

Ductless Fume Hood



FMH-800DL(II)/FMH-1000DL



FMH-1275DL/FMH-1600DL



FMH-900DL/FMH-1200DL/FMH-1500DL

Specifications

Model	FMH-800DL(II)	FMH-1000DL(II)	FMH-1275DL(II)	FMH-1600DL(II)
External Size (W×D×H) mm (Main Unit)	800×620×1245	1000×620×1245	1275×620×1245	1600×620×1245
External Size (W×D×H) mm (Base Cabinet)	800×550×825	1000×550×825	1275×550×825	1600×550×825
Internal Size (W×D×H) mm	781×574×934	981×574×934	1256×574×934	1581×574×934
Airflow Velocity	0.4~0.6m/s			
Airflow Volume	230m³/h	230m³/h	690m³/h	690m³/h
Blower	1pcs	1pcs	3pcs	3pcs
	Imported PSC blower			
Pre-Filter	2pcs (370×395×21mm)		3pcs (370×395×21mm)	
Chemical Filter (Molecular filter)	4 groups	4 groups	6 groups	6 groups
	OG: Organic filter			
	AG: Inorganic filter			
	AM: Ammonia gas filter			
	FO: Formaldehyde filter			
	HEPA H14: HEPA filter			
	(Customer can choose any filter type according to the number of filters and the type of chemicals to operate.)			
Display	7-inch LCD touch screen			
Material	External: Galvanized steel sheet, diameter ≥1.2mm, Epoxy resin electrostatic spraying, corrosion resistance;			
	Front and Side: ≥ 6mm acrylic board;			
	Work Surface: Epoxy resin, corrosion resistance, high temperature resistance			
Alarm Function	Filter saturation alarm; Abnormal temperature and humidity alarm; VOC alarm;Fan system failure alarm			
Sound Emission	≤52dB(A)			
Consumption	42W	42W	126W	126W
Power Supply	110V~240V,50/60Hz			
Standard Accessory	Base Cabinet, Chemical filters, Pre-filter, LED lamp, LCD touch screen, PSC blower, Real time temperature and humidity environmental monitoring system			
Optional Accessory	Differential Sensor(detect the saturation status of the HEPA filter), WeChat Remote monitoring system			
N.W/G.W (Main Unit)	102kg/122kg	114kg/144kg	132kg/167kg	174kg/216kg
N.W/G.W (Base Cabinet)	54kg/69kg	62kg/82kg	90kg/115kg	114kg/142kg
Shipping Size (W×D×H) mm (Main Unit)	860×680×1450	1060×680×1450	1360×680×1450	1690×680×1450
Shipping Size (W×D×H) mm (Base Cabinet)	860×620×900	1060×620×900	1300×620×900	1660×620×900

Description

FMH-DL Series ductless fume hood is designed specifically to protect the safety of laboratory personnel during experimental operations. It can prevent operators from inhaling toxic, harmful, disease causing, or unknown toxic chemicals during experiments. It efficiently purifies ventilation cabinets and the air inside the laboratory.

Advantage

- Real time temperature and humidity environmental monitoring system, displaying temperature and humidity, setting alarm parameters to ensure product safety.
- With Filter saturation alarm system: The product is equipped with double-layer filters and dual VOC probes. One probe monitors indoor air quality and the other monitors filter saturation status. The filter is set to a saturation alarm value, which will sound an alarm if it exceeds the range. When the concentration exceeds the set value for a long time, the filter needs to be replaced.
- With advanced filtering module system, according to experimental requirements, to meet various different experiments.Fully adsorbs harmful gases, particulate dust, and other substances generated during filtration experiments.
- Supports SIM card 4G communication.
- Provide API interfaces and support third-party platform docking functionality.
- Optional WeChat Remote monitoring system, Through the WeChat client, remote management can be carried out, and historical VOC data, temperature and humidity environmental data can be viewed and presented in a curved manner; You can access historical alarm records and remotely control fans, lighting, and alarm lights.

Specifications

Model	FMH-900DL(II)	FMH-1200DL(II)	FMH-1500DL(II)
External Size (W×D×H) mm (Main Unit)	900×620×1100	1200×620×1100	1500×620×1100
External Size (W×D×H) mm (Optional Base Stand)	900×630×825	1200×630×825	1500×630×825
Internal Size (W×D×H) mm	875×568×700	1175×568×700	1475×568×700
Airflow Velocity	0.4~0.6m/s		
Airflow Volume	230m³/h	460m³/h	690m³/h
Blower	1pcs	2pcs	3pcs
	Imported PSC blower		
Pre-Filter	1pcs(740*395*21mm)		3pcs(740*395*21mm)
Chemical Filter (Molecular filter)	4 groups	4 groups	6 groups
	OG: Organic filter		
	AG: Inorganic filter		
	AM: Ammonia gas filter		
	FO: Formaldehyde filter		
	HEPA H14: HEPA filter		
	(Customer can choose any filter type according to the number of filters and the type of chemicals to operate.)		
Display	5-inch LCD touch screen		
Material	External: Galvanized steel sheet, diameter ≥1.2mm, Epoxy resin electrostatic spraying, corrosion resistance;		
	Front and Side: ≥ 6mm acrylic board;		
	Work Surface: Epoxy resin, corrosion resistance, high temperature resistance		
Alarm Function	Filter saturation alarm; Abnormal temperature and humidity alarm; VOC alarm;Fan system failure alarm		
Sound Emission	≤52dB(A)		
Consumption	42W	84W	126W
Power Supply	220V/50Hz		
Standard Accessory	Chemical filters, Pre-filter, LED lamp, LCD touch screen, PSC blower, Real time temperature and humidity environmental monitoring system		
Optional Accessory	Base Stand, Differential Sensor(detect the saturation status of the HEPA filter), WeChat Remote monitoring system		
N.W/G.W (Main Unit)	102kg/122kg	132kg/167kg	204kg/249kg
N.W/G.W (Optional Base Stand)	54kg/69kg	90kg/115kg	132kg/164kg
Shipping Size (W×D×H) mm (Main Unit)	960×680×1300	1290×680×1300	1590×680×1300
Shipping Size (W×D×H) mm (Optional Base Stand)	960×700×900	1290×700×900	1560×700×900