

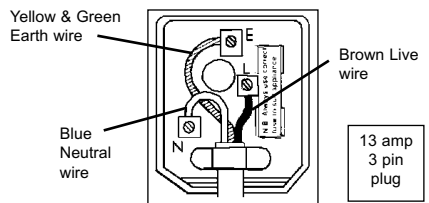


Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

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 user's responsibility to check 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 recommend that an RCD (Residual Current Device) is used with all electrical products. It is particularly important to use an RCD together 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 a business premises, to be tested by a qualified person at least once a year by using a Portable Appliance Tester (PAT).
 - 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. DO ensure that the insulation on all cables and the product itself is safe before connecting to the mains power supply. See 1.1.2. above and use a Portable Appliance Tester (PAT).
 - 1.1.4. DO ensure that cables are always protected against short circuit and overload.
 - 1.1.5. DO regularly inspect power supply, leads, plugs and all electrical connections for wear and damage, especially power connections to ensure that none are loose.
 - 1.1.6. DO check that the voltage marked on the product is the same as the electrical power supply to be used, and check that all fused plugs are fitted with the correct capacity fuse.
 - 1.1.7. DO NOT pull or carry the powered 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 power plugs from sockets by the power cable.
 - 1.1.9. DO NOT use worn or damage leads, plugs or connections. Immediately replace or repair by qualified persons. 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 (UK only - see diagram at right).
 - a) Ensure the unit is correctly earthed via a three-pin plug.
 - b) Connect the Green/Yellow earth wire to the earth terminal 'E'.
 - c) Connect the Brown live wire to live terminal 'L'.
 - d) Connect the Blue neutral wire to the neutral terminal 'N'.
 - 1.1.10. DO NOT use an adaptor.



- 1.2. GENERAL SAFETY**
- ✓ Use unit for the extraction of welding fumes from torches, suction masks, suction hoods. No other use of products 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 child proof area when not in use.

2. APPLICATION & SPECIFICATIONS

The WFS94X is a mobile appliance designed for use in buildings where welding fumes are a hazard. The unit may be stood alone or can be cabinet mounted. The WFS94X contains an electrical aspirator designed to filter out harmful fumes from the atmosphere. Fitted with spark and charcoal filter to remove large concentrations of ozone gas from fumes, the unit is supplied with an extractor mask and magnetic collector nozzle. In order to gain maximum results it is important to place the suction inlet as close as possible to the source of fume emission. On the top of the case there is a control panel consisting of a rocker switch with a built in warning light.

Aspirator motor1000watts, 220/230v 50Hz	Electrical systemComplies with EEC60204/1	Noise Level< 83.5dB (A)
Head1500mm	Diameter of opening50mm 82.3dB (C)
FilterCarbon	Capacity150m ³ /h	Weight18Kgs Gross
Master switch6amp 220/230v		Overall Dimensions360x530x250mm

3. INSTALLATION

(Not for outside use).

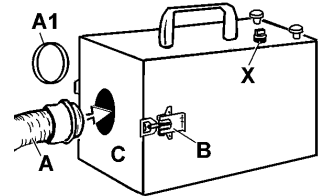
The WFS94 must be unpacked and installed indoors.

- 3.1. The appliance may be used as a mobile free standing unit, or securely fixed to a level surface capable of supporting the unit's weight, (i.e. a cabinet).
- 3.2. Allow adequate surrounding space to assure the necessary ventilation.
- 3.3. To fix the extraction hose (Fig 1 A.), unclip "B" the front panel "C", pass the hose through the centre hole 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 clasps "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 head (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.

5.4. Filter Cartridge.

The durability of the filtering 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 should be a decrease in the unit's performance.

- 5.4.1. For easy access to the filter compartment stand the unit upright on a clean soft surface.
- 5.4.1. To change the filter undo the side clasps which hold the filter cover (fig 1 B).
- 5.4.2. 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.
- 5.4.3. 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).
- 5.4.4. 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

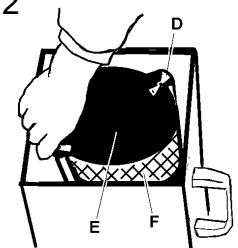
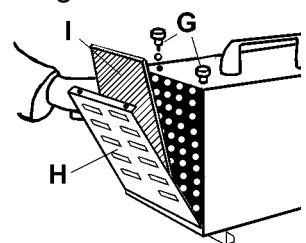
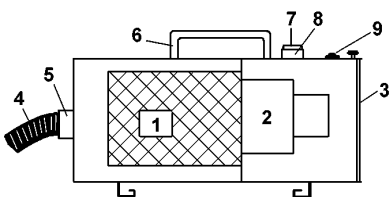


Fig 3



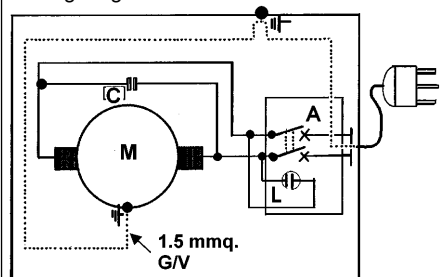
6. PARTS LIST



Original Date:- 010298
Issue Date:-
Version Nbr:- 0
Date Modified:- N/A

Item	Part No	Item Name
1	WFS94X/01	Filter, Cartridge
2	WFS94X/02	Motor 230v
3	WFS94X/03	Filter, Carbon activated
4	WFS94X/04	Hose, Flexible
5	WFS94X/05	Pipe, connection
6	WFS94X/06	Handle
7	WFS94X/07	Switch
8	WFS94X/08	Lamp
9	WFS94X/09	Connection, cable

Wiring diagram



Declaration of Conformity

We, the sole importer into the UK, declare that the product listed below is in conformity with the following EEC standards and directives

Welding Fume Extractor Model No: WFS94X

EEC Directive 89/392EEC Machinery and amendments.
73/23/EEC Directive
89/336/EEC Directive & Amendments.



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

Signed by John Sealey

Date 1st February 1998

For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products

IMPORTANT: NO RESPONSIBILITY IS ACCEPTED FOR INCORRECT USE OF THIS EQUIPMENT.

WARRANTY: GUARANTEE IS 12 MONTHS FROM PURCHASE DATE. PROOF OF PURCHASE WILL BE REQUIRED FOR ANY CLAIM.

INFORMATION: PLEASE CALL US FOR A COPY OF OUR LATEST CATALOGUE.



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