



envirovent®

Because Air Matters



energiSava 250

Lightweight and Compact
Whole House Heat Recovery System

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Ideal for smaller houses and apartments the energiSava 250 is one of the most compact and lightweight on the market, achieving a high thermal efficiency of 91%.

K+5

Kitchen +
additional
wet rooms

0.59

Specific
Fan Power
(W/l/s)

91%

Thermal
Efficiency
(l/s)



Year
Warranty



Made in
the UK



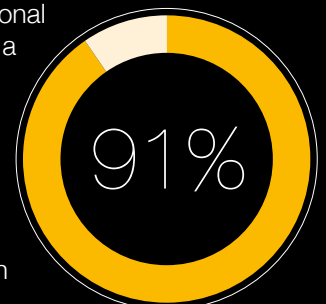
Innovative and Compact Design



The energiSava 250 provides optimum ventilation for a property with a minimum loss of energy. It extracts moisture-laden air from the wet rooms such as bathrooms, WCs, kitchen and shower rooms. At the same time it supplies fresh air into the living areas (living rooms, bedrooms, dining room).

The energy from the extracted air is transferred to the new fresh air and re-supplied into the property, creating an all year round, ideal indoor environment.

Suitable for Kitchen + 5 additional wet rooms and achieving a maximum airflow of 270 m³/h (75 l/s), the energiSava 250 delivers not only the utmost practicality in installation flexibility, it also performs with exceptional efficiency, achieving a low Specific Fan Power of 0.59 W/l/s.

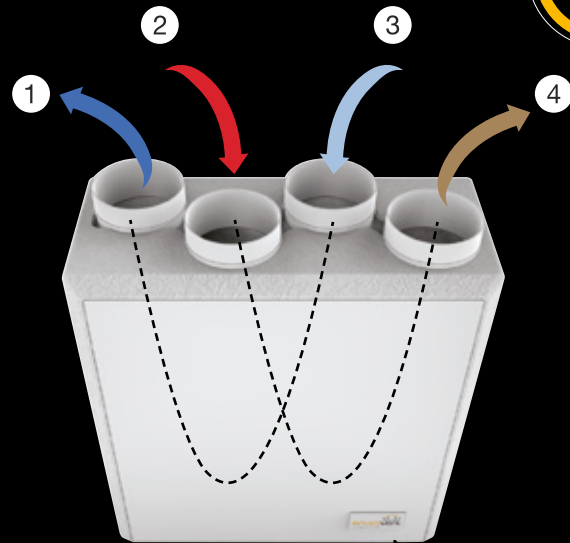


The energiSava 250's high efficiency heat exchanger achieves up to 91% thermal efficiency.

Features & Benefits



- ✓ High thermal efficiency up to 91%
- ✓ Exceptionally compact
- ✓ Can fit into the space of a standard kitchen cupboard
- ✓ Versatile installation - wall, floor or ceiling mounting
- ✓ Switch Live
- ✓ Remote control
- ✓ Automatic integral summer by-pass
- ✓ Frost protection
- ✓ Easy mounting brackets
- ✓ Lightweight, one-man installation
- ✓ Low energy consumption
- ✓ Easy exchangeable filters
- ✓ SAP Appendix Q eligible
- ✓ Energy savings trust best practice performance compliant
- ✓ Part of the Lifetime Range® complete with 5 year warranty



- | | | | | | |
|---|--|----------------------------|---|--|--------------------------------|
| 1 | | Warmed air to living rooms | 3 | | Fresh cold air from outside |
| 2 | | Extract from wet zones | 4 | | Contaminated air to atmosphere |



What is Heat Recovery and how does it work?



System Four

Mechanical Ventilation with
Heat Recovery (MVHR)

As building efficiency is improved with wall and loft insulation, draught proofing and double glazing, buildings are becoming more air tight and are consequently less well ventilated. Good ventilation is vital to our health and the fabric of our homes. Opening windows is one option, however this is not ideal due to security risks, loss of heat and energy in colder months.

