

LABORATORY SOLUTIONS  
FOR THE MODERN WORLD



# SWASTIK

Engineering

OUR TEAM  
WILL MAKE  
YOUR DESIGN  
COMES TRUE



First Floor, 42/7, Parmeshwar Industrial Estate, Opp. HDFC Bank, Vatva Station Road, GIDC Phase 1, Vatva, Ahmedabad-382445.



+91 97262 18377



swastikengg1006@gmail.com  
info@swastikengg.com



[www.swastikengg.com](http://www.swastikengg.com)



# INTRODUCTION

A fume hood is laboratory equipment used to get rid of the fumes and toxins from the workplace. The primary function of the laboratory fume hood is to protect personnel from toxic exhalation or dust. Usually, the chemical fume hood is just a part of the lab ventilation system, serving to limit the toxic air to non-laboratory areas. Fume hoods from “Swastik Engineering” have a modern design that helps to cut energy ventilation costs. Our company is a manufacturer the most cost-effective and economical equipment which provide a complete combination of protection, safety, reliability, and a great efficiency. They are sold in a wide range of industries worldwide, e.g. pharmacy, medicine, research institute, electronics, etc

Our fume hood made of aerodynamically designed considering most efficient airflow to the suction. Double wall feature provides easy access to utilities like Water, gas, vacuum & electricity. Detachable base storage cabinets are provided with castors for easy maintenance, Sigma offers velocity of lining & work surfaces like Granite, ceramic, S.S., P.P. & FRP. Such is provided with 6 mm toughened glass & counter balance is provided to achieve easy movement. High performance centrifugal blower is provided with different ducting materials like PP/HDPE/PVC etc.

