

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 responsibility of the owner and the operator to read, understand and comply with the following:

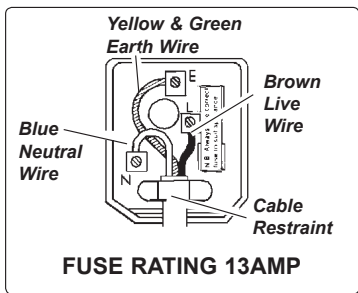
You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current 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 is 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 to the right. **DO NOT** connect either wire to the earth terminal.



- 1.1.10. Products which require more than 13 amps 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

- 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.
- DO NOT** use the extractor for a task it was not designed to perform.
- DO NOT** operate the extractor if any parts are damaged or missing as this may cause failure or possible personal injury.
- DO NOT** get the extractor wet or use in damp or wet locations or areas where there is condensation.
- DO NOT** allow untrained persons to operate the extractor.
- DO NOT** operate the extractor when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- DO NOT** use the extractor where there are flammable liquids, solids or gases such as paint solvents, etc.
- 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 10tonne GVW. Fitted with an exhaust pipe cone that includes a port to allow use with gas analyser probes. Supplied with 6mtr flexible ducting.

**Specification:**

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

### 3. CONTENT & ASSEMBLY

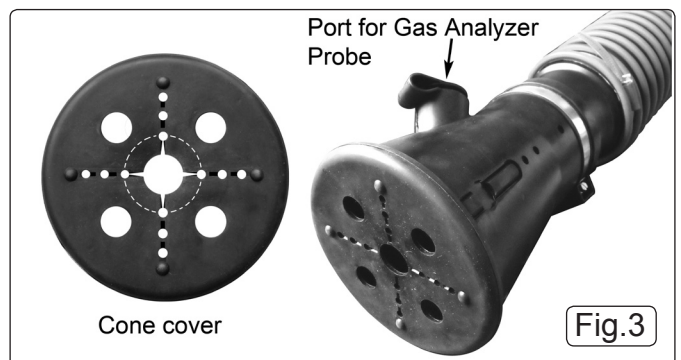
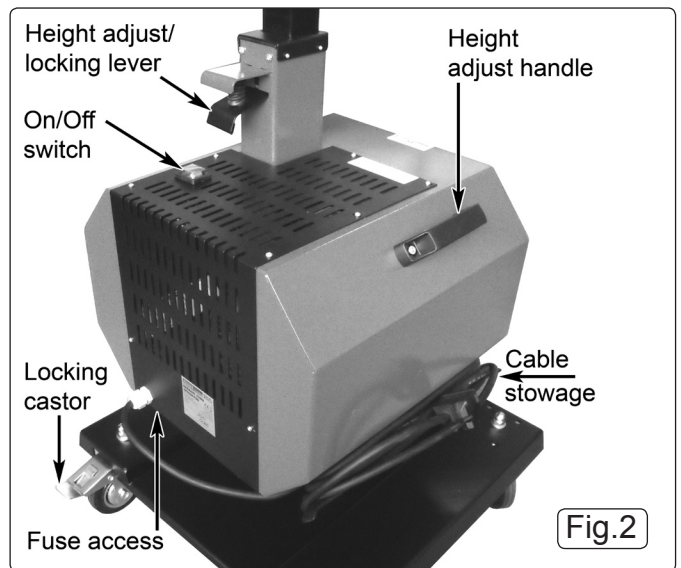
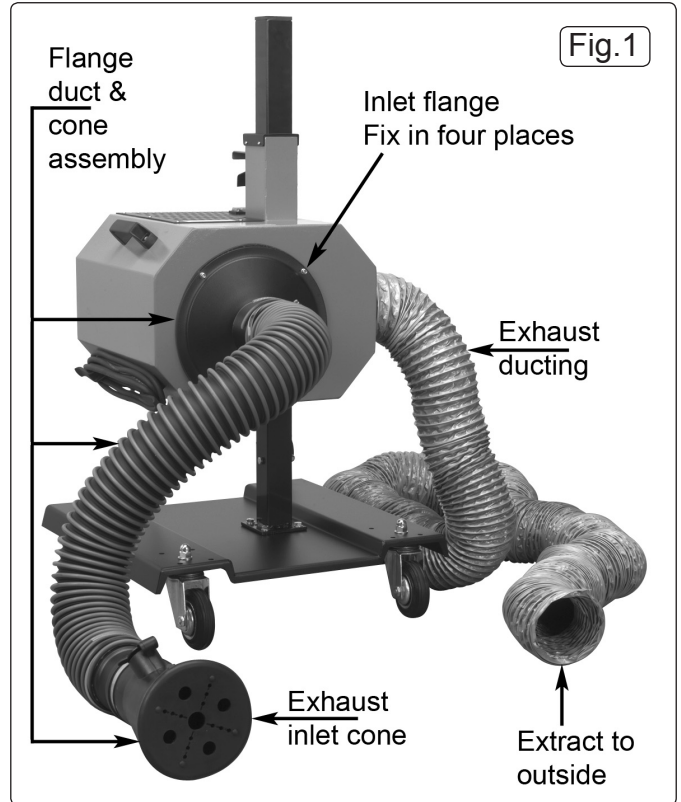
- 3.1. Unpack the equipment and check against the list below for missing or damaged items. (See also Fig.1) In the event of a fault contact the supplier.
  1. Extractor unit and stand assembly.
  2. Extractor cone, duct & flange inlet assembly.
  3. Exhaust ducting (6mtr.)
  5. 4 Screws and washers (loosely fitted in housing)
- 3.2. Remove the four socket cap screws and washers from around the inlet aperture on the main housing. Align the four holes on the inlet flange with the holes around the aperture and fix in place with the four socket cap screws and washers.
- 3.3. Fit exhaust ducting to the port on the side of the unit and retain it with a suitable jubilee clip/strap.
- 3.4. Route the exhaust ducting 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. OPERATION

- ❑ **WARNING! Before operating the extractor ensure that you read, understand and apply the safety instructions in Section 1.**
- 4.1. Move the unit into a suitable position at the rear of the vehicle and stop it moving by pressing the foot levers on both locking castors. See Fig.2.
  - 4.2. Adjust the extractor height as necessary using two hands. First take hold of the fixed handle on the main body. Place the other hand under the locking lever and lift it to release the mechanism. Using both hands move the unit up or down the column as required. Release the locking lever to lock the unit at the required height on the column.
  - 4.3. Push the exhaust cone onto the vehicle exhaust pipe. The exhaust cone cover has a series of slots and holes across each axis. Depending on the size of the exhaust pipe it may be necessary to carefully slit the face of the cover with a sharp knife equally along each axis to get the cover to fit. See Fig.3. Alternatively, if the exhaust outlet is suitable, the cover can be completely removed.
  - 4.4. Uncoil the mains cable and plug it into the mains supply. Turn on the extractor using the On/Off switch on top of the main body. See Fig.3.2.
  - 4.5. There is a port on the side of the cone (see Fig.3) which allows the connection of a gas analyser probe if required.
- Note:** Take care to ensure that there is no possibility of paper, plastic or other foreign bodies being sucked into the extractor cone.

### 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 eight self tapping screws that hold the black ventilation cover in place on the top and rear of the unit. The cover has wiring attached to it and must be properly supported whilst fuses are being changed. The cartridge fuse holder is mounted at an angle on the left, inside the cabinet. Replace a blown fuse with one of an identical size, shape and specification.
  - 5.2. Refit the ventilation cover.



**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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