Sentinel

Kinetic MVHR RANGE

User Instructions

Stock Ref. N°

438342	Kinetic V
438222	Kinetic B Right
438222L	Kinetic B Left
443319	Kinetic BH Right
443319L	Kinetic BH Left
408167	Kinetic FH Right
408169	Kinetic FH Left
443028	Kinetic Plus B Right
443028L	Kinetic Plus B Left
408449	Kinetic High Flow Right
408451	Kinetic High Flow Left

Vent-Axia®

SEE PAGE 16 FOR SPARE FILTERS

PLEASE RETAIN THESE INSTRUCTIONS WITH THE PRODUCT.

CE

IMPORTANT SAFETY INFORMATION

PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE USING THE UNIT.

1. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Young children should be supervised to ensure that they do not play with the appliance.

2. Do not attempt to remove the covers of this unit. High Voltage is present in this unit.

NEW PROPERTY FILTER MAINTENANCE

When fitted to a new build property the supply and exhaust filters should be checked at one month intervals for the first six months.

Disposal

This product should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority for recycling advice.

Software Ver 39

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Product Description

Sentinel Kinetic Sentinel Kinetic F Sentinel Kinetic Plus & Sentinel Kinetic High Flow

The Vent-Axia **Sentinel Kinetic, Sentinel Kinetic F, Sentinel Kinetic Plus & Sentinel Kinetic High Flow Mechanical Ventilation/Heat Recovery (MVHR)** are heat recovery units designed for the energy efficient ventilation of houses and similar dwellings, conforming to the latest requirements of the Building Regulations document F 2010.

The units are designed for continuous 24 hour exhaust ventilation of stale moist air from bathrooms, toilets and kitchens. As the stale air is extracted, a heat exchanger within the unit transfers up to 90% of the heat into the supply air entering the bedrooms and lounge.

