



PP FUMEHOOD

PP FUMEHOOD BDL-4201

DUCTLESS PP FUME HOOD



1. The case is made of 8mmPP plate, with good finish and corrosion resistance.
2. The front window has 8°physiological incline, ergonomic design, larger viewing angle.
3. The front window is foldable acrylic window, and the lower acrylic window has the function of stopping at will.
4. Electronic control system with anti-overload, anti-shock and other functions, stable performance, long service life.
5. With power failure memory function, that is, when encountering a sudden power failure, power again can maintain the working state before the power failure, convenient experimental operation.

SPECIFICATIONS

Model	BDL-4201
Internal Size (W*D*H)	680*606*688mm
External Size (W*D*H)	700*700*1100mm
Max Opening	640mm
Airflow Volume	230 m³h
Air Velocity	0.3~0.8m/s
Noise	≤65dB(A)
LED Lamp	15W
Illumination	≥400lx
Blower	Built-in centrifugal blower
Power Supply	220V, 50/60Hz
Consumption	150W
Material	Main Body: PP plate, thickness 8mmWork Table: Chemical resistant phenolic resin
Standard Accessory	Active carbon filter*2
Optional Accessory	Water tap, Gas tap, Water sink, Base stand, UV lamp, HEPA filter
Net Weight	67kg
Gross Weight	87kg
Package Size	820*820*1280mm
Alt Name	Ductless PP Fume Hood

PP FUMEHOOD BKF-1201 BKF-1202 BKF-1203

PP FUME HOOD



Cabinet: Made of 8-12mm thick (including) imported porcelain white PP, excellent acid and alkali resistance. After precise cutting processing, the same color homogeneous electrode fusion welding modification treatment, the surface without sharp Angle.

Upper cabinet: Exhaust cabinet adopts top cover type extraction design, and has 1 ϕ 250mm exhaust vent. The baffle is made of homogeneous PP material with excellent acid and alkali resistance. The installation size is scientific and reasonable, no airflow dead Angle, to obtain the maximum exhaust gas capture performance.

The lower cabinet: the storage cabinet with a partition in the middle.

SPECIFICATIONS

Model	BKF-1201	BKF-1202	BKF-1203
Internal Size (W*D*H)	985*655*1185mm	1285*655*1185mm	1585*655*1185mm
External Size (W*D*H)	1200*850*2350mm	1500*850*2350mm	1800*850*2350mm
Exhaust speed	0.5m/sec		
Voltage	220/300V		
Maximum power	0.3KW		
Weight	150KG	165KG	175KG
Specification and quantity of LED lights	12Wx1		
Alt Name	PP Fume hood		

APPLICATIONS

PP fume hood should be mainly due to the clean room with relatively high environmental requirements, because PP material has excellent acid resistance, and compared with all-steel fume hood, excellent acid and alkali resistance can be engaged in higher strength acid and alkali experiments. It can be used in high-end places such as high-strength acid-base experiments and purification rooms.

PP FUMEHOOD BDL-4301

DUCTLESS PP FUME HOOD



1. The case is made of 8mmPP plate, with good finish and corrosion resistance.
2. The front window has 8°physiological incline, ergonomic design, larger viewing angle.
3. The front window is foldable acrylic window, and the lower acrylic window has the function of stopping at will.
4. Electronic control system with anti-overload, anti-shock and other functions, stable performance, long service life.
5. With power failure memory function, that is, when encountering a sudden power failure, power again can maintain the working state before the power failure, convenient experimental operation.

SPECIFICATIONS

Model	BDL-4301
Internal Size (W*D*H)	980*606*688mm
External Size (W*D*H)	1000*700*1100mm
Max Opening	640mm
Airflow Volume	230 m³h
Air Velocity	0.3~0.8m/s
Noise	≤65dB(A)
LED Lamp	15W
Illumination	≥400lx
Blower	Built-in centrifugal blower
Power Supply	220V, 50/60Hz
Consumption	150W
Material	Main Body: PP plate, thickness 8mmWork Table: Chemical resistant phenolic resin
Standard Accessory	Active carbon filter*2
Optional Accessory	Water tap, Gas tap, Water sink, Base stand, UV lamp, HEPA filter
Net Weight	85kg
Gross Weight	115kg
Package Size	1120*820*1280mm
Alt Name	Ductless PP Fume Hood

PP FUMEHOOD BJU-3201 TO BJU-3204

PP FUME HOOD

PP fume hood is suitable for the experiment of strong acid, strong alkali, strong corrosion and volatility. It can effectively protect the operator from inhaling toxic gases and protect the operator and sample safety. And dramatically reduces the risk of fire and explosion. The environment can also be protected by installing appropriate filters.



