


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.

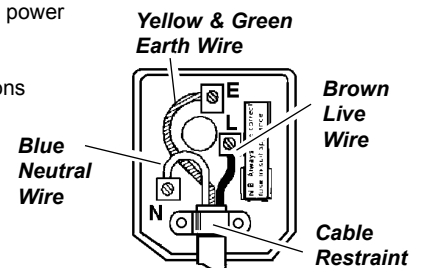
**⚠ IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP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

## 1. SAFETY INSTRUCTIONS

### 1.1. ELECTRICAL SAFETY. ⚠ WARNING! It is the user's responsibility to read, understand and comply with the following:

You must check all electrical equipment and appliances to ensure they are safe before using. You must inspect power supply leads, plugs and all electrical connections for wear and damage. You must ensure the risk of electric shock is minimised by the installation of appropriate safety devices. An RCCB (Residual Current Circuit Breaker) should be incorporated in the main distribution board. We also recommend that an RCD (Residual Current Device) is used with all electrical products. It is particularly important to use an RCD with portable products that are plugged into an electrical supply not protected by an RCCB. If in doubt consult a professional 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 all portable electrical appliances, if used on business premises, to be 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 the appliance, and the safety of the appliance operator. **If in any doubt about electrical safety, contact a qualified electrician.**
- 1.1.3. Ensure the insulation on all cables and the product itself is safe before connecting to the mains power supply. See 1.1.1. & 1.1.2. above and use a Portable Appliance Tester (PAT).
- 1.1.4. Ensure that cables are always protected against short circuit and overload.
- 1.1.5. Regularly inspect power supply, leads, plugs for wear and damage and check power connections to ensure that none is loose.
- 1.1.6. **Important:** Ensure the voltage marked on the product is the same as the electrical power supply to be used and check that plugs are fitted with the correct capacity fuse. A 13 amp plug may require a fuse smaller than 13 amps for certain products (*subject to 1.1.10. below*). See fuse rating at right.
- 1.1.7. DO NOT pull or carry the appliance by its power supply lead. Products such as welders must not be pulled or carried by their output cables.
- 1.1.8. DO NOT pull plugs from sockets by the cable.
- 1.1.9. DO NOT use worn or damaged leads, plugs or connections. Immediately replace or have repaired by a qualified electrician. A U.K. 3 pin plug with ASTA/BS approval is fitted. In case of damage, cut off and fit a new plug according to the following instructions (discard old plug safely). (UK only - see diagram at right). **Ensure the unit is correctly earthed via a three-pin plug.**
  - a) **Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.**
  - b) **Connect the BROWN live wire to live terminal 'L'.**
  - c) **Connect the BLUE neutral wire to the neutral terminal 'N'.****After wiring, check there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the restraint and that the cable restraint is tight.** Double insulated products are often fitted with live (BROWN) and neutral (BLUE) wires only. Double insulated products are always marked with this symbol . **To re-wire, connect the brown and blue wires as indicated above. DO NOT connect the brown or blue to the earth terminal.**
- 1.1.10. Some products require more than a 13 amp electrical supply. In such a case, **NO** plug will be fitted. **You must** contact a qualified electrician to ensure a 30 amp fused supply is available. We recommend you discuss the installation of a industrial round pin plug and socket with your electrician.
- 1.1.11. **Cable extension reels.** When a cable extension reel is used it should be fully unwound before connection. A cable reel with an RCD fitted is recommended since any product which is plugged into the cable reel will be protected. The section of the cable on the reel is important. We suggest at least 1.5mm<sup>2</sup> section cores but to be absolutely sure that the capacity of the cable reel is suitable for this product and for others that may be used in the other output sockets, we recommend the use of 2.5mm<sup>2</sup> section.



**FUSE RATING**  
 THIS PRODUCT MUST BE FITTED  
 WITH A  
**13 Amp FUSE**

### 1.2 GENERAL SAFETY

- ⚠ **WARNING! Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.**
- ✓ Familiarise yourself with the application, limitations and potential hazards of the extractor.
- ⚠ **WARNING! Disconnect the unit from the mains power before servicing or performing any maintenance.**
- ✓ Maintain the extractor in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- ✓ Locate the extractor in a suitable working area, keep area clean and tidy and free from unrelated materials. Ensure there is adequate lighting.
- ⚠ **WARNING! Use only on level ground or slopes not exceeding 8%.**
- ✓ Ensure there are no flammable or combustible materials near the work area.
- ✓ Keep children and unauthorised persons away from the working area.
- x DO NOT use the extractor for a task it was not designed to perform.
- x DO NOT operate the extractor if any parts are damaged or missing as this may cause failure or possible personal injury.
- x DO NOT get the extractor wet or use in damp or wet locations or areas where there is condensation.
- x DO NOT allow untrained persons to operate the extractor.
- x DO NOT operate the extractor when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- x DO NOT use the extractor where there are flammable liquids, solids or gases such as paint solvents, etc.
- x DO NOT leave the extractor operating unattended.
- ✓ When not in use switch the extractor off and remove plug from the power supply.