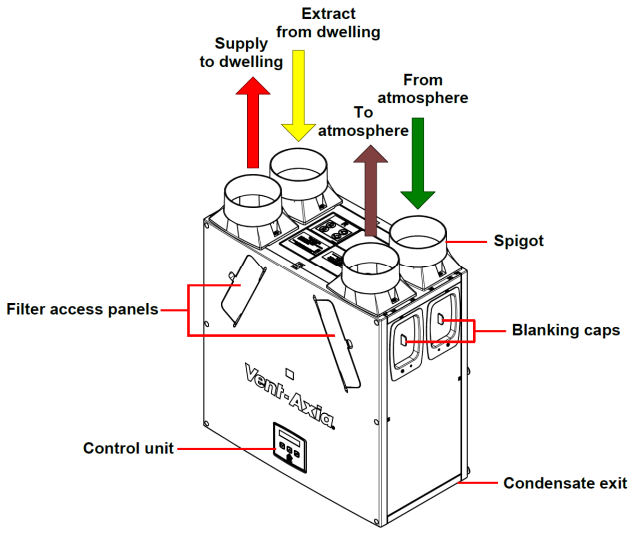


Fig 1: Sentinel Kinetic Right handed

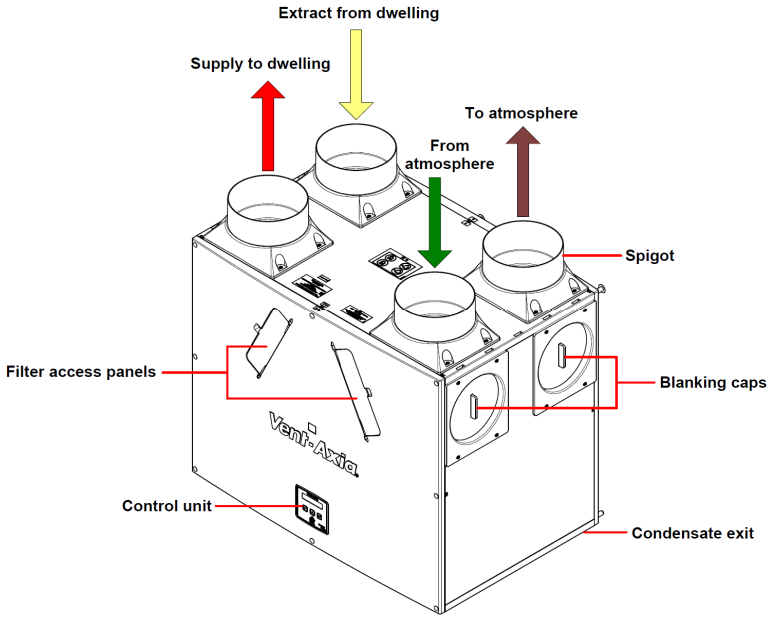


Fig 2: Sentinel Kinetic F, Sentinel Kinetic Plus and High Flow Right handed

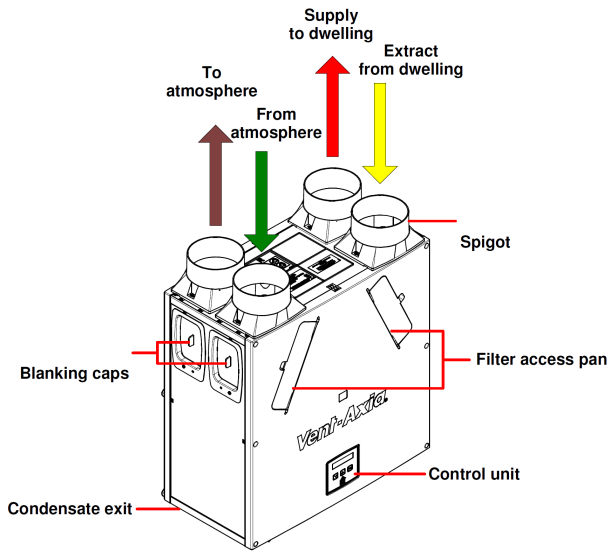


Fig 3: Sentinel Kinetic Left handed

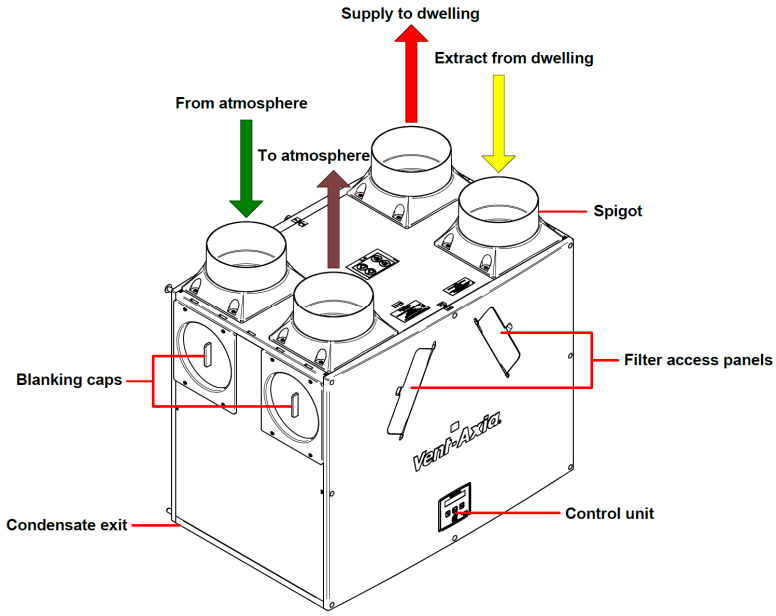


Fig 4: Sentinel Kinetic F, Sentinel Kinetic Plus and High Flow Left handed

Sentinel Kinetic Range Summer By Pass Models.

The Sentinel Kinetic B, BH, FH, Plus B, Plus BH and High Flow are fitted with a Summer By Pass (SBP) and will provide energy-free cooling when the house temperature and ambient temperature allows.

Note that the volume of air provided by this ventilation system is a fraction of that required for space heating or space cooling and will not in itself be sufficient to cool a room. It will however, provide a contribution and make a difference.

There are three operating modes, Normal, Evening Purge and Night-time purge.

Normal Mode.

Air flow rate is determined by sensors, boost and timing settings, otherwise is normal rate.

If the room is warmer than the set (shown as "indoor") temperature (i.e. you need the room to be cooler) and the outdoor air is cooler than the actual room temperature (i.e. the outdoor air could cool your room) then the SBP will open and the unit will supply cooler air to your room.

Note that the above only applies whilst the outdoor air temperature is above 14 C (adjustable) in order to prevent cold draughts.

The set ("indoor") temperature should be set 2 or 3 degrees higher than the central heating thermostat and 2 or 3 degrees below any air conditioning thermostat if fitted. This will prevent any clash between the separate systems.

Evening purge Mode.

Intended for use as the outdoor temperature cools in the evening, but reverts to normal control after a set time so that any increase in noise is avoided overnight.

Air flow rate is always at boost.

The bypass closes and the purge stops if the temperature conditions described in Standard Mode are no longer met or 5 hours after the bypass opened.

Night-time purge Mode.

