



# INSTRUCTIONS FOR: PORTABLE VENTILATORS WITH DUCTING

Model No's: VEN200.V2, VEN250, VEN300.V2.


Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

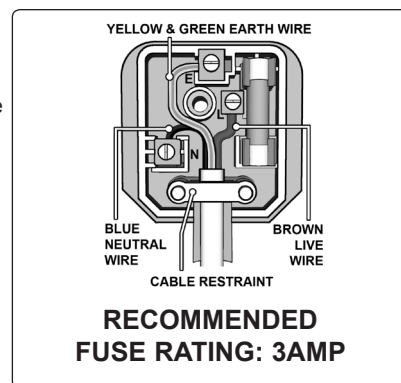


**IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS, AND CAUTIONS. USE THIS PRODUCT CORRECTLY, AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY.**

## 1. SAFETY INSTRUCTIONS

### 1.1. ELECTRICAL SAFETY

- **WARNING!** It is the responsibility of the owner and the operator to read, understand and comply with the following:  
You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician. You may obtain a Residual Current Device by contacting your Sealey dealer.  
You must also read and understand the following instructions concerning electrical safety.
  - 1.1.1. The Electricity at Work Act 1989 requires that all portable electrical appliances, if used on business premises, are tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.
  - 1.1.2. The Health & Safety at Work Act 1974 makes owners of electrical appliances responsible for the safe condition of those appliances and the safety of the appliance operators. If in any doubt about electrical safety, contact a qualified electrician.
  - 1.1.3. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.1.1 and 1.1.2 and use a Portable Appliance Tester.
  - 1.1.4. Ensure that cables are always protected against short circuit and overload.
  - 1.1.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that none are loose.
  - 1.1.6. Important: Ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating at right.
  - 1.1.7. **DO NOT** pull or carry the appliance by the power cable.
  - 1.1.8. **DO NOT** pull the plug from the socket by the cable.
  - 1.1.9. **DO NOT** use worn or damaged cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician. When a BS 1363/A UK 3 pin plug is damaged, cut the cable just above the plug and dispose of the plug safely.  
Fit a new plug according to the following instructions (UK only).
    - a) Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.
    - b) Connect the BROWN live wire to the live terminal 'L'.
    - c) Connect the BLUE neutral wire to the neutral terminal 'N'.
    - d) After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the cable restraint and that the restraint is tight. Double insulated products, which are always marked with this symbol , are fitted with live (brown) and neutral (blue) wires only. To rewire, connect the wires as indicated above - **DO NOT** connect either wire to the earth terminal.
  - 1.1.10. Products which require more than 13Amps are supplied without a plug. In this case you must contact a qualified electrician to ensure that a suitably rated supply is available. We recommend that you discuss the installation of an industrial round pin plug and socket with your electrician.
  - 1.1.11. If an extension reel is used it should be fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm<sup>2</sup>, but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm<sup>2</sup> section cable.
- ### 1.2. GENERAL SAFETY
- ✓ Disconnect the ventilator from the electrical power supply when not in use, and before servicing or performing any maintenance.
  - ✓ Use the ventilator in dry areas only. **DO NOT** use in wet or high condensation locations such as bathrooms, showers, etc.
  - **WARNING!** If the ventilator falls into water or other liquid, immediately switch it off at the mains and disconnect from the mains power supply. **DO NOT** touch the ventilator until the mains power supply has been disconnected.
  - ✓ Always disconnect the ventilator from the electrical power supply when moving it from one location to another and ensure that it is located on a level surface.
  - ✓ Keep the ventilator clean and maintain in good condition (for electrical components or motor service use an authorised service agent).
  - ✓ Replace or repair damaged parts. Use genuine Sealey parts only (unauthorised parts may be dangerous, and will invalidate the warranty).
  - ✓ Before using ensure that there are no items that may be blown about by the stream of air. Mandatory minimum distance from the unit is one metre.
  - x **DO NOT** stand the ventilator where it may be knocked over or off a surface, or where the lead may cause a person to trip.
  - x **DO NOT** insert any objects through the fan guard.
  - x **DO NOT** allow children to operate the ventilator.
  - x **DO NOT** immerse the ventilator in water or any other liquid.
  - x **DO NOT** use the ventilator outdoors.
  - x **DO NOT** obstruct the air inlet and outlet sections of the ventilator when in use.
  - x **DO NOT** operate the ventilator where there are harmful, explosive or flammable gases, fumes or hazardous substances.
  - x **DO NOT** stand the ventilator on the electrical power cable.
  - ✓ When not in use, place the ventilator in its original box, or cover it to protect it from dust, and store in a safe, dry, childproof location.



