Laminar Flow Cabinet, Horizontal type

RLIFT-LCB-H3F   RLIFT-LCB-H4F
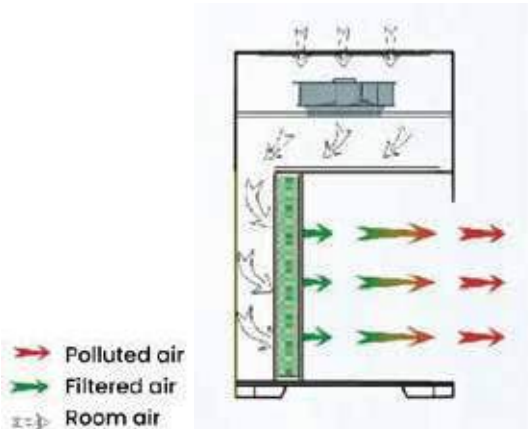**RLIFT-LCB-H5F   RLIFT-LCB-H6F**

CE FDA

Description

Horizontal Laminar Flow Cabinet provides a sterile work zone through a purified air that travels in a horizontal, unidirectional stream and leaves the main work chamber across the entire open front of the cabinet.

Applications

Plant tissue culture   Electronics inspection
Media plate preparation   Medical device assembly

Humanized Features

- Ergonomic Control Panel Location, centered and angled down for an easy reach & viewing.
- Brushed stainless steel work surface is for easy cleaning
- The non-direct light source design can effectively relieve the operator's visual fatigue under the condition of ensuring the illumination
- Intuitive and easy-to-use microprocessor controller with LCD display, graphical and digital display of the operating status of each function, such as filter life, UV life etc.

Convenience Features

- Memory function in case of power-failure.
- HEPA filter and UV life indicators facilitate a timely replacement plan
- Two side glass windows installed for easy experiment observation
- Easy-to-change pre-filter installed could extend the HEPA filter's lifetime
- Equipped with temperature sensor to show the real temperature during operation
- Waterproof socket provide convenience for small instruments to be used in the operating area

Safety Features

- Front sliding sash interlock with fan and UV lamp
- UV sterilization with UV lamp timing function
- Front sash and side windows are made of UV-resistant tempered glass
- The host and sockets have independent capacitors to prevent current overload
- Memory function in case of power-failure.

SAFETY

⟶ Polluted air
⟶ Filtered air
⟶ Room air

controller with LCD display   HEPA filter   Brushed stainless steel work surface   Waterproof socket   UV lamp

Specifications

Model		RLIFT-LCB-H3F	RLIFT-LCB-H4F	RLIFT-LCB-H5F	RLIFT-LCB-H6F
External Dimensions(W*D*H)(mm)		1050*805*1950	1320*805*1950	1625*805*1950	1930*805*1950
Internal Dimensions(W*D*H)(mm)		950*490*574	1220*490*574	1525*490*574	1830*490*574
Control System		Microprocessor controller with LCD display, graphical and digital display of the operating status of each function.			
Work Surface Height		750mm			
Airflow Velocity		Adjustable, 0.2~0.5 m/s			
HEPA Filter	Efficiency	> 99.995% at particle size at 0.3 μm			
	Dimensions(W*D*H)(mm)	930*500*70	1190*500*70	1505*500*70	905*500*70
	Quantity	1pc			2pcs
Pre-Filter	Material	made of washable polyester fiber			
	Dimensions(W*D*H)(mm)	500*425*2	800*425*2	800*425*2	800*425*2
	Quantity	1pc			
Sound Emission		≤62dB(A)			
Fluorescent Lamp		6.5W*1	9.6W*1	9.6W*1	6.5W*2
		LED type, Intensity ≥900Lx			
UV Lamp		20W*1	30W*1	30W*1	18W*2
		With timing function, Interlock with front sliding sash. Emission of 253.7 nanometers for best sterilization effect.			
Power Consumption		165W	305W	405W	510W
		The power consumption does not include external device connected via power socket			
Cabinet Construction		Main Body: Electro-galvanized steel with antimicrobial powder coating			
		Work Zone: Stainless steel, grade 304			
		Manual Sliding Sash: 5 mm UV resistant tempered glass with counter-balance system and ergonomic handle			
		Side Windows: 5 mm UV resistant tempered glass			
Electricity		AC220V ±10%, 50/60Hz,1P			
Standard Accessories		Base stand*1;			
		LED lamp*1(only 2 for LCB-V6F);			
		UV lamp*1(only 2 for LCB-V6F);			
		Waterproof socket*2;			
		Foma casters*4			
Optional Accessories		Wind speed sensor; Gas tap;Water tap;			
		Casters with brakes; Hook and hook bar			
Shipping Weight (kg)		220	260	300	340
Shipping Dimensions (W*D*H) (mm)		1190*1010*1425	1460*1010*1425	1765*1010*1425	2070*1010*1425
Shipping Volume (m3)		1.7	2.3	2.55	3

