



VERTICAL LAMINAR AIRFLOW

VERTICAL LAMINAR AIRFLOW LLFV-200 SERIES

Labocon Vertical Airflow LLFV-200 Series is designed to create a particle-free working environment and provide product protection. Air is taken through a filtration system and then exhausted across the work surface as part of the laminar flows process. It is suited for use with non-hazardous contaminants and creates a clean work environment over a wide range of applications.

Features

- ▶ Stainless Steel 304 table for operation
- ▶ Cold-rolled steel with anti-bacterial powder coating exterior
- ▶ 5mm toughened glass, anti-ultraviolet radiation manual front window (Motorized only for LLFV-206 and LLFV-207)
- ▶ Washable polyester fibre pre-filter
- ▶ Wind speed can be adjusted
- ▶ HEPA filter with 99.999% efficiency at 0.3 μm
- ▶ Microprocessor control system with LED display

Application

Labocon Vertical Airflow is widely used in microbiology, forensic, biotechnology and many other industries which utilize them during procedures that require clean work area.



Specification

Model	LLFV-201	LLFV-202	LLFV-203	LLFV-204
Chamber Material	Back and side walls: cold-rolled steel; Work table: Stainless Steel 304			
HEPA Filter	H14.99.999% efficiency at 0.3 μm			
HEPA FilterEfficiency	99.999% efficiency at 0.3 μm			
Average Air Flow Velocity	0.3 m/s ~ 0.5m/s			
Air Cleanliness	Class 100			
Vibration Half Peak	≤5μm			
Illumination	≥350 Lux			
Fluorescent Lamp	14W×1	21W×1	21W×1	28W×1
UV Lamp	20W×1	18W×1	18W×1	30W×1
Display	LED	LED	LED	LED
Control System	Microprocessor control			
Work Surface Height	660 mm	750 mm		
Front Window	5 mm toughened glass, anti-ultraviolet radiation			
Noise Level	≤63dB(A)	≤60dB(A)		
Max Opening	490 mm	350 mm		
Caster	Universal wheel with levelling feet			
Standard Accessory	Fluorescent Lamp×1, UV Lamp×2, Base Stand			
HEPA Dimension	720×430×50 mm	900×450×50 mm	900×450×50 mm	1300×450×50 mm
Inner Dimension	800×600×540 mm	940×540×545 mm	940×560×545 mm	1340×540×545 mm
Overall Dimension	802×650×1550 mm	1040×615×1770 mm	1040×660×1770 mm	1440×615×1770 mm
Weight NW/GW	86/116 kg	120/150 kg	120/150 kg	144/174 kg
Power	350W	350W	350W	600W
Power Supply	220 V, 50/60 Hz			
Catalog No.	9281109128	9281110128	9281111128	9281112128

Model	LLFV-205	LLFV-206	LLFV-207
Chamber Material	Back and side walls: cold-rolled steel; Work table: Stainless Steel 304		
HEPA Filter	H14.99.999% efficiency at 0.3 μ m		
HEPA Filter Efficiency	99.999% efficiency at 0.3 μ m		
Average Air Flow Velocity	0.3 m/s ~ 0.5m/s		
Air Cleanliness	Class 100		
Vibration Half Peak	$\leq 5\mu$ m		
Illumination	≥ 350 Lux		
Fluorescent Lamp	28W×1	36W×1	36W×1
UV Lamp	30W×1	40W×1	30W×1
Display	LED	LED	LED
Control System	Microprocessor control		
Work Surface Height	750 mm		
Front Window	5 mm toughened glass, anti-ultraviolet radiation		
Noise Level	≤ 60 dB(A)		
Max Opening	350 mm	430 mm	
Caster	Universal wheel with levelling feet		Reverse wheel with brake
Standard Accessory	Fluorescent Lamp, UV Lamp×2, Base Stand, Gas Tap, Waterproof socket×2		Light, UV, Base stand
HEPA Dimension	1300×450×50 mm	1223×570×69 mm	1690×570×69 mm
Inner Dimension	1340×560×545 mm	1200×645×610 mm	1700×645×610 mm
Overall Dimension	1440×660×1770 mm	1310×750×2040 mm	1800×750×2040 mm
Weight	144/174 kg	198/228 kg	276/306 kg
Power	600W	400W	450W
Power Supply	220 V, 50/60 Hz		
Catalog No.	9281113128	9281114128	9281115128



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