



# Wall mounted Advance

**FAA-A / RZASG-M** *SkyAir Advance-series*

Conveniently surface mounted  
Also for rooms with no false ceilings

- › Combinations with Sky Air Advance series ensures good value for money for all types of commercial applications
- › Flat, stylish front panel blends easily within any interior and is easier to clean
- › Can easily be installed in both new and refurbishment projects
- › Reduced energy consumption thanks to specially developed DC fan motor
- › The air is comfortably directed up and down to suit your needs, thanks to 5 different discharge angles that can be programmed via the remote control
- › Maintenance operations can be performed easily from the front of the unit

**R-32** **BLUEEVOLUTION**



FAA-A



RZASG71

RZASG100



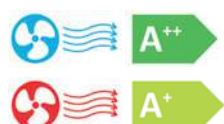
BRC1ES3A



BRC7EB518  
(optional)



BRP069A81  
(optional)



**WI-FI ADAPTOR**

**AVAILABLE AS AN OPTION**

# FAA-A / RZASG-M

**R-32**
**BLUEVOLUTION**

| Indoor Units                                |                           |        | Single Phase      |                   | 3 Phase           |
|---|---------------------------|--------|-------------------|-------------------|-------------------|
|   |                           |        | FAA71A            | FAA100A           | FAA100A           |
| Capacity                                    | UK Total Cooling          | kW     | 7.76              | 10.8              | 10.8              |
|   | UK Sensible Cooling       | kW     | 5.32              | 7.44              | 7.44              |
|   | Nominal Cooling           | kW     | 6.8               | 9.5               | 9.5               |
|   | Nominal Heating           | kW     | 7.5               | 10.8              | 10.8              |
| Seasonal Efficiency<br>(EN14825)<br>COOLING | Energy Label              |        | A++               | A+                | A+                |
|   | Pdesign                   | kW     | 6.8               | 9.5               | 9.5               |
|   | SEER                      |        | 6.41              | 5.83              | 5.83              |
|   | Annual Energy Consumption | kWh    | 371               | 570               | 570               |
| Seasonal Efficiency<br>(EN14825)<br>HEATING | Energy Label              |        | A                 | A                 | A                 |
|   | Pdesign                   | kW     | 4.5               | 6.0               | 6.0               |
|   | SCOP                      |        | 3.9               | 3.85              | 3.85              |
|   | Annual Energy Consumption | kWh    | 1615              | 2182              | 2182              |
| Nominal Efficiency                          | EER/COP                   |        | 3.40/3.58         | 2.70/4.61         | 2.70/4.61         |
| Air Flow Rate (Cooling)                     | High / Nom / Low          | m³/sec | 0.300/0.266/0.233 | 0.433/0.383/0.316 | 0.433/0.383/0.316 |
| Dimensions                                  | Height                    | mm     | 290               | 340               | 340               |
|   | Width                     | mm     | 1050              | 1200              | 1200              |
|   | Depth                     | mm     | 238               | 240               | 240               |
| Weight                                      |                           | kg     | 13                | 17                | 17                |
| Sound Pressure (Cooling)                    | High / Nom / Low          | dBA    | 45/42/40          | 49/45/41          | 49/45/41          |
| Sound Pressure (Heating)                    | High / Nom / Low          | dBA    | 45/42/40          | 49/45/41          | 49/45/41          |
| Sound Power (Cooling)                       |                           | dBA    | 61                | 65                | 65                |

| Outdoor Units             |                        |             | RZASG71MV1                   | RZASG100MV1     | RZASG100MY1                  |
|---------------------------|------------------------|-------------|------------------------------|-----------------|------------------------------|
| Dimensions                | Height x Width x Depth | mm          | 700 x 900 x 320              | 990 x 940 x 320 | 990 x 940 x 320              |
| Weight                    |                        | kg          | 60                           | 70              | 70                           |
| Electrical Details        | Power Supply           |             | 1ph                          | 1ph             | 3ph                          |
|                           | Running Current        | A           | 17.4                         | 21.2            | 13.9                         |
|                           | Starting Current       | A           | -                            | -               | -                            |
|                           | Max Fuse Size          | A           | 20                           | 25              | 16                           |
| Interconnection Wiring    | Core / Cable Size      |             | 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)       |
| Pipework                  | Maximum Length         | m           | 50                           | 50              | 50                           |
|                           | Maximum Vertical Rise  | m           | 30                           | 30              | 30                           |
|                           | Precharged to          | m           | 30                           | 30              | 30                           |
|                           | Additional charge      | g/m         | Refer to Installation Manual |                 | Refer to Installation Manual |
|                           | Holding charge         | kg          | 2.45                         | 2.60            | 2.60                         |
| Sound Pressure (Cooling)  | Nom / Night Quiet      | dBA         | 46/42                        | 53/44           | 53/44                        |
| Sound Pressure (Heating)  | Nom / Night Quiet      | dBA         | 47/42                        | 57/44           | 57/44                        |
| Sound Power (Cooling)     |                        | dBA         | 65                           | 70              | 70                           |
| Operating Range (Cooling) | Min / Max              | °CDB        | -15/46                       | -15/46          | -15/46                       |
| Operating Range (Heating) | Min / Max              | °CWB        | -15/15.5                     | -15/15.5        | -15/15.5                     |
| Air Flow Rate (Cooling)   | Nominal                | m³/sec      | 0.933                        | 1.150           | 1.150                        |
| ECA Eligible              |                        |             |                              |                 |                              |

| Accessory Ref | Description   |
|---------------|---|
| BRC1E53A      | Premium wired remote controller (Included as standard)          |
| BRP069A81     | Wifi adaptor for connection to on-line controller               |
| BRC7EB518     | Wireless remote controller                                      |
| K.CGL         | Condensing unit guard size 100-140 including RXYSQ              |
| K.CGM         | Condensing unit guard size 42-71                                |
| K.CWB140-2    | Condensing unit bracket - size 100 to 140                       |
| K.CWB90-2     | Condensing unit bracket - up to size 71, max weight 90kg of ODU |
| K.DT1         | Condensate drip tray for use with K.CWB90-2                     |
| K.DT2         | Condensate drip tray for use with K.CWB140-2                    |

| Accessory Ref      | Description  |
|--------------------|--|
| K.RSS              | Wireless room mounted temperature sensor and receiver  |
| KLIC-DI            | KNX Interface for Sky Air and VRV systems  |
| KRCS01-4           | Remote room mounted temperature sensor   |
| KRP4A53 and UK.FB2 | Unit/group adaptor PCB for remote on/off, status indication and temperature setting              |
| RS-SE              | Service and configuration tool for K.RSS   |
| 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   |
| RTD-NET and UK.FB2 | Modbus interface PCB for Sky Air and VRV   |

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**FSC**

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