

# OPTIMUM

## HORIZONTAL LAMINAR FLOW STATION

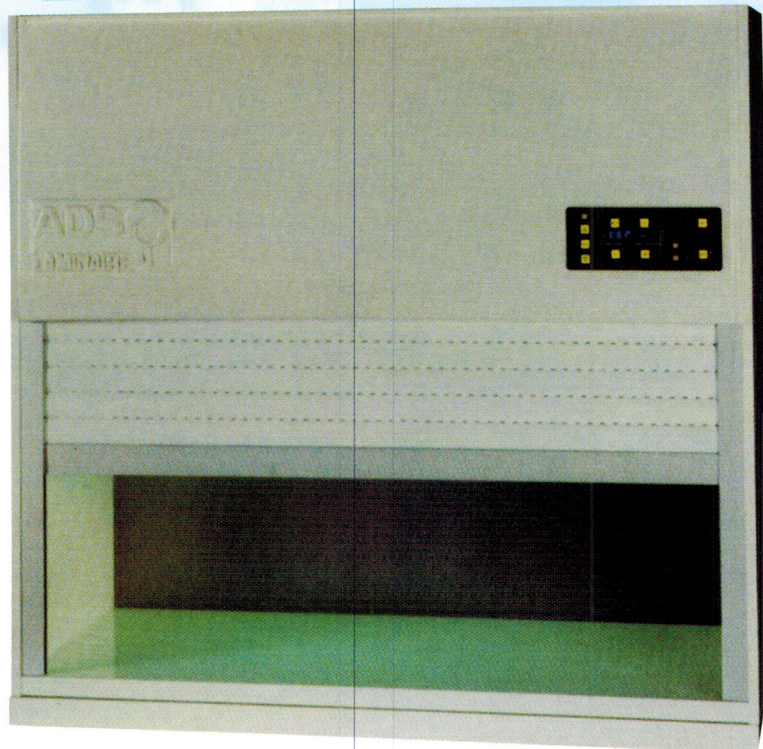
CLASS 10 FEDERAL STANDARD 209 E. CLASS ISO 4 ISO 14 644

### ■ FEATURES:

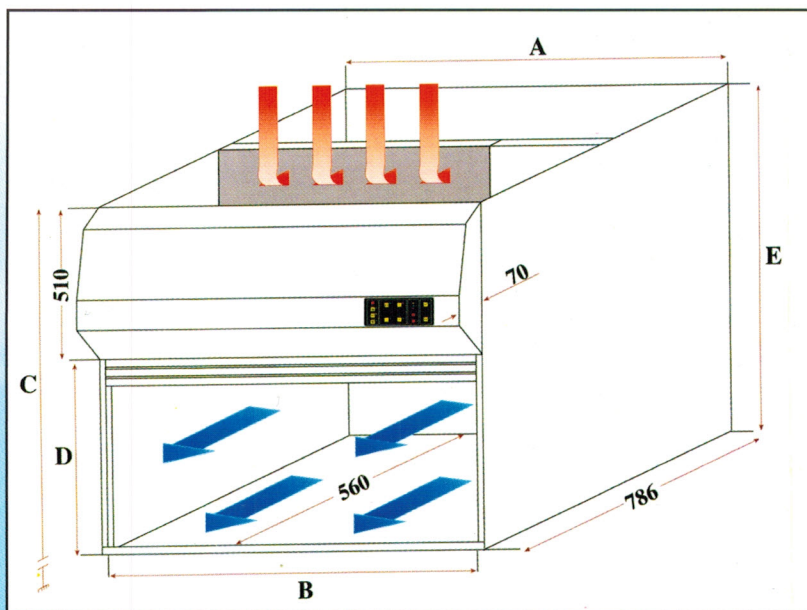
- COMPACT
- MONO BLOCK
- ESTHETIC
- STURDY
- ELECTRICAL SCREEN
- AUTOMATIC

### ■ APPLICATIONS

- ELECTRONIC
- FOOD INDUSTRY
- BIOTECHNOLOGY
- MEDICAL RESEARCH
- OPTICS



**OPTIMUM 121**



TYPE OPTIMUM	WIDTH			HEIGHT	
	Effective B	Overall A	Inside D	Overall C	Overall E
9	921	957	616	2059	1159
12	1226	1262			
16	1531	1567			
18	1836	1872			
91	921	957	768	2211	1311
121	1226	1262			
161	1531	1567			
181	1836	1872			
92	921	957	921	2364	1464
122	1226	1262			
162	1531	1567			
182	1836	1872			

