

■ Description

FMH (DA) series Fume Hood is designed as a negative pressure ventilation system that ensures the safety of operators and the laboratory environment. It works by drawing room air inward through the front opening of the hood and continuously ventilating it with an extraction blower. This prevents the spread of contaminated fumes, vapors, toxic gases, aerosols, and corrosive substances that may be generated during experiments. Furthermore, an optional active carbon filter can purify the polluted air before it is exhausted through the duct, thereby protecting the outdoor environment as well.



Sash air foil and bypass system on front panel



Work table (Chemical resistant phenolic resin)



Gas & Water Tap



Gas & Water Remote Control



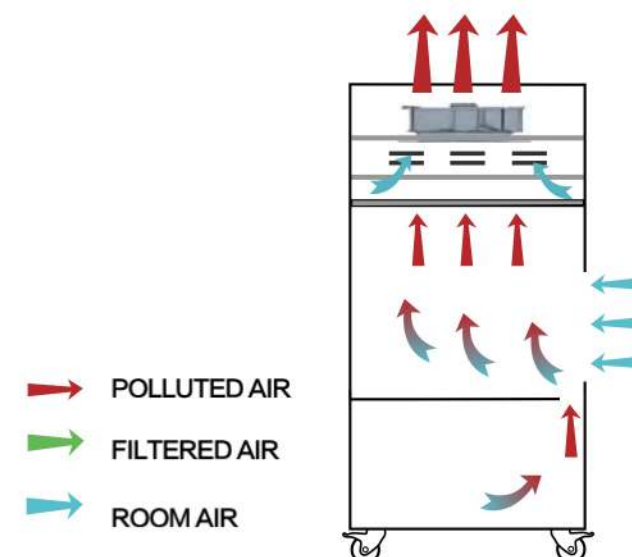
LCD Display



Waterproof Socket



■ Airflow Pattern



■ Advantage

- New design, with a liquid collection tank behind the backpanel to collect the waste liquid generated during the experiment and reduce pollution.
- UV lamp for sterilization.
- Resistant to weak acid and alkali.
- Adjustable air speed.
- Manual or Motorized front window, height adjustable.
- Microprocessor control system, LCD display.
- Memory function in case of power failure.
- Front panel with bypass Grille, Sash air foil and bypass system achieve function of Air supplement. Meets North American fume hood design standards.

■ Specifications

Model	FMH-DA-DL1000 FMH-DA-DL1000(II)	FMH-DA-DL1200 FMH-DA-DL1200(II)	FMH-DA-DL1500 FMH-DA-DL1500(II)	FMH-DA-DL1800 FMH-DA-DL1800(II)
External Size (WxDxH)	1040x800x2200mm	1240x800x2200mm	1540x800x2200mm	1840x800x2200mm
Internal Size (WxDxH)	820x670x730mm	1020x670x730mm	1320x670x730mm	1620x670x730mm
Front Window	Manual (FMH-DA series), Motorized (FMH-DA(II) series) 5mm toughened glass; Height adjustable.			
Work Surface Height	850mm			
Max Opening	520mm			
Air Velocity	0.3~0.8m/s			
Sound Emission	≤68dB			
Exhaust Duct	PVC, Standard length: 10m .Φ300mm			
LED Lamp	8Wx1	12Wx1	16Wx1	12Wx1
UV Lamp	Emission of 253.7 nanometers for most efficient decontamination			
Blower	Built-in centrifugal blower; Speed adjustable.			
Power Supply	AC 220V,50/60Hz; 110V,60Hz			
Consumption	400W	400W	500W	500W
Material	Exterior: Cold-rolled steel with anti-bacteria powder coating.			
	Interior: Compact laminate board with good acid and alkali resistance function			
	Work Table: Chemical resistant phenolic resin			
Standard Accessory	UV lamp x2, LED lamp, Water tap, Gas tap, Water sink, Base cabinet; 2pc waterproof sockets			
	10m PVC aluminum foil composite exhaust duct, pipe strap x2 (Duct is retractable and can be cut freely)			
	Water supply flow control valve; Gas supply flow control valve			
Optional Accessory	Active carbon filter /HEPA filter			
Gross Weight	286kg	317kg	350kg	400kg
Shipping Size (WxDxH)	Main Body	1190x990x1690 mm	1390x990x1690 mm	1690x990x1690 mm
	Base Cabinet	1190x990x900mm	1390x990x900mm	1690x990x900mm
Shipping Volume (m³)	3.1	3.6	4.3	5.1