Vertical Laminar Flow Cabinets LVC-3100(110V)



Vertical Laminar Flow Cabinets LVC-3100 is a work bench or similar enclosure, which creates a particle-free working environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream.

The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

Provides sample protection. Laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments.

Technical Specification:

Model	LVC-3100
Internal Size （W*D*H） mm	630x375x615 mm
External Size (W*D*H) cm	680x410x1160 mm
HEPA Filter	99.999% efficiency at 0.3um
UV Lamp	15W*1
Fluorescent Lamp	14W*1
Display	LED Display
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating, Work Table: 304 stainless steel
Net Weight	50kg
Electrical Requirements	AC110V±10%, 60HZ
Catalogue No.	380250501
Consumption	160W

Technical Data:

Model	LVC-3100		LVC-3200		LVC-3300		LVC-3400	
Work Surface Height	/		660mm		750mm		750mm	
Display	LED Display							
Airflow Velocity	Average of 0.3~0.5m/s, air speed adjustable.							
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating							
	Work Table: 304 stainless steel							
Pre-filter	Polyester fiber, washable							
HEPA Filter	99.999% efficiency at 0.3um							
Noise	<60Db							
Front Window	/				Manual,5mm toughened glass, anti-UV			
Max Opening	/		490mm		350mm		350mm	
Fluorescent Lamp	14W*1		14W*1		21W*1		28W*1	
UV Lamp	15W*1		20W*1		18W*1		30W*1	
	Emission of 253.7 nanometers							
Consumption	160W		350W		350W		600W	
Caster	/				Universal wheel with leveling feet			
Power Supply	AC 220V±10%, 50/60 Hz; 110V±10%, 60HZ							
Standard Accessory	Fluorescent lamp, UV lamp*2 (for all models), Water & gas tap (for model LVC-1100), Base stand (except model LVC-1100)							
Gross Weight	50kg		116kg		150kg		174kg	
Packing Dimension	840x560x1380 mm		960x800x1800 mm		1190x890x1340 mm		1590x890x1330 mm	
External Dimension	680x410x1160 mm		802x650x1550 mm		1040x615x1770 mm		1440x615x1770 mm	
Internal Dimension	630x375x615 mm		800x600x540 mm		940x540x545 mm		1340x540x545 mm	
Electrical Requirement	110V	220V	110V	220V	110V	220V	110V	220V
Catalogue No.	380250501	380250502	380251001	380251002	380251501	380251502	380252001	380252002



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