



FastFLOW V range Vertical Laminar Flow Cabinets

FlowFAST V Cabinets are ISO Class 3 vertical laminar flow cabinets which represent far more economical and valid alternatives to clean-rooms, as they are capable of providing uncontaminated, particle-free and sterile conditions for materials in the work-space.

They guarantee and maintain excellent product protection factors by offering a positive pressure particle-free working area by virtue of the pre-filter with a minimum efficiency of 80%-90% ASHRAE - and the HEPA filter with an efficiency better than 99,995 % MPPS (H14 - EN:1822).

Applications:

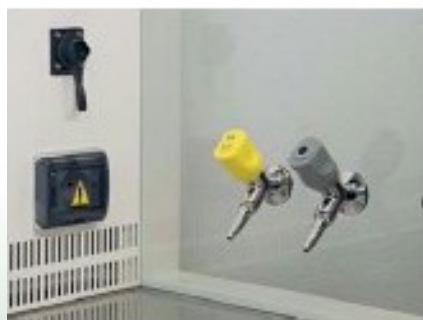
FlowFAST V LAF Cabinets have been widely adopted in many sectors of industry and in science laboratories for use when handling no-risk cell cultures or non-pathogenic biological specimens when the aim is to provide a high degree of protection factor to the samples and the products on the worktop.

FlowFAST V cabinets have applications in a wide range of disciplines, including:

- Quality control of pharmaceuticals and food industries
- Cell culture
- Sterile handling



Options:



Taps



UV light



Technical Specification

Construction : Structure of the FlowFAST V model vertical LAF cabinets is in epoxy powder coated cold-rolled steel for excellent corrosion resistance to the attack by aggressive common chemicals. Alternatively special models made in AISI 304L stainless steel for superior cleaning are also available on demand.

Work surface: Fixed AISI 304L stainless steel blind work surface in one piece.

Side walls: Transparent side walls in safety glass. Servicing holes are positioned on the right and left side glasses for taps installation (available as an option).

Absolute filter: HEPA filter, tested with D. O. P. aerosol. Their efficiency, higher than 99.999% at 0.3 micron particle size -0.001% penetration -ensures performance exceeding requirements of U. S. Federal Standard 209 e, British Standard 5295, VDI-2083 and AS 1386-1976.

Motor blower: direct coupled motor, electronic speed controlled to maintain a constant air flow of 0.45 m/sec, and compensate for a partially clogged filter up to a maximum plenum pressure of 40 mm of water.

Power Supply: 220 V, 50 Hz, single phase. Other voltages available on request.

Lighting: remote mounted fluorescent light, outside sterile area.

Front window: safety glass window with camlock. Useful snap hinges keep in open position the frontal tempered glass increasing the height of the frontal opening.

Additional Features: the work area is equipped with a manual gas tap and IP-44 electrical socket.

Dimensions:

Model	Useful Dimensions mm			Overall Dimensions mm			Power Kw	Exhausted Air m ³ /h
	W	H	D	W	H	D		
FF-V 12	1190	625	710	1332	780	1495	0.9	150
FF-V 15	1495	625	710	1637	780	1495	1.4	160
FF-V 18	1800	625	710	1942	780	1495	1.4	300

Front Aperture	Temperature rise	Noise level	Lighting	Vibrations
250 mm	< 3 °C	<60 dBA	>1000 lux	<0.004 mm RMS