**ADS**  
air dépoussiéré



**Laminaire**  
stérile laminaire

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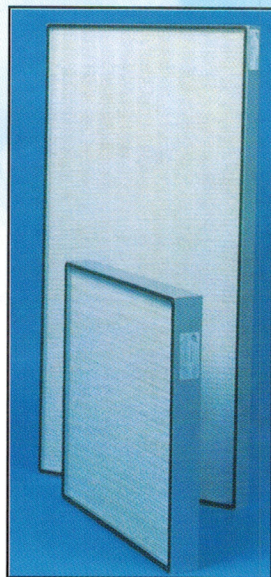


## ■ FUNCTION

This model offers the ultimate in product protection, with sterile air being blown outwards toward the operator, providing a sterile blanket of laminar airflow over the end product. A stand by velocity position is already set up.

## ■ AIR FLOW SYSTEM

Derived from the latest technological advances, ECM fans are characterised by a continuous flow of electrical current. This helps to ensure maximum efficiency, up to 80%, as opposed to only 40% for a standard fan. This high rate of ventilation consumes minimal electricity (between 30% and 40% of that consumed by a standard fan). Furthermore, the equipment generates very low noise levels.



## ■ FILTRATION

Optimum is equipped with absolute filter – HEPA type (efficiency 99.999% to 0.3µm). These absolute filters are manufactured with a rigid aluminium frame, fiberglass filter media and two protection grids in epoxy steel. Synthetic pre-filter. Efficiency 90 % gravimetric.

## ■ LIGHTING

White fluorescent tubes are installed outside the working enclosure (600 to 800 lux).

## ■ THE SCREEN

The electrically operated vertical screen can close off the hood whenever the unit is not being used.

## BENEFIT OF THE SCREEN

### • ISOLATION

the screen isolates the unit from the risk of contamination by laboratory cleaning personnel or other external elements.

### • SAFETY

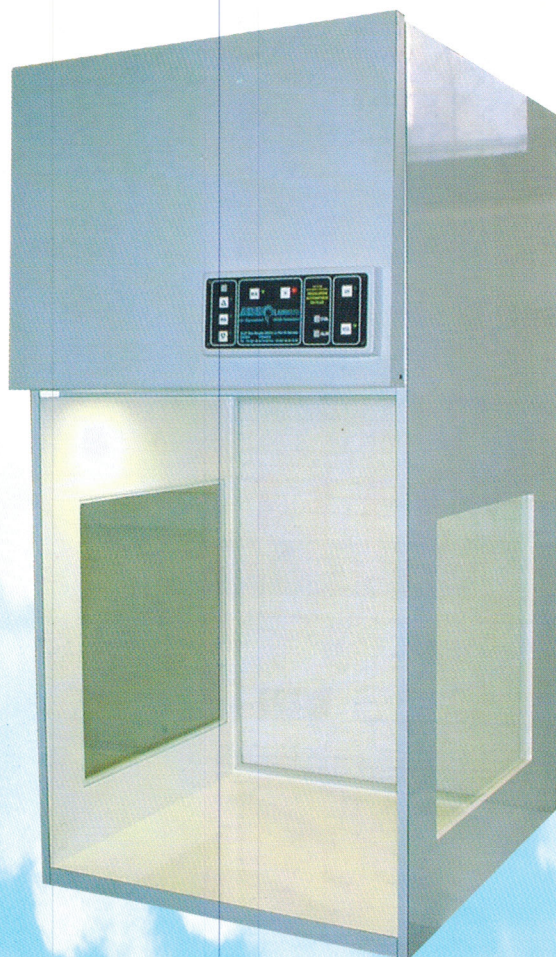
interrupted manipulations can be recommenced after a break of several hours or days with a perfect safety.

### • ECONOMY

lifetime of pre-filters and filters is extended and the electricity consumption reduced.

### • NOISE LEVEL

The noise level is considerably reduced when the screen is lowered and the fan is operating slowly.



Optimum 6

