

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

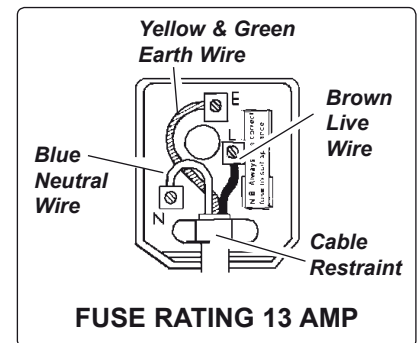
BEFORE USING THIS PRODUCT, PLEASE READ THE INSTRUCTIONS CAREFULLY. MAKE CAREFUL NOTE OF SAFETY INSTRUCTIONS, WARNINGS AND CAUTIONS. THIS PRODUCT SHOULD ONLY BE USED FOR ITS INTENDED PURPOSE. FAILURE TO DO SO MAY CAUSE DAMAGE OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY.

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 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.**
- 1.1.10. 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 1.5mm², 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 2.5mm² section cable.



1.2. GENERAL SAFETY

- ✓ Use unit for the extraction of welding fumes from torches, suction masks, suction hoods. No other use of product is permitted.
- ✓ Unplug the product from the mains power supply before cleaning, checking, or maintenance.
- ✓ Keep this product in good working order and condition. (*Take immediate action to repair or replace damaged parts*).
- ✓ Regularly check cables, suction hose, and filters to ensure they are in good condition. Use recommended parts only. (*Non recommended parts may be dangerous and will invalidate the warranty*).
- ✓ Keep this equipment dry at all times.
- ✓ Keep children and unauthorised persons away from the working area.
- ✓ Locate in adequate working area which is clean and tidy and free from unrelated materials, and has adequate lighting.
- ✗ DO NOT use the equipment for the extraction of vapours or water mists, or for acid and/or corrosive vapours and flammable substances.
- ✗ DO NOT extract any substances which are dangerous to health such as: Asbestos, cadmium, lead, beryllium, etc.
- ✗ DO NOT point the extraction hose at yourself, or others.
- ✗ DO NOT obstruct pathways, passageway, etc, with the extraction hose. (Ensure the hose is safely laid out).
- ✗ DO NOT use this product to perform a task for which it has not been designed.
- ✗ DO NOT use whilst under the influence of drugs, alcohol or intoxicating medication.
- ✗ DO NOT use the unit out of doors, protect from the elements at all times.
- ✓ Keep equipment clean and dry and store in a safe childproof area when not in use.

2. APPLICATION & SPECIFICATION

Stand-alone extractor designed to filter out harmful fumes from the atmosphere. Fitted with spark and charcoal filter to remove large concentrations of ozone gas from fumes, this unit is recommended for professional use. Supplied with extractor hose and collector nozzle. 230Volt Power supply required.

Aspirator motor	1000watts, 220/230V 50Hz	Diameter of inlet opening	50mm	Weight	18kg
Filter	Charcoal	Capacity	150m ³ /hr	Overall Dimensions	360x530x250mm
Power Supply	230V - 1ph	Noise Level	< 83.5dB		

3. INSTALLATION

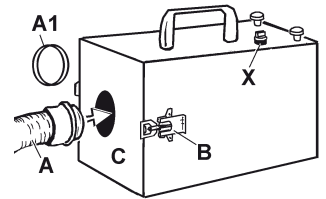
The WFS/94.V2 must be unpacked and installed indoors. **THIS UNIT IS NOT FOR USE OUTDOORS.**

- 3.1. This extractor may be used as a transportable free standing unit, or securely fixed to a level surface capable of supporting the unit's weight.
- 3.2. Allow adequate surrounding space to assure the necessary ventilation.
- 3.3. To fix the extraction hose (Fig 1 A.) undo the two clips 'B' and remove the front panel 'C'. Remove the large plastic nut 'A1' from the hose connector. Pass the hose connector through the centre hole of panel 'C' and secure with large plastic nut 'A1'.

