Laminar Flow Cabinet
Safe Working Environmental

Vertical Laminar Airflow LM-LAFV Series

LuxMed® Vertical Airflow LM-LAFV 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.

LuxMed® Air Flow Sensor
Registered Design No.: **374335-001**
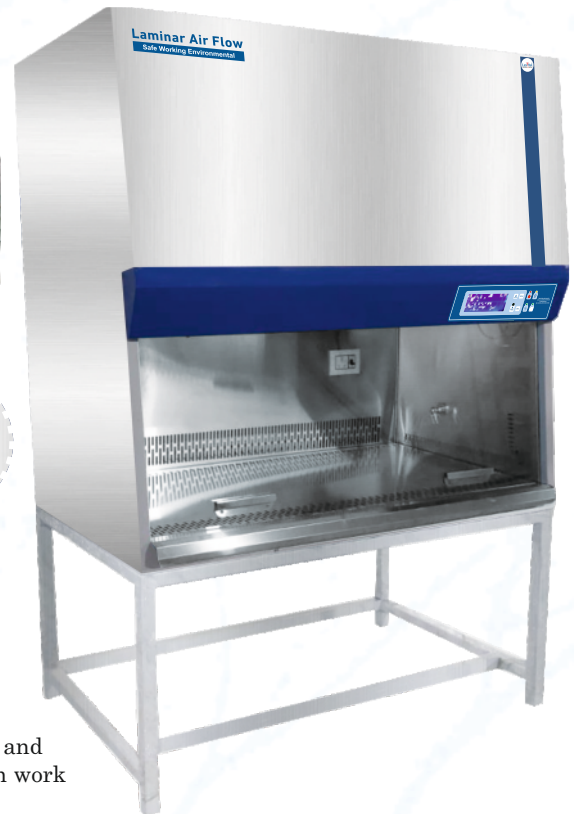
Ergonomic Display and Control

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 LM-LAFV-206 and LM-LAFV-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

LuxMed® 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	LM-LAFV-201	LM-LAFV-202	LM-LAFV-203	LM-LAFV-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 Filter Efficiency	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	$=5\mu$m			
Illumination	$=350$ Lux			
Lamp	14Wx1	21Wx1	21Wx1	28Wx1
UV Lamp	20Wx1	18Wx1	18Wx1	30Wx1
Display	LED	LED	LED	LED
Control System	Microprocessor Control			
Work Surface Height	660mm	750	750	750
Front Window	5 mm toughened glass, anti-ultraviolet radiation			
Noise Level	$=63$ dB(A)	$=60$dB(A)	$=60$dB(A)	$=60$dB(A)
Max Opening	490 mm	350mm	350mm	350mm
Caster	Universal wheel with levelling feet			
Standard Accessory	Fluorescent Lampxl, UV Lamp x2, Base Stand			
HEPA Dimension	720x430x50 mm	900x450x50 mm	900x450x50 mm	1300x450x50 mm
Inner Dimension (WxDxH)	800x600x540 mm	940x540x545 mm	940x560x545 mm	1340x540x545 mm
Overall Dimension (WxDxH)	802x650x1550 mm	1040x615x1770 mm	1040x660x1770 mm	1440x615x1770 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			