Intended for use as the outdoor temperature cools in the evening and continues through the night when cooling is a higher priority than any increase of noise. Note that the air noise in your system is influenced by the ducting design and layout and the size and type of vents used in the rooms. If improvements are required speak to your installer.

Air flow rate is boost.

The bypass closes and the purge stops if the temperature conditions described in Standard Mode are no longer met.

Models

- **438342 - Sentinel Kinetic V** without summer bypass.
- **438222 - Sentinel Kinetic B Right** right handed with summer bypass.
- **438222L - Sentinel Kinetic B Left** left handed with summer bypass.
- **443319 - Sentinel Kinetic BH Right** right handed with summer bypass and integral humidity sensor.
- **443319L - Sentinel Kinetic BH Left** left handed with summer bypass and integral humidity sensor.
- **408167 - Sentinel Kinetic FH Right** right handed with summer bypass and integral humidity sensor.
- **408169 - Sentinel Kinetic FH Left** left handed with summer bypass and integral humidity sensor.
- **443028** - **Sentinel Kinetic Plus B Right** right handed with summer bypass and integral humidity sensor.
- **447938** - **Sentinel Kinetic Plus B Left** left handed with summer bypass and integral humidity sensor.
- **408449** - **Sentinel Kinetic High Flow Right** right handed with summer bypass and integral humidity sensor.
- **408451** - **Sentinel Kinetic High Flow Left** left handed with summer bypass and integral humidity sensor.

Accessories

- **441838 - Sentinel Kinetic Plug-in integral humidity sensor**
- **441865 - Wireless enable kit (consists of wireless receiver and one wireless switch).**
- **437827 - Additional wireless switch (up to four may be connected).**
- **441780 - Vent-Wise accessory pack – requires sensors.**
- **442367 - Monza System Cooker Hood 600mm wide**
- **442368 - Latina System Cooker Hood 900mm wide**
- **443283 - Wired Remote Control.**
- **447340 - Opto-Coupler**
- **409761 - Spigot Adaptor Kit 200mm (High Flow)**

A range of sensors can be used to manage system demand and control the ventilation rate. These include an internal humidity sensor, humidity sensors for independent mounting in rooms, wireless receiver and wireless boost switches, CO_2 sensor, Ventwise sensors, manual switches and pull cords. For these alternative control options, see www.vent-axia.com

Control Unit Display

The Control Unit is located at the front of the Sentinel Kinetic unit. The Control Unit provides the user interface for commissioning and monitoring purposes.

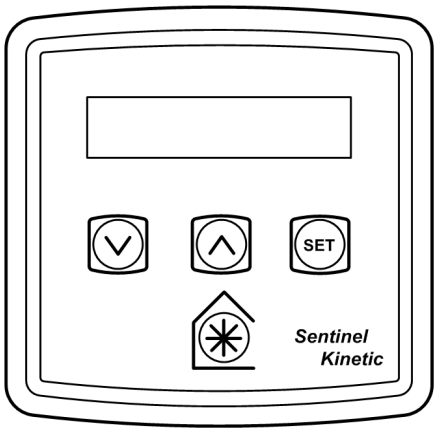


Figure 3: Control Unit

Display

The main display is an LCD with automatic backlight, which is turned off to minimise power consumption when the unit is operational (see *Overview* on page 9).

```
Normal Airflow
30%
```

Buttons

Four buttons on the Control Unit provide the controls for configuring and monitoring the unit.

Table 1: Control Unit Buttons

Button	Function
SET	Press to adjust settings and press to save settings.
∧	Press to go to the above screen or to increase a parameter value. Press and hold for more than 2 seconds for fast scrolling.
∨	Press to go to the next screen or to decrease a parameter value. Press and hold for more than 2 seconds for fast scrolling.
✳	Press to activate Boost mode. No. of presses — Boost action (Control Mode 01) 1 — Boosts for 30 minutes 2 — Boosts for 60 minutes 3 — Boosts continuously 4 — Back to Normal flow rate Press and hold for 5 seconds to activate Purge mode. (Press and hold for 5 seconds to cancel Purge).

N.B Additional airflow modes are available from the ✳ button when Control Mode 02 is selected in the start-up screens see Appendix One for further details.

