



electrocorp
Air Filtration Systems

Operation and Maintenance Manual

HD 950

Fume and Chemical Extractor



Model No. _____

Serial No. _____

WARNING!

THIS UNIT IS NOT DESIGNED FOR USE IN FLAMMABLE APPLICATIONS.

UNIT INSPECTION

Upon receipt of your HD 950 Fume Extractor, inspect for visible damage. If damaged, report immediately to transport company.

The HD 950 is delivered for use in a dust, smoke, odor, and VOC capturing environment. The unit contains a spark arrestor, a 2" pre-filter, and either an 80-pound carbon canister with a 12" HEPA filter or two 80-pound carbon canisters without a HEPA filter. If the unit was purchased for an application other than welding, it will not have a spark arrestor.

PRE-START UP

Carbon canisters and the Extractor Arm are shipped in separate boxes and must be installed. In some instances, the unit may be shipped without wheels, which would require installation.

TO INSTALL WHEELS

- 1 Lay unit on its side and attach wheels with the supplied bolts.
- 2 Stand unit up onto its wheels

TO INSTALL CARBON CANISTER

- 1 Unlatch door latches and install the carbon canister in the lower tray frame; rubber gasket down.
- 2 Attach door latches.

TO INSTALL EXTRACTOR ARM

1 The intake box on your unit is equipped with 4 weld studs. You have to align the holes on the base plate of the arm with the 4 weld studs and insert the arm. Lock nuts and washers are provided so you can tighten the base of the arm to the intake box. The unit needs to be connected to an 115v, 15amp dedicated circuit.

CAUTION:

ALWAYS UNPLUG WHEN SERVICING MACHINE.

START UP

- 1 Place unit on a flat surface.
- 2 Ensure all filters are in place.
- 3 Ensure intake and exhaust are not obstructed and will not inhibit airflow.
- 4 Connect to a 115v, 15amp dedicated circuit.
- 5 Rotate control knob clockwise to activate power.
- 6 Adjust the control knob to an airflow setting that meets your needs.

GENERAL MAINTENANCE

It is very difficult to predetermine a specific schedule, as the dust, smoke and chemical loading will vary depending on the application. Daily inspection of the pre-filters is recommended along with removal of dirt. The carbon in the carbon canister should be changed every 6 to 12 months, or as soon as off gassing occurs.

The HEPA filter should be changed whenever the pre-filters are cleaned and a noticeable reduction in air draw is noticed.

PARTICULATE FILTER REPLACEMENT

- 1 Clean the spark arrestor filter weekly by either blowing off or washing.
- 2 Replace pre-filters as needed, depending on usage.

When HEPA filter is replaced, gasket side is down. Utmost care must be taken not to damage the exposed portion of the HEPA filter.

HEAVY DUTY ODOR APPLICATION

It is essential that the carbon filters be replaced approximately once every twelve months, or immediately following any detection of odor on the discharge of the system.

To replace your carbon filters, call your authorized dealer to purchase replacement filters. This should be done prior to removing the filters.

TO REPLACE CARBON FILTER ASSEMBLY (Part no. 65FC0311 or 65FC0312)

- 1 Ensure that the unit is unplugged.
- 2 Open door.
- 3 Slide out existing Carbon Filtration Assembly from the unit. (see diagram on page 5).
- 4 Remove new Filtration Assembly from the box.
- 5 Insert new Filtration Assembly (see diagram on page 5).
- 6 Return door to the closed position and verify that an airtight seal is maintained.
- 7 Dispose of used Filtration Assembly.

TO REFILL CARBON FILTER WITH BULK CARBON ADSORBENT:

- 1 Slide out carbon filters (see diagram on page 5).
- 2 Unscrew the two (2) top panel covers and lift off cover.
- 3 Pour out used activated carbon. This procedure may be dusty, therefore a dust mask is recommended.
- 4 Refill carbon filters with fresh activated carbon.

FILTER HOLDING MODULE

Panel covers not shown for clarity

NOTE:
Always check with your local authorities for proper disposal of spent filters and adsorbent.

Airflow from underneath

The Carbon Assembly is a perforated metal container, engineered to provide maximum air contact with the chemical filters.
An added feature of the carbon filter is the removable panel cover running the full depth of the unit for ease of filter loading.

PARTS

65FH0411 - HEPA Filter

65FC0311 - Exec Carbon Filter or 65FC0312 - Vocarb Carbon Filter

65FH0417 - Pre-Filter

65FP1416 - Spark Arrestor

PRODUCT WARRANTY

Electrocorp warrants its equipment to be free from defects in material and workmanship under normal use and service for a period of one year from date of shipment. Electrocorp's obligation under this warrant shall be limited to replacing any parts, thereof, which shall be demonstrated to have been defective. This is expressly in lieu of all other warranties, express or implied, including the warranties of merchantability and fitness.

Electrocorp claims no warranty as to merchantability or as to the fitness of merchandise for any particular use and shall not be liable for any loss of damage. No person, firm or corporation is authorized to assume for Electrocorp any other liability in connection with the sale of these goods. Equipment, parts and material manufactured by others and incorporated in Electrocorp's equipment are warranted by Electrocorp only to the extent of the original manufacturer's liability to Electrocorp.

Expendables are not warranted for any period of time.

CONDITIONS AND LIMITATIONS:

This warranty does not cover abuse, misuse, maintenance negligence, improper assembly, acts of vandalism, acts of God, fear wear, modifications of the equipment or installation of a part not recommended by Electrocorp, as well as operation of the equipment at voltages other than those specified by Electrocorp



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