



**ENVIRONMENTAL  
ASSURANCE**

## **ENVIRONMENTAL PRODUCT DECLARATION**

LN: HRV-2009

Ventilation Australia Pty Ltd

Standard:  
GECA 08-2007 – Environmentally Innovative  
Products

Conformance Declaration Date:  
6<sup>th</sup> April 2009



**Environmental  
Assurance**

*“ensuring accurate environmental  
testing and verification of  
conformance”*

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standards”*

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Certified Products



# environmental solutions for sustainable markets in Australia

The Environmental Choice Australia Mark ecolabelling program is the national product life cycle environmental declaration based on internationally recognized standard setting and assessment methodology.

The national program is managed by two distinct organisations:

Good Environmental Choice Australia Ltd. is the standard setting and sustainable consumption market promotions body which develops and declares the ecolabelling standards defining product environmental preference in conformance to ISO 14 024 – International Standard for Third Party Environmental Labelling and Declaration ([www.geca.org.au](http://www.geca.org.au)). GECA is an independent non-profit environmental research and ecolabeling standard setting organisation recognised as the Australian member of an international network of ecolabelling schemes under the Global Ecolabelling Network.

Environmental Assurance (also trading as Good Environmental Choice Services Pty Ltd) is the auditing and certification body with responsibility for product assessment, certification and licensing of products against the declared standards ([www.eassurance.com.au](http://www.eassurance.com.au)). GECS is the assessment body for this Program with expertise specific to quality product environmental performance auditing following the principles of ISO 14 010 and ISO 14 024 in it's audit and certification services.

Following an independent audit against the recognition requirements of the Australian Program this declaration outlines key environmental performance attributes of products that have been awarded the "Environmental Choice Australia" label for the Australian market. The Ecolabel is awarded to those products that meet or exceed voluntary standards of environmental performance.

The objectives of the program are to:

- a) Provide incentives for suppliers to reduce the environmental impacts of products sold in Australia;
- b) Provide a clear, credible and independent guide to consumers wishing to take account of environmental factors in their purchasing decisions;
- c) Encourage consumers to purchase products which have lower environmental impacts;
- d) Recognize genuine moves by companies to reduce the adverse environmental impacts of their products;
- e) Aim ultimately to improve the quality of the environment and to encourage the sustainable management of resources.

#### DISCLAIMER:

This report has been prepared by Good Environmental Choice Services Pty Ltd (Environmental Assurance) in respect of a Client's assessment results for product conformity to the requirements of the respective Good Environmental Choice Australia Ltd (GECA) standard. The purpose of this public report is to present summary evidence and overview of the Client's product conformity with the standards or other criteria specified. The content of this report applies only to matters which were evident to Environmental Assurance at the time of the audit within the audit scope. Environmental Assurance does not warrant or otherwise comment upon the suitability of the contents of the report or the certificate for any particular purpose or use. Environmental Assurance accepts no liability whatsoever for consequences to, or actions taken by, third parties as a result of or in reliance upon information contained in this report.

## CERTIFICATION FINDINGS

The HRV Systems manufactured by Ventilation Australia have been assessed against the GECA 08-2007 – Environmentally Innovative Products Standard, and awarded the Environmental Choice Australia Eco-Label.

### 1. MANUFACTURER DESCRIPTION

#### Ventilation Australia a Limited Partnership

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Ventilation Australia is the Australian Master Franchise operating from 58 Carroll Road, Oakleigh, and owns the rights to the HRV technology, business model and brand that have been developed since around 2002.

The Australian HRV network has its head office located in Melbourne and there are currently 26 HRV Franchises operating across Australia and New Zealand.



Companies leading  
Australia's environmental  
response at work.



## 2: REGISTERED PRODUCTS

### LN: HRV-2009

The following HRV Australia products have been awarded the Environmental Choice Australia Declaration:

PRODUCT NAME	PRODUCT DESCRIPTION
HRV System	Energy efficient home ventilation.

### HRV System

The HRV system comprises of a fan and filter enclosed in metal box and is installed in the Apex of the homes roof cavity. Digital sensors located in the system in the roof and within a controller in the centre of the house determine the temperature differential between the two.

The HRV system then calculates how much air to deliver into the home, through a network of ducting into each room, to contribute to the homes heating or cooling requirements in order to achieve a set (or desirable) temperature.

A hospital grade filtration media, housed after the fan motor, ensures the risk of dust and pollens entering are greatly reduced.



Products with a distinctive  
environmental edge.



### 3. KEY ENVIRONMENTAL PERFORMANCE FINDINGS

The key environmental performance criteria against which the HRV Australia products were assessed, and the findings by Environmental Assurance, are provided below.

Criterion	Core Environmental Performance Characteristics
Fitness for Purpose	GECS has received test reports including positive customer feedback and an external audit report demonstrating the quality and market suitability of this product. In addition this product has a warranty of three years.
Environmental Load Reduction	The HRV system has been through a life cycle assessment and the results calculated by Simapro 7.0 shows that HRV systems does have the minimum 30 % environmental load reduction.
Material Requirements	HRV has provided evidence that protective measures have been implemented and the pathway of exposure to hazardous materials does not exist.
Post Consumer Recycling	This product is not coated or treated in any way that would prevent post consumer recycling.
Packaging Requirements	The packaging material of this nominated product is recyclable and does not contain any hazardous material. The available product information sufficiently covers correct use, care and recycling instructions.
Environmental Regulations	HRV is in compliance with Australian environmental regulations and has not been prosecuted for violations to environmental regulations in the past 24 months
Labour, Anti-Discrimination and Safety Regulations	HRV is in compliance with Australian social and workplace requirements and has not been prosecuted for violations to labour, anti-discrimination or safety regulations in the past 24 months.

Quantifying key criteria for  
assurance to the market.

## FURTHER INFORMATION

A detailed Verification report is supplied to verified manufacturers regarding the findings of environmental characteristics of their products and evidence of compliance. The verification report can be made available at the sole discretion of the manufacturer.

This EPD has been made available for green purchasing officers, specifiers, and every day Australians seeking to purchase products and services on the basis of functional and overall environmental and human health performance.



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## FURTHER INFORMATION ON THE WEB

The Australian Ecolabel Program is the national environmental product life cycle labelling program for Australia. Further details of the Australian Ecolabel Program are available from [www.eassurance.com.au](http://www.eassurance.com.au) and [www.geca.org.au](http://www.geca.org.au).