



Greenwood
AIRVAC

For Life Indoors

Greenwood Airvac are a market leading domestic ventilation manufacturer offering an **extensive range of whole house heat recovery systems**, including the most efficient unit available in the UK today*

Delivering a cutting edge performance of 93% heat recovery and just 0.47W/l/s/ (watts per litre per second), Fusion HRV2, the UK's most efficient heat recovery system is also 33% smaller and 36% lighter than other products of similar energy performance available on the market.

* based on information extracted from the full SAP Appendix Q report which can be downloaded from www.sap-appendixq.org.uk as at August 2009.



Fusion HRV1



HRV95



Fusion HRV2



T: 01903 771021 Email: info.greenwood.co.uk

Download full product specification from: www.greenwood.co.uk

HEAT RECOVERY AND VENTILATION

Heat Recovery is a whole house ventilation system that runs continuously. It works by both supplying and extracting air throughout the dwelling and, via sophisticated heat transfer technology, capturing the heat from extracted air, that would otherwise be expelled from the building and returning it to the habitable living and bedrooms.

Why Ventilate?

With increasing emphasis being placed on energy efficiency and carbon reduction in houses, we need to ensure efficiency is twinned with a comfortable and quality indoor environment. Ventilation provides fresh air into your home, protecting the building against condensation and mould growth and ensuring a good level of indoor air quality. It is necessary because everyday activities such as bathing, cooking and showering create excessive steam in the air, which needs to be removed.

Ventilation is a requirement under Building Regulations as detailed in ADF.

The Benefits of a Heat Recovery ventilation system;

- Whole house balanced ventilation systems that continuously provides a supply of fresh filtered air into the dwelling
- Use of recoverable technology that re-uses the heat that would have otherwise have been expelled to the atmosphere
- Units can provide up to an 93% heat transfer
- Reduces space heating demand in the dwelling
- Good levels of indoor air quality from supply air filtration
- Comfortable indoor environment with limited draughts noise ingress due to few penetrations in the façade

SAP Appendix Q

SAP Appendix Q is an industry test for assessing the effectiveness of new products and how they contribute to CO₂ emission reduction in dwellings through SAP (standard assessment procedure). Manufacturer's products are tested to provide a specific fan power performance that can be used to calculate 'energy saving' which is re-entered into the SAP calculation process.

The Appendix Q process highlights the markets most efficient domestic ventilation products, offering an opportunity for new innovations and technologies to be recognised for improved performance and transferred into a value and benefit when specified and installed in the built environment.

Fusion HRV2 from Greenwood has achieved top ranking in SAP Appendix Q and also EST (energy saving trust) performance levels.



Heat Recovery and Ventilation

CODE	DESCRIPTION	MANUFACTURERS CODE	£ EX VAT
HGRV95WR	Luxury Right Heat Rec Unit 400m/3h @95%	HRV95WR	00.00
HGRV95WL	Luxury Left Heat Rec Unit 400m/3h @95%	HRV95WL	
HGHRV95R	Right Heat Recovery Unit 400m/3h @95%	HRV95R	
HGHRV95L	Recovery Unit 400m/3h @95%	HRV95L	
HGHRV100	Heat Recovery Unit	HRV1	
HGRV1FIL	Filter Set For HRV1	HRV1FIL	

