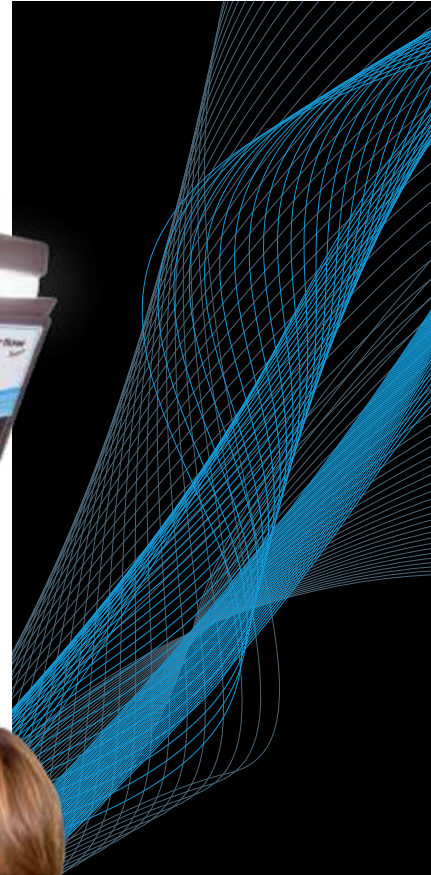




Captair Flow Smart

Mobile ductless filtering clean air enclosure

Providing an ultra-clean, dust free environment



Captair Flow Smart

Mobile ductless filtering clean air enclosure

SMART TECHNOLOGY

Simple, intuitive communication by light shows the status of the workstation

High efficiency particulate filtration

Air flow monitoring

Internal LED lighting

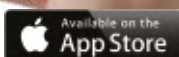
Ergonomic design

Easy to clean

Mobile or fixed benches



Download the eGuard App for remote control and monitoring



Life in the laboratory becomes simpler and safer

Protect sensitive samples against airborne pollution

With more than 50 years of experience, Captair Flow Smart clean-air enclosures feature HEPA H14 (or ULPA U16) filters that provide optimum protection against external particulate contamination and are designed to provide an ISO 14644-1:2015, Class 5* work environment.



Particulate free workstation

- Protection against external contamination
- Internal air quality achieved by high efficiency particulate filter(s) (HEPA H 14 / ULPA U16)
- Carbon filter (optional) to protect handlings from VOCs present in the laboratory atmosphere
- ISO Class 5* air quality in the enclosure according ISO 14644-1



Easy to clean

- Work surface is easy to clean
- Seamless worktop with smooth corners (available in TRESPA® TopLab PLUS or Stainless steel 304 L)
- Low porosity material

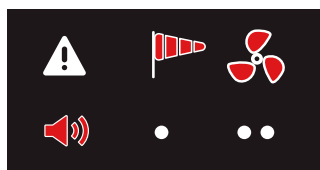


Ergonomic design

- 4 models available for your handlings with large openings for easy access to your work
- Slanted sash provides an ergonomic position for comfort and productivity
- High luminosity, internal LED lighting (daylight, light intensity > 800 lux)

Simpler to use

- SMART technology informs users about their protection using light and sound. Light and sound pulses provide real time information indicating that:



- Air face velocity is compromised: check sash, pre-filter or HEPA/ULPA filter
- Fan failure has occurred

- **The eGuard App** provides remote control to monitor the workstation, change the settings, and delivers safety alerts immediately to your mobile, tablet or PC device.

Safer to operate

- ULPA U16 filters guarantee 99.99995% filtration efficiency for particles larger than 0.1µm.
- HEPA H14 filters guarantee 99.995% filtration efficiency for particles larger than 0.1µm.
- Add a molecular filter for additional protection from fumes and vapors present in the laboratory air.
- Air quality in the enclosure complies with EN ISO 14644-1 (ISO Class 5).
- The anemometer monitors a drop in pressure indicating that pre-filter or filter replacement is required.

*With low dust level in the room

321

391

483

714



Model	321		391		483		714	
Safety standards	NF EN 61010 - CE Marking - EN 1822:1998 (HEPA H14 & ULPA U16 Filters) Air quality within the enclosure: ISO Class 5* EN 14644-1 standard							
External width (mm-in)	808 / 31.8		1013 / 39.9		1298 / 51.1		1819 / 71.6	
External depth (mm-in)	635 / 25		635 / 25		961 / 37.8		961 / 37.8	
External height min-max (mm-in)	1113-1215 / 43.8-47.8		1209-1311 / 47.6-51.6		1340-1436 / 52.8-56.5		1340-1436 / 52.8-56.5	
Internal width (mm-in)	765 / 30.1		969 / 38.1		1172 / 46.1		1697 / 66.8	
Internal depth min-max (mm-in)	422-585 / 16.6-23				647-715 / 25.4-28.1			
	1P	1C1P	1P	1C1P	1P	1C1P	1P	1C1P
Internal height (mm-in)	671 / 26.4		670 / 26.4		666 / 26.2		837 / 32.9	
Voltage / Frequency (V-Hz)	100-240 / 50-60							
Air flow (m³/h-CFM)	320 / 188		150 / 88		345 / 203		150 / 88	
Power consumption (Watts)	55		35		55		40	
Decibel level (dBA)	59		49		62		52	
Side and front panels	Chemical resistant acrylic							
Structure	Corrosion resistant electro-galvanized steel coated with anti-acid polymer							
Filtration module	Polypropylene							

Filtration

Model	321		391		483		714	
Particulate filter (1P)	HEPA H14 : This filtration technology traps particles larger than 0.1 µm with 99.995% efficiency according to the MPPS method set forth in the EN 1822-1 standard. ULPA U16 : This filtration technology traps particles larger than 0.1 µm with 99.99995% efficiency according to the MPPS method set forth in the EN 1822-1 standard.							
Carbon filter (optional) (1C)	Adding a carbon filter to your enclosure allows protection of your samples from VOCs. AS filter: For organic vapors							
Particulate Pre-filter	Protects particulate filters from dust contained in the laboratory environment (only for 1P version)							

Features

Model	321		391		483		714	
Worktop	Stainless steel 304 L / TRESPA® TopLab PLUS							
Internal lighting	LED - IP 44 - 6000K							
	800 lux		850 lux		950 lux		1000 lux	
eGuard app (Android or iOS)	Mobile app for real time remote control of Smart devices							
Connectivity	RJ45 cable connection to view and change workstation settings (cable included)							
Anemometer	Anemometer monitors a drop in pressure that indicates pre-filter or filter replacement is required							

Accessories

Model	321		391		483		714	
Benches	Rolling cart (Mobicap) or fixed bench (Benchcap)				Fixed bench (Benchcap)			
Molecode S	Automatic detection of VOC filter breakthrough							

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