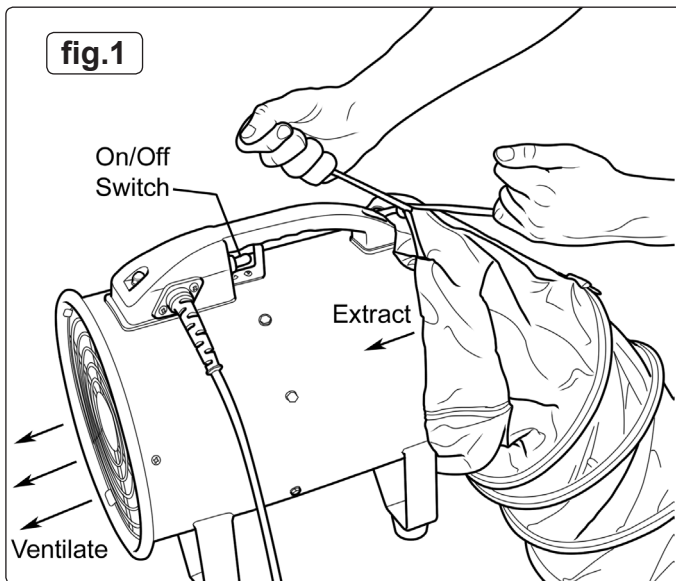
## 2. INTRODUCTION & SPECIFICATIONS

Ideal for use where high volume air delivery is required. Especially suitable for ventilating confined, hot or fume laden work sites, typically as found in boats, cable/pipe ducts, roof spaces etc. Lightweight and robust construction give the portability and durability necessary in the work place. Fitted with carry handle, 2mtr cable and ASTA/BS approved plug. Supplied with 5mtr ducting.

<b>Model No:</b> . . . . .	<b>VEN200.V2</b> . . . . .	<b>VEN250</b> . . . . .	<b>VEN300.V2</b>
Supply: . . . . .	230V 1ph . . . . .	230V 1ph . . . . .	230V 1ph
Motor: . . . . .	180W . . . . .	240W . . . . .	350W
Fan Diameter: . . . . .	200mm . . . . .	250mm . . . . .	300mm
Fan Speed (max): . . . . .	2800rpm . . . . .	2800rpm . . . . .	2800rpm
Air Flow: . . . . .	28m <sup>3</sup> /min . . . . .	45m <sup>3</sup> /min . . . . .	63m <sup>3</sup> /min
Static Pressure: . . . . .	3.1mbar . . . . .	3.5mbar . . . . .	3.8mbar
Weight (without ducting): . . . . .	6.7kg . . . . .	7.9kg . . . . .	9.6kg
Replacement Ducting (5m): . . . . .	VEN200AK1 . . . . .	VEN250AK1 . . . . .	VEN300AK1
Optional Ducting (10m): . . . . .	VEN200AK2 . . . . .	VEN250AK2 . . . . .	VEN300AK2
<b>Note:</b> Maximum length: . . . . .	10m . . . . .	10m . . . . .	10m

## 3. OPERATION

- 3.1. To extract air, attach the ducting (fig.1) to the inlet side of the ventilator, ensuring a tight fit and secure it by pulling the string tightly and knotting it. Locate the other end of the ducting in the location you wish to extract air from.
  - 3.2. To ventilate air, attach the ducting to the outlet side of the ventilator and locate the other end of the ducting in the area you wish to ventilate.
- Note:** The ducting has locating lugs attached to it. These can be used to suspend the ducting if required.
- 3.3. Plug the mains plug into a suitable mains power supply.
  - 3.4. Move the toggle switch to start the unit - select a low or high fan speed as required.



**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.  
**IMPORTANT:** No liability is accepted for incorrect use of this product.  
**WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim.  
**INFORMATION:** For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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