



Fumehoods

Valuable necessity in research labs and industries where toxic chemicals are handled very frequently

General Type:

Fume hoods are often the primary control device when using flammable and toxic chemicals in the laboratory. It is vital that lab personnel understand how chemical hoods work so they can use them properly and avoid exposure to hazardous chemicals. Fume Hood has been designed to meet the needs of this specific application. They are used for general purpose but have a marked valuable necessity in research labs and industries where toxic chemicals are handled.



Features:

- Excellent exterior finish with epoxy powder coat.
- Interior phenolic laminate is best for preventing chemical contamination.
- Flat and uniform design helps in cleaning table top easily.
- Clear glass window sash protects worker from hazards.
- Blower removes contaminated air preventing suffocation.

Specifications:

Model	LGT-01A	LGT-01B	LGT-01C	LGT-01D	LGT-01E
Dimensions	1200	1500	1800	1200	1500
(WxDxH) mm	x 800	x 800	x 800	x 800	x 800
	x 2400	x 2400	x 2400	x 2400	x 2400
Exterior	SS 41 Plate with powder coated			Trespa	
Interior	Trespa				
Work Top	Trespa			Ceraton	
Window	Safety clear glass (5t)				
Receptacle	220V				

Optional:

Work Top	Epoxy resin			Trespa	
Exterior	Trespa				
Blower	SUS/PVC				
Receptacle	110V				
Catalog No.	26280101	26280102	26280103	26280104	26280105

Air Curtain Type:

LACT Series of fume hoods are provided with air curtain to maintain the interior air conditioning efficiency to save energy. The hood applies a specially designed air curtain across the sash plane. It also prevents the entry of dust, harmful insects and fumes from outside. LACT Series of air curtain type fume hoods are capable of exhausting contaminant, thus preventing leakage and energy is saved.

Air Curtain Type:

Features:

- Air curtain minimize turbulence of air entering the hood so helps in flame experiments.
- Excellent exterior finish with epoxy powder coat.
- Interior phenolic laminate is best for preventing chemical contamination.
- Flat and uniform design helps in cleaning table top easily.
- Clear glass window sash protects worker from hazards.



Specifications:

Model	LACT-02A	LACT-02B	LACT-02C
Dimensions (WxDxH) mm	1200 x 800 x 2350	1500 x 800 x 2350	1800 x 800 x 2350
Exterior	SS 41 Plate with powder coated		
Interior	Trespa		
Work Top	Trespa		
Window	Safety clear glass (5t)		
Receptacle	220V		
Air Curtain Fan	60W		

Optional:

Work Top	Epoxy resin		
Spray Nozzle	Side : 2 ; Center : 1		
Blower	SUS / PVC		
Receptacle	110V		
Catalog No.	26280201	26280202	26280203

Auxiliary Air Type:

LAAT Series has a main advantage of saving energy by reducing the amount of heat exhausted by the hood. While energy saving can be substantial, the unconditioned airflow can cause discomfort for those working near the hood, thus the amount of conditioned room air that is consumed is reduced. The auxiliary fume hood is a bypass hood with the addition of direct auxiliary air connection to provide unconditioned or partially conditioned outside makeup air. They are designed to save heating and cooling energy costs, they are also provided with additional ductwork, fans, and air tempering facilities.



Auxiliary Air Type:

Features:

- Air curtain minimize turbulence of air entering the hood so helps in flame experiments.
- Excellent exterior finish with epoxy powder coat.
- Interior phenolic laminate is best for preventing chemical contamination.
- Flat and uniform design helps in cleaning table top easily.
- Clear glass window sash protects worker from hazards.
- Blower removes contaminated air preventing suffocation.
- Suspension frame supports helps good arrangement of instrument.

Specifications:

Model	LAAT-03A	LAAT-03B	LAAT-03C
Dimensions (WxDxH) mm	1200 x 800 x 2350	1500 x 800 x 2350	1800 x 800 x 2350
Exterior	SS 41 Plate with epoxy powder coated		
Interior	Trespa		
Work Top	Trespa		
Window	Safety clear glass (5t)		
Receptacle	220V		

Optional:

Work Top	Epoxy resin		
Exterior	Trespa		
Spray Nozzle	Side : 2 ; Center : 1		
Blower	SUS / PVC		
Receptacle	110V		
Catalog No.	26280301	26280302	26280303



Explosion Proof Type:

Walk-in type LEPT Series fume hoods are intended to provide a standard for selection, installation, usage and maintenance of the laboratory. The exposure control system is explosion-proof in the sense of having all potential ignition sources located outside the cabinet. However, if the vapors can escape from the freezer and sink to floor-level then the potential for fire or explosion continues to exist if the vapors come in contact with other sources of heat or flame which are inherent in most laboratories.

Explosion Proof Type:

Features:

- Strong and robust design to withstand shock.
- Excellent exterior finish with epoxy powder coat.
- Interior phenolic laminate is best for preventing chemical contamination.
- Flat and uniform design helps in cleaning table top easily.
- Clear glass window sash protects worker from hazards.
- Blower removes contaminated air preventing suffocation.
- Suspension frame supports helps good arrangement of instrument.

