



IDEAL
RESOURCES PRODUCTS PVT. LTD.



ISO 9001-2008 Certified Organisation

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Fume / Smoke absorber AST-153



INSTRUCTION MANUAL

AST-153 (SMOKE ABSORBER) IS...

Soldering work requires a flux.

This flux is mainly composed of rosin-resin, and is mixed with a slight activator (halogen organic agent), which is commonly called "pine resin."

Abietic acid (C₂₀H₃₀O₂), the main component of rosin is denatured to neo-abietic acid when the temperature is increased. In this process, noxious components such as salicylic acid (HOC₆H₄COOH) and pinene are generated in the evaporating smoke.

Flux containing large quantities of resin generate phenol (C₆H₅OH), and activators generate hydrogen chloride (HCL), etc.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety; Children should be supervised to ensure that they do not play with the appliance.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

It is a newly developed product with a high performance fan and an activated carbon filter designed to absorb flux and lead fumes.



Please make sure Smoke Absorber is disconnected with power supply before taking off the protective apparatus.

Specifications

| | |
|-------------------|---|
| Power Consumption | 23W |
| Outer Dimensions | 220(W)x270(H)x168(D)mm (8.7x10.6x6.6 in) |
| Weight | 1,400g |
| Accessories | Filter (2 pieces) |

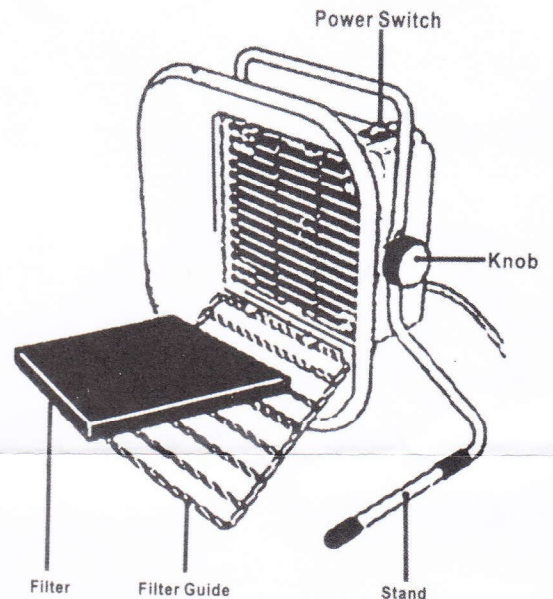
Activated-Carbon Filter

| | |
|--|------------------------------|
| Size | 130x130x10mm (5.1x5.1x0.4in) |
| Amount of Activated-Carbon filter | 7g (0.02 lb.) |
| Max. absorbing Weight of noxious Components per One filter | 2g (0.004 lb.) |

The specifications written here may be subject to change without notice.

Operating Instructions: Pare Name

- Open the Filter Guide, and install the Activated Carbon Filter. Then close the Filter Guide.
- Loosen the Knob and adjust the angle.



Features:

Easily filter the noxious fumes when soldered for protecting solder's health.

Maintenance

Replacing the Filter

Under normal operating conditions, the filter should be replaced once a month since absorption capacity declines.

The filter may also need replacement when the dust adheres. (Never allow the filter to become wet.)

Replacement Parts

| | |
|------|---------|
| No. | 79-7201 |
| Name | Filter |