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LO-CARBON SENTINEL KINETIC PLUS

- Acoustic Enclosure option for reduced breakout noise
- Acoustic Top Box option for reduced in-duct noise
- Recognised in SAP PCDB
- Horizontal duct option for space-saving installations
- High airflow, ideal for student accommodation clusters
- Unique folding filter for removal when access is restricted
- Integrated digital controller for simple and accurate commissioning
- Lightweight for easy installation
- Plug and play controls; Humidistat, Wireless Remote
- BMS connectivity
- LS inputs (Light Switch)
- Volt-free inputs

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No, thanks

- Self diagnosis for simplified fault finding
- Adjustable delay On/delay Off timer

Select a product

443028 : Sentinel Kinetic Plus B



Sentinel Kinetic Plus B

High efficiency, recognised in SAP PCDB, residential/light commercial Mechanical Ventilation with Heat Recovery unit. With Summer Bypass and Integral Humidistat.

Stock Ref. No: 443028

Price £2414.50 (excl VAT)

Quantity *

1

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Overview

Increased Performance

The Sentinel Kinetic Plus benefits from the latest high efficiency, backward curved impeller design, ensuring the lowest possible energy consumption, ultra quiet operation and an exceptional performance range covering small one bed apartments to the largest of houses.

For scenarios where noise is a critical issue, an Acoustic Enclosure is available to reduce breakout noise and the Acoustic Top Box will reduce in-duct noise at key frequencies.

Care Homes & Student Accommodation

The Sentinel Kinetic Plus is ideal for larger homes and multiple occupancy units such as care homes and student accommodation. Capable of 400m³/hr at 150Pa, the unit can extract from up to ten bathrooms and a communal kitchen while still achieving almost 90% heat recovery. The fully automatic capability of the Kinetic range means that adequate ventilation is always achieved.

The Kinetic's BMS capability is also ideal for those commercial applications where landlords or property managers want to monitor and optimise building performance and maintenance.

The Kinetic BMS can provide status information and its self diagnostics can report if any fault is found.

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Spigot Options

Spigots may be re-positioned to give horizontal connection or a combination of vertical and horizontal connection.

Optional 180mm/200mm spigots can simplify connection in commercial installations where larger diameter duct work has been used.

Quick Change Filter

As many systems are placed within cupboards the unique filter design folds as you remove it to ensure easy access in restricted spaces.

Integral Humidity Sensor

The integral humidity sensor increases speed in proportion to relative humidity levels, saving energy and reducing noise. The sensor also reacts to small but rapid increases in humidity, even if the normal trigger threshold is not reached. This unique feature ensures adequate ventilation, even for the smallest wet room. The night time relative humidity setback feature suppresses nuisance tripping as humidity gradually increases with falling temperature.

Acoustic Solution

This product is available with acoustic enclosure. For more info please [click here](#).

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Technical

Click here for technical information, within our Online Product Selector. After, select your required fan model from the list to display Performance, Sound, Dimensions and Electrical Data.

PRODUCT SPECIFICATION:

The Lo-Carbon Sentinel Kinetic Plus has 2 fully adjustable speeds and a purge setting - maximum. On the front of the unit is a digital controller that can be used to pre-set the speeds to any required air-flow within the performance range. The Sentinel Kinetic Plus models can be mounted vertically in a roof space or on a suitable wall. When mounted in an unheated area ducting should be insulated. Ducting can be attached to the unit horizontally, vertically or both. Left or right hand installation. The unit is supplied with duct spigots to outside on the right hand side. These can be reversed onsite by simply removing the control panel, rotating the unit 180 degrees and re-attaching the control panel. Horizontal and vertical spigots: The combination of spigot options allows installation in confined locations. If vertical and horizontal connection is required on the same outlet/inlet, additional spigots can be supplied. Condensate drain can be taken out through the back, bottom or front of the unit. Using the fittings supplied, the final condensate connection is made outside the unit and can be completed after installation.

DIMENSIONS:

Weight: 24kg

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Models



Sentinel Kinetic Plus B

High efficiency, recognised in SAP PCDB, residential/light commercial Mechanical Ventilation with Heat Recovery unit. With Summer Bypass and Integral Humidistat.

Stock Ref. No: 443028

Price £2414.50 (excl VAT)



Kinetic Plus with Acoustic Enclosure & Top Box

The Acoustic Enclosure reduces breakout noise from the MVHR unit, ensuring occupants are not disturbed by system noise throughout the dwelling. It features internal anti-vibration mounts which prevent vibration passing from the unit through the fabric of the building. The Acoustic Top Box reduces in-duct noise in living areas, bedrooms and wet rooms. It also provides a neat enclosure for ductwork at the point of installation.

Stock Ref. No: 479538

Price £4417.00 (excl VAT)

(Please call 0344 856 0590 for further availability information)



Kinetic Plus with Top Box

The Acoustic Top Box reduces in-duct noise in living areas, bedrooms and wet rooms. It also provides a neat enclosure for ductwork at the point of installation.

