

HRV1 Q Plus

Highly Energy Efficient Heat Recovery Ventilation Unit

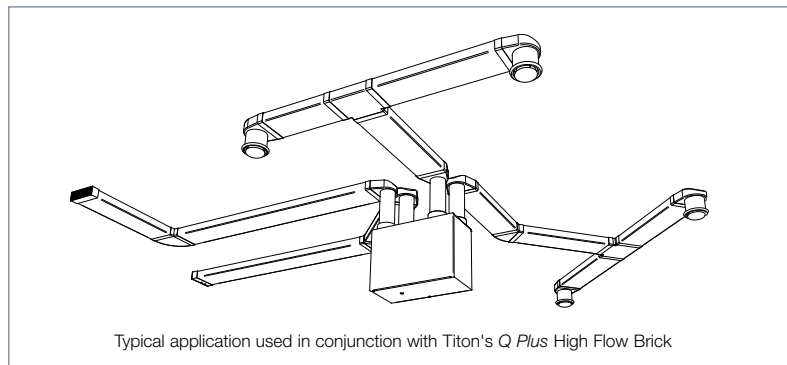
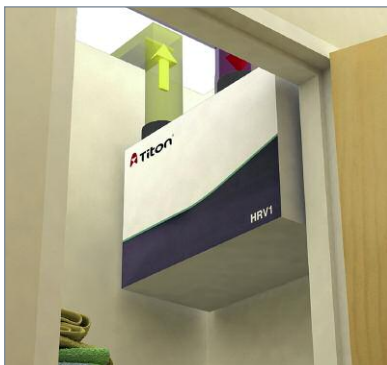


Primarily for use in dwellings with three wet rooms or fewer

The revolutionary ultra compact HRV1 Q Plus continuously running whole house ventilation unit with heat recovery is independently tested by the BRE and is EST Best Practice compliant. The HRV1 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 apartments and smaller houses where space is at a premium. HRV1 Q Plus units are the unit of choice for a number of major UK house builders.



Typical application used in conjunction with Titon's Q Plus High Flow Brick

Features & Benefits

- **Very compact unit can be fitted in small cupboards or loft spaces**
- **Very low power consumption / specific fan power**
- **Highly efficient heat exchanger; up to 91%**
- **Summer Mode 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 100mm or 125mm 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**
- **Very lightweight for easy handling**
- **Quick fix via mounting bracket**
- **Patented**

Product Code

TP400A

G3 filters: XP40032/099

G4 filters: XP46022/099

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: 600mm wide x 430mm high (excluding ports) x 285mm deep (295mm with mounting bracket)

Weight: 16kg

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

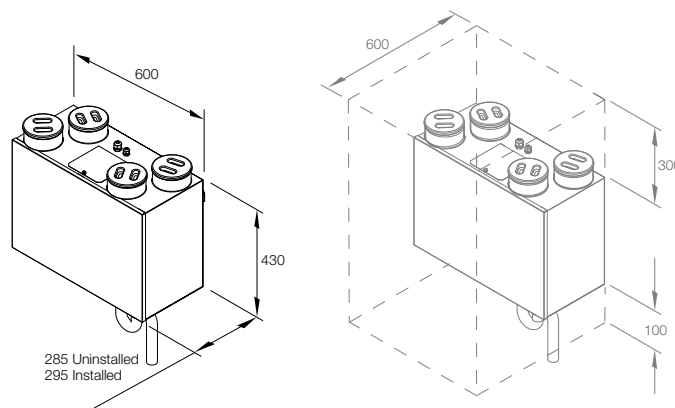
Maintenance: Annual Service and filter change recommended. Uses long life washable grade G3 filters.

More information

www.titon.com / 01206 713800

ventsystems@titon.co.uk

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 + 1 additional wet room	100% variable	0.70	91	Yes
Kitchen + 2 additional wet rooms	100% variable	0.70	89	Yes
Kitchen + 3 additional wet rooms	100% variable	0.72	89	Yes
Kitchen + 4 additional wet rooms	100% variable	0.90	88	Yes
Kitchen + 5 additional wet rooms	100% variable	0.99	87	Yes

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

