

Technical Product Submittal – i-32V510

| | |
|---|-------------------------|
| Model Number: | 10 |
| HEATING | |
| (1) Min. Input Power (kW): | 2.28 |
| (1) Min. Heating Capacity (kW): | 5.33 |
| (1) Nom. Heating Capacity (kW): | 10.1 |
| (1) Max. Heating Capacity (kW): | 11.6 |
| (2) Max. Input Power (kW): | 2.80 |
| (2) Min. Heating Capacity (kW): | 5.18 |
| (2) Nom. Heating Capacity (kW): | 9.76 |
| (2) Max. Heating Capacity (kW): | 11.2 |
| (1) C.O.P. (W/W): | 4.43 |
| (2) C.O.P. (W/W): | 3.48 |
| S.C.O.P. (W/W): | 4.53 |
| Water Flow Rate (L/s): | 0.47 |
| ERP Efficiency Class (Water @ 35°C/55°C): | A+++/A++ |
| COMPRESSOR | |
| Compressor Type: | Twin Rotary DC Inverter |
| Number of Compressors: | 1 |
| REFRIGERANT | |
| Refrigerant Type: | R32 |
| FANS | |
| Fan Type: | DC Brushless Motor |
| Number of Fans: | 1 |
| INTERNAL HEAT EXCHANGER | |
| Type of Heat Exchanger: | Plates |
| Number of Heat Exchangers: | 1 |
| Water Content (L): | 1.2 |
| Heat Exchanger Pressure Drop (kPa): | 9.7 |
| WATER CIRCUIT | |
| Water Content of Hydraulic Circuit (L): | 1.8 |
| Max. Water Side Pressure (bar): | 6 |
| Min. Water Volume (L): | 50 |
| Max. Circulator Output (kW): | 0.08 |
| ELECTRICAL DATA | |
| Power Supply (V): | 230 |
| Max. Input Power (kW): | 4.6 |
| Max. Input Power w/Antifreeze Kit (kW): | 4.8 |
| NOISE LEVEL | |
| Sound Power Level (dB): | 64 |
| Sound Pressure Level @ 10m (dB): | 32.7 |
| WEIGHT | |
| Operating Weight (kg): | 96 |

Performance referring to the following conditions, according to standard 14511:2018:

1. Heating: outdoor air temperature 7°C DB/6°C WB*; in/out water temp 30/35°C.
2. Sound power level: heating mode condition (1); value calculated based on measurements made in accordance with standard UNI EN ISO 9614- 2, compliant with the requirements of the Eurovent certification.
3. Sound pressure level: value calculated from the sound power level using ISO 3744:2010.

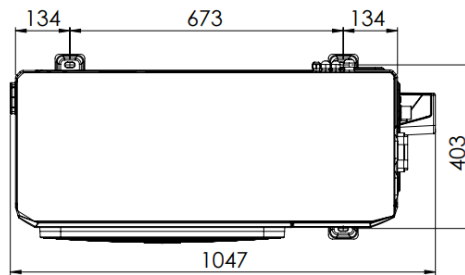
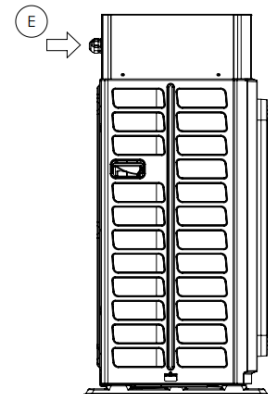
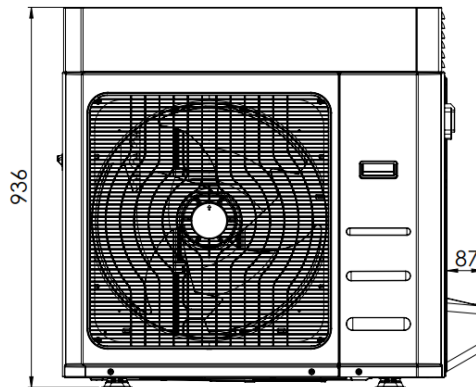
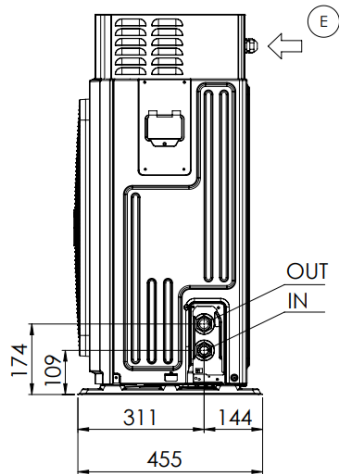
*DB & WB represent dry-bulb and wet-bulb air temperatures respectively



