

Ducted PP Fume Hood



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The **Ducted PP Fume Hood (Model: MSFH1200PSWISS)** is a technical equipment designed for air-conditioned and clean workshops, ideal for use in electronics, chemical industries, machinery, universities, and laboratories. It provides protection for operators and samples by ensuring safety during operations involving dangerous or unknown infectious factors and experiments with strong acids, alkalis, corrosive substances, and volatile chemicals.

Specifications:

- **Sliding Door:** 5mm thick glass/PVC.
- **Material:** Made of 8mm thick porcelain white PP (Polypropylene), highly resistant to acids, alkalis, and corrosion.

- **Coating Thickness:** 8 mm PP.
- **Inner Material:** 8mm thick porcelain white PP, resistant to corrosion.
- **Worktop:** Chemical-resistant phenolic resin.
- **Window Frame:** PVC material.
- **Sockets:** 4x220V socket.
- **Control Panel:** Digital panel for monitoring.
- **Dimensions:**
 - **Width:** 1250 mm.
 - **Height:** 800 mm.
 - **Length:** 2400 mm.

Standard Accessories:

- Chemical-resistant phenolic resin worktop.
- Electrical sockets.
- Swan-neck faucet.
- PP sink.
- Blower for ventilation.
- Gas fitting.
- Storage cabinet.

Standard Accessories:

- LED light.
- Work table made of chemical-resistant phenolic resin.
- 4.3 meters PVC duct with a 250mm diameter.
- Pipe strap (2 pcs).
- RVV power cord (31.0mm²3000mm).
- Base cabinet.
- Waterproof sockets (2 pcs).
- Tail insert.
- Water tap and gas tap (PP).
- Water sink.
- PP centrifugal blower (1 pc).

Features:

- 1. Anti-Corrosive Water Tap:** Safer for use with corrosive substances.
- 2. Microprocessor Control System:** Includes LED display for easy monitoring.
- 3. Memory Function:** Retains settings in case of power failure.
- 4. Acid & Alkali Resistance:** Made of porcelain white PP that is resistant to strong acids, alkalis, and corrosion.
- 5. Transparent Toughened Glass Window:** Provides visibility inside the fume hood and ensures a well-lit workspace.

Technical Parameters:

- **Model:** MSFH1200PSWISS.

- **Work Surface Height:** 820 mm.
- **Max Opening:** 740 mm.
- **Air Velocity:** 0.3~0.8 m/s.
- **Noise Level:** ≤68 dB.
- **Exhaust Duct:** 4.3 meters long, with a diameter of 250 mm.
- **LED Lamp:** 12W x 2.
- **Blower:** Built-in PP centrifugal blower, speed adjustable.
- **Front Window:** Manual, made of 5mm toughened glass, adjustable height.
- **Power Supply:** AC220V ±10%, 50/60 Hz.
- **Power Consumption:** 400W.

Materials:

- **Main Body:** Porcelain white PP (8mm thick), resistant to strong acids, alkalis, and corrosion.
- **Work Table:** Chemical-resistant phenolic resin.

Optional Accessories:

- PP, epoxy resin, or ceramic work table.
- Active carbon filter.

- Outer PP centrifugal blower (recommended if the duct exceeds 4 meters).
- Base stand.

This fume hood is designed for reliable, safe handling of hazardous materials, ensuring safety and efficient work in laboratory settings.