

# OPTIGEL



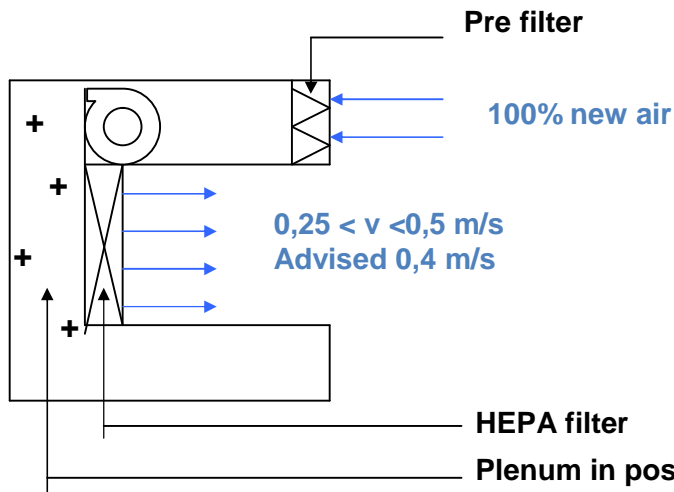
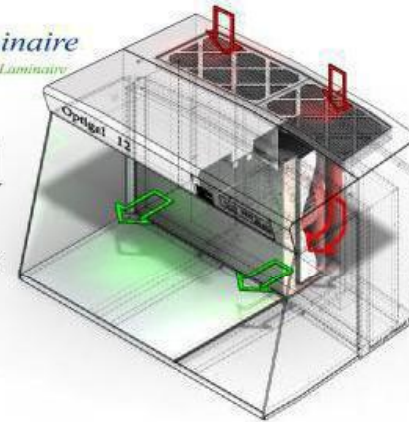
## HORIZONTAL LAMINAR FLOW :

It's an open system which protects the product thanks to an HEPA filter.



OptiGel  
(Type 12)

Schéma de principe



### Industries using the model:

- Electronic
- Optic
- Food industry
- Botanic

# OPTIGEL



## → PRODUCT PROTECTION

### **Optigel:**

Type: Horizontal laminar flow hood

Size: 4 and 6 foot (1200 and 1800 mm)

### **Advantages:**

ECM technology à Smart motor which auto control/ regulate the flow

DC motor à 40% to 50% less energy consuming than most of the AC motor

ADS Laminaire “Flower” control panel à Didactic use (very easy), Multilanguage, multi measuring unities (imperial or meters)

Hepa filter (FAN Filter Units integrate in the hood) à no leaks and easy maintenance, Plenum in negative pressure (security)

Stainless steel working area à easy maintenance and decontamination

Glass sides à comfort and luminosity

Bench top hood and small height à could be install in most of the labs

Competitive price for all the features



# OPTIGEL TECHNICAL DATA



	OPTIGEL 12 (4 ft)		OPTIGEL 18 (6 ft)	
	EU	USA	EU	USA
<b>Weight</b>	100 Kg	220 lbs	150 Kg	330 lbs
<b>Internal Length</b>	1212 mm	48"	1815 mm	71,5"
<b>External Length</b>	1243 mm	49"	1875 mm	74"
<b>Internal Depth</b>	540 mm	21"	540 mm	21"
<b>External Depth</b>	850 mm	33,5"	850 mm	33,5"
<b>Fan Type</b>	DF 280ECM	DF 280ECM	DF 280ECM X 2	DF 280ECM X 2
<b>HEPA Filter (supply)</b>	M4/9	M4/9	M4/12	M4/12
<b>Pre filter</b>	W12/20/2 x 2	W12/20/2 x 2	W12/20/2 x 3	W12/20/2 x 3
<b>Light</b>	900 mm / 30 W	900 mm / 30 W	1200 mm / 36 W	1200 mm / 36 W
	>750 LUX	>750 LUX	>750 LUX	>750 LUX
<b>Electrical connection</b>	220 V – 16 A	110V – 16 A	220V – 16 A	110V – 16 A
<b>Air flow velocity</b>	0,45 m/s	90 fpm	0,45 m/s	90 fpm
<b>Level of cleanliness</b>	ISO 5	Class 100	ISO 5	Class 10
<b>Noise level</b>	<60 dBA	<60 dBA	<60 dBA	<60 dBA