Specifications:

Model	LEPT-04A	LEPT-04B	LEPT-04C	LEPT-04D
Dimensions (WxDxH) mm	1200 x 800 x 2350	1500 x 800 x 2350	1800 x 800 x 2350	2400 x 800 x 2350
Catalog No.	26280401	26280402	26280403	26280404

Low Work-in Hood:

LLWH Series of fume hoods are reliable name as they are provided with sufficient area for a technician to work as well as place all the laboratory apparatus. They are specially used to handle flammable and toxic chemicals in the laboratory. It is of utmost importance for a lab personnel to understand how chemical hoods work so they can use them properly and avoid exposure to hazardous chemicals. They have been designed to meet the needs of this specific application. They have marked a valuable necessity in research labs and industries where toxic chemicals are used very



Features:

- Low work in hood accommodates laboratory apparatus suitably giving an increased working area.
- Standard or special size instruments are available to meet various applications.
- Excellent exterior finish with epoxy powder coat.
- Interior phenolic laminate is best for preventing chemical contamination.
- Flat and uniform design helps in cleaning table top easily.
- Clear glass window sash protects worker from hazards.

Specifications:

Model	LLWH-05A	LLWH-05B	LLWH-05C	LLWH-05D	LLWH-05E
Dimensions (WxDxH) mm	1800 x 1200 x 2700	2400 x 1200 x 2700	3600 x 1200 x 2700	5400 x 1200 x 2700	7200 x 1200 x 2700
Exterior	SS 41 Plate with epoxy powder coated				
Interior	Trespa				
Work Top	Trespa				
Window	Safety clear glass (5t)				
Spray Nozzle	Side : 2 ; Center : 1				
Blower	SUS / PVC				
Receptacle	110V				
Receptacle	220V				
Catalog No.	26280501	26280502	26280503	26280504	26280505

Walk-in Hood:

LWH Series fume hoods can be placed directly on the floor. It is characterized by a very tall and deep chamber that can accommodate large pieces of equipment.

LWH Series have been designed with horizontal doors. They can also be designed with vertical doors if demanded.



Features:

- Excellent exterior finish with powder coat.
- Flat and uniform design helps in cleaning table top easily.
- Clear glass window sash protects worker from hazards.
- Blower removes contaminated air preventing suffocation.
- Interior phenolic laminate is best for preventing chemical contamination.
- The Walk-in Hood is designed to accommodate extensive apparatus set up.

Specifications:

Model	LWH-06A	LWH-06B	LWH-06C	LWH-06D	LWH-06E
Dimensions (WxDxH) mm	1800 x 1200 x 2700	2400 x 1200 x 2700	3600 x 1200 x 2700	5400 x 1200 x 2700	7200 x 1200 x 2700
Exterior	SS 41 Plate with powder coated				
Interior	Trespa				
Window	Safety clear glass (5t)				
Receptacle	220V				

Optional:

Spray Nozzle	Side : 2 ; Center : 1				
Blower	SUS / PVC				
Receptacle	110V				
Catalog No.	26280601	26280602	26280603	26280604	26280605

Table-top Hood-center Table, Side Table:



LTHC Series fume hoods are available with either a center table or a side table. Both models are constructed of lightweight chemical resistant fiberglass. They are the best option for fume absorption with a non-ducted enclosure. It is easily moveable and lightweight fume hood.

LTHC Series are well equipped with a work surface

Side Table



Center Table

Features:

- Excellent exterior finish with epoxy powder coat.
- Flat and uniform design helps in cleaning table top easily.
- Clear glass window sash protects worker from hazards.
- Blower removes contaminated air preventing suffocation.
- Multiple drawers for safe storage.
- Interior phenolic laminate is best for preventing chemical contamination.
- Double large size ideal for all type of work requiring large experimental

Specifications:

Center Table

Model	LTHC-07A	LTHC-07B	LTHC-07C	LTHC-07D	LTHC-07E
Dimensions (WxDxH) mm	1800 x 1500 x 1600	2400 x 1500 x 1600	3000 x 1500 x 1600	3600 x 1500 x 1600	4200 x 1500 x 1600
Exterior	SS 41 Plate 1.2t epoxy (powder coated)				
Interior	Trespa				
Window & Sash	Safety clear glass 5t & Ar sash				
Catalog No.	26280701	26280702	26280703	26280704	26280705

Side Table

Model	LTHC-07F	LTHC-07G	LTHC-07H	LTHC-07I
Dimensions (WxDxH) mm	1200 x 750 x 1600	1500 x 750 x 1600	1800 x 750 x 1600	2400 x 750 x 1600
Exterior	SS 41 Plate 1.2t epoxy (powder coated)			
Interior	Trespa			
Window & Sash	Safety clear glass 5t & Ar sash			
Catalog No.	26280706	26280707	26280708	26280709

Fumehoods



Labnics Equipment

43040 Christy St., Fremont, CA 94538 USA,

Toll Free : (877) 620 9992

Tel. : (925) 271 4322

Fax : (925) 886 0400

Email : info@labnics.com Website : www.labnics.com