

HRV3 Q Plus

Highly Energy Efficient Heat Recovery Ventilation Unit



For use in large sized dwellings

Suitable for larger dwellings, the revolutionary HRV3 Q Plus continuously running whole house ventilation unit with heat recovery is independently tested by the BRE and is EST Best Practice compliant. The HRV3 Q Plus gives cutting edge performance usually only associated with much larger and more costly products. The combination of very low power

consumption and a highly efficient heat exchanger is specifically designed to enhance SAP performance via Appendix Q, yet small enough to be easily incorporated into medium sized dwellings. The HRV3 Q Plus is now available with improved features and in three model options, two of which include Summer Bypass.



Features & Benefits

- **Compact unit can be fitted in service cupboards or loft spaces**
- **Very low power consumption / specific fan power**
- **Constant volume fans**
- **Highly efficient heat exchanger; up to 90%**
- **Three versions available (all the same dimensions): 'Standard', 'Summer Bypass and Duct Heater Connection', or 'Summer Bypass c/w SUMMERboost and Duct Heater Connection'**
- **Standard version has a Summer Mode feature to help reduce dwelling overheating**
- **Intelligent controller, quick and easy to commission**
- **Fully adjustable boost overrun timer 0-60 minutes; can be used with non-latching (momentary) switches to prevent from being accidentally left in boost mode**
- **Accepts 125mm or 150mm diameter ducting, no adaptors required**
- **Intelligent frost protection, stepped reduction of supply air rates prevents freezing**
- **Setback option for unoccupied periods**
- **Demand Control Ventilation ready**
- **Volt free switching control**
- **G3 filters as standard, G4 & F7 options**
- **Lightweight for easy handling**
- **Quick fix via mounting bracket**
- **Patented**

Product Codes

TP402A

Filter: XP40132/099

TP402ABD (with Summer Bypass and Duct Heater Connection)

TP402ABS (with SUMMERboost, Summer Bypass and Duct Heater Connection)

G3 filter: XP40133/099

G4 filter: XP46133/099

Standards

Conforms to requirements of UK statutory Building Regulations and Technical Standards for Ventilation. SAP Appendix Q tested (www.sap-appendixq.org.uk).

Exceeds requirements of Building Regulations Approved Document L (England & Wales).

EU RoHS Directive compliant.

Conforms to requirements of EC council directives relating to Electromagnetic Compatibility and Electrical Safety:

2006/95/EC (LVD), 2004/108/EC (EMC) EN 60335-1:2002/A2:2006, EN 60335-2-80:2003/A1:2004. CE Marked.

Other non-UK info available on request.

Specification

Dimensions: 715mm wide x 490mm high (excluding ports) x 415mm deep (426mm with mounting bracket)

Weight: 24.5kg

Finish: White Paint

Materials

Housing: Zintec sheet steel housing, powder coated white

Internals: Expanded polypropylene (EPP)

Heat exchanger: Polystyrene

Internal insulation: Closed cell foamed Nitrile rubber, class 'O' fire rating

Standard filters: Grade G3 synthetic filters, flame resistance to BS5588

Guarantee period: 3 years (UK only)

Electrical: 230V 50Hz

Installation: Install in accordance with Good Practice, such as the Domestic Ventilation Compliance Guide (England & Wales) and the Residential Ventilation Association recommendations.

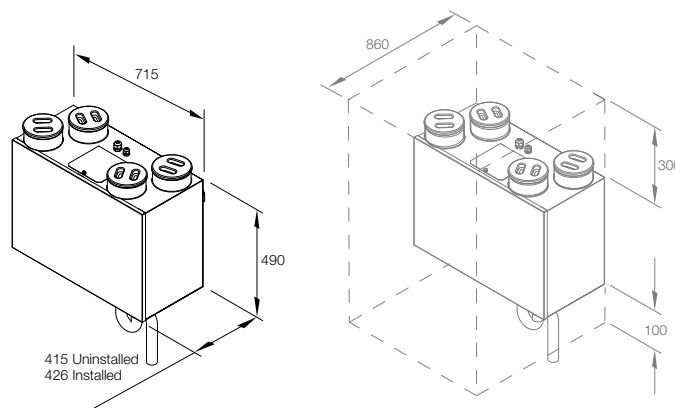
Maintenance: Annual Service and filter change recommended. Uses long life washable grade G3 filters.

More information

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Details



Performance

Exhaust terminal configuration*	Fan speed setting	Specific fan power (W/l/s)	Heat exchange efficiency (%)	Energy Saving Trust Best Practice Performance Compliant
Kitchen + 3 additional wet rooms	100% variable	0.66	90	Yes
Kitchen + 4 additional wet rooms	100% variable	0.78	89	Yes
Kitchen + 5 additional wet rooms	100% variable	0.91	88	Yes
Kitchen + 6 additional wet rooms	100% variable	1.05	88	No
Kitchen + 7 additional wet rooms	100% variable	1.22	87	No

Figures taken from the BRE Test Results

*Number of wet rooms is based on SAP Q test criteria and does not correlate directly with regulatory performance requirements

Noise Performance - details on request

Nominal Fan Performance

