



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	FH1000(PL)	FH1200(PL)	FH1500(PL)	FH1800(PL)
External Size (W*D*H)	1047*800*2675mm	1247*800*2675mm	1547*800*2675mm	1847*800*2675mm
Internal Size (W*D*H)	787*470*700mm	987*470*700mm	1287*470*700mm	1587*470*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; 5 meters PVC duct (2 pcs of 5 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 socket*2 Water tap (PP); Gas tap (PP); Water Sink			
Optional Accessory	PP work table, epoxy resin board or ceramic board; UV lamp; Electric glass door			
Power Supply	220V,50/60Hz (Standard); 110V,60Hz (Optional)			
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:
	1188*888*1000mm	1388*888*1000mm	1688*888*1000mm	1988*888*1000mm
Gross Weight	137kg; 92kg	155kg; 102kg	180kg; 118kg	206kg; 140kg