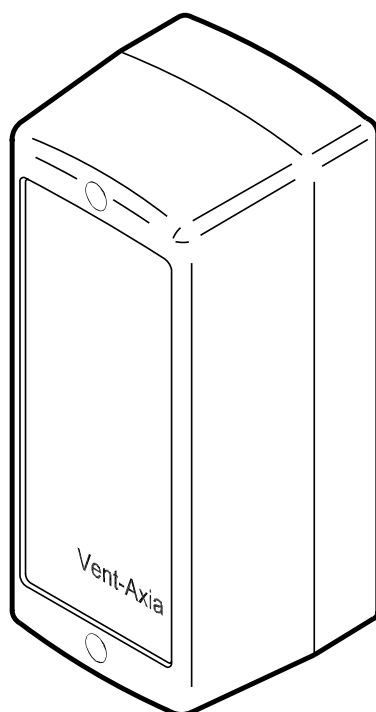


Vent-Axia®

5-SA CONTROLLER

Fitting and wiring instructions



Supply voltage to transformer/controller 220-240V/1/50Hz (Class II - ☐)
Output to fan 240, 220, 200, 180, 160V AC

INSTALLATION AND WIRING INSTRUCTIONS FOR VENT-AXIA 5-SA CONTROLLER

IMPORTANT – READ THESE INSTRUCTIONS FULLY BEFORE COMMENCING THE INSTALLATION

NOTE: The 5-SA Controller is only suitable for use with the following Vent-Axia products:

Centrif 170, Centrif 250, VA 140 & VA 150 Ranges

DO NOT install this product in areas where the following may be present or occur:-

- Excessive oil or a grease laden atmosphere.
- Corrosive or flammable gases, liquids or vapours.
- Ambient temperatures higher than 40°C or less than 0°C.
- Relative humidity above 95%.

SAFETY GUIDANCE NOTES

- A. All wiring must be in accordance with current I.E.E. Regulations, or the appropriate standards of your country. The equipment should be protected with a local 2 pole isolator switch having a contact separation of at least 3mm.
- B. Ensure that the mains supply (Voltage, Frequency and Phase) complies with the rating label.
- C. The 5-SA Controller should only be used with the Vent-Axia products listed above or those having a power consumption not exceeding 100W and not having a capacitor or triac control.
- D. If intended for use with models not listed above, the installer must confirm that the Controller is suitable by contacting the fan manufacturer to ensure compatibility. Failure to do so will invalidate the guarantee.
- E. The 5-SA Controller should not be sited within 600mm of/or 2250mm above a bath/shower tray, in accordance with current I.E.E. Regulations for bathrooms.
- F. The 5-SA Controller should not be used where it is liable to be subject to direct water spray from hoses etc.

INSTALLATION

SITING AND MOUNTING

1. The Controller needs free air circulation and must not be covered with any insulating material which may be in a ceiling or roof void.
2. The Controller should be mounted vertically as indicated by an arrow on the controller.
3. Securely mount the 5-SA Controller using the appropriate screws/rawlplugs.
4. The 5-SA Controller is supplied as a surface mounted controller and should not be recessed.

WIRING

WARNING:- THE CONTROLLER **MUST** BE ISOLATED FROM THE MAINS POWER SUPPLY DURING THE INSTALLATION AND SETTING UP. THE 5-SA CONTROLLER MUST NOT BE EARTHED.

1. See wiring diagram (*Fig. 1*).
2. The cable entry must be by a suitable grommet or cable gland.
3. Check that all connections have been made correctly and ensure that all the terminals screws and cable clamps are securely fastened.
4. Switch the mains supply on and check the 5-SA Controller is operating correctly.

SPEED ADJUSTMENT

1. Isolate from mains before removing cover.
2. Rotate knob (A) anti-clockwise to reduce the performance one step at a time (*Fig. 2*).
3. Replace cover.
4. Switch the mains supply back on and check the 5-SA Controller is operating correctly.

