

Three-stage Fume Extractor Instructions

Please go over the instructions below before using the Extractor.

Startup procedures

- 1) Connect inlet duct to the extractor 6" inlet.
- 2) Connect power cord's Live, Neutral, and yellow Ground to your power outlet.
- 3) Fill in clean water from the top until water shows on the water level window. The thermometer reads the water temperature.
- 4) Release the emergency stop by rotating it clockwise.
- 5) Water valve inside will open to drop water from water tank to the bottom part of the fume extractor; it will close when the bottom part has enough water. Alarm will sound when the water tank is empty. Keep filling water to the water tank because the bottom part of the fume extractor needs a lot of water.
- 6) Start to use the fume extractor when the water tank level does not change, which means the extractor's bottom has enough water. Press the start button or on the touchscreen display to start the exhaust fan. 200W High voltage filtering will start after a few seconds.
- 7) Press stop on touchscreen to turn off the exhaust fan after use.



Operation

Keep the water level high because a small amount of water will evaporate during use.

You may press the maintenance hour number on the touchscreen to set an alarm for the high voltage plates. Depends on how often you need to clean the plates, you can set the hour number accordingly. When the run time reaches the set number, extractor will stop and alarm. Press reset to reset timer.

Inlet air goes through water, passes by high voltage plates, and by the charcoal layers before going out of the outlet. Keeping the duct short can increase flow rate. Removing the charcoal can also increase flow rate, but having charcoal helps removing odor.

Maintenance

Dust and smoke will adhere to the high voltage plates after use. The filtration will not be effective when plates are dirty. The plates will have high voltage charge after use. To clean the plates, disconnect the power cord. Open the cabinet. Before touching the plates, use a piece of ground wire to briefly touch each spring (two in total) to discharge the high voltage plates (See picture below for example). Make sure one end is grounded to the extractor chassis first. Do not use corrosive fluid to clean the metal plates. Dry thoroughly before putting them back in.

When odor gets stronger than before, it is time to replace the charcoal.

Drain out water before it is too dirty. Turn off the extractor and open the draining valve at the bottom of the extractor.

If small objects accidentally get into the water tank, open the top cover of the extractor to reach the water tank and clean it out. Small object may get stuck in the water solenoid and make it malfunction.



Fig. Discharge high voltage plates

Cautions and Conditions

- 1) Drain out water for transportation. Dry out the inside for long term storage.
- 2) Do not use the extractor for any flammable fume/smoke.
- 3) Do not open any panel when the unit is on, the 20KV high voltage plates inside can arc.
- 4) Put in water only. Putting in other fluid may damage the components inside the extractor.