

VERTICAL LAMINAR FLOW CABINET FOR ANIMAL CAGE EXCHANGE WITH DOUBLE-SIDED ACCESS

Model FLV-DS-1XXX

Introduction

- There are two front openings for easy operation, which can be operated by two people at the same time.
 - Both installation and replacement of high-efficiency filters are very easy to perform.
 - The cabinet is designed with an angled surface, which conforms to ergonomic principles and provides a wider field of view.
 - The work area features a positive-pressure enclosure design.
 - The work surface, constructed of 304 stainless steel, features a basin-shaped design; even if waste liquid overflows during the experiment, it will not flow into the liquid collection tank, which is easy to clean.
 - The integrated wheel and stand design can be secured and leveled by adjusting the wheel legs.
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- The cabinet and stand can be separated, and the height of the stand can be customized.
 - Maintenance and replacement of the safety cabinet's filter and fan can be performed from the front, making it more convenient for the technician.
 - Tempered safety glass.
 - 7-inch touchscreen, displaying airflow dynamics, downward flow velocity, inlet velocity, temperature, humidity, clock, supply resistance, and exhaust filters.
 - Power-off recovery function: key memory, fan, sunlight, and lighting with power-off memory function.

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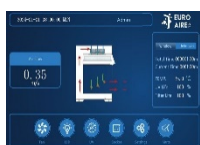
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VERTICAL LAMINAR FLOW CABINET FOR EXCHANGING ANIMAL CAGES WITH DOUBLE-SIDED ACCESS

Model FLV-DS-1XXX

- Screen lock function: Tap the screen lock button to lock the operation interface and disable other function keys simultaneously.
- Features a timer switch for the fan, UV light, and power outlet, as well as a timer shut-off function; saves work time.
- User password modification: the user can set the power-on password for the safety cabinet.
- Through the selection of high-quality fans and high-efficiency filters, and the reasonable design of the air duct structure, the air velocity of the biological safety cabinet must meet the requirements.

Details



Color touchscreen:
Touchscreen operation, real-time display of various values with enhanced clarity, and an appointment scheduling feature.



2 waterproof outlets, located on the side panels, for convenient use of small devices inside the cabin.



Iron hook support rod to secure the front panel.



Universal casters with brakes and leveling feet.



UV lamp Emits 254 nanometers for more efficient decontamination.

VERTICAL LAMINAR FLOW CABINET FOR THE EXCHANGE OF ANIMAL CAGES WITH DOUBLE-SIDED ACCESS

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Technical Specifications

MODELS	FLV-DS-1100	FLV-DS-1300	FLV-DS-1600
Work area (width, depth, height) mm	950*650*620	1220*650*620	1525*650*620
External dimensions including table mm	1090*755*1850	1360*755*1850	1665*755*1850
Shipping dimensions mm	1220 x 880 x 1395	1490*880*1395	1795*880*1395
Maximum front opening	450 mm		
Work surface height	750 mm Standard. Other heights available upon request		
Laminar flow	0.25 m/s - 0.50 m/s adjustable speed		
Main filter	1 x HEPA H14 absolute filter, 99.995% efficiency at mpps in accordance with EN 1822		
Pre-filter	1 x G3 pre-filter		
Recirculation	100% exhaust air		
Housing	Antibacterial epoxy-coated steel		
Front glass	2 x Manual, 5 mm tempered, UV-resistant		
Work Surface and Interior	AISI 304 stainless steel.		
Display	LCD touchscreen - real-time parameters		
Visual and audible alarm	Filter replacement, glass, airflow, filter pressure		
Noise level	≤ 65 dB		
Ultraviolet lamp	1 x 20 W	1 x 30 W	1 x 30 W
	254-nanometer emission for more effective decontamination, with service life indicator and UV timer		
LED lamp	6.5W x 1	9.6W x 1	9.6W x 1
Lighting	≥ 900 lux		
Max. power consumption without plugs	155 W	285 W	285 W
Internal sockets	2, total power consumption 500 W		
Power	AC 220 V ± 10%, 50/60 Hz (Standard); AC 110 V, 60 Hz (Optional)		
Weight (kg)	180	220	260
Standard accessories	Support table, 1 LED light, 1 UV light, 2 outlets.		
Optional Accessories	Speed sensor		

Ordering Information

Code	Description
440206-FLV-DS-1100	VERTICAL LAMINAR FLOW CABINET FOR ANIMAL CAGE EXCHANGE WITH DOUBLE-SIDED ACCESS MOD. FLV DS 1100
440206-FLV-DS-1300	VERTICAL LAMINAR FLOW CABINET FOR ANIMAL CAGE EXCHANGE WITH DOUBLE-SIDED ACCESS MOD. FLV DS 1300
440206-FLV-DS-1600	VERTICAL LAMINAR FLOW CABINET FOR ANIMAL CAGE EXCHANGE WITH DOUBLE-SIDED ACCESS MOD. FLV DS 1600

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