

# Econiq

From **Vent-Axia**



## Our Highest Performance

# All-in-One

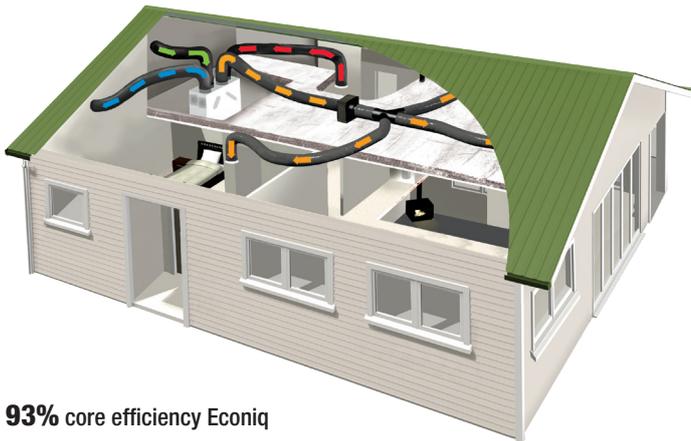
## HOME VENTILATION SYSTEM

Econiq S | Econiq M



### The best that SmartVent has to offer

The Vent-Axia Econiq is a reliable, highly efficient, quiet and easy to operate ducted ventilation system and part of our mechanical ventilation systems with heat recovery (MVHR) range. Using cutting-edge technology, it moves air throughout your home providing both active removal and fresh air supply. When the two air streams pass through a central point energy is transferred from one stream to the other effectively tempering the incoming air with the outgoing warmth.



At **93%** core efficiency Econiq is our most energy efficient home ventilation system. This advanced system can take advantage of any heating or cooling energy inside your home to bring fresh air in at a more comfortable temperature. Because Econiq is a ducted solution with a polymer core you can use it to deliver a complete home solution providing both continuous extract for service areas (kitchens and bathrooms) and a continuous supply of fresh clean air to living spaces and bedrooms. Plus, the built-in temperature and humidity sensors allow the system to automatically adjust to suit your needs, while the App allows you to conveniently control your system at home.

#### Applications

Suitable to both retrofits and new builds, for best performance the Econiq and ducting should be installed inside the insulation layer and is easiest to integrate at a design stage. However good outcomes can still be had when retrofitting to homes with accessible roof-spaces or undergoing renovations. During construction attention should be paid to the installation and components used to ensure the best performance for the application. SmartVent offers a home ventilation design service to support you in your journey.

## HEAT RECOVERY VENTILATION SYSTEM



#### High Efficiency Core

Recovers up to **93%** of heat energy.



#### Easy to Use Controls

On-board digital display and app connectivity provide an intuitive user interface and demand control for enhanced efficiency.



#### Lower Running Costs

Powerful and energy-efficient brushless EC3 motors supply filtered air with high performance and low cost.



#### Ultra-Quiet Performance

With a noise level as low as 15.5 dB(A), the Econiq is one of the quietest ventilation systems on the market.



#### Advanced Automation

Using an integral humidity and temperature sensor, the unit automatically adjusts ventilation rates to suit conditions.



#### Free Cooling

A built-in core bypass allows for effortless summer operation, utilizing the natural temperature shifts of the outside air.



#### Whole Home Solution

Polymer core enables extraction from wet rooms for all-in-one ventilation solutions. Dirty air out, clean air in.

## Econiq Range

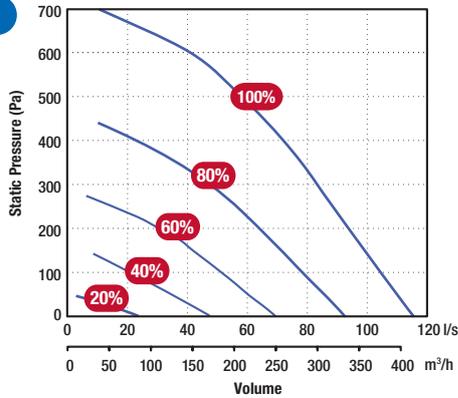
Description
Econiq S - MVHR Mechanical Heat Recovery with App control
Econiq M - MVHR Mechanical Heat Recovery with App control

## Features

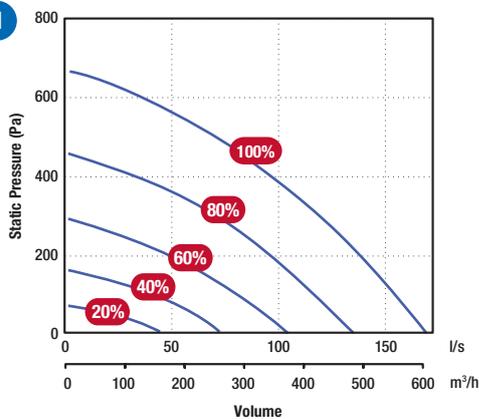
App Control	
WiFi Connect	
Humidity Sensing	
Temperature Sensing	
Auto or Manual Operation	
Core Efficiency (°C)	Up to 93%
Core Bypass	
Lock	
Boost Control	
Filter Change Alert	
Scheduler	

## Performance

### Econiq S



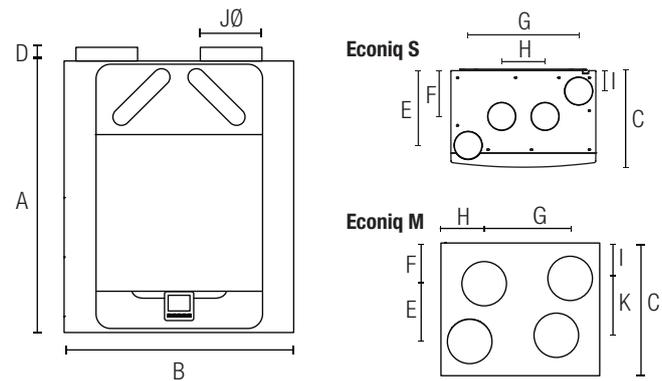
### Econiq M



## Specifications

Model	Econiq S	Econiq M
Fan Type	EC	
Core Type	Counterflow Heat Recovery (Energy Recovery Optional)	
Efficiency (EN308)	Up to 93%	
Spigots	125mm	200mm
Discharge Face	Top (Vertical Only)	Top / Sides (Horizontal / Vertical)
Orientation	Left / Right	
Mounting	Wall / Floor	
Speeds	4 (Programmable)	
Airflow (l/s) @ 0Pa	117 l/s	166 l/s
Airflow (m³/hr) @ 0Pa	421 m³/hr	600 m³/hr
Airflow (l/s) @ 150Pa	97 l/s	125 l/s
Airflow (m³/hr) @ 150Pa	349 m³/hr	450 m³/hr
Max Static Pressure	700Pa	680Pa
Filter	G4 (F7 optional)	
Maintenance Access	Front	
Power Supply	220-240V AC / 50 Hz	
Power (W)	166W	206W
SFP (W/(m³/hr))	0.31	0.17
Current (A)	0.76A	0.94A
Operating Temp	-20°C to 40°C	
Operating Humidity	0-95%RH	
Sound Pressure Level	43dB(A)	38dB(A)
Wireless Communication Protocol	RF866MHz, Wi-Fi and Bluetooth 4.2	
Wired Communication	RS485	
Warranty	5 Years	

## Dimensions (mm)



Model	A	B	C	D	E	F	G	H	I	JØ	K
Econiq S	760	660	443	63	343	210	503	197	93	125	-
Econiq M	881	728	608	50	261	187	394	200	160	200	261



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Specifications are subject to change without notice

