



INSTRUCTION MANUAL

FOR

CQ-FE-2 FUME EXTRACTOR

WITH AIR FLOW CONTROL

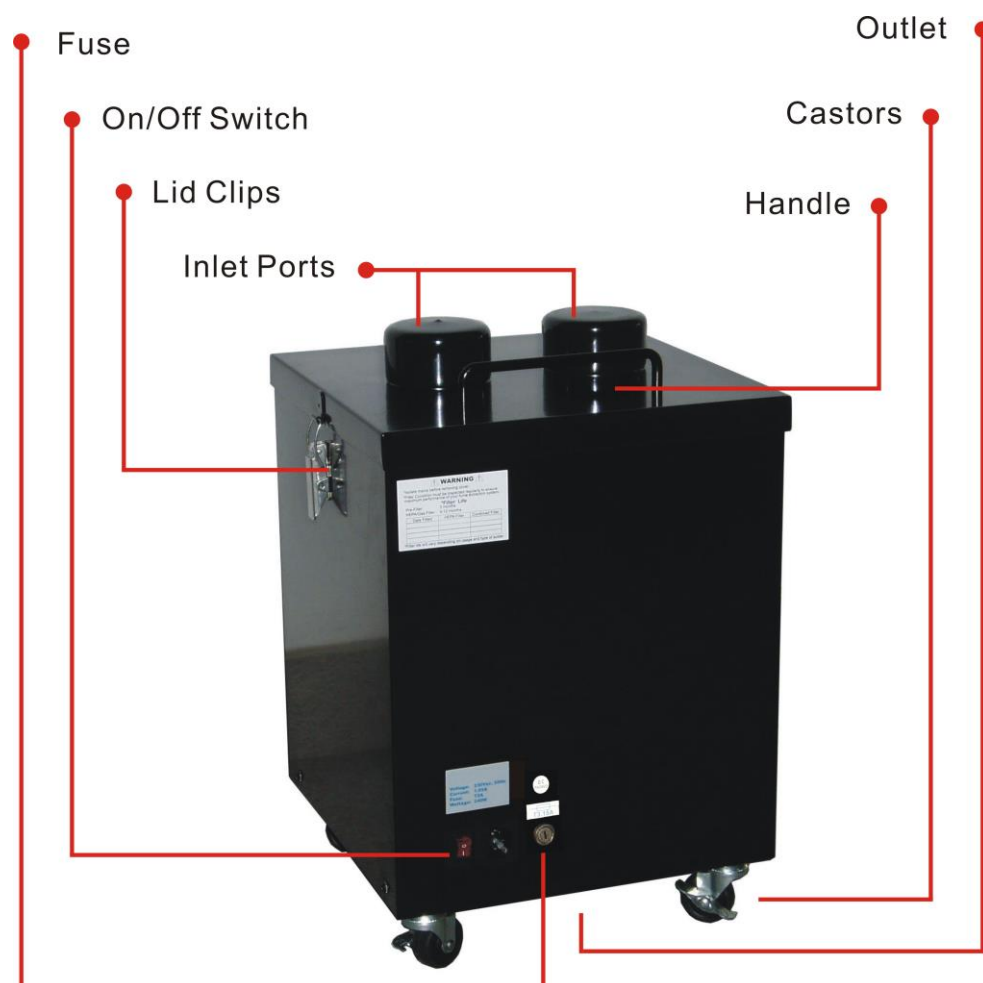
Thank you for selecting this CHIPQUIK ® fume extraction system. All units are designed and built to the highest standard and use only the best components. Please read the instructions carefully.

Important: Only authorized technicians should carry out component testing and replacement. Unauthorized replacement may result in a potentially dangerous situation and will invalidate the manufacturer's warranty. Please note if anything other than CHIPQUIK® replacement filters or parts are used that the manufacturer's warranty will also be invalidated.

Do not operate the unit with a damaged supply cord.

Do not block the air inlet or vent-hole

System at a Glance



Specifications

Type	CQ-FE-2	
Voltage	100-120 VAC	220-240 VAC
Frequency	60Hz	50Hz
Rated Output Power	0.32KW	0.12KW
Fuse	T3.15A	T2A
Air Flow	350m ³ /hr	
Noise Level	< 55dB	
Outline Dimension	310(L) × 310(W) × 460(H) mm	
Weight	20 kg (44 lbs)	

Setting Up

1. Unpack your new fume extraction system and ensure that the working voltage is the same as that of your electrical supply.
2. The air flow inlet(s) on the system are located on the top of the unit and sealed with cap(s).
3. The unit comes with a built-in silencer as standard.
4. The filtered air is exhausted through the base. Under no circumstances should this outlet be covered as this will restrict airflow and cause over-heating, which may damage the system.
5. The unit must not be operated in an area exceeding room temperature.
6. Check that the filters are located in their correct position and carefully replace the lid.
7. Turn on the rocker switch. The unit will take a few seconds to build up to speed on initial start-up.

Note: Unit with flow control requires a 10-15 second delay after shut down before re-start.

Operating Instructions

1. Plug in the AC Power cord with plug, and turn the Air Flow knob to the maximum setting.
2. If the suction noise varies up and down, check that the motor is working normally, air inlets and air outlet are clear to avoid the unit over-heating,

and if the filter needs to be replaced.

3. It is recommended to replace the filter when fumes are not being pulled away sufficiently. Keeping a spare set of filters on-site with the unit is recommended to avoid the unit having to be temporarily shut down.

Filter Replacement

1. Unplug the unit from mains AC power.
2. Lift off the buckle and then take off the top cover and place on a safe surface.
3. Lift out the pre-filter, HEPA filter and Carbon Filter.
4. If only the pre-filter is dirty, you can replace just the pre-filter. If the HEPA and Carbon filter are also dirty, replace all 3 filters: The Carbon filter should go at the bottom, with the HEPA filter in the center, and the pre-filter at the top.
5. Replace lid, close buckles, and start up the unit.

Note: Used filters may contain toxic materials. Protective gloves, nose and mouth mask, and goggles should be worn when disposing.

Filter disposal

Used filters should be bagged and tied before disposal.



Fuse Replacement

1. Unplug the unit from mains AC power.
2. Use a flat-head screwdriver to press the fuse holder's groove, and then turn counter-clockwise. The fuse holder and fuse should pop out.
3. Pull out the fuse holder and fuse.

4. Install a new fuse with the same specifications.
5. Insert the new fuse into the fuse holder, and insert into the unit. Using a flat-head screwdriver, press in and turn clockwise to lock the fuse holder into place.



Cleaning and Maintenance Warning

The power must be turned off if replacing the filter, fuse or cleaning the cabinet.

Routine Maintenance

Surface

This unit is powder coated. If the unit should need cleaning, care should be taken not to use any abrasive materials to avoid damaging the finish.

Ducting

To ensure that each operators extraction tube is pulling the recommended amount of air, if the extraction tube becomes dirty, clean with a soft bristled brush.