



Heatrec 1003



Heatrec 1003

- 3 speed centrifugal fan for any domestic wet room
- energy efficient EC motors
- efficient, low energy solution to controlling condensation and pollution
- provides low level continuous ventilation
- with summer bypass and frost-stat
- up to 75% heat exchange efficiency
- choice of two low (trickle) speeds
- speed can be boosted by user
- low noise levels and running costs
- complies with Building Regulations



Heatrec 1003

GENERAL FEATURES

- single room heat recovery unit for new build or refurbishment
- for areas up to 40m²
- up to 75% of heat recovered
- easy to install and maintain
- for installation into walls - can be rotated to four positions
- two low (trickle) speeds
 - speed 1: 5 litres/sec
 - speed 2: 7.5 litres/sec
- boost speed (15 litres/sec) triggered by user with integral pull-cord or a remote switch
- tube heat recovery cell available in 400mm, 500mm or 600mm lengths
- heat recovery tube incorporates condensate drainage and weather louvre
- termination kit enables complete installation from inside (easy to install in high rise buildings)
- low noise levels
- low running costs
- 5 year warranty

TECHNICAL FEATURES

- efficient and economical
- casing from shockproof, high quality technopolymer
- low energy EC motors
- operates in temperature up to 40°C
- easy to maintain
- filters and heat exchanger removable and washable
- IPX4 rated (SELV models IPX7)

SUMMER BYPASS

The Heatrec 1003 has sensors which monitor the air intake and extract. When the outside temperature is comfortable and the inside ambient temperature is lower than 18°C, the air extract motor will be automatically switched off, whilst the air intake motor will continue to operate, ensuring a quick and efficient change of air inside the room. When the outside temperature is higher than 26°C, the air intake motor will be switched off to ensure ventilation without increasing the temperature.

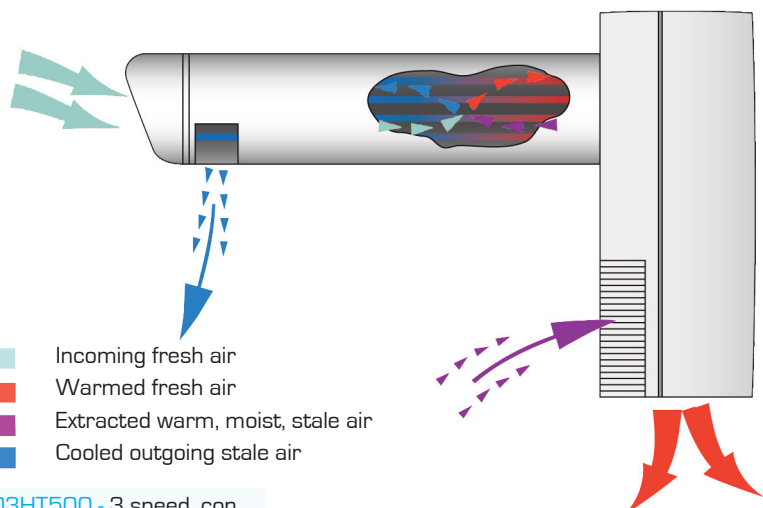
INTEGRAL FROST-STAT

The unit is fitted with an internal thermostat, which automatically stops the air intake if there is a risk of the heat exchanger freezing up (when the outside temperature is too low) and also avoiding the intake of very cold air

COMPLIES WITH

- Building Regulations for enhanced energy saving capability
- Building Regulations for reliable, efficient ventilation
- EU RoHS Directive Compliant.
- Complies with IEC60335-2-80, LVD2006/95/CE and EMC2014/30/UE (European Directive against radio interference and electro-magnetic compatibility)
- CE marked

TYPICAL SPECIFICATION AVAILABLE AT
<http://www.vectaire.co.uk/downloads>



MODELS AVAILABLE:

- **HREC1003** - 3 speed, continuous running with pull-cord, 400mm tube
- **HREC1003T** - 3 speed, continuous running with timer and pull-cord, 400 mm tube
- **HREC1003HT** - 3 speed, continuous running with timer, humidistat and pull-cord, 400 mm tube

- **HREC1003HT500** - 3 speed, continuous running with timer, humidistat and pull-cord, 500 mm tube
- **HREC1003HT600** - 3 speed, continuous running with timer, humidistat and pull-cord, 600 mm tube

All above models available in SELV versions.
 Timer adjustable from 0-30 minutes
 Humidistat relative humidity adjustable between 40-90%.

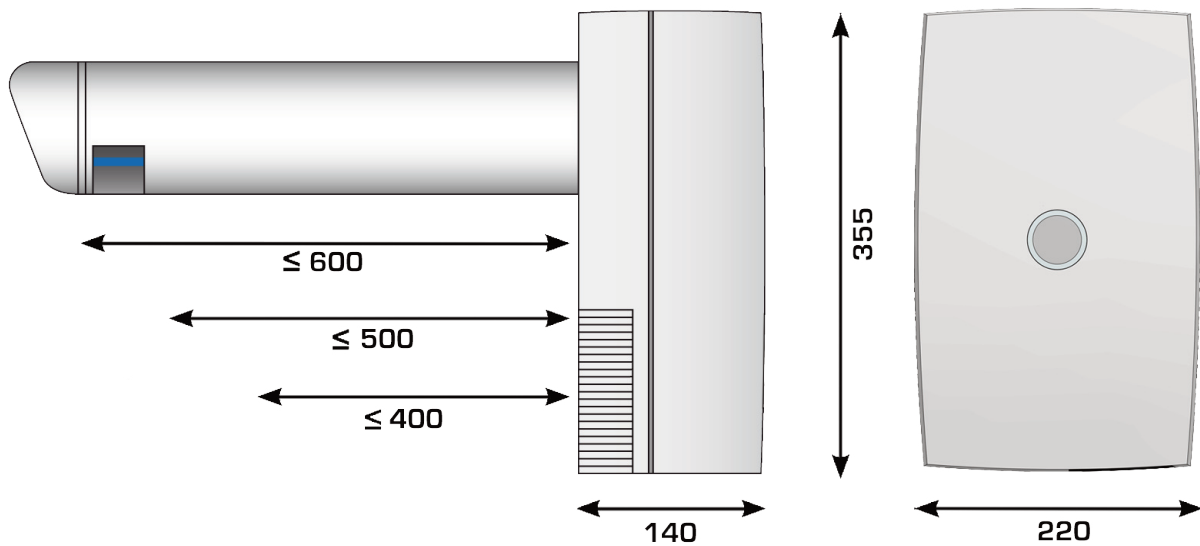
Vectaire Ltd can supply all accessories for use with these units, including product filters, air filter cassettes, silencers, fire dampers, air valves, ducting, outside grilles and wall cowls. Additionally, Vectaire offers a design service to ensure that the unit installed is the best possible to provide efficient, effective, low energy and low running cost ventilation. Vectaire can also organise installation, commissioning and maintenance of these products.

Heatrec 1003

TECHNICAL CHARACTERISTICS									
Model	Airflow l/sec			Power - Watts			dBA (@ 3m in free field)		
	Trickle 1	Trickle 2	Boost	Trickle 1	Trickle 2	Boost	Trickle 1	Trickle 2	Boost
HREC1003	5	7.5	15	3.7	8.3	28.3	18.4	27.7	39.3

DIMENSIONS - mm

3 models with 100mm dia duct for wall thickness up to:



Weight:
 With 400mm tube - 3.8 kg
 With 500mm tube - 3.9 kg
 With 600mm tube - 4.0 kg