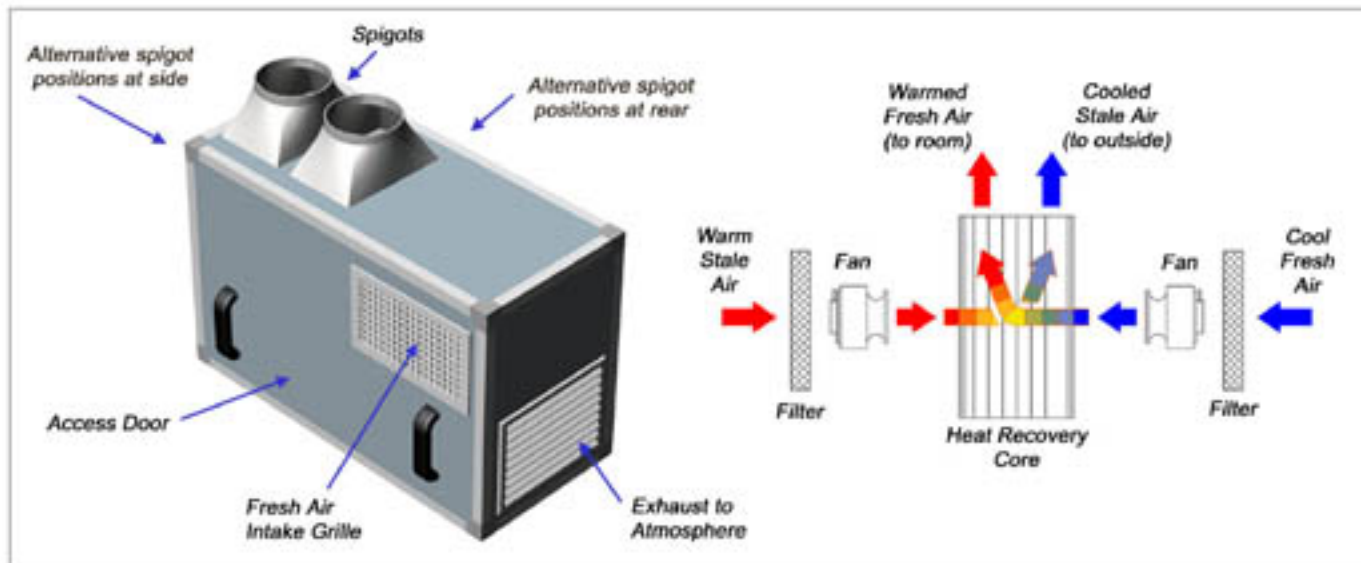




designed to lead, built to last

Sigma HRV450 - Heat Recovery Ventilator



System Specifications

Unique patented Heat Recovery Core delivers efficiencies up to 90%. Based on a Counter-Flow principal, efficiency actually increases with rising flowrates.

Filtered intake and exhaust air streams

Automated Operation (Optional):

PIR sensors activate the system when human occupancy is detected.

Air Quality Sensors ramp the system up/down dependant on the level of air contamination.

Heater Battery (Optional) used for top up heat.

HRV450 Heat Recovery Unit

Air Volume	450 m ³ /hr
Dimensions	(l) 1000mm x (b) 460mm x (h) 650mm
Weight	approx 30kg
Spigot Size	200mm diameter
Filter Grade	2 x F7 Pleated Filters
Power Supply	230VAC, 50Hz
Fan Motors	2 x Backward Curve Centrifugal, dynamically balanced

Fan Motor Specification

Voltage	230VAC
Frequency	50 / 60Hz
Power Input	206W _a / 299W _a
Current Draw	0,99A / 1,44A
Max. Air Temp.	-20° / +50°
Speed	2715 / 2960 rpm

Manual Controller

Variable Speed	Continuous 0-10V output
Max amb. temp.	40°C
Current	3A