Technical Specification

Performance	Sentinel Kinetic	Sentinel Kinetic F	Sentinel Kinetic Plus	Sentinel Kinetic High Flow
Airflow	**Maximum, FID, 290 m³/h** **Low** default 20% **Normal** default 30% **Boost** default 50% **Purge** 100%	**Maximum, FID, 335 m³/h** **Low** default 20% **Normal** default 30% **Boost** default 50% **Purge** 100%	**Maximum, FID, 500 m³/h** **Low** default 20% **Normal** default 30% **Boost** default 50% **Purge** 100%	**Maximum, FID, 650 m³/h** **Low** default 20% **Normal** default 30% **Boost** default 50% **Purge** 100%
Sound Levels (@ 3 m)	20 dB(A) (normal) 36 dB(A) (boost)	TBC	24 dB(A) (normal) 34 dB(A) (boost)	28 dB(A) (normal) 35 dB(A) (boost)
Power				
AC Voltage Input	220-240 V AC (single phase)			
AC Frequency Input	50 Hz nominal			
Supply Fuse	3 A (located in fused spur)			
Product Fuse	2 A (located on main PCB)			
Rated Power	150 W (max.)	180 W (max.)	190 W (max.)	360 W (max.)
Physical				
Height (excluding spigots)	550 mm	550mm	630 mm	630 mm
Width (excluding spigots)	550 mm	555mm	775 mm	775 mm
Depth	285 mm	350mm	524 mm including filter flap hinge protrusion	524 mm including filter flap hinge protrusion
Weight	15 kg	19 kg	24 kg	38 kg
Spigot diameter	125 mm	125 mm	150 mm	180 mm
Condensate pipe diameter	22 mm			
Environmental				
IP Rating	IP22			
Operating Temperature	-20°C to +45°C			
Air Intake Temperature	As above			
Operating Humidity	0% to 95% RH			
Storage Temperature	-20°C to +45°C			
Storage Humidity	0% to 95% RH			
Software Version	V39			

For all other technical details, please see the Product Catalogue or our website at www.vent-axia.com.

Powering Up the Unit

Switching On (The unit is designed to run continuously)

To switch the unit on:

1. Switch on the power at the mains supply isolator feeding the unit.
2. Following switch-on, the fan motors will start and the Control Unit will display a series of startup screens, described below.

Switching Off

To switch the unit off: at the unit's local isolator, turn the power off.

Startup Screens

Sentinel Kinetic Version Screen

The Sentinel Kinetic Version screen displays the firmware version number for 3 seconds.

No adjustments are possible on this screen.

```
                V--
```

Language Screen

The Language screen displays the language used for the screens. It is typically displayed for 5 seconds, or longer if changing the setting.

```
Language
English
```

Control Mode Screen

Selects between Control Mode 01 operation described herein and the alternative Control Mode 02 described in Appendix One.

```
Control Mode
01
```

Airflow Units Screen

The Airflow Units is a percentage of the unit's maximum flow.

```
Airflow Units
%
```

Wireless Control Screen

The Wireless Control screen automatically displays whether the wireless boost control switch is fitted. It is typically displayed for 3 seconds.

```
Wireless Control
Not Fitted
```