To solve these problems, heat recovery ventilation, covered under System 4 of the Building Regulations Approved Document F: Ventilation, can provide fresh filtered air, energy efficiency and a comfortable all year round climate for your home. Stale, moist air is extracted out of the wet rooms of a home. These include the kitchen, bathrooms, utility and en-suite rooms. This moist air is then ducted to a central unit located normally in the loft space in a house or in a utility room or cupboard in an apartment.

This extracted air passes over a heat exchanger before being ducted to outside. Simultaneously, fresh air is drawn into the unit from outside, and is warmed by the high efficiency heat exchange cell. This tempered, fresh air is then delivered through supply vents into the living, dining and bedroom areas.

This constant supply of clean, tempered air into the property creates a healthy and ideal environment, maintaining stable humidity levels, free from condensation and mould. Sufferers of asthma, house dust mite populations and other respiratory problems should find this method of ventilation significantly beneficial.

Functionality and Design

1



The system continuously operates at a low level to ensure that the home is correctly ventilated, providing all year round good indoor air quality.

Highly practical, the energiSava 250 can be boosted via the switch live function or remote control to provide increased airflow. In addition, an automatic and integral summer by-pass controls the temperature of the air entering the home on warmer days.



The easy push button commissioning pad enables the installer to correctly set the required airflow rate quickly and effectively.

Incredibly versatile

2

The energiSava 250 has been designed for ease of installation in mind. With vertical or horizontal mounting options, this powerful little heat recovery unit can be installed on the ceiling, wall or floor. It can even fit within a 600mm kitchen cupboard (depth 290mm).

For wall mounting applications it comes complete with easy-fit brackets for rapid installation without the requirement to access the unit.

Floor mount brackets available separately (order code: KIT-CONDENSATE-ES250).

WALL



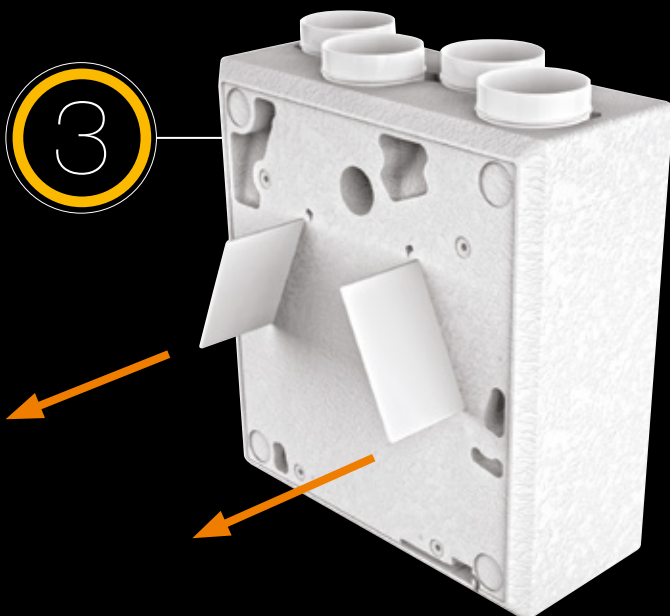
CEILING



FLOOR



3



Peace of mind

Manufactured in the UK and part of the award-winning Lifetime Range®. To ensure the optimum performance of the system, it is important to maintain the unit. This can be done by simply removing the front cover and accessing the exchangeable filters (order code: FILTER-ES250).



