

DSHB-PP21-4/5/6

# Polypropylene Fume Hood



# Fume Hood – Product Features

## 1. Innovative Design

- Color Matching Fume Hoods break the monotone of traditional market products.
- Stylish design with functional durability.

## 2. Cabinet Structure

- Made of acid-resistant, alkali-resistant, and corrosion-resistant PP material.
- Reinforced with “mouth”, “U”, and “T” type structures for stable physical strength.
- Super bearing capacity, durable for long-term use.

## 3. Working Table

- Standard: same PP material as cabinet body.
- Customizable with other materials according to customer requirements.

## 4. Glass Window

- Made of 5 mm tempered glass.
- High strength, excellent bending resistance.
- Breaks safely without producing sharp fragments.

## 5. Window Sliding Door

- Integrated molding design (customizable). Movable vertical sliding door separates workspace from operator for safety.
- Can stop at any position with balance support
- Provides a clear, unobstructed field of vision.

## 6. Window Frame and Suspension

- Frameless door, embedded on all four glass sides.
- Low friction resistance, ensuring safety and durability.
- Adjustable timing belt (5 mm × 11.5 sheath, steel wire reinforced) for door suspension.

## 7. Deflector System

- Made of 8.0 mm brand-new PP plate, welded and corrosion-resistant. Installed behind and above the workspace.
- At least three plates forming an air chamber between workspace and exhaust pipe.
- Ensures even discharge of **polluted gases**.
- Detachable and reassemble-friendly with deflector clips.

## 8. Air Collection Hood

- Made of PP color matching plate.
- Air outlet diameter: 250 mm.
- Rectangular bottom inlet + circular top outlet.
- Strong resistance to corrosion, efficient airflow.

## 9. Lighting

- Equipped with 1 × 30W LED fluorescent lamp.
- Waterproof, anti-corrosion, anti-oxidation design for safe lab use.

## 10. Control Panel

- LCD control panel for clear status display.
- Includes power, switch, lighting, fan, and indicator buttons.
- User-friendly and intuitive control.

## 11. Lower Cabinet

- Made of welded PP color plate, carved and bent in one piece.
- Double-folded door panels – sturdy, resistant to deformation, and attractive design.

## 12. Hardware and Accessories

- Laboratory-specific PP hinges – strong corrosion resistance.
- Waterproof sockets – four provided with each fume hood.

## 13. Sink and Water Trap

- Sink: PP cup trough, strong corrosion resistance.
- Filtering and odor-blocking functionality.
- Water trap elbow: made of high-density PP for durability.

Model no.	DSHB PP21-4	DSHB PP21-5	DSHB PP21-6
Product Specifications	2350*850*1200	2350*850*1500	2350*850*1800
Cabinet type selection	Split benchtop/integrated walk-in	Split benchtop/integrated walk-in	Split benchtop/integrated walk-in
Socket selection	Waterproof/explosion-proof socket	Waterproof/explosion-proof socket	Waterproof/explosion-proof socket
Cabinet material	Overall 8 mm thick PP board	Overall 8 mm thick PP board	Overall 8 mm thick PP board
Cabinet structure	Upper cabinet disassembly type / integral welding type	Upper cabinet disassembly type / integral welding type	Upper cabinet disassembly type / integral welding type
Glass standard	Standard 5 mm tempered	Standard 5 mm tempered	Standard 5 mm tempered
Countertop options	Physical and chemical board/ceramic board	Physical and chemical board/ceramic board	Physical and chemical board/ceramic board
Optional accessories	Water cup/water valve/water spout	Water cup/water valve/water spout	Water cup/water valve/water spout
Customized services	have	have	have

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