VENT-AXIA SALES CENTRES

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Kinning Park, Glasgow G41 1SB.
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Barton Dock Road, Manchester M32 0ZH.
Telephone: 0161 865 8421 Fax: 0161 865 0098.

NORTH EAST 5 Dolly Lane, Leeds LS97TT
Telephone: 0113 245 2985 Fax: 0113 242 4430.

MIDLANDS 70 Albert Road,
Stechford, Birmingham B33 9AH.
Telephone: 0121 783 8601 Fax: 0121 784 7506.

SOUTH WEST 1340 Aztec West,
Almondsbury, Bristol BS12 4RX.
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SOUTHEAST Newton Road,
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EASTERN Newton Road,
Crawley, West Sussex RH10 2JA.
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LONDON Newton Road,
Crawley, West Sussex RH10 2JA.
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NORTHERN IRELAND 11 Sydenham Road,
Belfast BT3 9DH.
Telephone: 01232 455528 Fax: 01232 452529.

REPUBLIC OF IRELAND
Vent-Axia Ventilation Ltd.
921 Western Industrial Estate, Naas Road, Dublin 12.
Telephone: 01 450 4133 Fax: 01 450 4570.

Internet site at: www.vent-axia.com email: info@vent-axia.com

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

1) has been installed and used in accordance with the instructions given with each unit
2) 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.)
3) has not been subject to misuse, neglect or damage.
4) 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.

This guarantee is offered to you as an extra benefit, and does not affect your legal rights.

As part of the policy of continuous product improvement Vent-Axia reserves the right to alter specifications without notice.

Vent-Axia®

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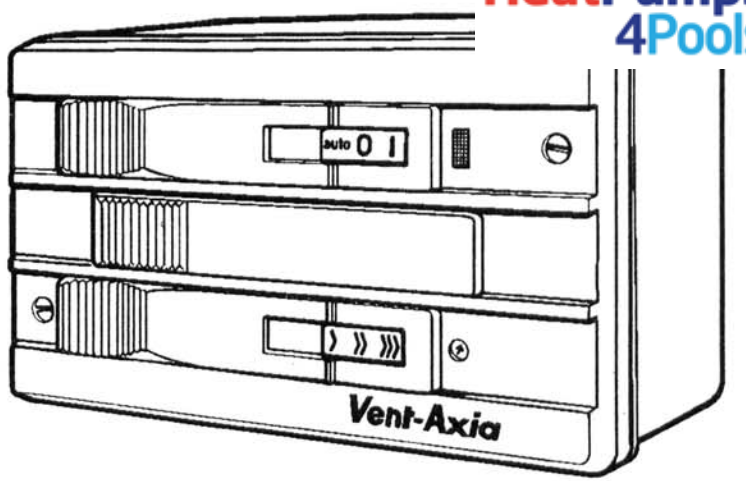
Vent-Axia®

1.5A Electronic Single Phase Speed Controller

INSTALLATION AND WIRING INSTRUCTIONS

HeatPumps 4Pools



On receipt of your Controller, check that:
a) it is the correct rating for the size of motor.
b) the voltage and frequency are correct.

CE

IMPORTANT
WARNING THIS EQUIPMENT MUST BE EARTHED
MAINS SUPPLY MUST BE ISOLATED BEFORE MAKING CONNECTION
CONNECTION TO MAINS SUPPLY MUST BE IN ACCORDANCE WITH BS 7671:1992, CURRENT I.E.E WIRING REGULATIONS, LOCAL BUILDING AND FACTORY REGULATIONS, OR THE APPROPRIATE STANDARDS IN YOUR COUNTRY.
ENSURE SAFETY REGULATIONS AND PRACTICES ARE ADHERED TO WHEN INSTALLING AND USING THIS EQUIPMENT.

1.5A Electronic Single Phase Speed Control

INSTALLATION AND WIRING INSTRUCTIONS

IMPORTANT
PLEASE READ ALL INSTRUCTIONS CAREFULLY ***BEFORE*** *COMMENCING INSTALLATION*

MOUNTING

The controller may be sited in any convenient position that is unaffected by direct heat sources such as radiators, boilers etc. Do not site the controller where it may be subject to water spray, condensation, damp or wet conditions.
Ensure that the controller is installed in a ventilated area.
Ensure that the enclosure is securely mounted using appropriate fixing screws or bolts.
If the enclosure is mounted on a metal surface or partition, ENSURE THAT THE SURFACE IS EARTHED.