SPECIFICATIONS

Model	BJU-3201	BJU-3202	BJU-3203	BJU-3204
Internal Size (W*D*H)	787*560*700mm	987*560*700mm	1287*560*700mm	1587*560*700mm
External Size (W*D*H)	1047*800*2450mm	1247*800*2450mm	1547*800*2450mm	1847*800*2450mm
Max Opening	740mm			
Work Surface Height	820mm			
Display	Microprocessor controller with LCD display, display the operating status of each function			
Airflow Velocity	0.3~0.8 m/s, speed adjustable			
Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion.			
Work Surface	Solid physicochemical board, resistant to acid and alkali.			
Front Window	Manual, 5mm toughened glass, height adjustable.Resistant to acid and alkali,			
LED Lamp	16Wx2			30Wx2
Blower	Built-in PP centrifugal blower(2 blowers for only): Speed adjustable	Built-in PP centrifugal blower(2 blowers for only): Speed adjustable	Built-in PP centrifugal blower(2 blowers for only): Speed adjustable	
Consumption	450W			
Power Supply	AC220V±10%, 50/60HZ; 110V±10%, 60HZ			
Illumination	≥900Lux			
Sound Emission	≤68dB(A)			

Standard Accessory	2.LED Lamp;3.Waterproof Socketx2;4.Water Tap (PP);5.Gas Tap (PP);6.Gas & Water Remote Control Valve;7.PP Water Sink;8.Work Table: Solid physicochemical board, resistant to acid and alkali;9.PP Centrifugal Blowerx1(2 for only);10.10 m PVC aluminum foil composite exhaust duct, Diameter: 250mm; (2 pcs of 10m exhaust duct for only,duct is retractable and can be cut freely.) Pipe strap x2 (4 pcs for only);		
Optional Accessory	1.PP Work Table, epoxy resin board; 2.Active Carbon Filter /Chemical Filter /HEPA Filter; 3.Air velocity sensor		
Gross Weight (kg) Main Body	137	155	180
Base Cabinet	89	99	114
Shipping Size (WxDxH) Main Body	1188x938x1612	1388x938x1612	1688x938x1612
Shipping Volume (m ³)	2.9	3.4	4.1
Alt Name	PP Fume Hood		

PP FUMEHOOD BFSD-401 TO BFSD-404

DUCTED PP FUME HOOD



1. It is safer to use anti-corrosive water tap.
 2. Microprocessor control system, LED display.
 3. With memory function in case of power-failure.
 4. Made of porcelain white PP, resistant to acid, alkali and anti-corrosion.
 5. Front window which is made of 5mm thick transparent toughened glass maximize light and visibility inside the fume hood, providing a bright and open working environment.
- LED Display
Waterproof Socket
Water&Gas Remote Control
PP Sink, resistant to acid, alkali and anti-corrosion

SPECIFICATIONS

Model	BFSD-401	BFSD-402	BFSD-403	BFSD-404
Internal Size (W*D*H)	787*560*700mm	987*560*700mm	1287*560*700mm	1587*560*700 mm
External Size (W*D*H)	1047*800*2450mm	1247*800*2450mm	1547*800*2450mm	1847*800*2450 mm
'Work Surface Height	820mm			

