

INSTRUCTIONS



FUME HOOD

Catalog No. H50000-0000

The Scienceware® Fume Hood (catalog number H50000-0000) is fabricated of chemical resistant polypropylene. A freestanding baffle is located toward the rear of the hood and is designed to create airflow across the working surface of the hood and a rising column of air to carry fumes into the duct. The sliding window is made of transparent acrylic for easy visibility of hood contents.

1. The fume hood should be placed on a flat surface, such as a lab bench. It must be located near and connected to an exhaust system capable of drawing 500 cfm (free air).
2. The stack at the top is 6" (152mm) diameter and should exhaust into a duct of appropriate diameter connected to an exhaust system capable of drawing 500 cfm (free air). PVC light wall ducting is recommended. A damper installed into the short connector duct can be used to control the amount of airflow through the hood.
3. The sliding acrylic door is held in place by two stops at the lower end of the track. The door may also be set at three higher positions by inserting the pins into the holes in the slide track.
4. The polypropylene walls transmit a soft light however if more light is required, a fluorescent fixture up to 4 feet wide can be placed on top of the flat panel of the hood just behind the sliding door. This panel is thinner than the rest of the hood and transmits light readily. An explosion-proof fixture and switch are recommended if volatile fumes will be present in the fume hood.
5. To verify airflow in your fume hood, use Scienceware® Draft Checker Airflow Detection Powder; catalog number F19939-0000, available from your preferred distributor.

Bel-Art Products

661 Route 23 South, Wayne, NJ 07470-6814 USA
TEL: 1-800-4BEL-ART • FAX: 973-694-7199 • www.belart.com

OTHER FINE SCIENCEWARE® PRODUCTS FOR YOUR LABORATORY

Draft Checker™ Airflow Detection Powder

Catalog No. F19939-0000

Safely Test Fume Hood Exhaust Flow

- **Great for Detecting Drafts, Gas Leaks and Air Currents in Fume Hoods.**
- **Just a squeeze or two from the plastic bottle dispenses a cloud of ultra fine lightweight silica powder.**
- **Amorphous Silica Powder is inert, Non-Toxic, and Non-Flammable.**
- **1.5gm Bottle.**



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