

AOYUE[®]

Pronunciation: /aw u/

8486

Desktop Fume Extractor

Instruction Manual

Thank you for purchasing the Aoyue 8486 desktop Soldering
Fume Extractor.

Please read the manual before using the unit.
Keep manual in accessible place for future reference.

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This manual is designed to familiarize and instruct the technician with the proper operation and maintenance of the equipment. Please read carefully and observe the guidelines in order to maximize usage and minimize the risk of injury or accidents .

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WARNING!!!

- ◆ REMOVE ALL PLASTIC COVERING FROM 8486 SYSTEM, PARTS AND COMPONENTS, CARBON FILTER AND HEPA FILTER.

**!RISK OF FIRE IF PLASTICS ARE NOT
REMOVED!**

SAFETY PRECAUTIONS

CAUTION: Improper usage can cause serious injury to personnel and/or damage to equipment and work area.

For your own safety, please observe the following precautions.

- Check each component after opening the package to make sure everything is in good condition. If there are any suspected damage, do not use the item and report the issue to your vendor.
- Unplug the device when moving the device.
- Do not strike or subject the main unit (and all its components) to physical shock. Use carefully to avoid damage to any part.
- Handle with care.
 - Never drop or sharply jolt the unit.
- Disconnect the plug from the power source if the unit will not be used for a long period.
- Use only genuine replacement parts.
 - Turn off power and let the unit cool down before replacing any part.
- Do not alter the unit, specifically the internal circuitry, in any manner.

PRODUCT DESCRIPTION

- ◆ Desktop Fume Extraction System with HEPA Filter (High Efficiency Particulate Air filter) For Removing the Dust Particles and Enhanced Activated Carbon filtration system.
- ◆ With actual Carbon filter beads
- ◆ Powerful suction, Quiet operation.
- ◆ Electronic Control Panel with Variable airflow adjustment.
- ◆ Excellent cost performance filters.
- ◆ Sub-filters extend the life of main filters.
- ◆ Free standing arms .
- ◆ Arms can be bent as desired and maintain their shape after adjustment.
- ◆ Unit has mount holes so it can be attached to walls to free up desk space

PACKAGE INCLUSION

- 1 unit Station with Main filter and Carbon filter
- 1 pc. Extra sub-filter pads
- 1pc. Exhaust arm kit
- 1pc. Filter hood
- 1pc. Power brick
- 1 pc. Instruction Manual

SPECIFICATION

Voltage Input :	available in 110 to 220V
Dimensions:	184(w) x184 (h) x 152(d) mm
Weight:	1.8Kg
DC Voltage:	12V 0.65A
Filter:	HEPA Filter / Carbon Filter

Filter hood

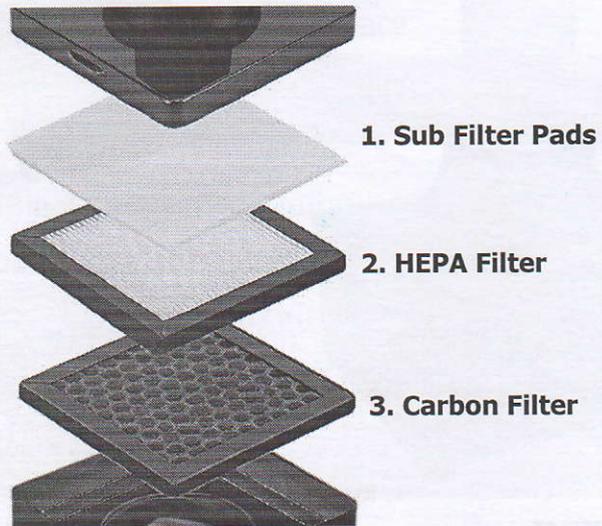


CONTROL PANEL GUIDE



- 1. Display**
- 2. ON/OFF button**
- 3. Adjustment knob button**

Filter placement



OPERATING GUIDELINES

REMINDERS:

1. Make sure the equipment is placed on a flat stable surface.
2. Ensure all function switches are in the OFF position.
3. Ensure all terminal connections are properly secured.



IMPORTANT: Please refer to the **CONTROL PANEL GUIDE** page for button switches.

A. PROCEDURES

1. Make sure adjustment knob is set at Lo indicator level.
2. Plug the DC jack into the back of the unit. Then plug power cord into a wall socket.
3. The unit will power up, and display show a number indicating unit is powered on.
4. To switch on or off the unit, press the on off switch..
5. Attach arms to the exhaust connector.
6. To turn on the suction press the on/off button.
7. To adjust the fan speed turning the knob clockwise towards the Hi level..
8. At low levels below 20 the fan speed is very low so for better suction adjust levels above 20 .
9. To turn off the unit adjust fan speed back to 0, then push the on/off button, the display will shut off indicating it has entered stand by mode.
10. Unplug unit if not in use.

B. SUB FILTER REPLACEMENT

1. Routinely replace sub filter, when the filter looks yellowish or is dirty with all the smoke and other debris. .
2. The subfilter will need replacement every month depending on usage.

OPERATING GUIDELINES

C. HEPA FILTER and CARBON FILTER REPLACEMENT

1. HEPA and Carbon filter may need replacement after 3 months depending on usage, It is recommended to replace carbon filter and heap filter at the same time for best performance.
2. Signs that the filter needs replacement:
 - ◆ The HEPA filter has turned yellow or light brown in color due to all the particles and smoke trapped in the filter.
 - ◆ The fume filtration capability has deteriorated due to all the particles and smoke trapped in the filter.
 - ◆ Fume suction feels weaker this may be due to clogged filters.
3. To replace HEPA filter/ Carbon filty simply unlock the top cover and pull out the old HEPA filter, before placing the new filters remove all plastic coverings, inset the filters as seen in this order subfilter, HEPA filter then carbon filter.
4. Lock top cover firmly to prevent air leakage and loss of suction.

Filter placement

