PP Fume Hood (Acid)

Fume Hood for Acid

PP Fume Hood (Acid) - Model: MSGNI1500EPPSWISS

Work Surface Height: 820mm
Max Opening: 740mm
Air Velocity: 0.3~0.8m/s
Noise: ?68dB

Description:
The polypropylene (PP) fume hood is designed for experiments involving strong acids, strong bases, highly corrosive substances, and volatile compounds. It provides effective protection for operators from toxic gases while ensuring sample safety. Additionally, it minimizes fire and explosion risks and contributes to environmental protection by supporting appropriate filter installations.Specifications:

Parameter	Details
Model	MSGNI1500EPPSWISS
External Size (WxDxH)	1547x800x2450 mm
Internal Size (WxDxH)	1287x560x700 mm

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Parameter	Details
Max Opening	740 mm
Work Surface Height	820 mm
Airflow Velocity	0.3~0.8 m/s (adjustable)
Noise Level	?68dB
Illumination	?900 Lux
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Power Consumption	450W (excluding socket load)
Shipping Weight (kg)	Main Body: 180, Base Cabinet: 114
Shipping Volume (m3)	4.1
Shipping Size (mm)	Main Body: 1688x938x1612, Base Cabinet: 1688x888x1000

Construction:

- Main Body: Porcelain white PP, 8mm thick, resistant to strong acids, alkalis, and corrosion.
- Work Surface: Chemical-resistant phenolic resin.
- Front Window: 5mm toughened glass, manually adjustable, acid and alkali resistant.

Control System:

- Controller: Microprocessor with LCD display.
- Blower: Built-in PP centrifugal blower (1 unit; 2 units for FMH-1800DP), speed adjustable.

Standard Accessories:

1. Base Cabinet
1. LED Lamp (30W x 2)
1. Waterproof Sockets (x2)

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1. Water Tap (PP)
1. Gas Tap (PP)
1. Gas & Water Remote Control Valve
1. Water Sink
1. Solid Physicochemical Work Table (acid and alkali resistant)
1. PP Centrifugal Blower (1 unit; 2 units for FMH-1800DP)
1. 10m PVC Aluminum Foil Composite Exhaust Duct (Diameter: 250mm, retractable and customizable) with 2 pipe straps

Optional Accessories:

1. PP Work Table with epoxy resin board
1. Active Carbon Filter

Key Features:

1. Material Durability: Fully welded PP construction, providing strong acid and alkali resistance.
1. Safety Design: Effective exhaust and airflow management to prevent dead angles, ensuring optimal capture performance.
1. Advanced Control: Microprocessor-based system with LCD display for real-time monitoring.
1. Suction Efficiency: Top-shield suction design with homogeneous PP deflector.
1. Enhanced Protection: Anti-overflow and water-retaining treatment on

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the work surface.

This fume hood is an ideal solution for laboratories handling corrosive and volatile chemicals, offering a robust and safe working environment.

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