Humidity Sensor Screen

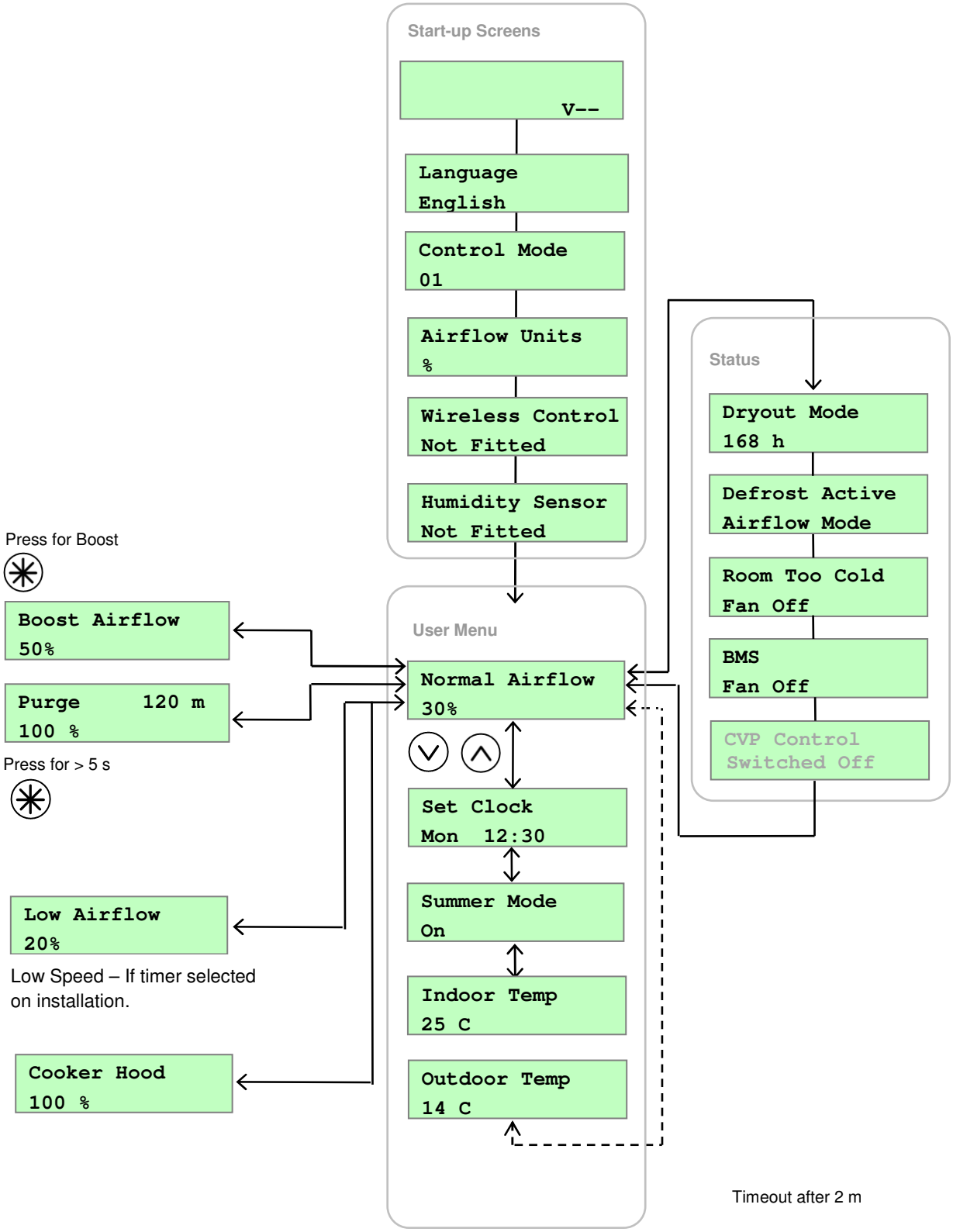
The Humidity Sensor screen displays whether the humidity sensor is fitted. It is typically displayed for 3 seconds.

```
Humidity Sensor
Not Fitted
```

Operation and Monitoring

Overview

When the Sentinel Kinetic unit has been installed and commissioned it should require no further intervention in order to operate, unless external switches are used to control on/off/boost, etc, or BMS control requires user action.



User Menu Screens

From the Normal Airflow screen, press the ⌄ button to access the rest of the User Menu screens.

Changing the value of a setting (if adjustable) is typically a 3-step procedure:

1. Press SET to select the setting (the setting will flash).
2. Use the ⌃ or ⌄ buttons to adjust the value. To scroll quickly, press and hold the ⌃ or ⌄ buttons for more than 2 seconds.
3. Press SET again to enter the new settings and move to the next screen.

To return to the Normal Airflow screen, press the ⌃ button repeatedly or press and hold the ⌃ button for 5 seconds. Alternatively, the Normal Airflow screen will be restored if no buttons are pressed for two minutes (timeout). Settings are stored in a the memory and will be retained in the event of mains power supply failure.

Low Airflow / Normal Airflow / Boost Airflow Screen

When the start-up screens are finished, the Low or Normal screen is displayed showing operating status (Low Airflow X % or Normal Airflow X % or Boost Airflow X %).

```
Normal Airflow
30 %
```

The Normal screen displays the rate of normal airflow (supply air) through the unit.

If the installation has proportional sensors or an internal humidity sensor fitted, and any of these are boosting the airflow, an α symbol will be displayed.

When the summer bypass is active, the normal screen top line will alternate (for 3 seconds) with Summer Bypass.

```
SUMMER BYPASS ON
30 %
```

An interval can be set, see page 40 of the Installation and Commissioning manual, at which the unit reminds the user to check the filters. This will be 6, 12 or 18 months. The normal screen top line will include Check Filter as a reminder to check and, if necessary, clean or replace the filters.

```
Filter Service
Suburban
```

When this has been done, press and hold the ⌄ and ⌄ buttons for 5 seconds to reset the automatic message.

Set Clock Screen

From the Normal Airflow screen, simply press the button once to access the Set Clock screen.

```
Set Clock
Mon 12:30
```

The Set Clock Control screen enables you to change the clock settings. The clock retains its settings for approximately two weeks without mains power, after which it will need resetting when power is reconnected

Values are **DDD HH:MM**.

