

Steel Fume Hood

Manufacturer of a wide range of products which include Anti Corrosion Lab Ventilation Hood, Steel Laboratory Fume Cupboard, Customizable Metal Fume Hood , ISO Standard Chemical Resistant Lab Fume Hood, Corrosion Resistant

Fume hood, widely applicable in electronics, mechanics, medical, and university labs.

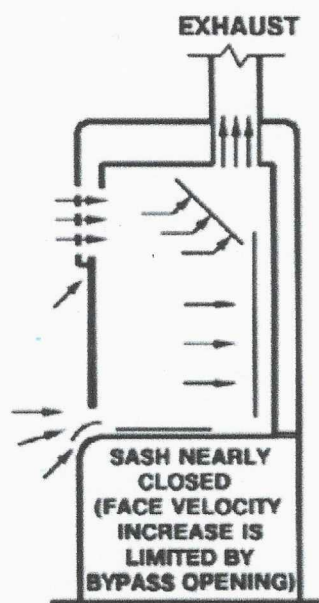
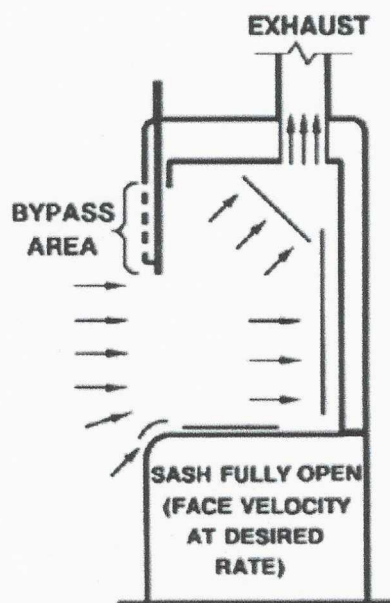
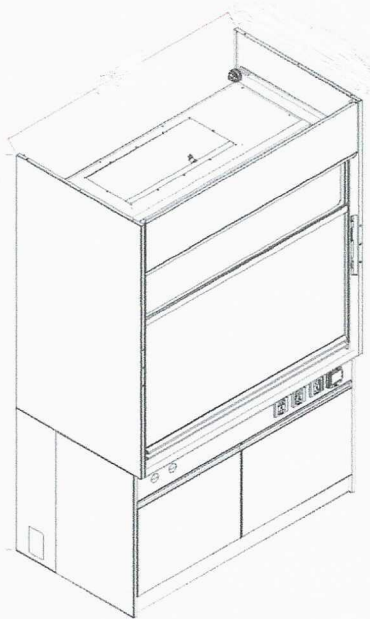
Provide protection to the operator.

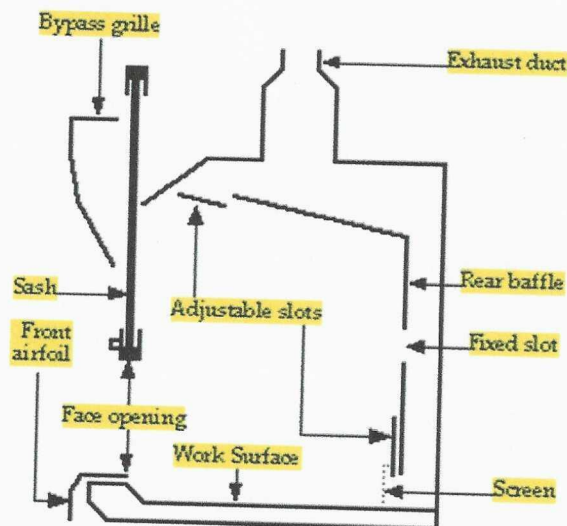
Work surface material: solid chemical-resistant laminate.

Microprocessor control with touch buttons.

FUME HOOD**SPECIFICATIONS:**

MODEL	BKX-23/70 BKX SERIES 850/800/750/700
INNER CHAMBER	SS 304 / 316/FRP COATING/PHENOLIC RESIN
EXTERIOR	Powder coated MS / Stainless Steel /GI
WORK TOP	SS 304 / ceramics/granite/polypropylene
BLOWER	Centrifugal exhaust blower (direct drive motor)
STANDARD FITTINGS	Water tap, sink with drainage system, electrical sockets, storage cabinet, caster wheels with brake, wet & dry service valves and Canopy ventilation
OPTIONAL	FRP coating on inner walls Airfoil Scrubber system Certification (ASHRAE110- 1995 / EN-14175-2003) Air Temperature indicator Flow Monitor IQ/OQ/PQ





Conventional/Constant Air Volume - This is the most commonly used fume hood in our laboratories. The amount of exhausted air remains constant when the sash is in a full-open position. As the sash is lowered, the face velocity increases.

Floor-Mounted - This type of hood is used when a large amount of working space is needed or when a large or tall apparatus is being used. One should never walk into a floor-mounted fume hood while in operation and containing hazardous materials unless proper personal protective equipment is worn.

Perchloric Acid - This type of hood is designed specifically for the use of perchloric acid. Perchloric acid vaporizes when heated above ambient temperatures. This can create explosive perchlorate crystals to form within the ductwork of a conventional fume hood. A perchloric acid hood is constructed with materials such as glass, plastic, or stainless steel that are compatible with perchloric acid and its byproducts. It is equipped with a special water wash-down system that removes the perchlorate crystals from all interior surfaces, including the ducts, fans, and stack. The system should be activated when heating or using large amounts of perchloric acid to minimize chemical exposure hazards.

GUIDELINES

To maintain effectiveness and performance and to minimize exposure,

- All operations should be performed at least 6 inches inside the hood
- Avoid rapid movements, such as opening & closing doors, that can create cross-drafts and disrupt airflow
- Keep sash as low as possible. The glass provides a barrier against a spill, splash, or explosion.
- Chemicals and equipment should not be stored permanently inside the hood
- The hood sash or panels must not be removed from the hood or altered.
- Close sash when the hood is not in use

- Check the airflow monitor periodically. If the monitor is alarming, do not use the fume hood. Contact EH&S/Facilities Management (see below).
- Certain chemicals used in large quantities such as perchloric acid, hydrochloric acid, and hydrofluoric acid should not be used in a chemical fume hood that is not approved for their use.
- Radioactive materials may only be used in chemical fume hoods certified by the Radiation Safety Office.