Rinnai

sales@rinnaiuk.com | 01928 531870

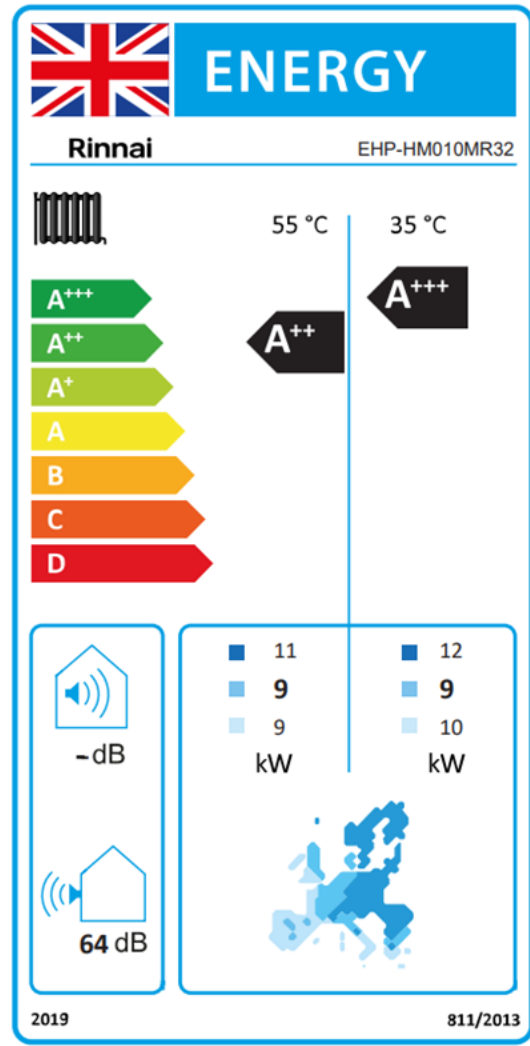
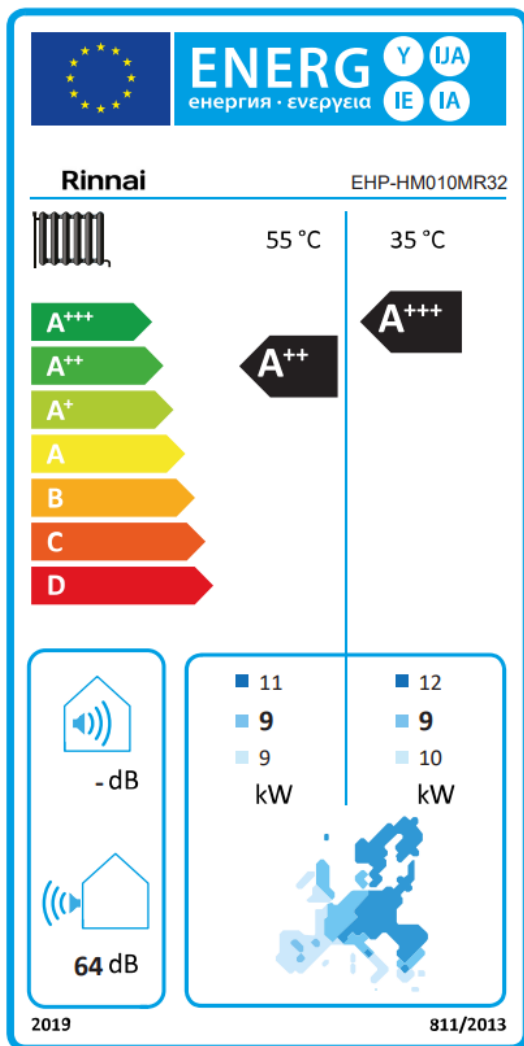
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Data label and Product Fiche – i-32V510



| Product Fiche | | Unit |
|---------------------------------|------------|------|
| Supplier's Name | Rinnai UK | |
| Supplier's Model | i-32V510 | |
| ERP Efficiency Class | A+++ / A++ | |
| COP ₁ | 4.43 | W/W |
| COP ₂ | 3.48 | W/W |
| SCOP | 4.53 | W/W |
| Heating Input ₁ | 2.28 | kW |
| Heating Input ₂ | 2.80 | kW |
| Temperature Setting* | 60 | °C |
| Refrigerant Type | R32 | |
| Indoor Sound Power Level (LWA) | 64 | dB |
| Sound Pressure Level @ 10m (dB) | 32.7 | dB |



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