Return to the normal display by pressing the button or leave to timeout and return automatically after 2 minutes.

The unit will not automatically switch for Daylight saving time.

Summer Mode Screen

From the Set Clock screen, simply press the button twice to access the Summer Mode screen.

```
Summer Mode
On
```

If the unit is a summer bypass model, the Summer Mode screen enables you to switch the summer bypass control on or off. This screen is only displayed when the bypass is fitted.

Options available are **On** (default) and **Off.**

Return to the normal display by pressing the button or leave to timeout and return automatically after 2 minutes.

Indoor Temp Screen

From the Summer Mode screen, simply press the button 3 times to access the Indoor Temp screen.

```
Indoor Temp
25 C
```

The Indoor Temp screen enables you to choose the target room temperature in degrees Centigrade – only displayed when the bypass is fitted.

Selectable range is **16-40** (**25** default).

Return to the normal display by pressing the button or leave to timeout and return automatically after 2 minutes.

Boost & Purge Screens

Boost Screen

Pressing the button activates boost airflow mode when extra ventilation is required.

```
Boost Airflow
50 %
```

No. of presses	Boost action (Control Mode 01)
1	Boosts for 30 minutes
2	Boosts for 60 minutes
3	Boosts continuously
4	Back to Normal flow rate

N.B Additional airflow modes are available from the button when Control Mode 02 is selected in the start-up screens see Appendix One for further details.

If the wireless boost option is fitted, this can be triggered from the wireless transmitter/boost switch.

If the installation has switch sensors, is wired to the lighting, has Vent-Wise sensors or if the internal time switch is set for periodic operation, operation will change from normal to boost automatically. Pressing the button will reveal a code to show which device has activated boost.

s1 = Switch S/W1

s2 = Switch S/W2

s3 = Switch S/W3

s4 = Switch SW4

s5 = Switch SW5

v1 = Vent-Wise Input S/W1

v2 = Vent-Wise Input S/W2

v3 = Vent-Wise Input S/W3

ls = Switched live (LS)

w1-4 = Wireless controller

c1-3 = Internal Time switch

If running on boost due to pressing the button, a device will ‘take over’ the boost. Flow will return to low / normal when that device switches off. If a number of different devices are calling for boost flow, the unit will run at boost until the last one has reverted to normal.

Purge Screen

Pressing and holding the button for 5 seconds activates purge mode when you want to purge air from the building. The unit will revert to normal flow by pressing and holding the button again for 5 seconds. If the wireless boost option is fitted, this can be triggered from the wireless transmitter/boost switch.

```
Purge        120m
100 %
```

Purge mode runs the fans at full speed for 2 hours (120 minutes). The Purge screen displays a countdown of the time remaining.

Cooker Hood Boost Screen

There is a separate connection for a cooker hood control which allows the boost level to be higher when triggered by a Cooker Hood.

```
Cooker Hood
100 %
```

Low Airflow Screen

Low Airflow mode is activated when the Normal Airflow is set to **Off**, (see page 33 in the Installation and Commissioning manual for set up details).

```
Low Airflow
20 %
```

The Normal Airflow mode can be set to run during the daytime i.e. from 6am to 11pm, the Low Airflow mode will then run during the night from 11pm to 6pm.

Status Message Screens

The status message screens override the Normal Airflow and other user screens, and display status and key operational conditions (temperatures or pressures, etc.) according to how the unit has been configured. If there is more than one status item to be displayed, the highest priority message is shown.

These screens are displayed in a loop during normal operation of the unit, either after displaying the start-up screens, or when commissioning has been completed. After a few seconds the display backlight is turned off in order to minimise power consumption. The and buttons can be used to stop the loop sequence in order to display individual screens for a longer period with the backlight turned on, if required.

Dryout Mode Screen

The Dryout Mode screen displays the time remaining for the building to dry out. The unit runs at maximum flow for 1 week.

```
Dryout Mode
168 h
```

Defrost Active Screen

```
Defrost Active
Airflow Mode
```

The Antifrost screen is only displayed if a summer bypass is fitted. In installations where a negative pressure is not permitted during antifrost operation, set this to bypass mode.

Available options: **Airflow Mode** (default) and **Bypass Mode**.

Airflow Mode - When the supply air temperature is between 0° and -20℃, antifrost will automatically activate. This will reduce the supply airflow rate and increase the extract airflow rate to prevent frost forming on the heat exchanger. During antifrost operation the supply motor can stop for 15 minutes and run for 45, depending on the temperature below 0℃. If the supply air temperature is -20℃ or below the supply fan switches off and the extract fan continues to run at reduced rate to prevent frost forming on the heat exchanger.

