



Sentinel Kinetic HRV Ventilation System

The Sentinel Kinetic® Advance from Vent-Axia is the next generation of heat recovery ventilation systems. It is designed to offer the highest level of comfort and control available ensuring the best possible customer experience.

A whole new experience

The highly sculpted interior surfaces, designed using the latest CFD techniques, ensures airflows are maximised through the unit minimising noise and energy use. This feature alone provides an experience which we are confident will delight home owners and fulfil our ambition of providing the most discrete and efficient ventilation available. With the widest range of options available, installers can now order a system that is tailored to their client's needs.

Air Quality and Health

We have strived to make the Advance system the most flexible solution available on the market. Our range of filter options, up to and including F7, ensure that even homes in heavily urbanised areas have the opportunity to filter out the impurities and help protect their family from respiratory issues.

Nuisance noise – There isn't any...

The most common concern with home owners is that ventilation devices create noise. With Advance, absolute optimisation of every element does everything possible to minimise generation and transmission of both motor and airflow noise. We believe that we have one of the quietest units available.

- Recognised in SAP PCDB,
- Touch screen controller,
- Lightweight for easier installation,
- 100% Summer bypass,
- WiFi connectivity option,
- Wireless commissioning,
- Pre-commissioning via USB,
- App control option,
- Left/Right handing through the controller,
- Pre-heater option for cold climates,
- Post-heater control option,
- Developed and manufactured in the UK,
- G3, M5 and F7 filter options.



Technical Information

Stock Reference	405215
Product Type	Ventilation
Product Range	Heat Recovery
Impeller	Backward Curved
Casing	ABS
Speed	Variable
Airstream Temperature	-20°C to 45°C
dBA	43 dBA @ 3m
Warranty	Up to 5 years

Electrical Information

Watts	190
Supply Voltage	220-240V/1/50Hz
Motor IP Rating	IP22
S.T.O.P. Protection	Yes
Speed Controllable	In Built

Sound Information at Duty Point

	63	125	250	500	1k	2k	4k	8k	Total	dBA@3m
Inlet	72	70	60	56	49	46	39	33	74	38
Outlet	79	69	66	75	64	63	53	45	81	53
Breakout	63	57	59	64	57	56	46	36	68	43

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Passive House Systems products are used by a very diverse customer base for a wide range of technical and industrial applications. The demands made on our products vary considerably from application to application. We strongly advise users to test the products suitability for their own particular requirement. All data and recommendations contained in this Technical Data Sheet are based on our own test results and practical experience and are aimed at helping customers select the appropriate product. This information is provided without liability. We reserve the right to change the technical specification without prior notice. Samples are available free of charge. Our sales team is also available to assist customers with their help.