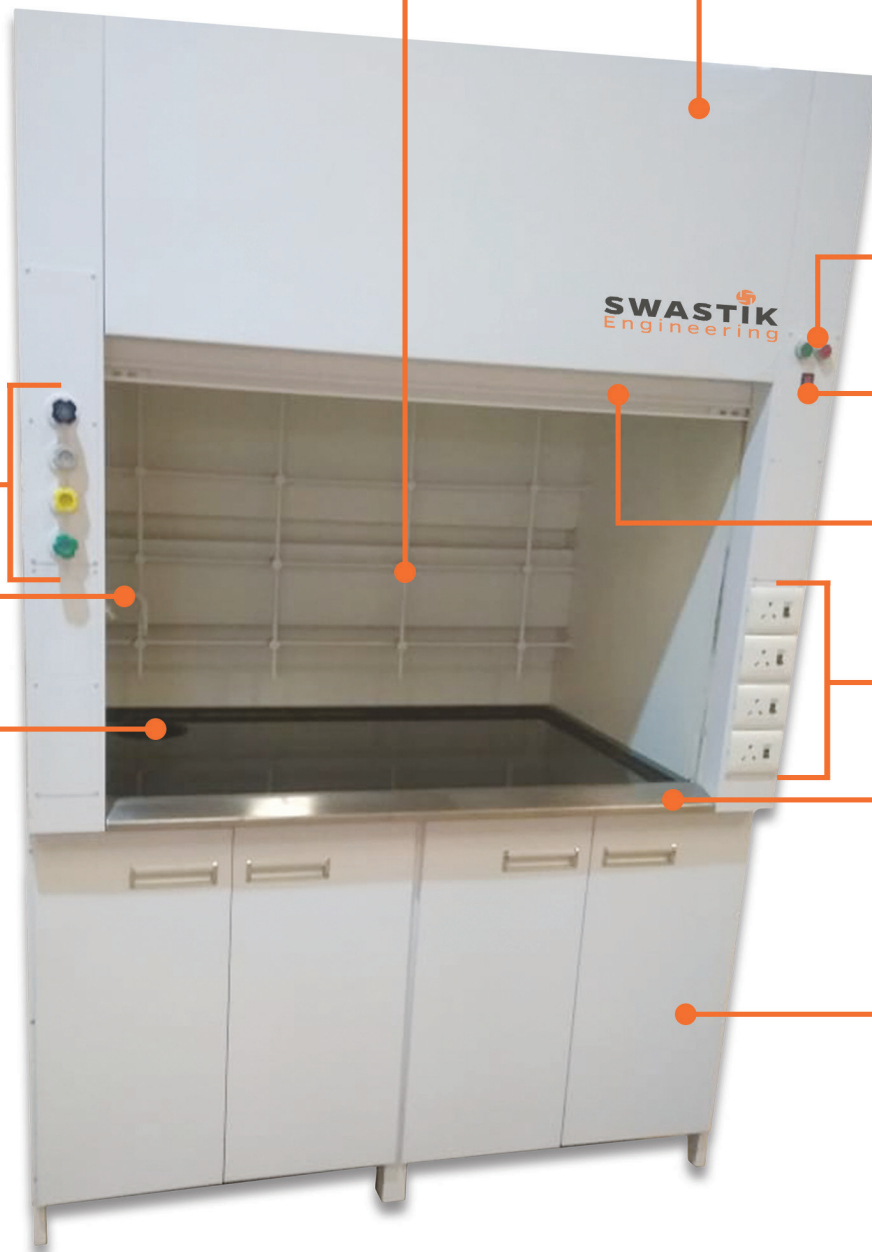


# FEATURES

REMOTLY OPERATED  
COLORCODED UTILITY VALVES

APARTUS GRID

HEAVY DUTY  
GI CONSTRUCTION



BLOWER  
ON/OFF SWITCH

TUBELIGHT  
ON/OFF SWITCH

VERTICAL RISING  
COUNTER  
BALANCED SASH

5/15 A  
SOCKET &  
SWITCH

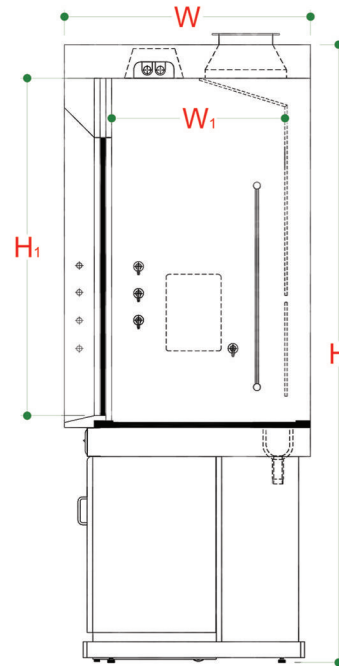
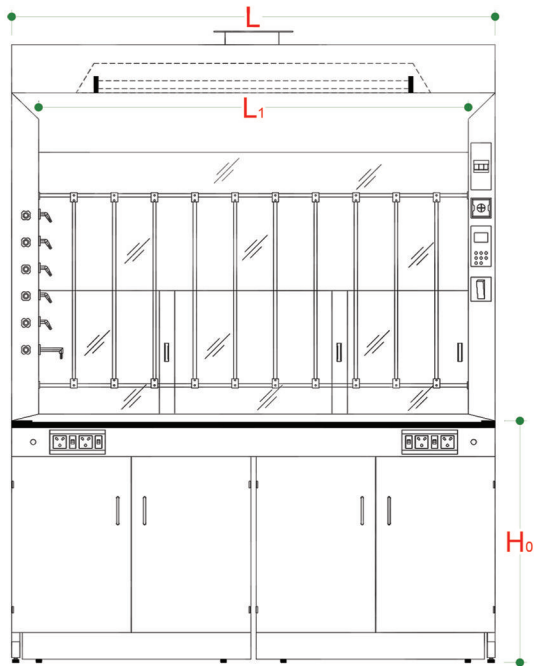
HORIZONTAL  
AERODYNAMIC  
AIRFOIL

STORAGE  
CABINATE

UTILITY  
NOZZELS

OVESHAPED  
PP SINK

# DIMENSIONS



Type of Fume Hood	Overall dimension			Inner dimension			Worktop height
	L	W	H	L <sub>1</sub>	W <sub>1</sub>	H <sub>1</sub>	H <sub>0</sub>
Bench Type Fume Hood	1200	915	2300	1000	645	1250	900
	1500	915	2300	1300	645	1250	900
	1800	915	2300	1600	645	1250	900
	2100	915	2300	1900	645	1250	900
	2400	915	2300	2200	645	1250	900



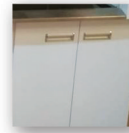
**Valves:** Panel mounted valves with color coded as per DIN/BS standard remote knobs fitted on front vertical post



**Cup Sink:** Oval shaped, Single piece molded polypropylene (PP) in standard offering. Solid Epoxy cup sinks can also be provided as per end user requirement on request.



**Nozzles:** For greater flexibility of use, taps are tapered in tubing of size from with flexible tubing of sizes from 1/4" to 1/2"



**Storage:** Provided below the fume hood in GI construction. There are enough space for storage.



**Electrical Utilities:** Provided below the fume hood in GI construction. Factory wired electrical. sockets and switches. Fire retardant wires. Built-in starter for blower



**Apparatus Grid:** Optional structure for attaching and suspending laboratory equipment



**Heavy duty GI construction:** Compared to MS CRCA, GI offers you superior chemical, corrosion and scratch resistance. Durable epoxy powder coating: products are powder coated and thoroughly tested for reliability.



**Vertical Rising Sash:** Made of toughened Float Glass for impact resistance. Smooth and light sash operation on timing belt