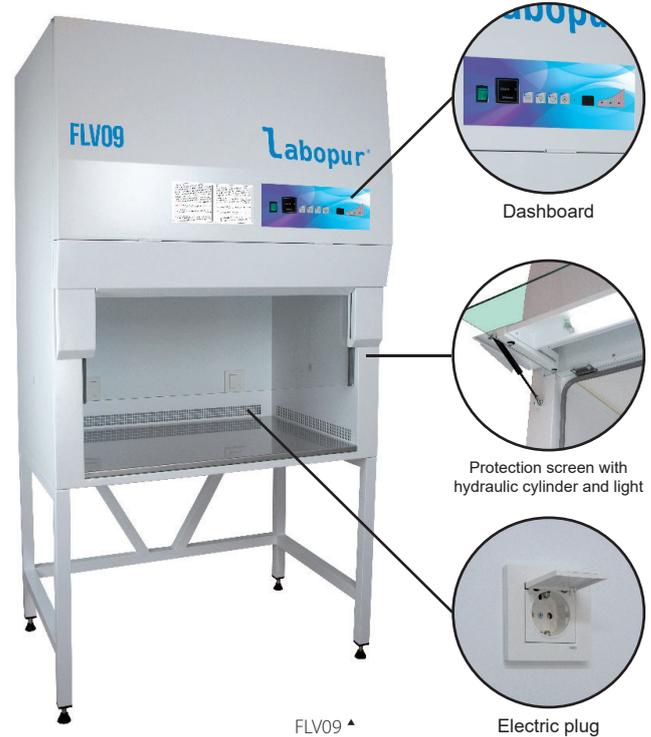
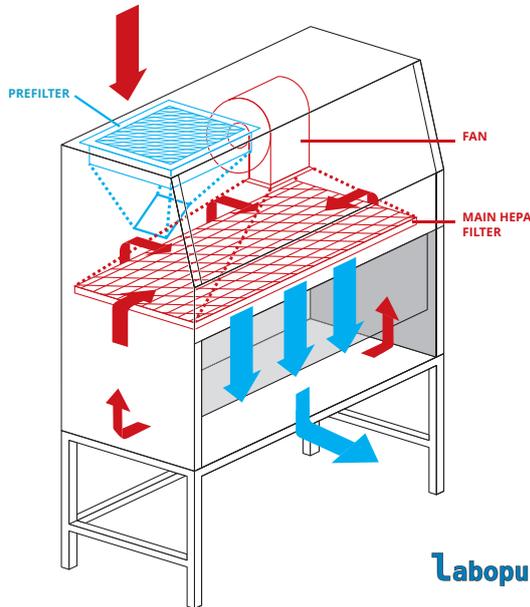


**RANGE HN****EN 61010-1 EN 61326-1 EN 61000-6-3**

# VERTICAL LAMINAR FLOW HOODS



FLV09 ▲

Electric plug

## INTRODUCTION

Providing first-class protection for the product, vertical laminar flow hoods are the instruments of choice when it comes to handling non-pathogenic biological samples, cell cultures and tissues, in the pharmaceutical, electronic, optical and food. The airflow is automatically maintained at 0.40 m / s.

## NORMS

- European Directive 2007/47 / EC relating to medical devices.
- European Directive 2006/95 / EC relating to electrical equipment.
- European Directive 93/98 / CE relating to CE marking.
- European Directive 92/31 / EC and 2004/108 / EC relating to electromagnetic compatibility.
- Standards EN 61010-1, EN 61326-1, EN 61000-6-3.

## ADVANTAGES

- Low noise fan and high intensity of light
- Smooth walls, rounded corners and no welds ; allowing easy cleaning and decontamination
- White walls for a glare-free brightness
- Easy replacement of filters
- For short periods between uses, the airflow can be set to medium speed, thus increasing the life of the filters and

reducing the time to reach the conditions of a clean room in only 3 to 4 minutes.

## TECHNICAL SPECIFICATIONS

- Microprocessor control system with digital display for airflow velocity
- G14 pre-filter with 85% efficiency for particles > 0.5µm and HEPA H14 filter with 99.999% efficiency for particles ≥ 0.3µm
- System of automatic compensation of the air flow, to avoid the clogging of the filters
- Audible and visual alarm in case of airflow defect
- Cold-rolled steel sheet hood and electrostatic powder
- Work-top one piece, 304 stainless steel
- 2 outlets (2.5 A)
- Low voltage integrated lighting and > 800 lux - 30W
- Noise level below 60 dB (A)
- Power supply: 230 V, 50 Hz
- Consumption: 760 Watts
- Engine flow: 2.150 m<sup>3</sup> / h
- 30% of the air is expelled from the HEPA exhaust filter and the remaining 70% of the HEPA filtered air is recycled through the slots on the sides and rear of the working chamber.

References	FLV09	FLV12
Outside dimensions (H x W x D) in mm	1345 x 1060 x 795	1345 x 1360 x 795
Inside dimensions (H x W x D) in mm	620 x 890 x 630	620 x 1195 x 630
Opening dimensions (H x L) in mm	200 x 888	200 x 1190
Work surface dimensions (L x P) in mm	885 x 630	1190 x 630
Shipping dimensions (H x W x D) in mm	1500 x 1150 x 850	1500 x 1450 x 850
Net weight (kg)	165	185
Raw weight (kg)	190	218

## OPTIONS

Replacement HEPA filter - Replacement pre-filter - Front wall with UV lamp (FLV09 : Length of 45 cm, power of 30W and wave length 254 nm - FLV12 : Length of 90 cm, power of 30W and wave length 254 nm) - Support table - Gas tap - Vacuum valve.