

Perchloric Fume Hoods

Apzem Perchloric fumehoods are ergonomically designed and made from heavy gauge stainless steel material for greater strength and robustness. And protects users from inhaling harmful vapors evaporated while experimenting & working at laboratories using hot Perchloric acid and hot nitric acid. The Perchloric vapors condenses and deposits on hood components, and reacts with gaskets and grease forming Perchloric salts that are highly explosive.



Features:

Construction: All our Perchloric fume hoods are of double walled construction made from heavy gauge Stainless steel (SS304 / SS316) internals and Galvanized steel with epoxy paint finish exterior. Completely constructed from SS 304 / SS316 is also available on request.

Sash opening: The sash is designed to open vertically and is made of 6mm toughened glass or poly carbonate for greater strength and Longer life. It is balanced on the other side with a counter weight connected by rope & pulley arrangement to easily control the sash opening.

Lighting: Vapor resistant light having light intensity greater than 1000 Lux for greater visibility and comfort.

Baffle: Baffle is designed in such a way to remove easily for cleaning and to provide uniform air movements inside the fume hood.

Bypass openings: Bypass opening is provided to protect problems that arises when the sash is fully closed, like creating turbulence that can force contaminants into the room, slowing reactions etc..

Monitoring: All our professional fume hoods are preassembled with airflow monitor , that continuously monitors air flow velocities and alerts users when the velocity drops for greater user safety.

Locks: Maximum sash opening limit locks and a option for locking sash when it's fully closed are provided on request.

Customization: We provide complete customization of all our fumehood's meeting your specific needs and applications.

Specification:

Construction	:	Double wall construction.
MOC	:	Galvanized Iron with EPOXY Coated.
Sash	:	Vertical open with counter weight for easy adjustments.
Power option	:	3 Phase / single Phase.
Sizes	:	1200 mm to 2000 mm wide
Others	:	provided with water & Gas inlet provision. Sockets with switches.
Face Velocity	:	minimum 60 fpm at sash full open condition.
Customization	:	Yes, customization available suiting your needs.

