

Operator Manual for MF HEPA & MF Eco HEPA



MF HEPA & MF Eco HEPA

BEFORE USE

1. Check the power supply cable for damage, if any damage is visible, it must only be replaced by the manufacturer or qualified electrician to avoid a hazard.
2. Check that the extraction arm hose is not split or damaged, as this will reduce the efficiency of the unit.
3. To protect against electrical shock, do not immerse the power supply cable, plug or extractor in water or other liquid.
4. Our extractors are designed for interior use only and should not be used outside in wet conditions.

SAFE OPERATION

1. Position the extractor on level ground, in a convenient and safe area. Ensure that the extraction arm will easily reach the operators workplace and the front wheels are locked.
2. Insert supply cable plug into an appropriate electrical socket. Ensure that the supply cable is not a trip hazard to anyone and turn on the main switch located at the rear of the unit.
3. The extraction hood should be aimed at the source of the welding fumes/gases or grinding dust (MF Eco HEPA only). This should be within a distance of 400mm away and positioned to draw the fumes/gases away from the operators face.



AIRFLOW METER (Optional extra)

If the extractor is fitted with an optional airflow meter, this should show a chevron or tick when the unit is switched on. If a cross still shows after 30 seconds of switching on the unit, this indicates low airflow.

NB. The model of Airflow meter may differ from the unit shown.



GOOD AIRFLOW



POOR AIRFLOW

CLEANING THE EXTRACTOR

Before any cleaning is undertaken, please ensure the extractor is turned off and disconnected from the mains power supply. The main unit and extraction arm may be wiped with a damp cloth and mild detergent. Do not use abrasive cleaners or solvents as this could damage the extraction arm hosing.

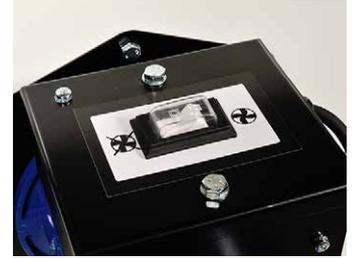
MF Eco HEPA Only

CLEANING THE PRIMARY FILTER WITH THE JET-PULSE SYSTEM

When the primary filter gets dirty, the airflow volume will drop off to a level where capture of contaminants is not adequate. Activate the Jet-Pulse cleaning system. Fumex Ltd recommend, always using the Jet-Pulse Cleaning System with the extractor outside, as some dust could be ejected from the cabinet under positive pressure.

1. Switch unit off. Disconnect electric supply cable.
2. Fumex Ltd recommend emptying the collection tray BEFORE cleaning the filter. Please ensure that the correct PPE is ALWAYS worn when emptying the collection tray. PPE should include; fully fitted dust mask (with appropriate filters), disposable gloves & overalls. The material in the collection tray should be placed in a sealed bag and MUST be disposed of in accordance with local authority regulations.
3. With the cabinet door CLOSED, connect an airline to the self cleaning hose on the unit. Open the valve on the unit 3 times for 10 seconds. Leave a 30 second pause between each 10 second activation. This will eject most of the loose particulate from the primary filter and will then collect in the tray underneath.

A constant 80 psi (6bar) pressure is recommended (not over 90 psi and not below 70 psi). Reasonably clean and dry air is required, oil and/or water will reduce lifetime of the filter.
4. Open the cabinet door and empty the collection tray. After replacing the tray, close the cabinet door and restart the unit. The frequency of cleaning will depend on usage, but this could be daily or weekly.



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REPLACING THE FILTERS

The primary filter (round) is held in place by a M8 wingnut, the filter will slide out horizontally once this is removed. The HEPA filter (square) is removed by pushing upwards from below. Care should be taken not to damage the seal (on base of HEPA filter) when the new filter is slid into position by supporting it from underneath. Old filters should be placed in a sealed bag and disposed of in accordance with local authority regulations. Correct PPE MUST be worn (see section 2 above).





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- » Centralised Systems
- » Centralised Filter Units
- » Flexi Extractor Arms
- » Flexi Crane Extractor Arms
- » Portable Weld Fume Extractors
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