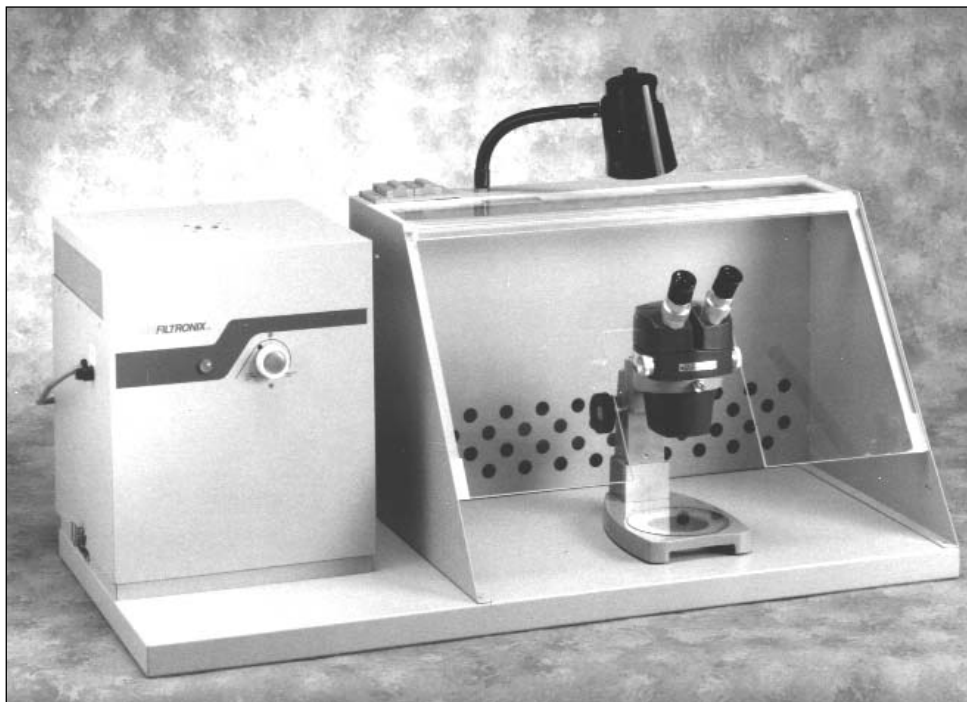


HS-4500 Workstation

Assembly and Installation Instructions



Before assembly please check the contents of your package following the enclosed instructions.

The HS4500 workstations comprises:

1. Combined work area, blower unit and filter housing
2. 40W Worklight and 110V AC accessory outlets
3. AC line cord with medical grade plug

No tools are required for assembly

AIRFILTRONIX
CLEAN AIR FOR INDUSTRY, MEDICINE & RESEARCH

G-Series Enclosure Installation Instructions

1. Unpack workstation by removing straps holding the corrugated cardboard covering to the wooden skid and lift off the covering. Notify your carrier immediately if there is any damage to the wooden skid or corrugated cover.
2. Place the workstation in a suitable location at a height of 32" - 34" with accessible 110V AC outlets (see Figure 1).



Figure 1



Figure 2

3. Unsnap latches on either side of the blower enclosure (see figure 2) and lift the blower unit off its base (see figure 3). Remove the line cord packaged inside the enclosure and loosen the wingnuts on either side of the compression bar until the bar can be lifted approximately 4-5 inches above the filter frame (see figure 4).



Figure 3

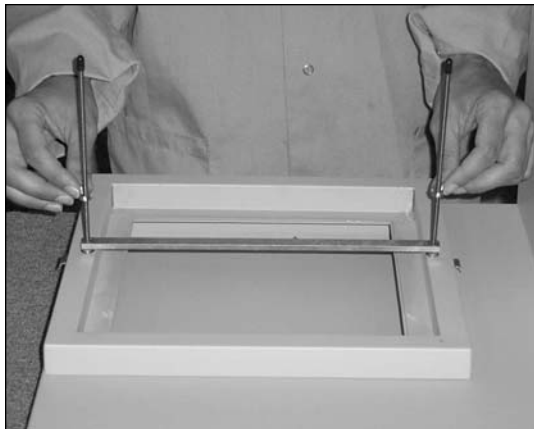


Figure 4

4. Lift up the filter clamping bar and install filters as specified in Appendix A, ensuring that they are installed in the correct order (Figure 5). Contact our Engineering Department at 1-800-452-8510 if you have any questions . When all filters are in place tighten down the wing nuts on either side of the clamping bar to compress the filters gaskets. Correct tightness is achieved when the bar bends upwards in the middle by approximately 1/4" (Figure 6).