Max Opening	740mm			
Air Velocity	0.3~0.8m/s			
Noise	≤68dB			
Exhaust Duct	4.3 meters, φ250mm			
LED Lamp	12w*2		22w*2	18w*2
Blower	Built-in PP centrifugal blower (2 blowers for FH1800(P) only); Speed adjustable			
Front Window	Resistant to acid and alkali, Manual, 5Smm toughened glass, height adjustable			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption	400W		500W	700W
Material Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion			
Material Work Table	Chemical resistant phenolic resin			
Standard Accessory	LED light;Work table:Chemical resistant phenolic resin; 4.3 meters PVC duct (2 Pcs of 4.3 meters PVC duct for FH1800(P) only), Diameter: 250mm;Pipe strap*2(4 Pcs for FH1800(P) only); RVV power cord (3*1.0mm?*3000mm); Base cabinet; Waterproof socket*2; Tail insert;Water tap(PP); Gas tap(PP); Water Sink;PP centrifugal blower*1(2 for FH1800(P))			
Gross weight Main Body	137kg	155kg	180kg	206kg
Gross weight Base Cabinet	89kg or 80kg(Splicable)	99kg or 90kg(Splicable)	114kg or 102kg(Splicable)	140kg
Package Size (W*D*H) Main Body	1188*938*1612mm	1388*938*1612mm	1688*938*1612mm	1988*938*1612mm
Package Size (W*D*H) Base Cabinet	1188*888*1000mm or1200*1000*450mm(Splicable)	1388*888*1000mm or1400*1000*450mm(Splicable)	1688*888*1000mm or 1700*1000*450mm(Splicable)	1988*888*1000mm
Alt Name	Ducted PP Fume Hood			

FEATURES

1. It is safer to use anti-corrosive water tap.
2. Microprocessor control system, LED display.
3. With memory function in case of power-failure.
4. Made of porcelain white PP, resistant to acid, alkali and anti-corrosion.
5. Front window which is made of 5mm thick transparent toughened glass maximize light and visibility inside the fume hood, providing a bright and open working environment.

LED Display



Waterproof Socket



Water&Gas Remote Control



PP Sink, resistant to acid, alkali and anti-corrosion



PP FUMEHOOD BDL-4501 TO BDL-4504

PP SPRAY FLOW CABINET

This style fume hood is a custom-made fume hood for perchloric acid. The alkaline water neutralization and circulation system behind the deflector of the fume hood is the primary neutralization system, and its function is to ensure that high concentrations of perchloric acid residues do not accumulate in the fume hood, thereby causing chemical reactions such as combustion, explosion or a lot of heat.



1. Made of PP material, integrally welded
 2. Resistant to strong acid, alkali and strong corrosion
 3. Solid core physical and chemical board, PP board, ceramic board and other countertop materials are optional
 4. The inside of the deflector is equipped with a spray system, which can neutralize the acid gas in the exhaust gas and then discharge it
 5. The control panel can control the lighting system, circuit system, and air volume adjustment system
 6. Circulating water dilution system includes acid and alkali resistant circulating pump, water tank, water inlet and outlet structure, and complete circulating water circuit.
- LED Display

SPECIFICATIONS

Model	BDL-4501	BDL-4502	BDL-4503	BDL-4504
Internal Size (W*D*H)	787*500*700mm	987*500*700mm	1287*500*700mm	1587*500*700mm
External Size (W*D*H)	1047*800*2450mm	1247*800*2450mm	1547*800*2450mm	1847*800*2450mm
Work Surface Height	820mm			
Max. Opening	740mm			

Material Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion.			
Material Work Table	Solid core physical and chemical board			
Airflow Velocity	0.3~0.8m/s			
Exhaust volume	560m³/h	700m³/h	920m³/h	1130m³/h
Consumption	400W+370W(Pump)		500W+370W(Pump)	700W+370W(Pump)
Waterproof Socket	Two, total load≤500W			
Noise	≤68dB(A)			
Illumination	≥400lx			
LED Lamp	24W		30W	38W
Blower	Built-in PP centrifugal blower(2 blowers for FH1800(P) only); Speed adjustable; 300W			
Front Window	Resistant to acid and alkali, Manual, 5mm toughened glass, height adjustable.			
Operators	1~2		2~3	
Standard Accessory	LED light;Work table: Chemical resistant phenolic resin;4.3 meters PVC duct (2 pcs of 4.3 meters PVC dust for FH1800(P) only), Diameter: 250mm;Pipe strap*2 (4 pcs for FH1800(P) only);Base cabinet;PP centrifugal blower*1 (2 for FH1800(P) only)Waterproof socked*2			
Optional Accessory	PP work table, epoxy resin board or ceramic board;UV lamp;Electric glass doorWater tap (PP);Gas tap (PP);Water Sink			
Power Supply	220V, 50/60Hz(Standard); 110V, 60Hz(Optional)			
Package Size (W*D*H) Main Body	1188*938*1612mm;	1388*938*1612mm;	1688*938*1612mm;	1988*938*1612mm;
Package Size (W*D*H) Base Cabinet	1188*888*1000mm	1388*888*1000mm	1688*888*1000mm	1988*888*1000mm
Gross Weight	235kg	268kg	308kg	360kg
Alt Name	PP Spray Flow Cabinet			

