



INSTRUCTION MANUAL

FOR

HV-2 FUME EXTRACTION

W/AIR FLOW CONTROL

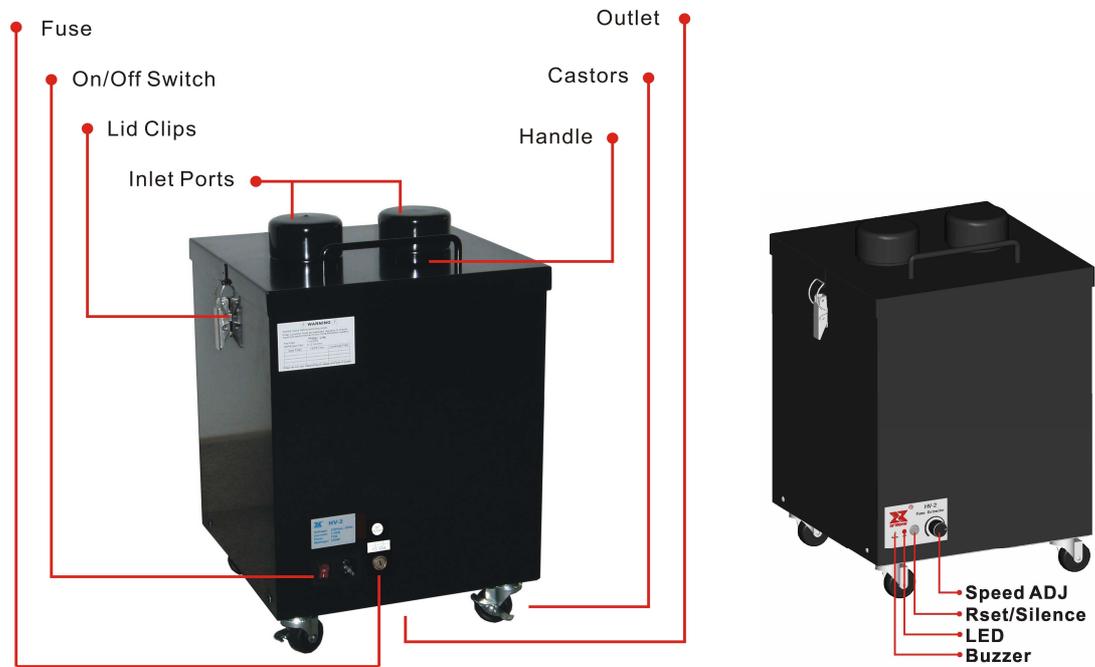
Thanks for selecting Xytronic's fume extraction system. All units are specially designed and built in the highest standard and use only the best components. Please read the instructions carefully to maximize the advantages of using your unit and we believe you will be more satisfied with its efficiency of extraction and filtration.

Important: Only the distributors authorized technicians can carry out component testing and replacement. Unauthorized replacement may result in a potentially dangerous situation and will invalidate the manufactures warranty. Please note if anything other than Xytronic replacement filters or parts are used that the manufactures warranty will also be invalidated.

Do not operate the appliance with any damaged supply cord.

Do not block the air inlet or vent-hole

System at a Glance



Specification

Type	HV-2	
Voltage	100-120Vac	220-240Vac
Frequency	60Hz	50Hz
Current	1.2A	0.6A
Rated Output Power	130W	120W
Fuse	T3.15A	T2A
Air Flow	340m ³ /hr	
Range of Regulating Flow	80%~100%	
Noise Level	< 50dB	
Outline Dimension	310(L) × 310(W) × 460(H) mm	
Weight	20kg	

Setting Up

1. Unpack your new extraction system and ensure that the working voltage is the same as that of your electrical supply and truckles are lifted clear.
2. The inlet(s) on system are located on the top of the unit and sealed with cap(s)
3. The unit comes with a built inside 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, may damage the system.**
5. **The unit must not be sited in an area exceeding 40°C.**
6. Check filters are located in their correct position and carefully replace lid.
7. Turn on the rocker switch. The unit will take a few seconds to build up to speed on initial start up.
8. Unit fitted with variable flow control should be adjusted to the desired flow.

Note: Unit with flow control has a 10–15 second delayed after shut down before re-start.

Operating Instructions

- * Green LED: Operational range is 0 to 1200 hours.
- * Orange LED: Operational range is 1201 to 1300 hours.
- * Red LED: Operational range is 1301 to 1439 hours.
- * Red LED flashing warning and buzzer: Operational time has exceeded 1440 hours (Need to

replace filter).

* Eliminate alarm: Press the SET key to temporarily eliminate the buzzer alarm however the red LED will keep flashing.

* Reset: Hold SET key while turning on the power, the timer will be reset condition (after releasing the SET key, the led and buzzer go off 3 times indication re-SET successful), and will automatically reset the timer. Note: To properly reboot the system the power must be completely turned off indicated by the LED being totally off, otherwise the reboot will be unsuccessful.

*SPEED ADJ: Rotate knob can adjust the size of the air

Filter Replacement

1. Isolate the unit from mains power supply.
2. Lift off the buckle and then take off the top cover and place on a safe surface.
3. Lift out the combined filter then take out the pre-filter which is recessed into the combined filter enclosure.
4. Replace with a new filter with Carbon filter at the bottom and HAPA Box Filter In the center and pre-filter at the top .
5. Replace lid and start up the unit.

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

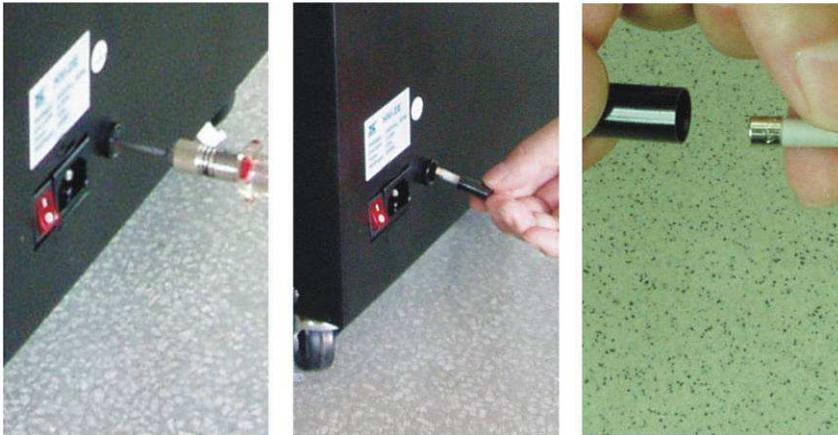
Filter disposal

Used filters should be bagged and tied before disposal.



Fuse Replacement

1. Isolate the unit from mains power supply.
2. Use screwdriver point-blank press of fuse holder's groove, and then counter-clockwise running, pull off press.
3. Putting out the press and fuse.
4. Installed the fuse that new and the same specification in to press.
5. Installed press with fuse put in fuse holder; use screwdriver clockwise turns on lathe into that.



Cleaning and Maintenance Warning

The power must be turned off no matter replacing the filter, fuse or carry on the cabinet cleaning from the working station. The operation must be taken by the specialist.

Routine Maintenance

Surface

This unit is powder coated in a high gloss finish. If the unit should become in need of cleaning, care should be taken not to use any abrasive material to avoid damage to the finish.

Ducting

To ensure that each operator's extraction tube is pulling the recommended amount of air, the operator must clean the tube at least once per day with the brass brush.