4. OPERATING INSTRUCTIONS

- 4.1. Ensure the unit is switched off and is unplugged from the mains power supply.
- 4.2. Check the filter compartment end panel (Fig 1 C.) and ensure that clips "B" are securely locked.
- 4.3. Ensure the surrounding area will provide adequate ventilation, and that there are no obstructions in front of the air outlet.
- 4.4. Place the extraction cone (by use of attached magnet) as close as possible to the area from which fumes will be emitted.
- 4.5. To avoid possibility of accidents, ensure the suction hose is laid safely so that it will not obstruction pedestrian, or vehicle pathways.
- 4.6. Plug into the mains power, and switch the extraction motor switch "X", on. (The switch will light).
- 4.7. Continue to run the extraction unit for a short time after welding is completed.
- 4.8. When task is complete, switch the motor off and disconnect from the mains, clean and store the unit in a safe, dry, childproof area.

Fig 1



5. MAINTENANCE

5.1. General

- 5.1.1. Ensure the mains switch is unplugged before attempting repair or maintenance.
- 5.1.2. Keep the unit clean, wipe with a damp cloth, do not use abrasive materials.
- 5.1.3. Regularly check extraction hose and head to ensure they are clean and not worn, or damaged.

5.2. Filter Cartridge.

The durability of the filter cartridge depends on the way the cleaner is used and the quantity of collected impurities. Periodically check the suction capacity of the unit and replace the cartridge if there is a decrease in the unit's performance.

- 5.2.1. For easy access to the filter compartment stand the unit upright on a clean protected surface.
- 5.2.2. To change the filter undo the side clasps which hold the filter cover (fig 1 B).
- 5.2.3. Undo the two wing nuts (fig 2 D), remove the cover plate "E" and soiled filter "F". Use an air line to clean the filter compartment, fit the new filter and cover plate.
- 5.2.4. Firmly re-tighten the wing nuts "D", position the cover plate (fig C) and lock clasps "B" (the locking clasps may be adjusted by turning the locking head).
- 5.2.5. To replace the "After Filter" (at the other end of the unit), stand the unit correctly, undo hand bolts (Fig 3 G), remove grid "H", replace the soiled "After filter" "I" and re-fit grid "H".

Note: The filter cartridges are disposable and must be placed in a sealed airtight container and disposed of according to local regulations relating to the type of waste contained in the filter.

Fig 2

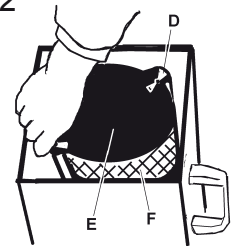
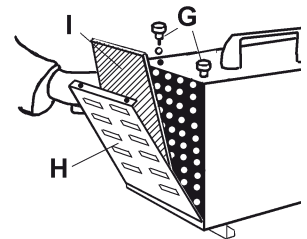


Fig 3

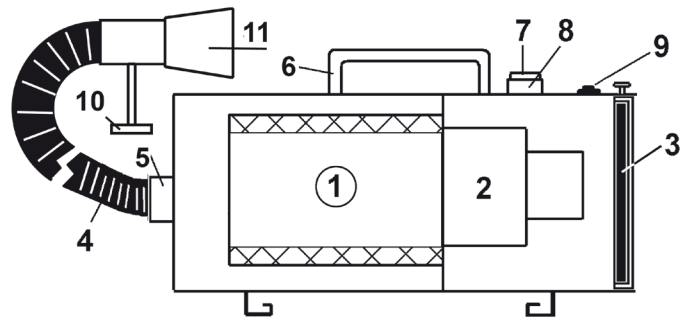


6. SPARE PARTS

ITEM	PART NO	DESCRIPTION
1	WFS94X/01	FILTER, CARTRIDGE
2	WFS94X/02	MOTOR, 230V
3	WFS94X/03	FILTER, CARBON ACTIVATED
4	WFS94X/04	5 METRES OF FLEXIBLE HOSE
5	WFS94X/05	CONNECTION, PIPE
6	WFS94X/06	HANDLE (SO)
7	WFS94X/07	SWITCH
8	WFS94X/08	LAMP
9	WFS94X/09	CONNECTION, CABLE
10	WFS94X/10	MAGNET "RED PART"
11	WFS94X/11	END CONE "BLACK PART"

ISSUE NO.1

ISSUE DATE 13/11/06



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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