

HRV2 Q Plus

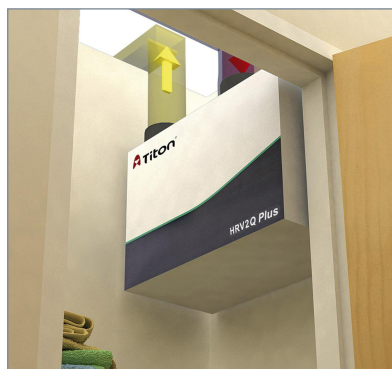
Highly Energy Efficient Heat Recovery Ventilation Unit



For use in medium to large sized dwellings

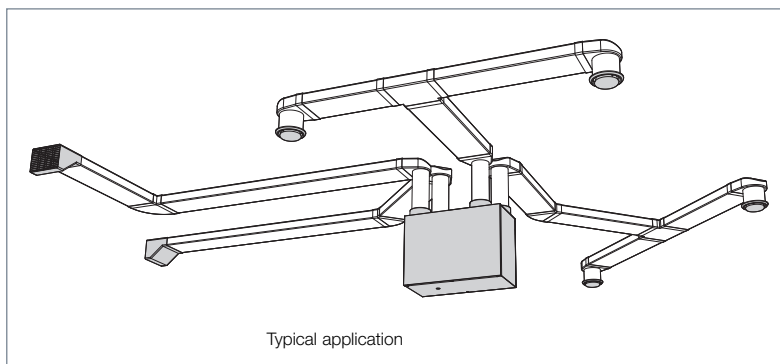
The revolutionary compact HRV2 Q Plus whole house ventilation unit, independently tested by the BRE and shown to be EST Best Practice compliant, is a unique heat recovery ventilation unit. The HRV2 Q Plus gives cutting edge performance usually only associated with much larger and more costly products.

The combination of very low power consumption and a highly efficient heat exchanger is specifically designed and manufactured to enhance SAP performance via Appendix Q of Part L, yet small enough for their performance to be incorporated into medium sized dwellings.



Features & Benefits

- **Compact** - unit is small and can be fitted in cupboards or loft spaces.
- **Very low power consumption / specific fan power**
- **Highly efficient heat exchanger** - up to 90%, extremely efficient for its size
- **Independently SAP Q tested by the BRE**
- **EST Best Practice compliant** - assists in achieving high dwelling energy efficiency ratings.
- **Easy installation** with quick fix mounting bracket.
- **Standard 15mm condensate drain connection.**
- **Quick commissioning facility** with 5 or 10 minute boost over-run.
- **Full commission facility** for ultimate efficiency with 5, 10 15 or 20 minute boost over-run.
- **Ports accept 125mm or 150mm diameter ducting**, no adaptors required.
- **Frost protection.**
- **Versatile energy saving boost control** with adjustable over-run timer, when used with non-latching (momentary) switch unit cannot be accidentally left in boost mode.
- **Demand Control Ventilation ready.**
- **Lightweight, 24kg** - saves transit/handling costs and installation time.
- **Full range of ducting and ancillaries available.**
- **Patent Applied For**



Typical application

Description

Titon HRV2 Q *Plus* whole house central mechanical supply and extract unit with heat exchanger.

Product Code

TP401

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.

Specification

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

Weight: 24kg

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
Filters: Grade G3 synthetic filters, flame resistance to BS5588

Guarantee period: 3 years

Electrical: 230V 50Hz

Installation: Install in accordance with Residential Ventilation Association Good Practice recommendations - details on request.

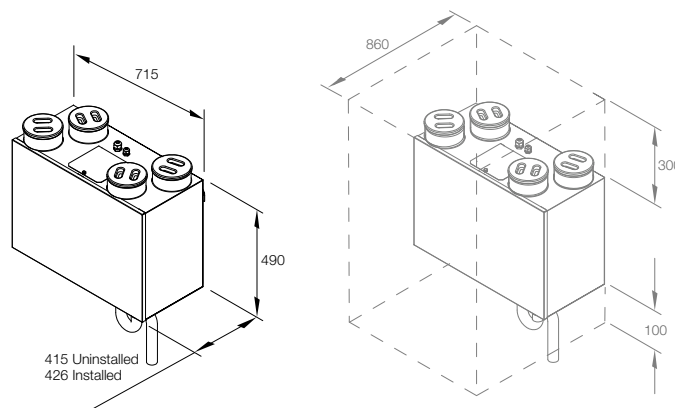
Maintenance: Annual Service and filter change recommended. Uses long life washable grade G3 filters.

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 + 1 additional wet room	-	-	-	-
Kitchen + 2 additional wet rooms	100% variable	0.63	90	Yes
Kitchen + 3 additional wet rooms	100% variable	0.69	90	Yes
Kitchen + 4 additional wet rooms	100% variable	0.77	89	Yes
Kitchen + 5 additional wet rooms	100% variable	0.91	88	Yes
Kitchen + 6 additional wet rooms	100% variable	1.04	88	No
Kitchen + 7 additional wet rooms	100% variable	1.23	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

