

Description

FMH series ductless fume hood is a kind of negative pressure ventilation system for protecting operator and laboratory, utilizes carbon filtration to protect laboratory personnel from toxic chemical fumes, odors, and particles. Known for its plug-and-play feature and mobility, ductless fume hood guarantees a hassle-free installation and no lab work interruption.



LCD Display and Control Panel



Waterproof socket



UV lamp



Water Tap and sink
(Standard)



Work surface



Gas Tap (Standard)



Active Carbon Filter
(Standard)



Humanized Design

Ergonomic Control Panel Location, centered and angled down for an easy reach & viewing.

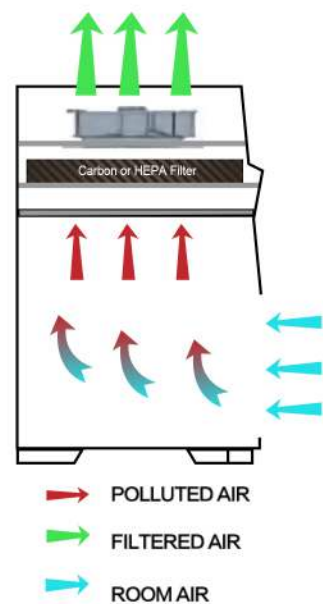
Made of solid psychological board, resistant to strong acid and alkali

The non-direct light source design can effectively relieve the operator's visual fatigue under the condition of ensuring the illumination

Intuitive and easy-to-use microprocessor controller with LCD display, graphical and digital display of the operating status of each function, such as filter life, UV life etc.



Airflow Pattern



Safety Performance

- Front sliding sash interlock with fan and UV lamp.
- UV sterilization with UV lamp timing function.
- Front sash and side windows are made of UV-resistant tempered glass.
- The host and sockets have independent capacitors to prevent current overload.
- Memory function in case of power-failure.

Convenience Features

- Memory function in case of power-failure.
- Filter and UV life indicators facilitate a timely replacement plan.
- Two side glass windows installed for easy experiment observation.
- Equipped with temperature sensor to show the real temperature during operation.
- Waterproof socket provide convenience for small instruments to be used in the operating area.

Specifications

Model	FMH-D-LT1000	FMH-D-LT1200	FMH-D-LT1500	FMH-D-LT1800
External Size mm (W×D×H)	1000×850×2150mm	1220×850×2150mm	1525×850×2150mm	1830×850×2150mm
Internal Size mm (W×D×H)	880×730×745mm	1100×730×745mm	1405×730×745mm	1710×730×745mm
Control System	Microprocessor controller with LCD display, graphical and digital display of the operating status of each function.			
Maximum Opening	520mm			
Work Surface Height	750mm			
Airflow Velocity	Adjustable, 0.3~0.8 m/s			
Filter	Active Carbon Filter			
Sound Emission	≤68dB(A)			
Illuminating Lamp	LED lamp, Illumination ≥900Lx			
LED Lamp	6.5W×1	9.6W×1	9.6W×1	9.6×1
UV Lamp	20W×1	30W×1	30W×1	30W×1
	With timing function, Interlock with front sliding sash. Emission of 253.7 nanometers for best sterilization effect.			
Power Consumption	400W	500W	500W	500W
	The power consumption does not include external device connected via power socket			
Cabinet Construction	Main Body: Electro-galvanized steel with antimicrobial powder coating Work Table: Solid physicochemical board, resistant to strong acid and alkali Manual Sliding Sash: 5 mm UV resistant tempered glass with counter-balance system and ergonomic handle Side Windows: 5 mm UV resistant tempered glass			
Power Supply	AC 220V,50/60Hz; 110V,60Hz			
Standard Accessories	Base stand; LED lamp; UV lamp; Waterproof socket×2 (Only 1 for FMH-1000D); Water Tap, Gas Tap, Water Sink; Exhaust Duct-10-meters; Active Carbon Filter			
Optional Accessories	Base Cabinet			
Net Weight	195kg	215kg	250kg	315kg
Gross Weight	250kg	280kg	330kg	390kg
Shipping Size (W×D×H)	1140×1100×1635mm	1360×1100×1635mm	1665×1100×1635mm	1970×1100×1635mm
Shipping Volume	2m3	2.5m3	3.1m3	3.6m3