## 2. INTRODUCTION & SPECIFICATION

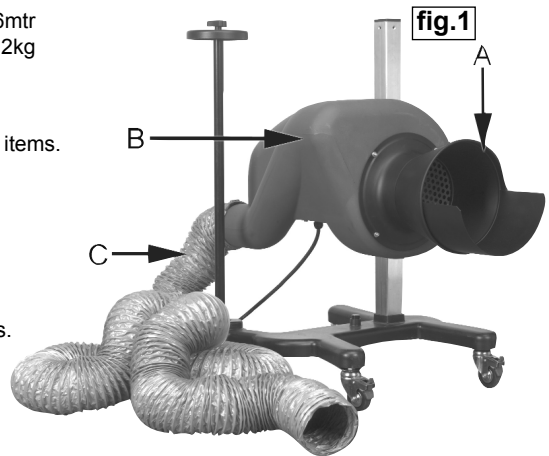
Suitable for both large and small garages and workshops. Excellent as a back-up machine for garages with purpose-built fume extraction units. Complies with the latest EMC regulations and is powerful yet quiet. Suitable for small cars and commercials up to 10ton GVW. Fitted with a special cut-away nozzle for use on vehicles with exhausts hidden behind rear bumper. Supplied with 6mtr flexible ducting.

### Specification

Motor .....230V - 1ph 550W      Hose .....6mtr  
 Air Flow .....560mtr<sup>3</sup>/hr      Weight .....46.2kg  
 Extraction height .....120 to 750mm

## 3. CONTENT & ASSEMBLY

- 3.1. Unpack the equipment and check against the list below for missing or damaged items. In the event of a fault contact the supplier.
  1. Extractor unit and stand assembly
  2. Extractor nozzle (fig.1.A)
  3. Exhaust ducting (fig.1.C)
  4. Jubilee clip
  5. 4 Screws and washers (loosely fitted in housing)
- 3.2. Attach extractor nozzle (fig.1.A) to housing (B) with the four screws and washers. Fit exhaust ducting (C) with jubilee clip.

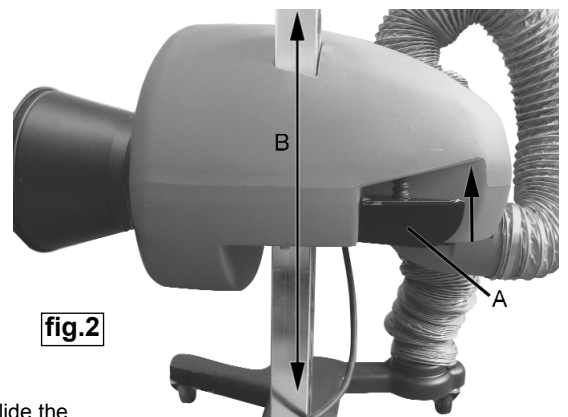


## 4. OPERATION

**WARNING! Before operating the extractor ensure that you read, understand and apply the safety instructions in Section 1.**

- 4.1. Place the extraction nozzle (fig.1.A) close to the vehicle exhaust pipe, adjusting the extractor height as necessary by lifting up the locking mechanism (fig.2.A) lift or lower the main body (fig.2.B) to the required height.
- 4.2. Route the exhaust ducting (fig.1.C) to outside the building, keeping the ducting as straight and level as is practical. Note that the ducting is relatively easily damaged and should be routed, as far as possible, away from walkways etc.
- 4.3. Connect to the mains supply and turn on the extractor at the rear of the main body (fig.3.A).

**Note:** Take care to ensure that there is no possibility of paper, plastic etc. being sucked into the extractor.



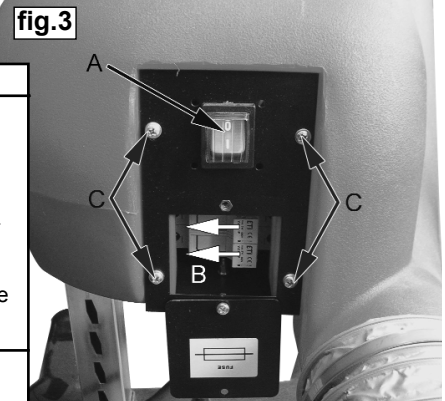
## 5. MAINTENANCE

**WARNING! Disconnect the unit from the mains power before servicing or performing any maintenance.**

- 5.1. To replace the fuses firstly undo the plate at the rear of the main body and slide the fuse boxes left (fig.3.B) to get to the fuses, replace with identical fuses and replace plate.

## 6. TROUBLE-SHOOTING

PROBLEM	CAUSE	SOLUTION
Extractor does not start	1. No supply 2. Wiring defect  3. Fuse blown	1. Check power supply. 2. Check plug and On/Off switch connections - remove 4 screws from the rear of the unit (fig.3.C) and remove protective grid on the underside of the unit to access switch wiring. 3. a) Check plug fuse. b) Unscrew the plate at the rear of the main unit and slide the fuse box left to get to the fuses, replace with identical fuses.
The unit does not extract efficiently	1. Blockage (paper, plastic etc.) 2. Fan to motor shaft lock screw loose	1. Remove extractor nozzle (fig.1.A) and clear blockage from fan. 2. Remove extractor nozzle (fig.1.A) and tighten screw.



**Declaration of Conformity** We, the UK distributor, declare that the product listed below is in conformity with the following standards and directives.

**EXHAUST FUME EXTRACTOR**  
**Model EFS/93.V3**  
 2006/42/EC Machinery Directive  
 2004/108/EC EMC Directive  
 2002/95/EC RoHS Directive  
 2002/96/EC WEEE Directive  
 93/68/EEC CE Marking Directive  
 2006/95/EC Low Voltage Directive



The construction file for this product is held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd.

Signed by Mark Sweetman

29th August 2007

For Jack Sealey Ltd. Sole distributor of Sealey Power Products.

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to [www.sealey.co.uk](http://www.sealey.co.uk), email [sales@sealey.co.uk](mailto:sales@sealey.co.uk) or phone 01284 757500.

**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 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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