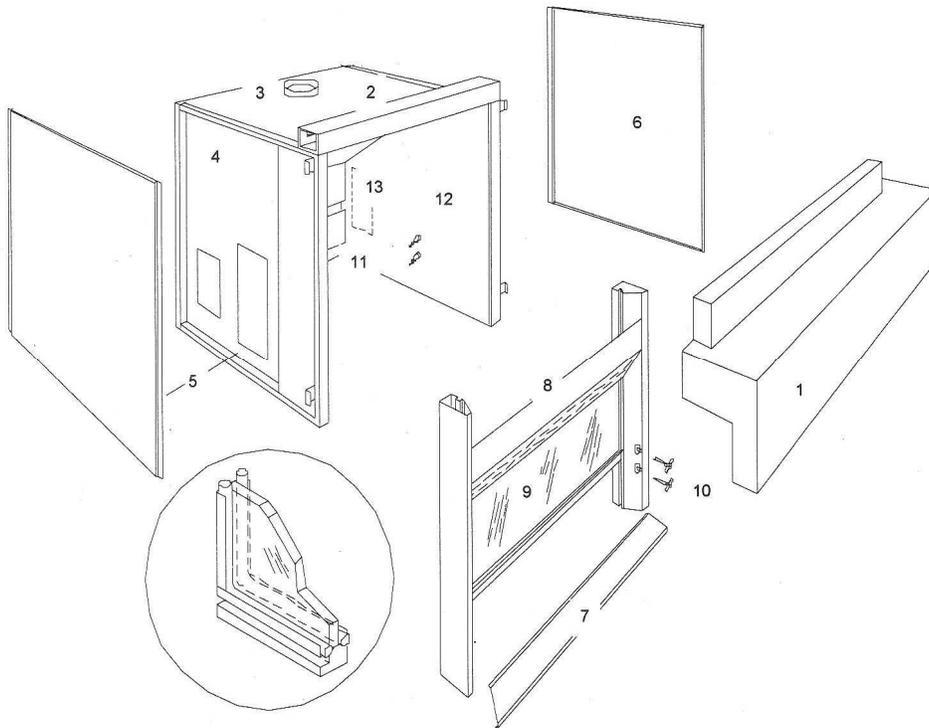


GENERAL SPECIFICATIONS

FUME HOODS



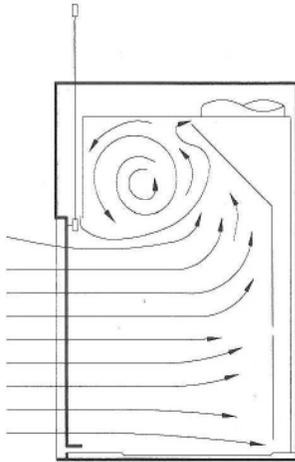
- 1. Supplemental Air Plenum**
Directs air flow and equalizes pressure differentials for uniform performance. (Supplemental Hoods only)
- 2. Sealed Fluorescent Light**
- 3. Roof with Exhaust Duct Collar**
- 4. Concealed Framing**
- 5. Double Wall Flush Construction**
- 6. Removable Side Panels**
- 7. Stainless Steel Air Foil**
- 8. Face Frame with By-Pass Grille**
- 9. Counter-Balanced Sash**
with laminated safety glass
- 10. Remote Control Service Fittings**
for water and gases with colored identity buttons.
- 11. Polypropylene Back Panel and Baffle**
- 12. Side Wall Liner**
- 13. Interior Access Panel**

All Isolation Systems, Inc. Hoods Feature:

- **Corrosion Resistant Liners:** Standard liners fabricated from 1/4" thick polypropylene for chemical resistance and durability. Optional liner choices include cement board, bonderized polyurethane, modified epoxy or other materials to meet special needs.
- **Adjustable Baffles:** Control air flow and exhaust more precisely with fully adjustable rear baffles, standard on all Isolation Systems Inc. hoods.
- **Chemical Resistant Work Surface:** Choice of stainless steel, phenolic resin, cast epoxy or other special materials.
- **Sliding Sash:** All fume hoods come standard with a counter-balanced, infinitely adjustable vertical sliding sash. Optional vertical sashes with horizontal sliding panels are also offered. All sashes feature laminated safety glass.
- **Built-In Accessories:** Lab-specific options include distillation racks, water baths, pipette stands, steam baths or other equipment tailored to your needs.
- **Service Fixtures:** Contact Isolation Systems, Inc. for type and availability.
- **Sinks:** Sinks can be stainless steel, epoxy, or phenolic of various sizes including cup sinks.
- **Hood Blowers:** Adequately sized blowers can provide optimum performance for the hood as well as the entire building air handling system. Special impellers, filters, housings, weather hoods, ductwork or explosion-proof motors are available if required. Blowers are sized specifically for each job and are offered as optional items on most hood models.



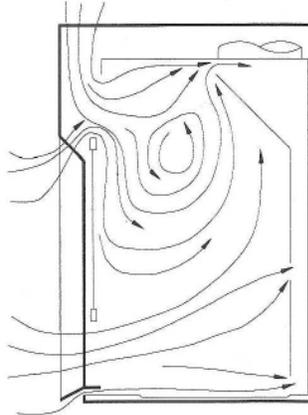
General Laboratory



General Laboratory:

The General Laboratory Fume Hoods are your most economical choice for general laboratory exhaust hoods. These models can be outfitted with a wide variety of service fixtures and controls located in the hood cabinet. Air flow velocities within the hood can be controlled by various sash positions.

Constant Volume

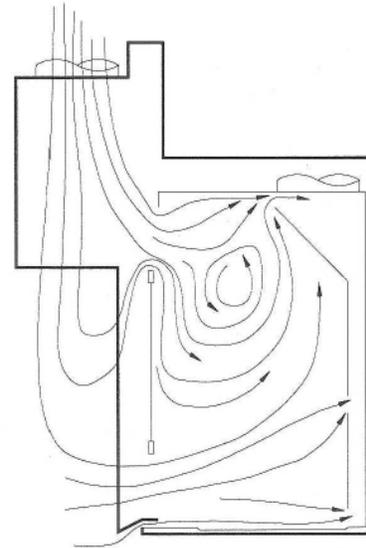


Constant Volume:

Constant Volume Fume Hoods are a wise choice for controlled air flow patterns within the fume hood for constant volume exhaust conditions. The bottom airfoil guides air into the hood regardless of sash position. This feature allows a more uniform internal velocity to be maintained within the hood and provides a continuous air stream to sweep fumes from the countertop work space.

The Constant Volume fume hoods also offer a full compliment of service features and controls. These units can be supplied with various types of sinks, electrical outlets, air flow monitors, interior linings and other options available upon request.

Supplemental



Supplemental:

The Supplemental Fume hoods can successfully moderate the air flow within any laboratory to precise standards. These hoods are ideal for climate controlled labs. The supplemental air supply reduces air losses from the lab, while controlling air flow patterns inside the hood. Your experiments remain controlled as is the air within the lab.

The Supplemental fume hoods also offer a full compliment of service features and controls. These units can be supplied with various types of sinks, electrical outlets, air flow monitors, interior linings and other options available upon request.



Isolation Systems Inc.