



**R&M**  
FIXINGS & SUPPORTS LTD

## New Product at R&M Fixings & Supports

### Energy-Saving Ventilation Systems

HR01 is a high efficiency range of Mechanical Ventilation with Heat Recovery (MVHR) appliances which forms part of Polypipe's energy-saving, sustainable ventilation systems.

The units are among the quietest on the market and are light weight and compact for simple, easy installation in kitchen eye-level cupboards or lofts.

The installer friendly and energy-saving duct systems include sound attenuation, condensation control, heat retention and fire stopping system components.

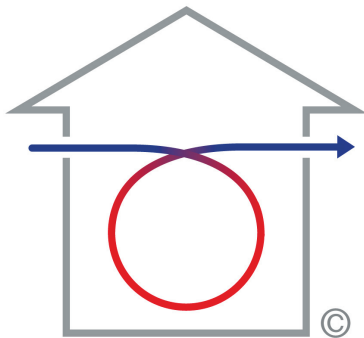
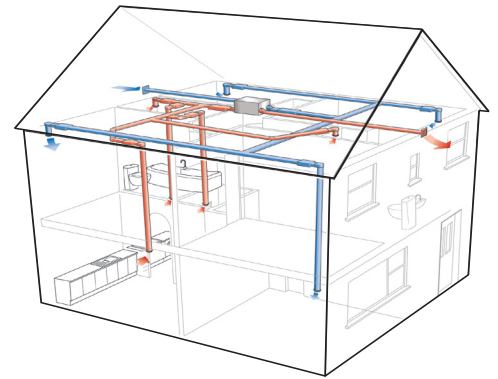
HR01 appliances installed with Polypipe high flow duct systems enable house builders and developers to reduce fuel costs significantly, particularly when needed the most during winter months.

A range of tamperproof control sensors ensure the system runs optimally all year round and all appliances are offered with a three year warranty as standard.

#### HR01 Heat Recovery

The HR01 appliances warm fresh air drawn into the building with the heat from waste stale air using the efficient counter flow heat exchanger. This reduces the need for heating.

HR01 appliances also significantly increase quality of life within the home by delivering fresh, oxygenated, pre-warmed and filtered air to the living and sleeping areas in your home



Heat Recovery

#### HR01 Features

- Polymer heat exchanger
- EST Best Practice compliant
- Tamper proof easy change filters
- Powder coated steel case
- Three year warranty as standard
- Summer bypass variant
- High efficiency duct systems
- Integral run on timer
- High grade filtration
- High SAP Q efficiency figures (90-92%)
- Fixing brackets supplied
- Lightweight
- Supplied with flying lead
- Dual diameter duct connections



## Electrical Details

**Voltage** - 240v 1ph 50Hz

**Consumption** - 75W (max) 0.6 Amp

**Fuse Rating** - 3Amp

(NOTE: Must be earthed)

## Appliance Details

Code	Installation	Spigot Dia.	Fan Speed	Kitchen + 1 Wet Room			Kitchen + 2 Wet Rooms			Kitchen + 3 Wet Rooms		
				W/l/s@min	Heat ex(%)	max l/s	W/l/s@min	Heat ex(%)	max l/s	W/l/s@min	Heat ex(%)	max l/s
HR01W	Wall/Cupboard	100/125	100% Variable	0.59	92	15	0.68	91	21	0.83	90	27
HR01WB	Wall/Cupboard - Summer Bypass	100/125	100% Variable	0.59	92	15	0.68	91	21	0.83	90	27
HR01L	Loft	125/150	100% Variable	0.69	92	15	0.76	91	21	0.76	90	27
HR01LB	Loft - Summer Bypass	125/150	100% Variable	0.69	92	15	0.76	91	21	0.76	90	27
Controls and Filters												
HR01P	PIR Sensor	-	-	-	-	-	-	-	-	-	-	-
HR01H	Humidity Sensor	-	-	-	-	-	-	-	-	-	-	-
HR01M	System Monitor	-	-	-	-	-	-	-	-	-	-	-
HR01FG2	Spare Filter G2 (Wall)	-	-	-	-	-	-	-	-	-	-	-
HR01FG4	Spare Filter G4 (Loft)	-	-	-	-	-	-	-	-	-	-	-

## HR01 VSP On-line System Specification

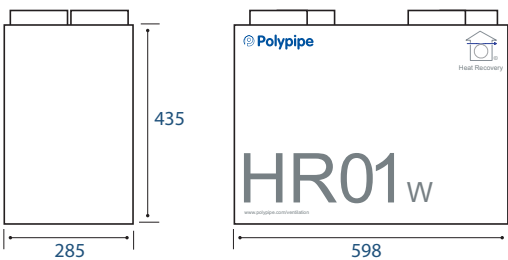
The VSPweb On-line Planner provides a bespoke duct system to match the chosen appliance. Either manually select the appliance from the SAP Appendix Q database or allow the planner to specify the most appropriate high efficiency Polypipe HR01 unit.

Using the information you provide about the property and the selected appliance, a Duct Pack is specified to match the number of inhabitants, size and type of the property as well as the installation and termination location of the appliance and average room sizes based on current building practice.



## HR01 Dimensions

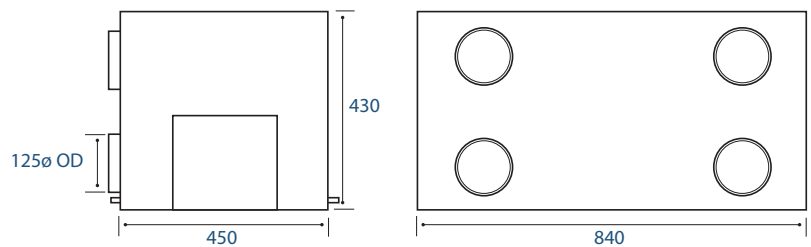
### Wall appliance



Weight 13Kg

All dimensions in mm

### Loft appliance



4 optional 150mm dia. knockout spigots located on the rear of the unit. If required for use cut through the acoustic foam around the circumference of the knockouts.

Weight 21Kg

For more information on this product contact us

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