3.7 | 3.7 | 3.2 | 3.2 | 3.7 | 3.7 |
| Sound Pressure (Cooling) | Nom / Night Quiet | dBA | 46 / 44 | 47 / 45 | 49 / 47 | 50 / 48 | 46 / 44 | 47 / 45 | 49 / 47 | 50 / 48 |
| Sound Pressure (Heating) | Nom / Night Quiet | dBA | 48 / 44 | 50 / 45 | 52 / 47 | 52 / 48 | 48 / 44 | 50 / 45 | 52 / 47 | 52 / 48 |
| Sound Power (Cooling) | | dBA | 64 | 66 | 69 | 70 | 64 | 66 | 69 | 70 |
| Operating Range (Cooling) | Min / Max | °CDB | -20 / 52 | -20 / 52 | -20 / 52 | -20 / 52 | -20 / 52 | -20 / 52 | -20 / 52 | -20 / 52 |
| Operating Range (Heating) | Min / Max | °CWB | -20 / 18 | -20 / 18 | -20 / 18 | -20 / 18 | -20 / 18 | -20 / 18 | -20 / 18 | -20 / 18 |
| Air Flow Rate (Cooling) | Nominal | m³/min | 68.0 | 67.0 | 80.0 | 87.0 | 68.0 | 67.0 | 80.0 | 87.0 |
| Meets ETL criteria | | | ● | ● | ● | ● | ● | ● | ● | ● |

Accessories:

| Accessory Ref | Description |
|---------------|--|
| BYCQ140E | Decoration panel – White – Standard |
| BYCQ140EB | Decoration panel – Black – Standard (RAL 9005) |
| BYCQ140EW | Decoration Panel – Full White – Standard (RAL 9010) |
| BYCQ140EP | Decoration Panel – Designer – Full White (RAL 9010) |
| BYCQ140EPB | Decoration Panel – Designer – Full Black (RAL 9005) |
| BYCQ140EGF | Auto Cleaning Deco Panel – White (RAL 9010) |
| BYCQ140EGFB | Auto Cleaning Deco Panel – Black (RAL 9005) |
| BAEF125AWB | UV Streamer Kit collar (more info in IAQ section) |
| BRC1H52W7 | Wired touch screen remote controller – White |
| BRC1H52S7 | Wired touch screen remote controller – Silver |
| BRC1H52K7 | Wired touch screen remote controller – Black |
| BRP069C82 | Wi-Fi adaptor for use with Daikin ONECTA App |
| EWHAR1 | Extension wire – Required if Wifi Adaptor and Auto Cleaning panel are installed together |
| BRC7FA532F | Wireless remote controller – White |
| BRC7FA532FB | Wireless remote controller – Black |
| BRYQ140B | Integral PIR sensor for roundflow decoration panel (for white panel) |
| BRYQ140BB | Integral PIR sensor for roundflow decoration panel (for black panel) |

| Accessory Ref | Description |
|--------------------|--|
| RTD-10 and UK.FB2 | Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock |
| RTD-20 and UK.FB2 | Energy control PCB for Sky Air and VRV |
| EKMPPP1 and UK.FB2 | Modbus interface PCB for Sky Air and VRV |
| KLIC-DI_V2 | KNX Interface for Sky Air and VRV systems |
| KRCS01-5B | Remote room mounted temperature sensor |
| KRP4A53 and UK.FB2 | Unit/group adaptor PCB for remote on/off, status indication and temperature setting |
| K.CGM | Condensing unit guard (1150 x 1150 x 650) |
| K.CWB90-2 | Wall bracket (90kg, 500mm support arm) |
| K.DT1 | Condensate drip tray for use with K.CWB90-2 |
| K.FF6005 | Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit |
| SB.K.RSS_RFC | Wireless room mounted temperature sensor and receiver |
| KDBHQ56B140 | Sealing member for air discharge outlet |
| KDDP55C160-1 | Fresh air intake kit for up to 20% fresh air (Part 1) |
| KDDP55D160-2 | Fresh air intake kit for up to 20% fresh air (Part 2) |
| RS-SE | Service and configuration tool for K.RSS |

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