FEATURES

1. Made of PP material, integrally welded
2. Resistant to strong acid, alkali and strong corrosion
3. Solid core physical and chemical board, PP board, ceramic board and other countertop materials are optional
4. The inside of the deflector is equipped with a spray system, which can neutralize the acid gas in the exhaust gas and then discharge it
5. The control panel can control the lighting system, circuit system, and air volume adjustment system
6. Circulating water dilution system includes acid and alkali resistant circulating pump, water tank, water inlet and outlet structure, and complete circulating water circuit.

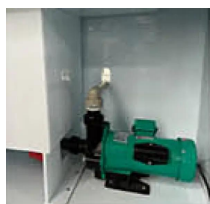
LED Display



Waterproof socket



Circulating Pump



PP Sink (Optional), resistant to acid, alkali and anti-corrosion.



Water & Gas Remote, Control (Optional)



PP FUMEHOOD BJU-3301 TO BJU-3304

PP SPRAY FUME HOOD WITH SCRUBBER

PP Spray Fume Hood with Scrubber, it can exhaust harmful gases, dust, mist and steam from operation area, helping to protect operator from exposure to chemicals. The whole structure includes: Spray system, Automatic Dosing System, Leakage alarm and Air flow monitor, etc. It's mainly suitable for water-soluble chemical operations.



SPECIFICATIONS

Model	BJU-3301	BJU-3302	BJU-3303	BJU-3304
Internal Size (W*D*H)	770*500*900mm	1070*500*900mm	1270*500*900mm	1570*500*900mm
External Size (W*D*H)	900*1050*2275mm	1200*1050*2275mm	1500*1050*2275mm	1800*1050*2275mm
Maximum Opening	750mm			
Work Surface Height	800mm			

Spray System	Double Channel Spray (with double scrubber)			
PH Value	PH Value Display, support 485 communication protocol			
Display	4.3"LCD touch screen			
Alarm	With Leakage alarm system			
Airflow Velocity	0.3-0.5m/s, speed adjustable			
Air Volume	1000m³/h	1200m³/h	1600m³/h	1800m³/h
Exhaust Outer diameter	Φ160mm	Φ250mm		Φ300mm
Main Body	PP (polypropylene) material			
Work Surface	PP (polypropylene) material			
Front Window	Manual door, PVC material			
LED Lamp	2x30W			
Maximum Consumption	200W (Not include socket loading power consumption)			
Power Supply	AC 220V±10%, 50/60Hz, 110V±10%, 60Hz			
Illumination	800Lux			
Sound Emission	≤60dB(A)			
Standard Accessory	Air Velocity Sensor, Gas & Water Tap and Valve, Waterproof Socketx4, Electric Air Valve, LED Lampx2, Water Pump, Double Washing System, Automatic Dosing System			
Optional Accessory	Epoxy Resin Work Surface, 0.3KW Centrifugal Blower, VAV variable air volume system			
Net Weight(kg)	160	250	300	380
Gross Weight(kg)	150	220	270	300
Main Body				
Base Cabinet	90	120	150	180
Shipping Size (WxDxH)Main Body	1050x1270x1780	1350x1270x1780	1650x1270x1780	1950x1270x1780
Shipping Volume (m³)	3.7	4.8	5.8	6.9
Alt Name	PP Spray Fume Hood with Scrubber			



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