

DUCTLESS FUME HOODS



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These types of fume hoods have a large filter unit mounted on top of the fan. The blower inside sucks in air from the room through the front opening and passes them through the filter and then releases the filtered air in the room again. The ductless fume hood has a filtration unit that consists of two phases i.e. pre-filtration layer that is made up of thick foam that traps the larger particles and the main filter is an activated carbon shield that absorbs most of the gases like ammonia, carbon monoxide, etc. The foam can last up to 6-8 months and the carbon filter for 2 years. Used in Forensics, Life Sciences, Clinical, Research Field.

LTFUM11 DUCTLESS FUME HOOD

LCD Touch screen control panel, easy to operate.

With memory function in case of power-failure.

8°slope front ergonomics design, fatigue-free working posture.

Temperature and humidity sensors, can detect indoor temperature and humidity.

Three side transparent Acrylic windows, front window reversal design, easy to operate.

Double-layers structure: 1mm sheet metal surface; Chemical resistant phenolic resin work table.

Electronic control system, anti-overload, anti-electric shock, stable performance, long service life.

Inside and outside probe, detect indoor air pollution and filter conditions. Audible and visual alarm for changing filter.



SPECIFICATIONS

Model	LTFUM11-1	LTFUM11-2	LTFUM11-3	LTFUM11-4
Air Velocity	0.4~0.6 m/s			
Airflow Volume	136m ³ /h		432m ³ /h	547m ³ /h
Max.Opening	650mm			
Work Surface Height	900mm			
Blower	Built-in centrifugal blower, speed adjustable			
Front Window	Acrylic window; Manual; Reversal design			
Exterior Material	Cold-rolled steel with anti-bacteria powder coating			
Side Window Material	Acrylic Window			
Work Table Material	Chemical resistant phenolic resin			
Chemical Filter	2 pcs		4 pcs	
UV Lamp(optional)	Emission of 253.7 nanometers for most efficient decontamination			
Fluorescent Lamp	14Wx2		14Wx3	
Standard Accessories	Fluorescent Lamp, Base cabinet, Total load of 2 waterproof sockets: 500W;Chemical Filter			
Optional Accessory	Water tap, Gas tap, Water sink, Electric height, Adjustable base stand, HEPA Filter, USB module,UV Lamp			
Internal Size (WxDxH)	910x690x740mm	1110x690x740mm	1410x690x740mm	1710x690x740mm
External Size (WxDxH)	1000x830x2140mm	1200x830x2140mm	1500x940x2140mm	1800x940x2140mm
Main Body Package Size	1140x1040x1490mm	1350x1040x1490mm	1650x1110x1490mm	1950x1110x1490mm
Package Size (Base Cabinet)	1140x1040x1060mm	1350x1040x1060mm	1650x1110x1060mm	1950x1100x1060mm
Gross Weight	290kg	310kg	380kg	410kg
Consumption	400 W		500 W	

Power Supply

AC220V±10%, 50/60Hz; 110V±10%, 60Hz



LTFUM11-1



LTFUM11-2



LTFUM11-3



LTFUM11-4

LTFUM12-1 DUCTED FUME HOOD

Folding acrylic front window, down part with free stop function.

Microprocessor control system, LED display.

With memory function in case of power-failure.

Built-in centrifugal blower.

Interlock function: UV lamp and blower, LED lamp.(Only for choosing UV lamp)

Note: Experiments with strong acids and alkali, flammable or explosive substances cannot be conducted with this type fume hood.



SPECIFICATIONS

Model	LTFUM12-1
Air Velocity	0.3~0.8 m/s
Max Opening	660mm
Blower	Built-in centrifugal blower; Speed adjustable
Front Window	Folding acrylic window, down part with free stop function
Main Body Material	1.0mm cold-rolled steel with bacteria power coating
Work table material	Chemical resistant phenolic resin
Back&Side Windows Material	5mm toughened glass
LED Lamp	4Wx2
Standard Accessory	LED lamp, Active carbon filter, Blower, 4 meters PVC exhaust duct, Pipe strap
Optional Accessory	15W UV lamp, HEPA filter, Base stand
Noise	≤65dB
Internal Size (WxDxH)	640x550x700mm
External Size(WxDxH)	700x620x1150mm
Package Size with Base Stand(WxDxH)	840x960x1400mm
Package Size without Base Stand(WxDxH)	840x760x1400mm
Gross Weight with Base Stand	115kg
Gross Weight without Base Stand	100kg
Consumption	200 W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz



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