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 (Optional)
Resistant to acid, alkali and anti-corrosion

Water&Gas Remote Control (Optional)

TECHNICAL PARAMETERS

Model		FH1000PL	FH1200PL	FH1500PL	FH1800PL
External Size (W*D*H)		1047*800*1422mm	1247*800*1422mm	1547*800*1422mm	1847*800*1422mm
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 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: 1188*938*1690mm Base Cabinet: 1188*888*1000mm	Main Body: 1388*938*1690mm Base Cabinet: 1388*888*1000mm	Main Body: 1688*938*1690mm Base Cabinet: 1688*888*1000mm	Main Body: 1988*938*1690mm Base Cabinet: 1988*888*1000mm
Gross Weight		227kg	255kg	295kg	346kg