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FUME HOOD CABINET AZA1086

The AZA1086 Laboratory Fume Hood Cabinet from AZALAB is a high-performance safety enclosure designed to protect laboratory personnel from hazardous fumes, vapors, gases, and particulate matter generated during chemical processes. It provides a controlled negative-pressure workspace that ensures safe handling of volatile and reactive substances.

Available in both ducted and ductless configurations, AZA1086 offers flexibility for different laboratory infrastructures, ensuring compliance with international safety standards while maintaining operational efficiency.

Key Features

Dual Configuration Options

- Available in ducted (external exhaust) and ductless (filtered recirculation) models.

Effective Containment System

- Maintains controlled airflow to capture hazardous emissions at the source.

Chemical-Resistant Construction

- Epoxy-coated steel body with corrosion-resistant work surfaces.

Tempered Glass Sash

- Vertical sliding sash ensures operator safety and clear visibility.

Advanced Filtration (Ductless Models)

- Activated carbon and HEPA filters for safe air recirculation.

Integrated LED Lighting

- Provides uniform illumination of the work area.

Low Noise Operation

- Noise-insulated blower ensures quiet and comfortable working conditions.





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TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1086
Type	Ducted / Ductless
External Dimensions	1200 × 800 × 2300 mm (Customizable)
Worktop Material	Phenolic Resin / Polypropylene
Frame Material	Epoxy-Coated Steel
Sash Type	Vertical Sliding, Tempered Glass
Face Velocity	0.5 m/s (Adjustable)
Filtration	Activated Carbon + HEPA (Ductless Models)
Lighting	LED Internal Illumination
Power Supply	220V, 50Hz
Compliance	ASHRAE 110, EN 14175

Safety & Compliance

AZA1086 is designed to comply with:

- ASHRAE 110 – Fume hood containment performance testing
- EN 14175 – European standard for laboratory fume hoods
- GLP (Good Laboratory Practice) guidelines