

Ductless Fume Hood

FMH-D3F FMH-D4F FMH-D5F FMH-D6F



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.



Control Panel



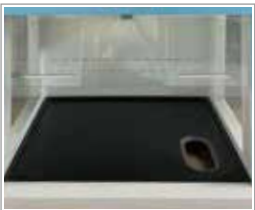
Waterproof socket



Bonded Carbon Filter



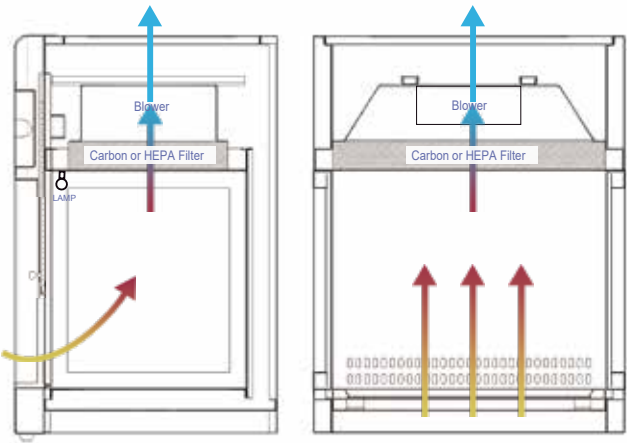
UV lamp



Work surface

Humanized Features

- 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.



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.

Safety Features

- 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.



Specifications

Model	FMH-D3F	FMH-D4F	FMH-D5F	FMH-D6F
External Dimensions(W*D*H)(mm)	1000*840*2150	1220*840*2150	1525*840*2150	1830*840*2150
Internal Dimensions(W*D*H)(mm)	880*730*745	1100*730*745	1405*730*745	1710*730*745
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)			
Fluorescent Lamp	LED type, Intensity ≥900Lx			
UV Lamp	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 psychological 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			
Electricity	AC220V ±10%, 50/60Hz,1P			
Standard Accessories	Base stand; LED lamp; UV lamp; Waterproof socket; Water Tap, Gas Tap, Water Sink; Exhaust Duct-4 meters; Active Carbon Filter			
Optional Accessories	Base Cabinet			
Shipping Weight(Kg)	250	280	330	390
Shipping Dimensions(L*W*H)(mm)	1140*1100*1635	1360*1100*1635	1665*1100*1635	1970*1100*1635
Shipping Volume (m³)	2	2.5	3.1	3.6