

Chemical Fume Hoods

Fume Hood Purchase Guide

A Variety of fume hood options available to suit your needs.

High performance fume hoods ensure chemicals are contained and exhausted, keeping users safe.

Select a material



Steel



Aluminum

Select a series



All-in-One



Upper Type



Walk-in



Tabletop



Variety

- Wide range of fume hood types allow you to select the product that best suits your unique needs and situation.



Efficiency

- By-pass lower enhances exhaust efficiency by optimizing air inflow



Safety

- Corrosion-resistant utilities for safety and longevity
- Baffle plate structure boosts effectiveness
- Sliding sash for convenience

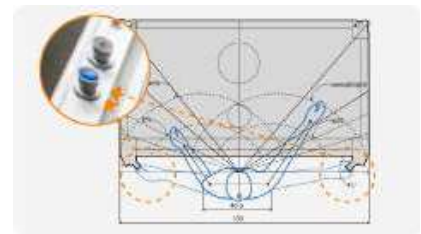
Features of GT SCIEN's Aluminum Profile Fume Hood



Durable and beautiful aluminum frame



Safe exhaust airflow design



Ergonomic design considering user convenience



Durable, chemical-resistant materials



Convenient height-adjustable sliding door



Electric outlet with protective cover

Ducted Fume Hood

Fume Hood Line up

Aluminum Profile Fume Hood - All-in-One

[Upper-Type]

The All-in-One Aluminum Profile Fume Hood is our general fume hood solution suitable for applications requiring the safe containment and removal of toxic gases, vapors, and fumes. Cabinets underneath the hood can be used for equipment storage.

Aluminum Profile Fume Hood - Upper Type

The same toxic gas containment and removal as our All-in-One, minus the under cabinet.



[All-in-One]



Optional

- Anemometer
- Fan
- Available for nonstandard custom order

Category	Aluminum Profile Fume Hood (All-in-One/Upper-Type)					
All-in-One	GAHP-G112	GAHP-G115	GAHP-G118	GAHP-G121	GAHP-G124	
Upper Type	GAHP-G012	GAHP-G015	GAHP-G018	GAHP-G021	GAHP-G024	
Size (WxDxH, mm)	Exterior	1200x800x2350	1500x800x2350	1800x800x2350	2100x800x2350	2400x800x2350
	Interior	1000x600x1030	1300x600x1030	1500x600x1030	1800x600x1030	2100x600x1030
Valve	Gas	1	1	1	1	1
	Water	1	1	1	2	2
	Air	1	1	1	1	1
Electric outlet	4	4	4	4	4	
Cup sink	1	1	1	2	2	
Lamp (30W)	1	1	1	2	2	
Internal materials	Phenolic laminate 4T					
Exhaust vent	200ø / 250ø / 300ø					
Voltage, Frequency	100~240V, 50/60Hz					

Features

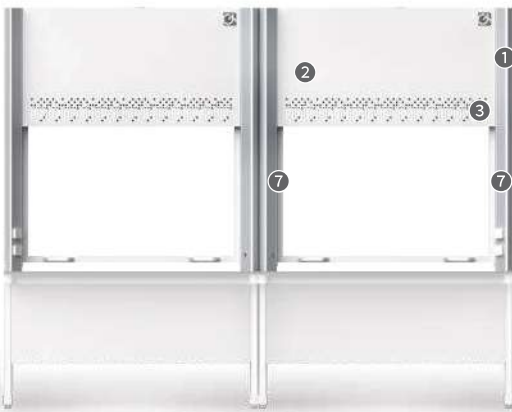
- ① Reinforced supports for enhanced durability
- ② LED lamp
- ③ By-pass louver
- ④ 5T tempered glass sliding
- ⑤ Fan button
- ⑥ Lamp button
- ⑦ Valve
- ⑧ Stopcock
- ⑨ Baffle Plate
- ⑩ Safe electric outlet
- ⑪ 30mm ceramite/phenolic laminate worktop
- ⑫ Anti-vortex bump (SUS 1T)
- ⑬ Detachable wide lower cabinet

Aluminum Profile Fume Hood - Tabletop

Built to be installed on top of center or side-type laboratory tables. For center-type laboratory table installations, the inside of the hood is visible through the side windows.