Bypass Mode - While the supply air temperature is below 0℃, the antifrost mode will automatically activate. This mode will open the bypass to prevent frost forming on the heat exchanger.

Room Too Cold Screen

```
Room Too Cold
Fan Off
```

The Room Too Cold screen displays the status of the fan. If the heating system in the building fails or is switched off and the internal temperature drops below 5℃, the unit will stop running so as to not bring cold air into an already cold house. The unit will start up every hour and will run for a short time to measure the temperature of the property. When the temperature rises, e.g. the heating system is switched back on, the unit will restart and continue normal operation.

Bottom line of display may be (**Fan Off**, **Fan Restarting**).

BMS Screen

```
BMS Mode
Fan Off
```

The BMS screen shows if a Fan Off command has been received from a Building Management System (BMS), if used.

A **Fan Off** command could be received from the BMS in the event of a fire alarm.

Maintenance

Caring for the Unit

Heat recovery units, by their very nature, require regular maintenance. The Sentinel Kinetic has been designed to facilitate access to enable maintenance to be carried out easily.

Filter Maintenance

Item	Action
Fan Filters	When the unit displays “Check filters”. This is a reminder to ensure that the filters are not so dirty that they are blocking the airflow or allowing dirt to pass through. The rate at which the filters become dirty will vary hugely depending on the environment and the activity within the property. 1. Open the filter flaps and remove the 2 filters. 2. Clean gently by tapping or carefully using a vacuum cleaner if necessary. 3. Replace the filters 4. Close the filter flaps. 5. Reset the automatic message, press and hold the ⌃ and ⌄ buttons for 5 seconds.

12 Monthly Maintenance

Item	Action
Fan Filters (Interval to suit environment)	Change the Fan Filters depending on which environment the unit has been installed; urban, suburban or rural. 1. Open the filter flaps and remove the 2 filters. 2. Insert the replacement filters. 3. Close the filter flaps. 4. Reset the automatic message, press and hold the ⌃ and ⌄ buttons for 5 seconds.
Unit & Heat Exchanger Cell	Inspect and clean the unit 1. **Isolate the mains power supply**. 2. Remove front cover from the unit. 3. Remove the 2 filters. 4. Slide out the heat exchanger. 5. Wash the outer cover and heat exchanger in warm water using a mild detergent and dry thoroughly. **NOTE: Keep water away from all electrical components and wiring within the unit.**
Motors	Inspect the motors for build-up of dust and dirt on the impeller blades, which could cause imbalance and increased noise levels. Vacuum or clean if necessary.
Condensate Drain	Check the condensate drain tube is secure and clear of debris. Clean if necessary.
Fastenings	Check that all unit and wall-mount fastenings are sufficiently tight and have not become loose. Re-tighten if necessary.

Spares

Part No	Description
441768	Main Power Board
441767	Control Panel
443430	Temperature Sensor T1 (Extract air from room)
443431	Temperature Sensor T2 (Supply air from outside)
SENTINEL KINETIC SPARES	
442356	G3 Filters, 2 per pack (438222 & 438242)
444199	M5 Single Filter (438222 & 438242)
441764	Heat Recovery Cell (bypass version 438222)
441996	Heat Recovery Cell (non bypass version 438242)
441759	Supply Motor
441760	Exhaust Motor
441776	Summer Bypass
438378	Spigot, one per pack
SENTINEL KINETIC F SPARES	
409764	G3 Filters, 2 per pack
472153	M5 Single Filter
409766	Heat Recovery Cell
409768	Supply Motor
409770	Extract Motor
409772	Summer Bypass
409774	Spigot, one per pack
SENTINEL KINETIC PLUS SPARES	
403702	G3 Filters, 2 per pack
444201	M5 Single Filter
443352	Heat Recovery Cell
443353	Supply Motor
443354	Extract Motor
443355	Summer Bypass
444057	Spigot diameter 150 mm, one per pack
446523	Spigot diameter 180 mm, one per pack, complete with foam adaptor to make 200mm spigot.
SENTINEL KINETIC HIGH FLOW SPARES	
403702	G3 Filters, 2 per pack
444201	M5 Single Filter
443352	Heat Recovery Cell
409776	Supply Motor
409778	Extract Motor
443355	Summer Bypass
446523	Spigot diameter 180 mm, one per pack, complete with foam adaptor to make 200mm spigot.

