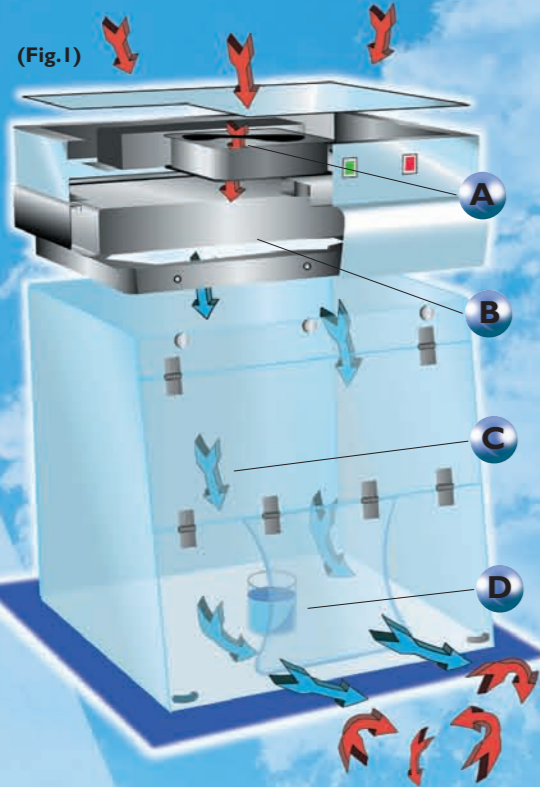


**Strong**  
Points



**HEPA H14 filtration:**  
*High Efficiency Particulate Air*

- A** The fan(A) draws the air out of the laboratory and is filtered by passing through an HEPA filter.
- B** The HEPA filter (B) provides a filtration efficiency of 99.995% for particles larger than 0.3 µm.
- C** The ultra-clean air entering the enclosure (C) is of ISO 5 quality (Standard EN ISO 14644) which corresponds to the American Class 100 (i.e. less than 100 particles larger than 0.5 microns per cubic foot) and to Classes A and B of the BPF guide edited by the European Union Pharmaceutical Industry.
- D** The product in the enclosure (D) is thus protected against any external contamination.

(Fig.1)



**Fan Failure Alarm**  
monitors the ventilation system.



**EFFICIENT SAMPLE PROTECTION**

The captair® flow hood allows the user to perform handlings in an ultra-clean, dust-free environment. The central shield makes it possible to increase handling protection against any contamination by the operator.

**ENGINEERED ERGONOMICS**

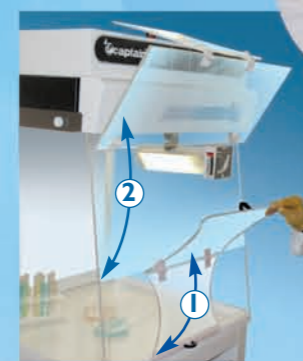
The captair® flow front shield is angled for a better visibility in the enclosure, provides the operator protection from the positive air flow stream generated by the ventilator and offers an optimum work position for additional comfort and safety.

The captair® flow compact size makes it possible to install it easily anywhere in your laboratory in addition to your existing equipment. Each side is made of transparent synthetic glass for optimum visibility within the work area.

**MOBILE / ECONOMICAL**

Compactly designed the captair® flow enclosure is completely mobile. Equipped with the optional rolling cart the enclosure may be moved to different areas depending on the needs of the operator. Does not involve extra installation costs.

- 1** Central protective shield against handling contaminations.
- 2** Door folds back completely to allow equipment and samples to be placed into the enclosure.



**Opening**  
for forearms access

**Air flow velometer**  
indicates air speed and filter saturation.

**Portholes**  
designed to introduce power cables.

**Standard work surface**  
designed with ergonomic rounded arm rests for optimum comfort.

**Optional equipment**



**Clear back panel**  
For better visibility in the enclosure or for demonstrations.



**Lighting**  
500 lux Fluorescent Lighting adjustable it can be placed on either side of the enclosure.



**MOBICAP™ Rolling Cart** Equipped with a retractable internal shelf (A) to free up knee space when using the rolling cart in a sitting position. (B).

**captair® flow technical specifications**

Dimensions	W	D	H
Internal:	608	565	560 mm
External:	645	600	830 mm
Type of filter	HEPA H14		
Volume of air treated:	175 m <sup>3</sup> /h		
Average face velocity:	0.50 m/s		
Internal volume of enclosure:	0.305 m <sup>3</sup>		
Air exchange:	9.6 times/minute		
Power consumption:	49 W		
Amperage:	0.31 A		
Voltage /frequency:	230/50 V/Hz		

**Applications:**

The captair® flow can be used for the following applications: non-pathogenic cell culture, in vitro culture, microbiology, electronics, optics, etc.

**Biology, botany, electronics, pharmaceutical, cosmetics laboratories, etc.**