Laminar Flow Cabinet, Vertical type

RLIFT-LCB-V3F   RLIFT-LCB-V4F   RLIFT-LCB-V5F   RLIFT-LCB-V6F

CE FDA

Description

Vertical Laminar Flow Cabinet provides sample protection as purified air travels across the working zone of the cabinet in a vertical, unidirectional stream and leaves the main work chamber across the entire open front of the cabinet.
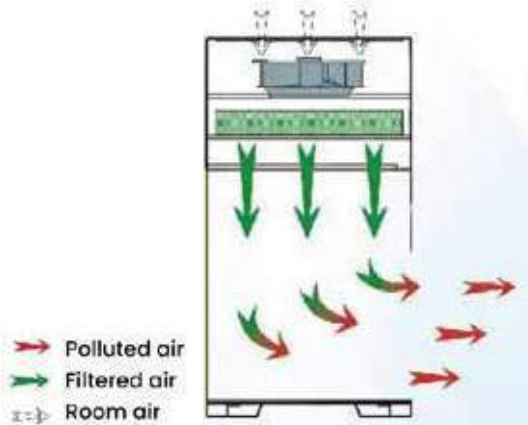
Most vertical laminar flow cabinets also have perforations at the back wall of the work zone which are designed to eliminate air turbulence and the possibility of dead air corners in the work zone.

Applications

Microbiology (non-pathogenic)

Forensics

Sterile product compounding

Humanized Features

● Ergonomic Control Panel Location, centered and angled down for an easy reach & viewing

● Brushed stainless steel work surface is for easy cleaning

● The non-direct light source design can effectively relieve the operator's visual fatigue under the condition of ensuring the illumination

● Intuitive and easy-to-use microprocessor controller with LCD display, graphical and digital display of the operating status of each function, such as filter life, UV life etc.

Convenience Features

● Memory function in case of power-failure

● HEPA filter and UV life indicators facilitate a timely replacement plan

● Two side glass windows installed for easy experiment observation

● Easy-to-change pre-filter installed could extend the HEPA filter's lifetime

● Equipped with temperature sensor to show the real temperature during operation

● Waterproof socket provide convenience for small instruments to be used in the operating area

Safety Features

● Front sliding sash interlock with fan and UV lamp

● UV sterilization with UV lamp timing function

● Front sash and side windows are made of UV-resistant tempered glass

● The host and sockets have independent capacitors to prevent current overload

● Memory function in case of power-failure.

SAFETY

Polluted air
Filtered air
Room air

controller with LCD display | HEPA filter | Brushed stainless steel work surface | Waterproof socket | UV lamp

Specifications

Model		RLIFT-LCB-V3F	RLIFT-LCB-V4F	RLIFT- LCB-V5F	RLIFT- LCB-V6F
External Dimensions(W*D*H)(mm)		1050*710*1850	1320*710*1850	1625*710*1850	1930*710*1850
Internal Dimensions(W*D*H)(mm)		950*615*625	1220*615*625	1525*615*625	1830*615*625
Control System		Microprocessor controller with LCD display, graphical and digital display of the operating status of each function.			
Work Surface Height		750mm			
Airflow Velocity		Adjustable, 0.2~0.5 m/s			
HEPA Filter	Efficiency	> 99.995% at particle size of 0.3 μm			
	Dimensions(W*D*H)(mm)	895*470*70	1190*470*70	1505*470*70	895*470*70
	Quantity	1pc			2pcs
Pre-Filter	Material	made of washable polyester fiber			
	Dimensions(W*D*H)(mm)	500*425*2	800*425*2	800*425*2	1000*425*2
	Quantity	1pc			
Sound Emission		≤62dB(A)			
Fluorescent Lamp		6.5W*1	9.6W*1	9.6W*1	6.5W*2
		LED Type, Intensity ≥900Lx			
UV Lamp		20W*1	30W*1	30W*1	20W*2
		With timing function, Interlock with front sliding sash. Emission of 253.7 nanometers for best sterilization effect.			
Power Consumption		155W	285W	285W	300W
		Doesn't include external device connected via power socket			
Cabinet Construction		Main Body: Electro-galvanized steel with antimicrobial Powder Coating			
		Work Zone: Stainless steel, grade 304			
		Manual Sliding Sash: 5 mm UV Resistant Tempered Glass with counter-balance system and ergonomic handle			
		Side Windows: 5 mm UV Resistant tempered glass			
Electricity		AC220V ±10%, 50/60Hz,1P			
Standard Accessories		Base stand*1;			
		LED lamp*1(only 2 for LCB-V6F);			
		UV lamp*1(only 2 for LCB-V6F);			
		Waterproof socket*2 (only 1 for LCB-V3F);			
		Foma casters*4			
Optional Accessories		Wind speed sensor; Gas tap;Water tap;Casters with brakes			
		Hook and hook bar			
Shipping Weight (kg)		225	255	285	330
Shipping Dimensions (W*D*H) (mm)		1190*990*1325	1460*990*1325	1765*990*1325	2070*990*1325
Shipping Volume (m3)		1.56	1.92	2.3	2.7