

Vertical Laminar Flow Cabinet LD-LVAC-F10

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Overview

Vertical Laminar Flow LD-LVAC-F10 is a clean-air workstation intended for controlled preparation and handling of pharmaceutical compounds. It provides a dedicated working enclosure in which filtered airflow helps reduce airborne particulate contamination around materials being processed. Its configuration is a positive-pressure design; this arrangement protects the product or sample in the work area and should not be treated as operator or environmental protection equipment.

Features:

- Vertical airflow arrangement with a specified working-zone velocity of 0.3–0.5 m/s
- HEPA filtration for control of airborne particulate matter
- Washable polyester-fibre pre-filter for preliminary filtration
- Cold-rolled steel main body with antibacterial powder-coated finish
- 304 stainless-steel work surface
- LED display for operating status indication
- UV disinfection lamp with emission at 253.7 nm
- Operating noise level of no more than 60 dB

Applications:

Suitable for pharmaceutical compounding and clean handling of non-hazardous preparations in hospital pharmacies, pharmaceutical laboratories and related preparation areas. The unit is intended for applications where the primary requirement is protection of the product or sample from airborne particulate contamination.

Specifications:

Display	LED display
UV lamp	15 W; wavelength 253.7 nm (confirm lamp quantity in supplied configuration)
Pre-filter	Washable polyester fibre
Main filter	HEPA filter
Noise level	?60 dB
Airflow type	Vertical, positive pressure
Front window	Manual, acrylic material
Gross weight	100 kg
Power supply	AC 220 V ±10%, 50/60 Hz; AC 110 V ±10%, 60 Hz
Airflow velocity	0.3–0.5 m/s

Power consumption	300 W
Main body material	Cold-rolled steel with antibacterial powder coating
Work table material	304 stainless steel
Optional accessories	Base stand
Standard accessories	HEPA filter, LED lamps and UV lamps x 2, Water Socket
Maximum front opening	660 mm
Package dimensions (W × D × H)	840 × 760 × 1280 mm
External dimensions (W × D × H)	700 × 620 × 1150 mm
Internal dimensions (W × D × H)	640 × 550 × 700 mm