Ductless Fume Hood

Ductless Fume Hood utilizes carbon filtration to protect laboratory personnel and the environment from toxic chemical fumes, odours, and particles. It is widely used in universities, public health, chemical and petrochemical industry, drug testing, museums and many other fields which involve the use of chemicals

Features:

- Intelligent constant speed design, ensures the best adsorption effect of the filter
- Energy-efficient EC fan for a longer service life and reliable operation
- Offers a broad range of accessories and options meet clients' different requirements
- Standard VOC sensor detects presence of volatile organic compounds in the exhaust and alarms to indicate filter saturation
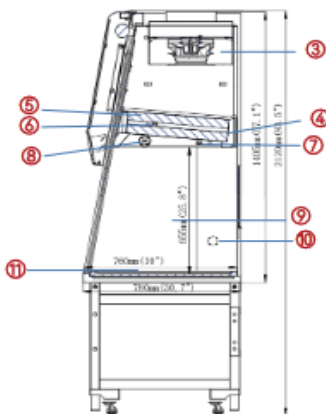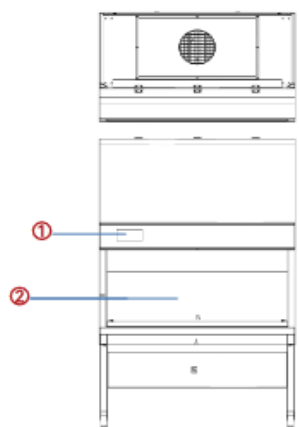
Physical specifications

Model	EPL 1000(C)	EPL 1200(C)	EPL 1500(C),	EPL 1800(C)
External Size(W*D*H)	1000*830*2140mm	1200*830*2140mm	1500*940*2400mm	1800*940*2140mm
Internal Size(W*D*H)	910*690*740mm	1110*690*740mm	1268*690*7765mm	1710*690*740mm
Nominal Size	2 to 6 feet (0.6 to 2 m)			
Work Surface Height	900mm			
Max.Opening	650mm			
Air Velocity	0.4~0.6m/s			
Airflow Volume	136m³/h		432m³/h	547m³/h
Noise	≤60dB(A)			
Fluorescent Lamp	12W*2		12W*3	
Fluorescent Light Intensity	>1300 lux		>1400 lux	
UV Lamp(optional)	Emission of 253.7 nanometers for most efficient decontamination			
Cabinet BTU/Hr	990			
Total Weight of Carbon Filter	2 x 13.9 Kg . Back-up Filter: Activated Carbon with Granular Media bed			
Blower	Built-in centrifugal blower, speed adjustable			

Front Window		Acrylic window, Manual, Reversal design			
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption		400W		500W	
Material	Exterior	Cold-rolled steel with anti-bacteria powder coating			
	Side Window	Acrylic window			
	Work Table	Chemical resistant phenolic resin			
Chemical Filter		2pcs		4pcs	
Standard Accessories		Fluorescent lamp, Base cabinet, Total load of 2 waterproof sockets: 500W, Chemical filter			
Filtration Elements Pre-filter:		Disposable, non-washable polyester fiber, 85% arrestance, EU3 rated			
Optional Accessory		Water tap, Gas tap, Water sink, Electric height, Adjustable base stand, HEPA Filter, UV Lamp			
Gross Weight		290kg	310kg	380kg	410kg
Package Size	Main Body	1140*1040*1490mm	1350*1040*1490mm	1650*1110*1490mm	1950*1110*1490mm
	Base Cabinet	1140*1040*1060mm	1350*1040*1060mm	1650*1110*1060mm	1950*1100*1060m

Product Dimension

1. Microprocessor Control System
2. Tempered Glass Sliding Sash Window
3. EC fan
4. First filter
5. Second filter(optional)
6. VOC sensor
7. Temperature and humidity sensor
8. Wind velocity sensor
9. Tempered Glass Side
10. Electrical sockets(2 on each side)
11. Powder coated steel worktop