Humidity Tracking



The energiSava 250 runs continuously on trickle, providing all year round healthy indoor air quality. No user intervention is required as the intelligent humidity tracking controls constantly monitors the average humidity level over a two minute period. This allows the system to sense any rise in humidity and increase the extract rate in direct correlation to quietly and efficiently control condensation.

monitors
every
2
mins



Order Codes & Performance

Order Codes

ESAVA250	Wall & floor* mounted version
ESAVA250C	Ceiling mounted version

*For floor mounted versions, please order floor mounted drainage kit below

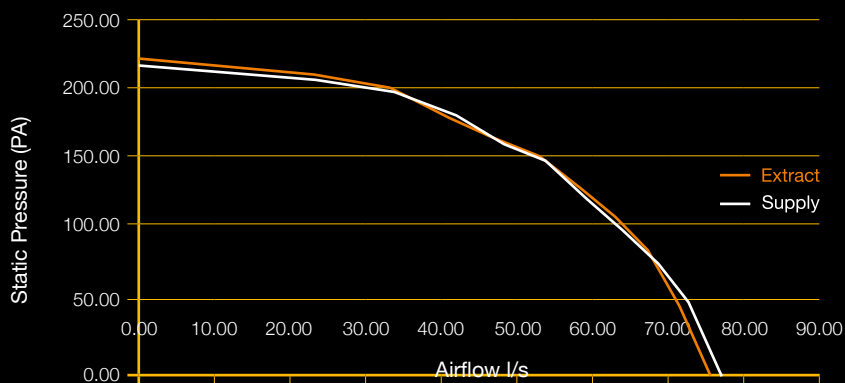
SAP Appendix Q Performance

Exhaust Terminal Configuration	Kitchen + 1 additional wet room	Kitchen + 2 additional wet rooms	Kitchen + 3 additional wet rooms	Kitchen + 4 additional wet rooms	Kitchen + 5 additional wet rooms
Specific Fan Power (W/l/s)	0.59	0.63	0.74	0.91	1.08
Heat Recovery Efficiency (%)	91	90	89	88	87

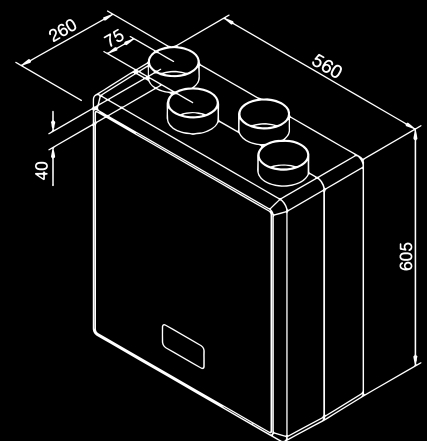
Technical Data

Maximum Flow Rate	Heat Exchanger	Efficiency	Fans	Specific Fan Power	Electrical Supply	Max Power Consumption	Protection Class	Supply Filter	Extract Filter	Spigot (mm)	Dimensions (mm)	Weight
75 l/s (270 m³/h)	Counter Flow (Plastic)	91%	EC	0.59 W/l/s	230V / 1PH / 50Hz	140W	IPX2	G3	G3	125	560 x 635 x 260	14Kg

Performance Curve



Dimensions (mm)



Ancillaries

5 in 1 roof vent kit	ORDER CODE: 1RV VENT 5 IN 1	*Drainage kit (floor mounted only)	ORDER CODE: KIT-CONDENSATE-ES250
Ø125mm flexible insulated hose ducting	ORDER CODE: 1RD INS FLEX 125	Slimline airbrick (available in white, terracotta, brown and beige)	ORDER CODE: 1AC HOR LOUV
Ø125mm acoustically insulated aluminium hose ducting	ORDER CODE: 1RD ACO FLEX 125	White powder-coated metal ceiling valves (extract and supply)	ORDER CODES: 1DIF EXTRACT 125 1DIF SUPPLY 125
Ø125mm rigid ducting	ORDER CODES: 1RD 125 X 350MM 1RD 125 X 2M	Flat channel ducting	ORDER CODES: 1FD 204 X 60 1.5M 1FD 204 X 60 2M





envirovent®

Leaders in the manufacture of
innovative and sustainable ventilation

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Due to our policy of continuous innovation and improvement, EnviroVent reserves the right to alter products specification and appearance without notice.
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