

# HRV2 Q Plus

## Highly Energy Efficient Heat Recovery Ventilation Unit



### For use in medium to large sized dwellings

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

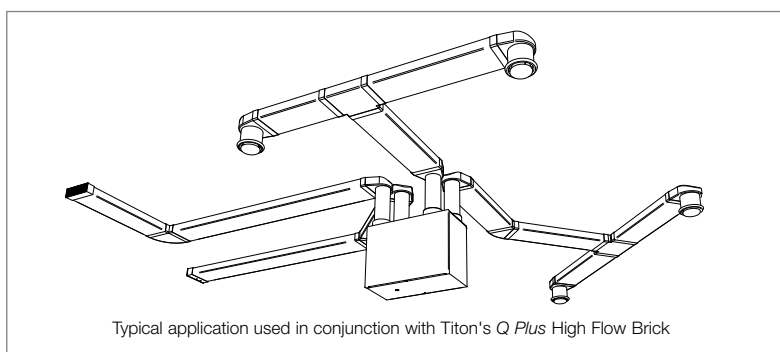
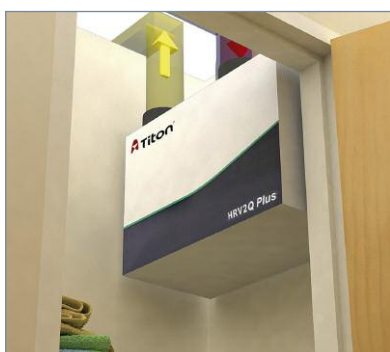
The combination of very low power consumption and a highly efficient

heat exchanger is specifically designed to enhance SAP performance via Appendix Q, yet small enough to be easily incorporated into medium sized dwellings. The HRV2 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 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 Code

### TP401A

Filter: XP40132/099

**TP401ABD** (with Summer Bypass and Duct Heater Connection)

**TP401ABS** (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](http://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:** 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

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 - details on request.

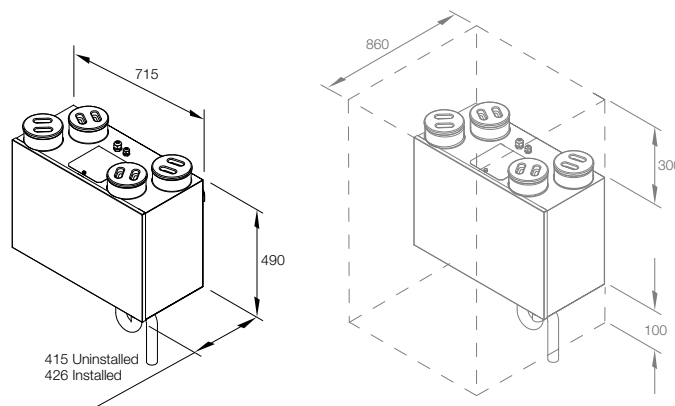
**Maintenance:** Annual Service and filter change recommended. Uses long life washable grade G3 filters.

## More information

[www.titon.com](http://www.titon.com) / 01206 713800

[ventsystems@titon.co.uk](mailto: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	-	-	-	-
<b>Kitchen + 2 additional wet rooms</b>	100% variable	<b>0.63</b>	<b>90</b>	<b>Yes</b>
<b>Kitchen + 3 additional wet rooms</b>	100% variable	<b>0.69</b>	<b>90</b>	<b>Yes</b>
<b>Kitchen + 4 additional wet rooms</b>	100% variable	<b>0.77</b>	<b>89</b>	<b>Yes</b>
<b>Kitchen + 5 additional wet rooms</b>	100% variable	<b>0.91</b>	<b>88</b>	<b>Yes</b>
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

