



## PP Spray Flow Cabinet

### INTRODUCTION

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.

### ADVANTAGE

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  
Resistant to acid,  
alkali and anti-corrosion



Water&Gas Remote  
Control

### TECHNICAL PARAMETERS

Model	FH1000PL	FH1200PL	FH1500PL	FH1800PL
External Size (W*D*H)	1047*800*2450mm	1247*800*2450mm	1547*800*2450mm	1847*800*2450mm
Internal Size (W*D*H)	787*500*700mm	987*500*700mm	1287*500*700mm	1587*500*700mm
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.			
	Work Table: Solid core physical and chemical board			
Airflow Velocity	0.3~0.8m/s			
Exhaust Volume	560 m³/h	700 m³/h	920 m³/h	1130 m³/h
Consumption	400 W+370W(Pump)		500 W + 370W(Pump)	700 W + 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	1~2	2~3	2~3
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);			
	Base cabinet;			
	PP centrifugal blower*1 (2 for FH1800(P) only)			
Optional Accessory	Waterproof socket*2			
	Water tap (PP);			
	Gas tap (PP);			
	Water Sink			
	PP work table, epoxy resin board or ceramic board;			
	UV lamp;			
Power Supply	220V,50/60Hz (Standard); 110V,60Hz (Optional)			
	Electric glass door			
Package Size (W*D*H)	Main Body:	Main Body:	Main Body:	Main Body:
	1188*938*1690mm	1388*938*1690mm	1688*938*1690mm	1988*938*1690mm
	Base Cabinet:	Base Cabinet:	Base Cabinet:	Base Cabinet:
Gross Weight	1188*888*1000mm	1388*888*1000mm	1688*888*1000mm	1988*888*1000mm
	227kg	255kg	295kg	346kg