

Vertical Laminar Flow Cabinet



Vertical Laminar Flow Cabinet

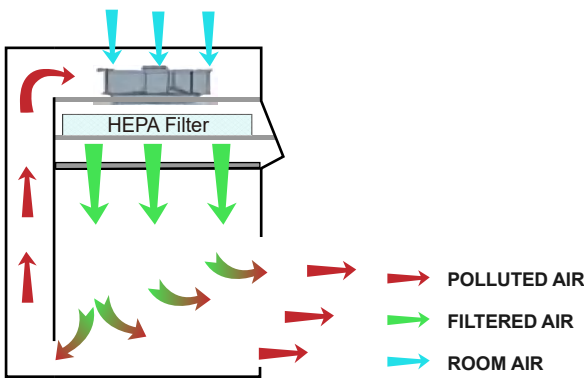


Vertical Laminar Flow Cabinet

Safety Performance

- UV sterilization function and its timing function can be set by appointment.
- With memory function in case of power failure.
- Audio and visual alarm (Abnormal airflow velocity, HEPA filter failure, UV lamp failure, Front window at unsafe height).
- Interlock function: UV lamp and front window; UV lamp and blower, LED lamp; blower and front window.

Airflow Pattern

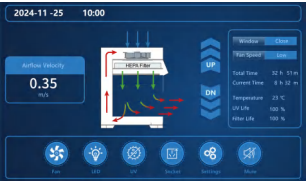


Advantage

- Standard with 7" Touch screen control and LCD display.
- Standard with Air Velocity Sensor, real-time monitoring and display air velocity and precise control.
- Standard with dual filters, the Pre-filter effectively increases the service life of the HEPA filter.
- Motorized front window, double protection from control limit and travel limit, ergonomic 10° tilt Angle, improve the operation comfort.
- Transparent side glass window design, which is convenient for multi-angle observation.
- Removable stainless steel working surface, easy to pull out, convenient for cleaning and disinfection.
- Safety login system: three-level authority, control, function setting, parameter setting and hierarchical menu entry can be performed.

Specification

Model		LCB-V800I	LCB-V1100I	LCB-V1300I	LCB-V1500I	LCB-V1800I
External Size (W×D×H)(mm)		800×750×1870	1100×750×1870	1300×750×1870	1500×750×1870	1800×750×1870
Internal Size (W×D×H)(mm)		700×660×560	1000×660×560	1200×660×560	1400×660×560	1700×660×560
Max Opening		300mm				
Work Surface Height		730mm				
Control System	Display	LCD touch screen				
	Alarm	Audio and visual alarm (Abnormal airflow velocity, HEPA filter failure, UV lamp failure, Front window at unsafe height)				
Airflow System	Airflow Velocity	0.3-0.5m/s, speed adjustable				
	Air Volume	794m³/h (467CFM)	1134m³/h (667CFM)	1361m³/h (801CFM)	1588m³/h (934CFM)	1928m³/h (1135CFM)
Air filtration System	Pre-Filter	1pcs, Polyester fiber, washable, Filtration efficiency: G3				
	HEPA Filter	1 pcs, Efficiency: > 99.995% at particle size of 0.3µm				
	Cleanliness Grade	ISO Class 5 (formerly Class 100)				
Cabinet Construction	Partial air circulation	Perforations at the back wall of the work zone which are designed to eliminate air turbulence and the possibility of dead air corners in the work zone.				
	Main Body	Electro-Galvanized steel with antimicrobial powder coating				
	Work Surface	304 Stainless Steel				
Electrical System	Front Window	Automatic Motorized door, tempered glass, Thickness: 5mm				
	Side window	5 mm UV resistant tempered glass				
	UV Lamp	8W×1	30W×1	30W×1	30W×1	40W×1
Electrical System	LED Lamp	10W×2	16W×2	24W×2	24W×2	60W×1+40W×1
	Max. Consumption	350W	360W	360W	360W	370W
	Power Supply	AC220V±10%, 50/60HZ; 110V±10%, 60Hz				
Illumination		>580Lux				
Sound Emission		<64dB(A)				
Standard Accessory		1. Air Velocity Sensor×1; 2. Pre-Filter×1; 3. HEPA Filter×1; 4. Waterproof Socket×2; 5. LED Lamp×1; 6. UV Lamp×1; 7. Base Stand.				
Optional Accessory		1. Foot Switch; 2. Gas Tap; 3. Differential Pressure Sensor; 4. ULPA Filter; 5. Manually Adjustable Base Stand; 6. Upgraded LED Lamp				
Gross Weight (kg)		190	220	250	280	330
Shipping Size (W×D×H)(mm)		950×1050×1620	1250×1050×1620	1450×1050×1620	1650×1050×1620	1950×1050×1620
Shipping Volume (m³)		1.7	2.2	2.4	2.9	3.4



7" LCD Touch Screen
(Real-time monitoring and display Front window status/Air velocity/Date/Time/Temperature/Filter and UV lamp life/System working status etc.)



Air Velocity Sensor (Standard)
(Precise control of downflow velocity, even if the filter resistance doubled, it also can maintain constant air velocity.)



Waterproof Socket (IP54)



Foot Switch(Optional)



Optional Upgrade LED Lamp



RG0 Without Blue Light



Anti-Glare Eye Protection



Ra98 High Color Rendering Index