

LABORATORY SOLUTIONS  
FOR THE MODERN WORLD



**SWASTIK**  
Engineering

OUR TEAM  
WILL MAKE  
YOUR DESIGN  
COMES TRUE



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# 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.



# SWASTIK ENTERPRISE

**Mfg. & Suppliers:** ♦ BOD ♦ DE HUMIDIFIER ♦ BOD INCUBATOR ♦ WALKING CHAMBER ♦ STABILITY CHAMBERS ♦ AHU ♦ HUMIDITY CHAMBER ♦ DEEP FREEZER ♦ FREEZER DRYER ♦ BRINE CHILLING PLANTS ♦ COLD ROOM ♦ OTHER COOLING SYSTEMS ♦ CLEAN ROOM FURNITURE

## TECHNICAL SPECIFICATION

### DYNAMIC PASS BOX



Model	SEDP150	SEDP200	SEDP300
<b>Design type</b>	Dynamic	Dynamic	Dynamic
<b>Cleanliness level</b>	Class 100	Class 100	Class 100
<b>Internal Dimension (in mm)</b>	450Lx450Wx450H	610Lx610Wx610H	910Lx910Wx910H
<b>Outer Dimension (in mm)</b>	570LX510WX950H	730LX670WX1100H	1030LX970WX1410H
<b>MOC</b>	Stainless steel 304		
<b>Illumination</b>	LED tube light		
<b>Air system</b>	Motor-blower with suspension arrangement		
<b>Filters</b>	<ul style="list-style-type: none"> <li>• Pre filter (95% down to 5 micron)</li> <li>• HEPA filter (99.97%)</li> <li>• Protected by SS grills</li> </ul>		
<b>Door</b>	<ul style="list-style-type: none"> <li>• Two side doors</li> <li>• Glass window</li> <li>• SS handles &amp; SS hinges</li> <li>• Electromagnetic Interlocking system</li> </ul>		
<b>Standard Fittings</b>	<ul style="list-style-type: none"> <li>• UV light</li> <li>• Light indicators for door</li> <li>• SS Handles &amp; SS hinges</li> <li>• On / Off Switch for blower</li> </ul>		
<b>Power supply</b>	220 Volts / 50 Hz		
<b>Optional</b>	<ul style="list-style-type: none"> <li>• MOC SS 316 / 316 L</li> <li>• Differential Pressure Gauge</li> <li>• DOP Test Port</li> <li>• Flange</li> <li>• Test certificates</li> <li>• Calibration certificate</li> <li>• Mechanical door interlocking</li> <li>• Door buzzer/UV light hour meter</li> </ul>		

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