



## FBA-A9 / RXM-R

Slimmest yet most powerful medium static pressure unit on the market

- › Combination with split outdoor units is ideal for small retail, offices or residential applications
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- › Optional fresh air intake
- › Lowest sound levels in the market: down to 25dBa
- › Reduced energy consumption thanks to specially developed DC fan motor and drain pump
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › No optional adapter needed for DIII-connection, link your unit directly into the wider building management system
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed

**R-32** BLUEVOLUTION



FBA-A9



RXM50-60R



BRC4C65 (optional)



Madoka BRCIH52W



**WI-FI ADAPTOR**

**AVAILABLE AS AN OPTION**



## FBA-A / RXM-M9

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

| Indoor Units                                |                           |        | FBA35A9               | FBA50A9               | FBA60A9               |
|---|---------------------------|--------|-----------------------|-----------------------|-----------------------|
| Capacity                                    | UK Total Cooling          | kW     | 3.42                  | 4.89                  | 5.57                  |
|   | UK Sensible Cooling       | kW     | 2.99                  | 3.55                  | 4.09                  |
|   | Nominal Cooling           | kW     | 3.5                   | 5.0                   | 5.7                   |
|   | Nominal Heating           | kW     | 4.0                   | 5.5                   | 7.0                   |
| Seasonal Efficiency<br>(EN14825)<br>COOLING | Energy Label              |        | A++                   | A++                   | A+                    |
|   | Pdesign                   | kW     | 3.4                   | 5.0                   | 5.7                   |
|   | SEER                      |        | 6.23                  | 6.27                  | 5.91                  |
|   | Annual Energy Consumption | kWh    | 191                   | 279                   | 337                   |
| Seasonal Efficiency<br>(EN14825)<br>HEATING | Energy Label              |        | A+                    | A+                    | A+                    |
|   | Pdesign                   | kW     | 2.9                   | 4.4                   | 4.6                   |
|   | SCOP                      |        | 4.07                  | 4.06                  | 4.01                  |
|   | Annual Energy Consumption | kWh    | 996                   | 1517                  | 1607                  |
| Air Flow Rate (Cooling)                     | High / Med / Low          | m³/sec | 0.250 / 0.208 / 0.175 | 0.250 / 0.208 / 0.175 | 0.300 / 0.250 / 0.208 |
| External Static Pressure                    | High / Nom                | Pa     | 150 / 30              | 150 / 30              | 150 / 30              |
| Dimensions                                  | Height                    | mm     | 245                   | 245                   | 245                   |
|   | Width                     | mm     | 700                   | 700                   | 1000                  |
|   | Depth                     | mm     | 800                   | 800                   | 800                   |
| Weight                                      |                           | kg     | 28                    | 28                    | 35                    |
| Sound Pressure (Cooling)                    | High / Med / Low          | dBA    | 35 / 32 / 29          | 35 / 32 / 29          | 30 / 28 / 25          |
| Sound Pressure (Heating)                    | High / Med / Low          | dBA    | 37 / 34 / 29          | 37 / 34 / 29          | 31 / 28 / 25          |
| Sound Power (Cooling)                       |                           | dBA    | 60                    | 60                    | 56                    |

| Outdoor Units             |                               |             | RXM35R9               | RXM50R                 | RXM60R                 |
|---------------------------|-------------------------------|-------------|-----------------------|------------------------|------------------------|
| Dimensions                | Height x Width x Depth        | mm          | 550 x 765 x 285       | 734 x 870 x 373        | 734 x 870 x 373        |
| Weight                    |                               | kg          | 32                    | 49                     | 49                     |
| Electrical Details        | Power Supply                  |             | 1ph                   | 1ph                    | 1ph                    |
|                           | Maximum Input Current (MCA) A |             | 12.29                 | 15.42                  | 15.86                  |
|                           | Max Fuse Size                 | A           | 13                    | 16                     | 16                     |
| Interconnection Wiring    | Core / Cable Size             |             | 3+E / 1.5             | 3+E / 1.5              | 3+E / 1.5              |
| Piping Connections        | Liquid / Gas                  | inches (mm) | 1/4 (6.4) / 3/8 (9.5) | 1/4 (6.4) / 1/2 (12.7) | 1/4 (6.4) / 1/2 (12.7) |
| Pipework                  | Maximum Length                | m           | 20                    | 30                     | 30                     |
|                           | Maximum Vertical Rise         | m           | 15                    | 20                     | 20                     |
|                           | Precharged to                 | m           | 10                    | 10                     | 10                     |
|                           | Additional charge             | g/m         | 20                    | 20                     | 20                     |
|                           | Holding charge                | kg          | 0.76                  | 1.15                   | 1.15                   |
| Sound Pressure (Cooling)  | Nominal                       | dBA         | 49                    | 48                     | 48                     |
| Sound Pressure (Heating)  | Nominal                       | dBA         | 49                    | 49                     | 49                     |
| Sound Power (Cooling)     |                               | dBA         | 61                    | 62                     | 63                     |
| Operating Range (Cooling) | Min / Max                     | °CDB        | -10 / 50              | -10 / 50               | -10 / 50               |
| Operating Range (Heating) | Min / Max                     | °CWB        | -15 / 18              | -15 / 18               | -15 / 18               |
| Air Flow Rate (Cooling)   | Nominal                       | m³/sec      | 0.600                 | 0.777                  | 0.777                  |

### Accessories:

| Accessory Ref      | Description  |
|--------------------|--|
| BRP069C81          | Wifi adaptor for connection to on-line controller  |
| BRC1H52W           | Wired touch screen remote controller - White (Included as standard)                              |
| BRC1H52S           | Wired touch screen remote controller - Silver  |
| BRC1H52K           | Wired touch screen remote controller - Black   |
| BRC4C65            | Wireless remote controller   |
| 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.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   |
| UK.RC2             | Return chamber - FBA35-50 - 2X200mm Spg  |
| UK.RC3             | Return chamber - FBA60-71 - 2X200mm Spg  |
| UK.RC3A            | Return chamber - FBA60-71 - 3X200mm Spg  |
| UK.SF2             | Supply flange - FBA35-50 - 2x200 Spg   |
| UK.SF3             | Supply flange - FBA60-71 - 2x200 Spg   |
| UK.SF3A            | Supply flange - FBA60-71 - 3x200 Spg   |

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