

Ductless Fume Hoods

Apzem Ductless fumehoods are recirculation type fumehoods, equipped with proper filter module and fumehood scrubber so that the fumehood gases and vapors are filtered, treated and re-circulated within the building. This type of fumehoods has its applications limited and can be used in Air-conditioned environment without adding HVAC power bills. All Apzem fumehoods are ergonomically designed and made from heavy gauge material for greater strength and robustness.



Features:

Construction: All our professional series fume hoods are of double walled construction made from heavy gauge Galvanized steel and are of robust in construction.

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 or chain& sprocket (optional) 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.