Fig.1

5-SA WIRING DIAGRAM

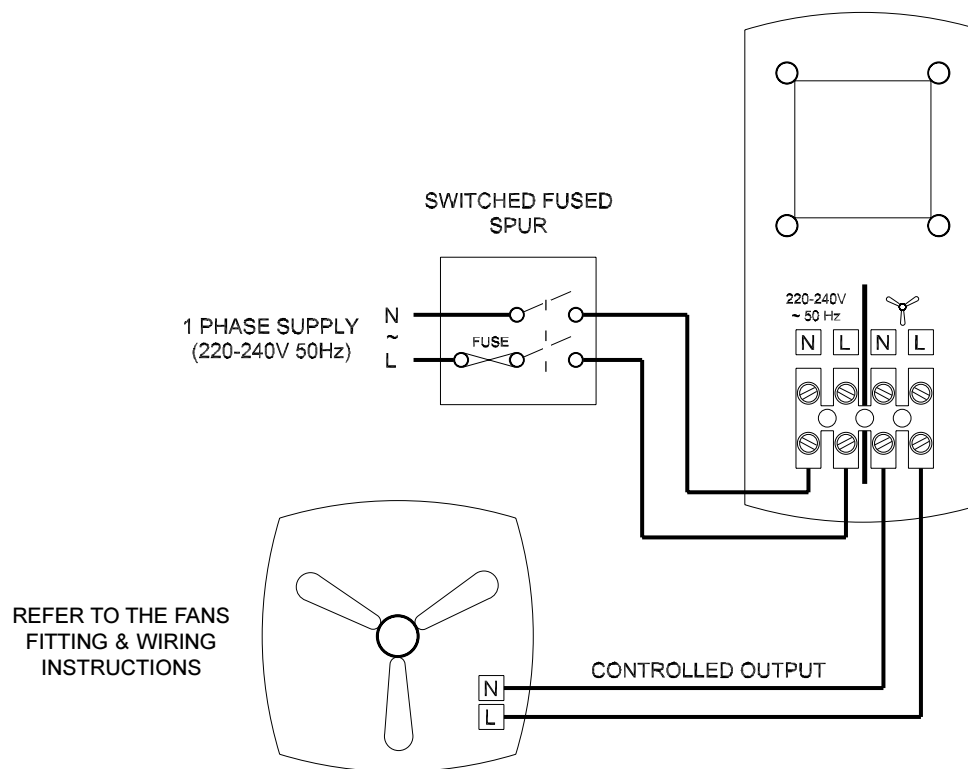
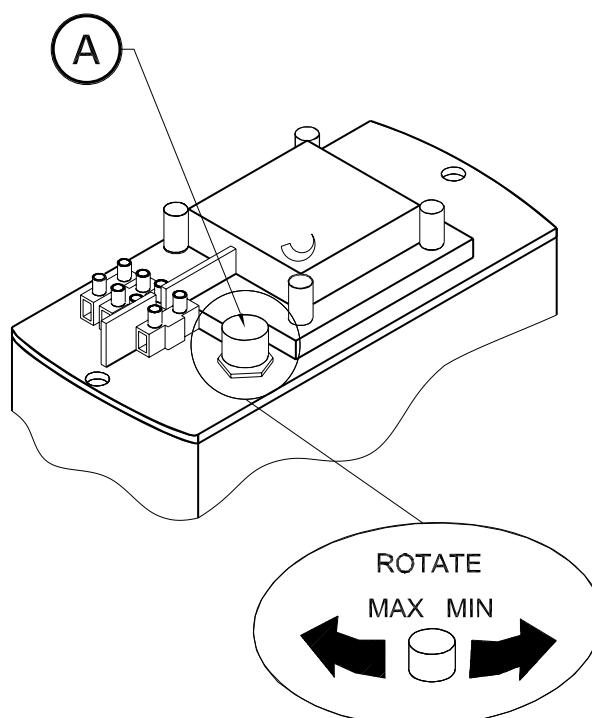


Fig.2



VENT-AXIA SALES CENTRES

ENGLAND & WALES NATIONAL CALL CENTRE

Newton Road,
Crawley,
West Sussex RH10 9JA.
Telephone: 01293 530202
Fax: 01293 565169.

SCOTLAND

12 Lambhill Quadrant,
Scotland Street Trading Estate,
Kinning Park,
Glasgow G41 1SB.
Telephone: 0141 429 1166
Fax: 0141 429 6616.

NORTHERN IRELAND

Unit 9
Alanbrooke Park Industrial Estate,
Alanbrooke Road,
Belfast BT6 9HB.
Telephone: 02890 402220
Fax: 02890 403323.

REPUBLIC OF IRELAND

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

Did you find these instructions easy to use ? We value your comments.
Contact us via:

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 guarantees its products for two years from the 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:

- 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 subjected 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.

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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