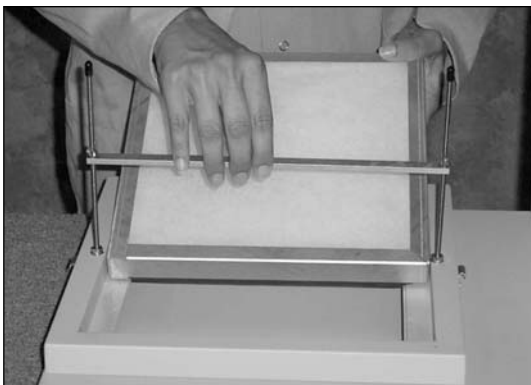


Figure 5



Figure 6



Figure 7



Figure 8

5. Carefully replace the blower housing and reattach overcentering latches on either side (figure 7).
6. Screw the 40W Bulb supplied into the socket of the worklight. Attach the accessory outlet line cord to a 110V AC outlet (figure 8). Check that the bulb operates by rotating the knob on the back of the lamp in a clockwise direction. Turn off in the same manner (figure 9).
7. Connect the AC line cord to the input socket on the side of the blower unit and to a 110V AC outlet (figure 10).



Figure 9



Figure 10



Figure 11

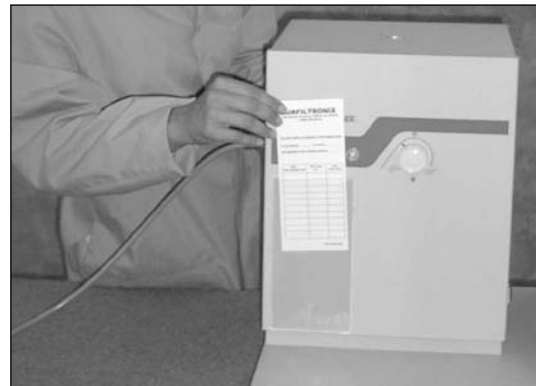


Figure 12

8. Check operation of the blower unit by rotating the power switch in a clockwise direction. Confirm operation of the "Power On" lamp and blower speed adjustment (figure 11).
9. Fill out the filter history cards (one for each type of filter installed) and place in the pouch on the front panel of the blower unit.

10. If a piece of equipment is being used inside the workspace, lift the front cover/face shield to facilitate installation (figure 13).
11. Two 110V AC accessory outlets may be found on the rear top of the HS4500 workstation, maximum current rating for the outlets is a combined 10 amps. (figure 14).



Figure 13



Figure 14

Regular Maintenance

Under normal use the blower unit, which has a sealed bearing, should provide many years of uninterrupted use. There are no user serviceable parts in the blower unit housing. The filters should be checked for performance and replaced on a regular basis.

Safety Procedures

There is a risk that internal parts of model HS-4500 blower unit may be contaminated with whatever substance the filter is intended to remove. When replacing filters please follow appropriate guidelines for handling materials the enclosure is being used to contain. Wear OSHA approved gloves, safety glasses and filtered breathing mask.

Used filters should be placed in impermeable bags for disposal in accordance with local regulations.

For further information, call or write the Occupational Safety and Health Administration, Department of Labor, Washington, DC (410) 865-2055 or your local health department.

Filter Maintenance and Replacement

Turn off blower unit and remove line cord from blower. Unsnap latches on either side of blower unit and lift blower unit from filter base. Loosen wingnuts to allow filter removal.

Remove old filters and place in heavy plastic bag. Follow reverse order of these instructions when installing new filters. The gasketed side of the filter should always be facing downward. The filter replacement history should be maintained using the card supplied in the clear pouch on front of the blower.

Warranty

Airfiltronix warrants this product for one year from date of purchase. We will repair without charge, or replace at our discretion, any defects due to faulty material or workmanship. Please return the unit in original packaging or suitable equivalent, transportation prepaid and insured directly to us. This warranty does not apply to filters, accessories or damage caused by improper repair or unauthorized repairs attempted by anyone other than by manufacturer.

For the name of your local representative contact:

AIRFILTRONIX

CLEAN AIR FOR INDUSTRY MEDICINE & RESEARCH

154 Huron Avenue, Clifton, New Jersey 07013

800-452-8510 • PHONE: 973-779-5577 • FAX: 973-779-5954

www.airfiltronix.com • e-mail: airfiltronix@aol.com