SALES ENQUIRIES:

www.vent-axia.com

Tel: 0344 8560590

Troubleshooting

Diagnosing a Problem

In the event of a problem, always troubleshoot the unit according to:

- **Fault code** displayed on the Control Unit or Remote Wired Control.
- **Fault LED** if connected.

If no indications are displayed, then troubleshoot problem according to the fault symptom as described in the following tables.

Service/Fault Code Screens

The Service screen is displayed, alternating with the Fault Code screen, when a fault has caused the unit to switch off and you must phone the telephone number displayed on the screen for assistance.

```
Service Phone
01293nnnnnn
```

The Fault Code screen is displayed, alternating with the Service screen, when a fault has occurred. Take note of the fault code when reporting a fault.

```
Fault Code
01
```

For assistance contact the service provider and quote the fault code number. The following fault codes numbers may be displayed. Code numbers are added together if more than one is detected.

Table 2: Fault Codes

Code	Problem
01	Supply Fan not running
02	Extract Fan not running
04	Control PCB 24 V fuse (FS1) failure
08	Temperature sensor T1 (supply) faulty
16	Temperature sensor T2 (extract) faulty
32	Wired Remote Control failure

Appendix One: Control Mode 02 Description

Overview

The functional differences described in this Appendix are available when Control Mode 02 is selected from the start-up screens. Control Mode 02 assigns alternative functions to certain wiring Terminal Connections (described in Appendix One of the Installation and Commissioning Manual) and allows additional airflow settings to be accessed via the button on the front of the Kinetic unit or remote control as shown below:

Airflow Mode Selection

The following switching Functions are available via the button with Control Mode 02:

No. of presses	Airflow Mode (Control Mode 02)
1	Low
2	Normal
3	Boosts 30 minutes
4	Boosts 60 minutes
5	Boosts continuously
6	Cancel

Press 10 seconds after last press to cancel and return to normal operation.

If the wireless boost option is fitted, this can be triggered from the wireless transmitter/boost switch.

If the installation has switch sensors, is wired to the lighting, has Vent-Wise sensors, Vent-Wise momentary switch or if the internal time switch is set for periodic operation, operation will change from normal to boost automatically. Pressing the button will reveal a code to show which device has activated boost.

s4 = Switch SW4

v1 = Vent-Wise Input S/W1

v2 = Vent-Wise Input S/W2

v3 = Vent-Wise Input S/W3

ls = Switched live (LS)

w1-4 = Wireless controller

c1-3 = Internal Time switch

If running on boost due to pressing the button, another device may ‘take over’ the boost. Flow will return to normal when that device switches off. If a number of different devices are calling for boost flow, the unit will run at boost until the last one has reverted to normal.

Appendix Two: Spare Filters

Model	Filter Part no.	Grade
Kinetic V,B & BH	442356 (PK2)	G3
	444199 (Single)	M5
Kinetic FH	409764 (PK2)	G3
	472153 (Single)	M5
Kinetic Plus and Kinetic High Flow	403702 (PK2)	G3
	444201 (Single)	M5

The Vent-Axia Guarantee

Applicable only to products installed and used in the United Kingdom. For details of guarantee outside the United Kingdom contact your local supplier.

Vent-Axia guarantees its products for two years from date of purchase against faulty material or workmanship. In the event of any part being found to be defective, the product will be repaired, or at the Company's option replaced, without charge, provided that the product:-

- Has been installed and used in accordance with the instructions given with each unit.
- Has not been connected to an unsuitable electricity supply. (The correct electricity supply voltage is shown on the product rating label attached to the unit).
- Has not been subjected to misuse, neglect or damage.
- Has not been modified or repaired by any person not authorised by the company.

IF CLAIMING UNDER TERMS OF GUARANTEE

Please return the complete product, carriage paid to your original supplier or nearest Vent-Axia Centre, by post or personal visit. Please ensure that it is adequately packed and accompanied by a letter clearly marked "Guarantee Claim" stating the nature of the fault and providing evidence of date and source of purchase.

Vent-Axia

Head Office: Fleming Way, Crawley, West Sussex, RH10 9YX.

UK NATIONAL CALL CENTRE, Newton Road, Crawley, West Sussex, RH10 9JA

SALES ENQUIRIES:	Tel: 0344 8560590	Fax: 01293 565169
TECHNICAL SUPPORT	Tel: 0344 8560594	Fax: 01293 532814

For details of the warranty and returns procedure please refer to www.vent-axia or write to Vent-Axia Ltd, Fleming Way, Crawley, RH10 9YX

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