[Central Type]

[Side Type]



Features

- ① Reinforcement supports inserted to enhance durability
- ② LED lamp
- ③ By-pass louver
- ④ 5T tempered glass sliding door
- ⑤ Fan button
- ⑥ Lamp button
- ⑦ 5T tempered glass on both sides
- ⑧ Safe electric outlet

※ Identical functions and features for both Central Type and Side Type

Category	Aluminum Profile Table Top fume hood				
	Center Type			Side Type	
Model	GAHP-C024	GAHP-C030	GAHP-C036	GAHP-S015	GAHP-S018
Size (W x D x H, mm)	2400 x 1500 x 1550	3000 x 1500 x 1550	3600 x 1500 x 1550	1500 x 750 x 1550	1800 x 750 x 1550
Electric outlet	8	8	8	4	4
Lamp (30W)	4	4	4	1	1
Internal materials	Phenolic laminate 4T				
Exhaust vent	200ø / 250ø / 300ø				
Voltage, Frequency	100~240V, 50/60Hz				



Optional

- Anemometer
- Fan



Tip Why Tabletop Fume Hoods?

Most countries have regulations requiring that any experiments that generate toxic gases as a byproduct must be conducted within a fume hood. Table Top fume hoods allow experiments to be conducted safely on existing laboratory furniture without having to purchase full-size fume hood systems.

Aluminum Profile Fume Hood – Walk-in

Safely handle fumes and odors while working with large-size equipment, and isolate work from cross contamination.

Category		Aluminum Profile Fume Hood (Walk-in)			
Walk-in		GAHP-W115	GAHP-W118	GAHP-W121	GAHP-W124
Size (WxDxH, mm)	Exterior	1500 x 800 x 2350	1800 x 800 x 2350	2100 x 800 x 2350	2400 x 800 x 2350
	Interior	1300 x 600 x 1800	1600 x 600 x 1800	1900 x 600 x 1800	2100 x 600 x 1800
Valve	Gas	1	1	1	1
	Water	2	2	2	2
	Air	1	1	1	1
Electrical Outlets		4	4	4	4
Lamp (30W)		1	1	2	2
Internal materials		Phenolic laminate 4T			
Exhaust vent		200Ø / 250 Ø / 300 Ø			
Voltage, Frequency		100~240V, 50/60Hz			

Features

- ① Reinforcement supports inserted to enhance durability
- ② LED lamp
- ③ By-pass louver
- ④ 5T tempered glass sliding door
- ⑤ Fan button
- ⑥ Lamp button
- ⑦ Valve
- ⑧ Baffle plate
- ⑨ Stopcock
- ⑩ Safe electric outlet
- ⑪ Door stopper
- ⑫ Shockproof stopper

Optional

- Anemometer
- Fan
- Available for nonstandard custom-made



Steel Fume Hood

Extremely strong and durable. Designed to safely contain and remove toxic gases

Category		Steel Fume hood				
Steel Type		GFHP-1200	GFHP-1500	GFHP-1800	GFHP-2100	GFHP-2400
Size (WxDxH, mm)	Exterior	1200 x 800 x 2350	1500 x 800 x 2350	1800 x 800 x 2350	2100 x 800 x 2350	2400 x 800 x 2350
	Interior	1000 x 630 x 1030	1300 x 630 x 1030	1600 x 630 x 1030	1900 x 630 x 1030	2200 x 630 x 1030
Valve	Gas	1	1	1	2	2
	Water	1	1	1	2	2
	Air	1	1	1	2	2
Cup sink		1	1	1	2	2
Lamp (30W)		1	1	1	2	2
Electrical Outlets		220V 2ea			220V 4ea	
External materials		Steel (steel plate 1.2T) Pakmel powder coating				
Internal materials		4T phenolic laminate				
Door		5T tempered glass (upper/lower sliding door)				
Lower frame		50 mm x 50 mm x 1.4T square pipe				
Door sill		SUS 1T				
Exhaust vent		200 Ø / 250 Ø / 300 Ø				
Distribution box		300 x 400mm distribution box (220V circuit breaker : 1ea)				

Features

- ① LED lamp
- ② External materials: Steel Pakmel powder coating
- ③ Internal materials: Phenolic laminate
- ④ Tempered glass sliding door
- ⑤ By-pass louver
- ⑥ Stopcocks (Gas/Water/Air)
- ⑦ Baffle Plate
- ⑧ Worktop: Ceramite/Phenolic laminate
- ⑨ Electric outlet 220V
- ⑩ Operating Valve (Gas/Water/Air)
- ⑪ Steel square pipe for lower frame
- ⑫ Wide lower cabinet

Optional

- Anemometer
- Fan