WIRING INSTRUCTIONS

WARNING: THIS APPLIANCE MUST BE EARTHED
Ensure that mains supply is isolated before proceeding with the wiring.
The installation must be provided with a double-pole isolator switch, having a contact seperation of not less than 3mm, and be protected with a 3 amp fuse (U.K.).
Remove lid and connect unit in accordance with wiring diagrams overleaf.
When using surface wiring that is not being contained in conduit, the supply and output cables must be securely clipped to the mounting surface close to the controller.

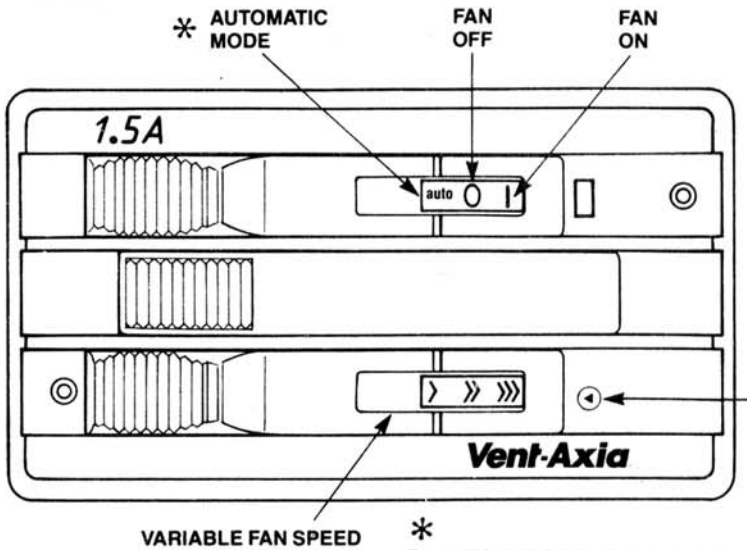
If using automatic control via electro-mechanical ON/OFF switched sensor e.g. electro-mechanical thermostat, timer, relay etc. ensure sensor switch is adequately rated for the switched load.
After making wiring connections, check that they are all correct and secure, replace lid.

NOTES ON RUNNING

Before switching on CHECK:
Control unit and motor/fan are secure
Earth connections have been made and are secure
Switch on mains
Slide control to maximum and down to minimum to ensure motor/fan operates accordingly.

MINIMUM SPEED

The control unit has been factory set to Vent-Axia's recommended minimum speed.
A minimum speed adjuster is located on the front of the controller and is exposed when the bottom slide bar is moved fully to the left.
This adjuster is used to vary the lowest speed setting if the fan does not revolve when the controller is set to minimum speed.
Using a small screwdriver, turn the adjuster clockwise to increase the minimum speed setting.
After any adjustment, make sure the fan will start from a stationary condition by using the ON/OFF switch with the variable speed slide knob set fully to the left (minimum speed).

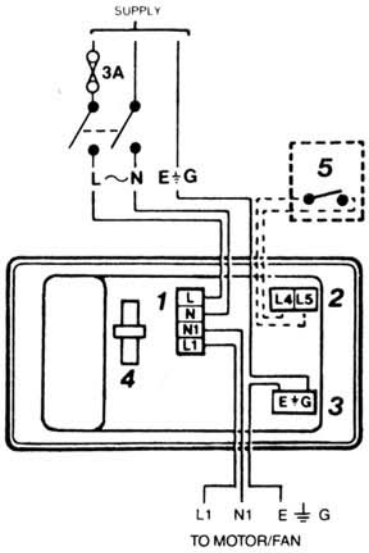


* For AUTOMATIC REMOTE SWITCHING (if required) see also relevant sensor wiring instructions.

Note:
Only mechanical or electro-mechanical switched sensors should be used, rated at 1.5A inductive 220-240V AC.

Connect sensor switch leads to L4 and L5 in the connector block 2.

When slide switch is in the position marked **auto** automatic switching from sensor/switch (if fitted) w obtained.



1 Main connector block
2 Sensor connector block
3 Earth connector block
4 Fuse (3 AMP)
5 Sensor switch

HeatPumps 4Pools