

# HR100W/WH Single Room Heat Recovery Unit



## Features and Benefits

- Designed for installation in bathrooms/toilets.
- Meets building regulations for bathrooms and toilets.
- Eliminates mould.
- Controls condensation.
- 70% Heat Recovery.
- Meets the Building Regulation for domestic bathrooms & toilets.

## Heat Recovery Ventilation

The Vent-Axia HR100W range is designed for continuous operation providing up to 70% Heat Recovery. Effectively controlling internal relative humidity.

The Vent-Axia HR100WH unit comes complete with integral humidity sensor and controls condensation and reduces mould.

Fresh pre-warmed air from the outside is continuously provided to the room with simultaneous extraction of stale, moist air.

An integral heat exchanger transfers heat from the outgoing stale air to the fresh air supply, raising the temperature of the fresh air and most importantly reducing the Relative Humidity of the supply air to the room.

The HR100WH has a two speed motor which provides for constant low rate ventilation automatically switching to boost speed on rising humidity level of approximately 70% relative humidity at 20°C. This level can easily be adjusted by removing the front cover and heat exchanger to reveal the adjustment spindle.

## Installation

HR100W/WH units require a 240mm x 160mm hole.

The telescopic flange (adjustable to fit walls 220mm to 280mm thick) covers cutting marks and provides a surface for forming a seal with the external wall surface. An extension sleeve is available for thicker walls up to 500mm (Stock Ref. 370419).

## Maintenance

Filters should be checked every six months or as conditions necessitate. Replacement filters can be purchased in packs of four. (Stock Ref. 370378). The heat exchanger should be washed in warm soapy water every twelve months or as conditions necessitate. Access to the filter and heat exchanger is via two screws on the internal grille.

Filters -  
**Stock Ref 370378**

Extension Sleeve -  
**Stock Ref 370419**

## Models

**HR100W -** DOM  
Provides balanced ventilation with heat recovery and is suitable for installation in bathrooms and toilets.

**Stock Ref 370373**

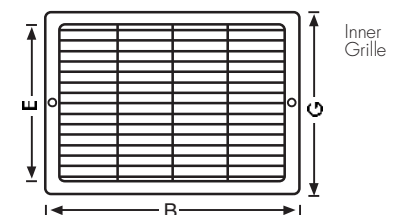
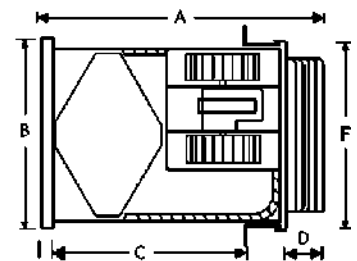
**HR100WH -** DOM  
With built-in Humidity Sensor  
A surface mounted heat recovery ventilation unit for use in bathrooms and toilets, meeting building regulations for this application.

**Stock Ref 370375**

## Dimensions

A	B	C	D	E	F	G
370	270	220-280	68	155	235	195

Weight 4.85kg



## Performance

Model	Extract Performance m³/h		Intake Performance m³/h		Watts		Sound dB(A) @ 3m	
	High	Low	High	Low	High	Low	High	Low
HR100W	77	43	69	38	31	12	35	20
HR100WH	77	43	69	38	31	12	35	20