



## FNA-A / RXM-R

### Designed to be concealed in walls

- › Combination with split outdoor units is ideal for small retail, offices or residential applications
- › Its low height (620mm) enables the unit to fit perfectly beneath a window
- › Ideal for installation in offices, hotels and residential applications
- › Requires very little installation space as the depth is only 200mm
- › Blends unobtrusively with any interior décor: only the suction and discharge grills are visible
- › High ESP allows flexible installation

**R-32** BLUEVOLUTION



FNA-A



RXM50-60R



BRC4C65 (optional)



Madoka BRC1H52W



WI-FI CONTROL VIA APP



WI-FI ADAPTOR

AVAILABLE AS AN OPTION

## FNA-A / RXM-R

**R-32** BLUEEVOLUTION

| Indoor Units                                |                           |        | FNA25A9               | FNA35A9               | FNA50A9               | FNA60A9               |
|---|---------------------------|--------|-----------------------|-----------------------|-----------------------|-----------------------|
| Capacity                                    | UK Total Cooling          | kW     | 2.54                  | 3.32                  | 4.89                  | 5.86                  |
|   | UK Sensible Cooling       | kW     | 1.89                  | 2.26                  | 3.66                  | 4.11                  |
|   | Nominal Cooling           | kW     | 2.6                   | 3.4                   | 5.0                   | 6.0                   |
|   | Nominal Heating           | kW     | 3.2                   | 4.0                   | 5.8                   | 7.0                   |
| Seasonal Efficiency<br>(EN14825)<br>COOLING | Energy Label              |        | A+                    | A+                    | A+                    | A                     |
|   | Pdesign                   | kW     | 2.6                   | 3.4                   | 5.0                   | 6.0                   |
|   | SEER                      |        | 5.68                  | 5.7                   | 5.77                  | 5.56                  |
|   | Annual Energy Consumption | kWh    | 160                   | 209                   | 303                   | 378                   |
| Seasonal Efficiency<br>(EN14825)<br>HEATING | Energy Label              |        | A+                    | A+                    | A+                    | A+                    |
|   | Pdesign                   | kW     | 2.8                   | 2.9                   | 4.0                   | 4.6                   |
|   | SCOP                      |        | 4.24                  | 4.05                  | 4.09                  | 4.16                  |
|   | Annual Energy Consumption | kWh    | 924                   | 1002                  | 1369                  | 1547                  |
| Air Flow Rate (Cooling)                     | High / Nom / Low          | m³/sec | 0.145 / 0.133 / 0.122 | 0.145 / 0.133 / 0.122 | 0.267 / 0.247 / 0.225 | 0.267 / 0.247 / 0.225 |
| External Static Pressure                    | High / Nom                | Pa     | 48 / 30               | 48 / 30               | 49 / 40               | 49 / 40               |
| Dimensions                                  | Height                    | mm     | 620                   | 620                   | 620                   | 620                   |
|   | Width                     | mm     | 790                   | 790                   | 1190                  | 1190                  |
|   | Depth                     | mm     | 200                   | 200                   | 200                   | 200                   |
| Weight                                      |                           | kg     | 23                    | 23                    | 30                    | 30                    |
| Sound Pressure (Cooling)                    | High / Med / Low          | dBA    | 33 / 31 / 28          | 33 / 31 / 28          | 36 / 33 / 30          | 36 / 33 / 30          |
| Sound Pressure (Heating)                    | High / Med / Low          | dBA    | 33 / 31 / 28          | 33 / 31 / 28          | 36 / 33 / 30          | 36 / 33 / 30          |
| Sound Power (Cooling)                       |                           | dBA    | 53                    | 53                    | 56                    | 56                    |

| Outdoor Units             |                               |             | RXM25R9               | RXM35R9               | RXM50R                 | RXM60R                 |
|---------------------------|-------------------------------|-------------|-----------------------|-----------------------|------------------------|------------------------|
| Dimensions                | Height x Width x Depth        | mm          | 550 x 765 x 285       | 550 x 765 x 285       | 734 x 870 x 373        | 734 x 870 x 373        |
| Weight                    |                               | kg          | 32                    | 32                    | 49                     | 49                     |
| Electrical Details        | Power Supply                  |             | 1ph                   | 1ph                   | 1ph                    | 1ph                    |
|                           | Maximum Input Current (MCA) A |             | 11.17                 | 11.17                 | 14.43                  | 15.09                  |
|                           | Max Fuse Size                 | A           | 13                    | 13                    | 16                     | 16                     |
| Interconnection Wiring    | Core / Cable Size             |             | 3+E / 1.5             | 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) / 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                    | 20                    | 30                     | 30                     |
|                           | Maximum Vertical Rise         | m           | 15                    | 15                    | 20                     | 20                     |
|                           | Precharged to                 | m           | 10                    | 10                    | 10                     | 10                     |
|                           | Additional charge             | g/m         | 20                    | 20                    | 20                     | 20                     |
|                           | Holding charge                | kg          | 0.76                  | 0.76                  | 1.15                   | 1.15                   |
| Sound Pressure (Cooling)  | Nominal                       | dBA         | 46                    | 49                    | 48                     | 48                     |
| Sound Pressure (Heating)  | Nominal                       | dBA         | 47                    | 49                    | 49                     | 49                     |
| Sound Power (Cooling)     |                               | dBA         | 58                    | 61                    | 62                     | 63                     |
| Operating Range (Cooling) | Min / Max                     | °CDB        | -10 / 50              | -10 / 50              | -10 / 50               | -10 / 50               |
| Operating Range (Heating) | Min / Max                     | °CWB        | -15 / 18              | -15 / 18              | -15 / 18               | -15 / 18               |
| Air Flow Rate (Cooling)   | Nominal                       | m³/sec      | 0.472                 | 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                        |
| BRC2E52C      | Wired simplified remote controller (without auto swing)             |
| BRC4C65       | Wireless remote controller  |
| K.CGM         | Condensing unit guard (1150 x 1150 x 650)                           |
| K.CG5         | Condensing unit guard (750 x 1050 x 460)                            |
| K.CWB90-2     | Wall bracket (90kg, 500mm support arm)                              |
| K.DT1         | Condensate drip tray for use with K.CWB90-2                         |

| 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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