

ANTECH



LamiFlow Series

Vertical Laminar Flow Cabinet

A choice of safety,
intelligence and value for routine applications

LamiFlow

The LamiFlow series laminar flow cabinets offer safety, intelligence and value to users. The cabinet is energy efficient and provides excellent product protection from contamination.



Performance

- Advanced ECM blower, energy efficient and lower noise
- Constant Air Volume (CAV) and Constant Pressure Apheresis System (CPAS) technology for automatic airflow compensation
- H14 HEPA filter creates ISO Class 5 cleanliness workspace



Intelligent

- Touch screen displays real-time velocity, pressure, temperature, humidity
- Dual UV-timer & UV lamp working time display
- HEPA filter working time display & filter life indicator alert



Ergonomic design

- Glass side walls creating all-round vision
- 5° sloped front for ergonomics
- SUS304 working tray for easy cleaning
- Lockable casters for convenient moving



Flexibility for lab space

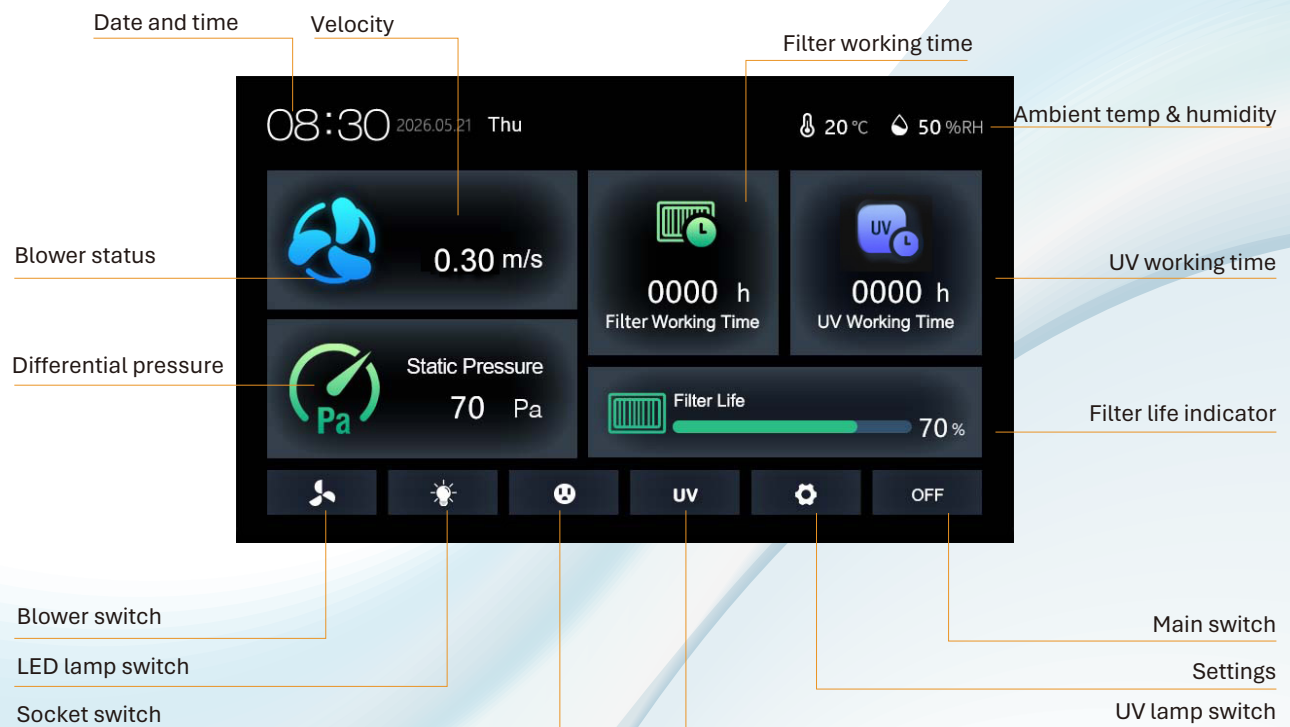
LamiFlow cabinet can be put on lab desktop, providing flexibility for lab space.





WiseFlow operating system

- Touch screen, real-time display of temperature, humidity, UV lamp & filter working hours
- Intelligent constant airflow control system
- Visible and audible alarm
- Timing function for unit and UV lamp
- Password protection prevents unauthorized access



Select optional accessories for your application

Accessory	Description	Cat. No.
User Convenience Equipment	IV bag holder kit with 10 hooks	3134300
Sidewall Utilities	Vacuum valve	3132200
	Water valve	3132300

Technical specifications

Model		LF-V3	LF-V4	LF-V5	LF-V6
Airflow	Airflow pattern	Vertical	Vertical	Vertical	Vertical
	Velocity	Adjustable from 0.25m/s-0.40m/s			
Dimensions & weight	Nominal size	3 feet	4 feet	5 feet	6 feet
	External with support stand (W x D x H)	mm 1100×720×1780	1400×720×1780	1700×720×1780	1900×720×1780
	External without support stand (W x D x H)	mm 1100×720×1095	1400×720×1095	1700×720×1095	1900×720×1095
	Internal (W x D x H)	mm 1000×620×600	1300×620×600	1600×620×600	1800×620×600
	Usable working area	m ² 0.62	0.81	0.99	1.12
	Working height of sash	mm 190~330	190~330	190~330	190~330
	Maximum opening height of sash	mm 520	520	520	520
	Net weight	kg 125	175	185	205
Control	Display & control	4.3" Touch Screen			
	Ambient temperature display	●	●	●	●
	Ambient humidity display	●	●	●	●
	UV lamp working time display	●	●	●	●
	Filter working time display	●	●	●	●
	Filter life indicator	●	●	●	●
	Smart constant airflow	●	●	●	●
	Cabinet ON/OFF timer	●	●	●	●
	UV timer	●	●	●	●
	Password protection	●	●	●	●
	RS485 port	●	●	●	●
Alarm	Alarm type	Visible and audible alarm			
	Velocity abnormal	●	●	●	●
	Sash too height/low	●	●	●	●
	Filter life alert	●	●	●	●
Electric	Power supply	220V, 50Hz; 220V, 60Hz; 110V 60Hz			
	Rated power	W 120	230	230	230
	Rated current (W/O socket)	A 1	2	2	3
	LED lamp	W 12×1	14×1	14×1	18×1
	UV lamp	W 20×1	30×1	30×1	40×1
	Receptacle	2, 6A max. Total power: 1320W at 220V, 660W at 110V			
Cleanliness	Filter	H14, ≥99.995% @0.3μm			
	Pre-filter	Washable Pre-filter			
	Cleanliness grade	ISO class 5			
	Concentration of descending bacteria	≤ 0.5cfu/0.5h (φ90mm Petri dish)			
Light & Noise	Illumination	lx 800	700	700	700
	Noise *	dB(A) 55	55	55	58
Material	Blower	DC ECM blower			
	Working tray	1.5 mm thickness SUS 304			
	Side walls	6mm glass Anti-UV exporue			
	Main body	Spraying coated steel			
	Front sash glass	Tempered glass, UV-proof, 6mm			
	Stand	Spraying coated steel, detachable			
	Castors, lockable	4	4	4	4
Shipping	Packing size, plywood case (W x D x H)	mm 1210 x 820 x 1970	1510 x 820 x 1970	1810 x 820 x 1970	1910 x 820 x 1970
	Gross weight, plywood case	kg 190	220	250	270

* Noise under velocity: 0.25 m/s

● Basic equipment ○ Optional



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