Stock Ref. No: 479537

Price £3025.34 (excl VAT)

(Please call 0344 856 0590 for further availability information)



Kinetic Plus with Acoustic Enclosure

The Acoustic Enclosure reduces breakout noise from the MVHR unit, ensuring occupants are not disturbed by system noise throughout the dwelling. It features internal anti-vibration mounts which prevent vibration passing from the unit through the fabric of the building.

Stock Ref. No: 479536

Price £3388.39 (excl VAT)

(Please call 0344 856 0590 for further availability information)

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Sentinel Kinetic Plus B Left

High efficiency, recognised in SAP PCDB, residential/light commercial Mechanical Ventilation with Heat Recovery unit. With Summer Bypass and Integral Humidistat. Left hand spigots to atmosphere.

Stock Ref. No: 443028L

Price £2414.50 (excl VAT)



Kinetic Plus L with Acoustic Enclosure & Top Box

The Acoustic Enclosure reduces breakout noise from the MVHR unit, ensuring occupants are not disturbed by system noise throughout the dwelling. It features internal anti-vibration mounts which prevent vibration passing from the unit through the fabric of the building. The Acoustic Top Box reduces in-duct noise in living areas, bedrooms and wet rooms. It also provides a neat enclosure for ductwork at the point of installation.

Stock Ref. No: 479541

Price £4417.00 (excl VAT)

(Please call 0344 856 0590 for further availability information)



Kinetic Plus L with Top Box

The Acoustic Top Box reduces in-duct noise in living areas, bedrooms and wet rooms. It also provides a neat enclosure for ductwork at the point of installation

Stock Ref. No: 479540

Price £3025.34 (excl VAT)

(Please call 0344 856 0590 for further availability information)



Kinetic Plus L with Acoustic Enclosure

The Acoustic Enclosure reduces breakout noise from the MVHR unit, ensuring occupants are not disturbed by system noise throughout the dwelling. It features internal anti-vibration mounts which prevent vibration passing from the unit through the fabric of the building.

Stock Ref. No: 479539

Price £3388.39 (excl VAT)

(Please call 0344 856 0590 for further availability information)

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Accessories



Wireless enable kit

The Wireless enable kit allows the Kinetic to be set to boost or purge from a remote wireless switch. One switch is supplied with the kit. Up to three additional switches may be linked to the wireless receiver.

Stock Ref. No: 441865

Price £123.30 (excl VAT)

(Please call 0344 856 0590 for further availability information)



Wireless Transmitter Controller

- Additional controller for Wireless enable kit and Wireless Transmitter Controller Receiver Kit
- A maximum of 4 controllers can be used per system
- Can be connected to other accessories (eg Humidistat) to send a boost signal wirelessly

IMPORTANT - This wireless controller is not compatible with any new Sentinel Multivent Ranges (white units). It is only compatible with these Sentinel Multivent part numbers; 445655, 445655A & 407849.

Stock Ref. No: 437827

Price £76.26 (excl VAT)



Sentinel Kinetic Wired Remote Controller

The Kinetic Wired Remote Controller duplicates all the functions of the on-board controller allowing the unit to be commissioned, controlled and monitored remotely. The controller is supplied with 15 metres of four core cable fitted with an RJ11 plug for fitting to the Kinetic control pcb.

Stock Ref. No: 443283

Price £82.19 (excl VAT)



LED Indicator

Compatible with the Sentinel Kinetic range, the LED Indicator illuminates when the MVHR unit requires a filter check or if the unit has a fault. Supplied with 15 metres of cable. 85 x 85 x 10mm (H x W x D)

Stock Ref. No: 448356

Price £46.05 (excl VAT)

Opto-coupler for volt-free bms connection

Stock Ref. No: 447340

Price £53.25 (excl VAT)

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Sentinel Kinetic Plus Standard Filters (G3 2 Pack)

ISO 45% Course (G3) Filter 2 Pack. Formally known as G3, this filter will provide the minimum required filtration.

Stock Ref. No: 443351

(Please call 0344 856 0590 for further availability information)



Sentinel Kinetic Plus Pollen Filter (M5 1 Pack)

ISO ePM10 50% (M5) Filter 1 Pack. Formally known as M5, this filter will remove smaller particles, including pollen.

Stock Ref. No: 444201

Price £50.68 (excl VAT)

Spigot Pack 180/200mm Kinetic Plus

Single spigot pack increases the spigot diameter from 150mm to 180mm or 200mm. Compatible with the Sentinel Kinetic Plus.

Stock Ref. No: 446523

Price £14.74 (excl VAT)

Anti Vibration Mounts

Stock Ref. No: 68MP033G

Price £24.74 (excl VAT)

Acoustic Purge Fan

Stock Ref. No: 477988

Price £780.50 (excl VAT)

Acoustic Purge Fan XL

Stock Ref. No: 479829

Price £1170.59 (excl VAT)

(Please call 0344 856 0590 for further availability information)

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Downloads

3D REVIT FILES:

 Sentinel Kinetic Plus B

PDF DOWNLOADS:

-  Catalogue Page
-  EcoDesign Data
-  Installation & Commissioning Instructions
-  Operation & Monitoring Instructions
-  Alternate Handling F&W
-  F&W Instructions Acoustic Enclosure
-  F&W Instructions
-  Installer & Homeowner Guide
-  Home Owner Guide
-  Case Study

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