

# **IMPORTANT USER GUIDANCE** **SCRUB-AIRE 2000 AIR CLEANER**

## **READ ALL THE INSTRUCTIONS BEFORE USING THE EQUIPMENT**



**General Specification:** the Scrub-aire 2000 has been designed to be easy to use, easy to clean, and provide air scrubbing duties within or close-by a work area. The Scrub-aire draws contaminated or polluted air through a series of filters, returning clean air at low level back to the work environment.

Air passes through a pre-filter (shown blue here) which removes larger particles, and then passes through a High Efficiency Particle Attenuation (HEPA) filter which removes the very fine particles. The HEPA filter will separate out more than 99.95% of particulates down 0.3 micron size. Where the problem is an odour a supplementary carbon filter is available (on request).

The air cleaner is on castors & can be positioned where convenient to the user.

**Technical Data:** Dimensions 1265mm H x 585mm x 585mm, Weight 61kg. Pre-filter size 370 x 370 x 45mm. Ultimate filter: HEPA H13, better than 99.95% efficient. Variable airflow 0–2000 m<sup>3</sup>/hr. Operates from 110v power supply, connection via a trailing lead fitted with 110v 16A plug; motor power 470 watts, draws 4.5 amps @110v. Sound level 62 - 70 dB(A) @ 3m.

1. **INSTALLATION:** the equipment is designed for use inside the workplace, in a dry area, on a level surface. Do not use this equipment in a damp or wet location, nor in the presence of flammable liquids or gases. Once in place apply the castor brakes.
  - There are four inlet filters each protected by a cover during transit. At least one transit cover must be removed before operation, and may be “parked” on top of the machine, where it will attach magnetically. Any number of covers can be removed and parked on top of the machine.
  - Filtered air must be allowed to freely discharge from the machine. The low level discharge flaps are held closed by magnets; these will open as the airflow is increased. Ensure the discharge flaps are not obstructed.
2. **OPERATION:** connect to a 110v power supply, switch on and rotate the variable speed dial to achieve the required airflow. The fan will take a few seconds to start and reach operational speed. Air will now be drawn through the pre-filters and discharged at low level after removal of airborne particulates.
  - **In-use routine maintenance:** the filter system will gradually block as particulates are captured, causing a reduction in air-flow through the machine; you can compensate for this by increasing the fan speed. The pre-filters are a user changeable consumable item which can be purchased from Envirogard; regular replacement will help maintain good airflow.
  - **Filter condition:** the equipment is fitted with a gauge to monitor the filter condition. The normal range is 0–750 Pa (depending on fan speed selected) and is typically 550 – 750 Pa at maximum fan speed. If the gauge moves above 750 Pa when the fan is turned to maximum speed check the following:



### **Possible Cause**

Air inlet obstructed by proximity to structures ?  
Polythene bag sucked against pre-filter ?  
Pre-filter dirty or wet ?  
HEPA filter blocked ?

### **Solution**

Ensure 150mm+ gap from adjacent structures  
Remove from pre-filter  
Replace with clean pre-filter  
If you think the HEPA may be blocked contact Envirogard

3. **WARNING:** The absolute HEPA filter is contained within the body of the machine to protect it from mechanical damage. Do not attempt to access the HEPA filter, and in no circumstances should the HEPA filter media be touched – it is not a user serviceable item. Should the HEPA filter sustain mechanical damage the equipment must be taken out of service and returned to Envirogard. If you use this equipment for dusts which are, or might reasonably be considered, a hazard to health you **MUST** disclose this to Envirogard, and you must observe the regulations relevant to the material you are working with. **Note that this machine MUST NOT be used for collection of asbestos dusts.**
4. **AFTER USE:** on completion of work disconnect from power supply, **always** clean off the outside of the machine (with a vacuum if possible), remove and dispose of dirty pre-filters, and re-fit transit covers before return to Envirogard.

**FOR MORE INFORMATION ABOUT OUR RANGE OF SPECIALIST AIR FILTRATION AND VACUUM EQUIPMENT PLEASE SEE OUR WEBSITE [www.envirogard.co.uk](http://www.envirogard.co.uk) OR CONTACT OUR HIRE DEPOTS**

**Envirogard Hires**



[www.envirogard.co.uk](http://www.envirogard.co.uk)

NATIONWIDE DELIVERY SERVICE

Manchester	01613 208 587	email: manchesterdepot@envirogard.co.uk
Ashford	01303 814 930	email: ashforddepot@envirogard.co.uk
Tamworth	01827 304 955	email: tamworthdepot@envirogard.co.uk
Barnsley	01226 740 900	email: barnsleydepot@envirogard.co.uk
Bristol	01179 374 551	email: bristoldepot@envirogard.co.uk

