

FUME HOOD

GENESYS Fume hood minimizes air turbulence, increases safety and performance of the hood. The superstructure is designed to remove all fumes, both those heavier and lighter than air. Baffle positions are fixed for safety, consistent, and complete containment of fumes at any sash position. The interior of the hood is lined with FRP or made of AISI SS 304/316 stainless steel to avoid corrosion. The exterior is fabricated of Mild Steel sheet with powder coat. Fluorescent lights are included. Around 6/8" standard duct collar is included to easily match up to most existing ductwork without costly additional "transition" pieces. The standard vertical sliding sash is made of Toughened Glass to provide additional stability and safety in and around the hood and features a full-length finger lift. The counterbalance is double weights at the rear of the hood.



TECHNICAL SPECIFICATIONS

- ▮ Design Structure Aerodynamic : Floor Mounted and Table Top
 - Work Top : FRP or Stainless Steel, Granite Stainless steel SS 316 / 304
- ▮ Sash (Shutter) : Vertical Rising Counter-Balanced and Fitted with impact resistant safety glass at least 6mm thick toughened glass, with counter weight which is Smooth and light to operate.
- ▮ Air Velocity : 80 to 100 fpm face velocity
 - Utility Line : Coloured Knobs for Different lines
- ▮ Electrical Utilities : 2 no.s of Electrical Sockets and MCB with blower switches joined with Fire retardant Grade Cables.
- ▮ Other Utilities : Oval/Round Shaped Sink for Drainage with water tap on left side of workshop.
- ▮ Service Fittings : Remotely operated colour coded needle valves; Taps are tapered in shape to use with Flexible tubing.
- ▮ Exterior : Mild Steel Powder Coated for Durable, Sturdy, and Smooth Finish
- ▮ Interior : Made of Stainless Steel or FRP (Fiber ReinforcePlastic) Interior liner panels of SS304 / chemical & dry heat resistant compact laminate in tune with BS EN 438, NEMA LD-3 & ISO 4586.
- ▮ Exhaust On - Off Switches : Soft Touch Switches in the frontpanel
- ▮ Exhaust : In-built or Remote Blower
- ▮ Lighting : Fluorescent Light and LED

MODEL SELECTION

Catalog No.	Internal Dimensions (WDH) in cm	Dimensions in Feet
GFH -22	60 x 60 x 60	2 x 2 x 2
GFH -32	90 x 60 x 60	3 x 2 x 2
GFH -42	120 x 60x 60	4 x 2 x 2
GFH -62	180 x 60 x 60	6 x 2 x 2

Custom made items are also supplied on request