



## FTXM-N / RZAG-A

Suitable for bedrooms, living rooms or small offices

The FTXM-N series operate on the next generation refrigerant R-32. This refrigerant has a lower Global Warming Potential than R-410A, which means it has a lower environmental impact, and can help deliver higher efficiencies.

By using R32, the system can provide reduced energy consumption & lower running costs compared to comparable R410A systems. Energy Labels of A++, and seasonal efficiencies of up to 7.70 can be realised.

Suitable for bedrooms, living rooms or small offices, the FTXM range is equipped with an infra-red remote control with a 7 day timer. The timer allows you to programme a 7 day schedule with 4 different actions per day.

All units are fitted with 2-area Intelligent Eye sensors, which keep the room comfortable while ensuring running costs are kept to a minimum.

- › If the sensor detects the room is empty, it will switch to economy mode to save energy then restart when someone re-enters.
- › When people are detected in the room the sensor will direct air-flow away from them.

All units in the FTXM range are fitted with a photocatalytic air purifying filter and are extremely quiet when operating, ensuring perfect comfort. A new feature is the Flash Streamer, which generates electrons which collide & react with oxygen & nitrogen molecules in the air. The resulting reaction neutralises & decomposes odours, allergens and bacteria.

The FTXM range is ECA Eligible - check [www.daikin.co.uk/ECA](http://www.daikin.co.uk/ECA) to obtain statement of eligibility.

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



FTXM20-42N



RZAG35A



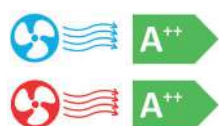
BRC073  
(optional)



ARC466A33



BRP069B42  
(optional)



**WI-FI ADAPTOR**

**AVAILABLE AS AN OPTION**

# FTXM-N / RZAG-A

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

| Features                      | Benefits                                                                                                |
|-------------------------------|---------------------------------------------------------------------------------------------------------|
| Flash Streamer                | Creates perfect environment by removing odours and bacteria                                             |
| Intelligent Eye Sensor        | Reduced running cost by switching to economy mode when the room is empty                                |
| 7 day timer                   | Set a full week of on and off-timings, allowing differences in schedule for week and weekends           |
| Very low noise level          | Quiet operation means the FTXM series are unobtrusive when operating                                    |
| Automatic air-flow adjustment | Can improve comfort levels as the unit will automatically match fan-speed according to room temperature |

| Indoor Units                                |                           |        | FTXM35N             | FTXM50N             | FTXM60N             |
|---------------------------------------------|---------------------------|--------|---------------------|---------------------|---------------------|
| Capacity                                    | UK Total Cooling          | kW     | 3.42                | 4.56                | 5.76                |
|                                             | UK Sensible Cooling       | kW     | 2.56                | 3.14                | 3.39                |
|                                             | Nominal Cooling           | kW     | 3.5                 | 5.0                 | 6.0                 |
|                                             | Nominal Heating           | kW     | 4.0                 | 6.0                 | 7.0                 |
| Seasonal Efficiency<br>(EN14825)<br>COOLING | Energy Label              |        | A++                 | A++                 | A++                 |
|                                             | Pdesign                   | kW     | 3.4                 | 5.0                 | 6.0                 |
|                                             | SEER                      |        | 7.70                | 7.41                | 6.90                |
| Seasonal Efficiency<br>(EN14825)<br>HEATING | Energy Label              |        | A++                 | A++                 | A+                  |
|                                             | Pdesign                   | kW     | 2.5                 | 4.6                 | 4.6                 |
|                                             | SCOP                      |        | 4.60                | 4.60                | 4.35                |
| Nominal Efficiency                          | EER/COP                   |        | 4.30 / 3.85         | 4.00 / 4.00         | 4.60 / 3.50         |
| Air Flow Rate (Cooling)                     | High / Nom / Low / Silent | m³/sec | 0.210/-/0.107/0.077 | 0.275/-/0.193/0.172 | 0.285/-/0.200/0.178 |
| Dimensions                                  | Height                    | mm     | 294                 | 300                 | 300                 |
|                                             | Width                     | mm     | 811                 | 1040                | 1040                |
|                                             | Depth                     | mm     | 272                 | 295                 | 295                 |
|                                             | Weight                    | kg     | 10                  | 14.5                | 14.5                |
| Sound Pressure (Cooling)                    | High / Nom / Low / Silent | dBA    | 45/-/29/19          | 46/-/37/34          | 46/-/37/34          |
| Sound Pressure (Heating)                    | High / Nom / Low / Silent | dBA    | 39/-/28/20          | 43/-/34/31          | 45/-/36/33          |
| Sound Power (Cooling)                       |                           | dBA    | 60                  | 59                  | 60                  |

| Outdoor Units             |                             |             | RZAG35A               | RZAG50A                | RZAG60A                |
|---------------------------|-----------------------------|-------------|-----------------------|------------------------|------------------------|
| Dimensions                | Height x Width x Depth      | mm          | 820 x 1050 x 480      | 820 x 1050 x 480       | 820 x 1050 x 480       |
| Weight                    |                             | kg          | 52                    | 52                     | 52                     |
| Electrical Details        | Power Supply                |             | 1ph                   | 1ph                    | 1ph                    |
|                           | Maximum Input Current (MCA) | A           | 14.48                 | 14.83                  | 16.70                  |
|                           | Max Fuse Size               | A           | 16                    | 16                     | 20                     |
|                           |                             |             |                       |                        |                        |
| 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           | 50                    | 50                     | 50                     |
|                           | Maximum Vertical Rise       | m           | 30                    | 30                     | 30                     |
|                           | Precharged to               | m           | 30                    | 30                     | 30                     |
|                           | Additional charge           | g/m         | 20                    | 20                     | 20                     |
|                           | Holding charge              | kg          | 1.55                  | 1.55                   | 1.55                   |
| Sound Pressure (Cooling)  | Nominal                     | dBA         | 48                    | 49                     | 50                     |
| Sound Pressure (Heating)  | Nominal                     | dBA         | 48                    | 49                     | 50                     |
| Sound Power (Cooling)     |                             | dBA         | 62                    | 63                     | 64                     |
| Operating Range (Cooling) | Min / Max                   | °CDB        | -20 / +52             | -20 / +52              | -20 / +52              |
| Operating Range (Heating) | Min / Max                   | °CWB        | -20 / +24             | -20 / +24              | -20 / +24              |
| Air Flow Rate (Cooling)   | High                        | m³/sec      | 0.918                 | 0.918                  | 0.918                  |

|              |                                                                                     |                                                                                       |                                                                                       |
|--------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ECA Eligible |  |  |  |
|--------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|

| Accessory Ref | Description                                                                 |
|---------------|-----------------------------------------------------------------------------|
| BRC073        | Optional wired remote controller BRC1E53A style - Connection cable required |
| BRCW901A03    | 3m connection cable for BRC073                                              |
| BRCW901A08    | 8m connection cable for BRC073                                              |
| BRP069B42     | Wifi adaptor for connection to on-line controller                           |
| K.CGM         | Condensing unit guard size 42-71                                            |
| K.CGS         | Condensing unit guard size 20-35                                            |

| Accessory Ref | Description                                                        |
|---------------|--------------------------------------------------------------------|
| 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                        |
| KLIC-DD       | KNX interface for Split type systems                               |
| KRP928A2S     | Adaptor PCB for interface to Daikin centralised control systems    |
| KRP413A1S     | Adaptor PCB for remote on/off control - constant/pulse contact     |
| RTD-RA        | Adaptor PCB for Modbus connection and/or extended system functions |

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