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CaptairFlow

Laminar flow clean air enclosure

Providing an ultra-clean, ISO 5 environment

SAFETY

Vertical Laminar air flow stream for optimized interior cleanliness with H14 HEPA filters.

PERFORMANCE

H14 HEPA filters that meet EN1822 standards.

ADAPTABILIITY

Easily integrate a combination of HEPA and carbon filters for increased product protection.

SIMPLICITY

Delivered completely knocked down (CKD) for ease of installation in any setting. Sets up in minutes.

CONNECTIVITY

SMART technology for real-time performance ensuring peak operation and product protection.

FILTRATION TECHNOLOGY
erlab Above

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

High efficiency particulate filtration

Air flow monitoring

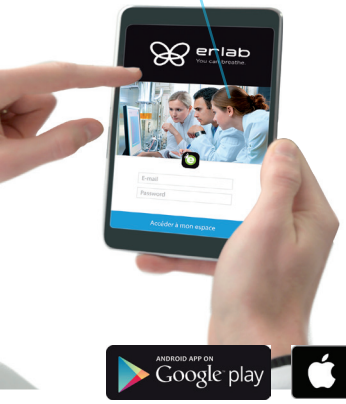
Internal LED lighting

Ergonomic design

Easy to clean

Mobile or fixed benches

Download the eGuard App for remote control and monitoring



ANDROID APP ON Google play
Available on the App Store

Life in the laboratory becomes simpler and safer

CaptairFlow

Mobile ductless filtering clean air enclosure
Erlab's innovative technology keeps you safe

With more than 50 years of experience, CaptairFlow 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

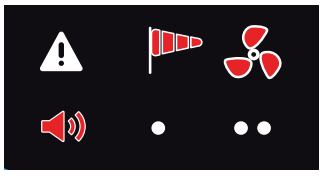
- Work surface is easy to clean
- Seamless worktop with smooth corners (available in TRESPA® TopLab PLUS or Stainless steel 304 L)
- Low porosity material

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 occured

- **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

Specifications

VWR Cat. #89523-260
Supplier #FLOW321

VWR Cat. #89523-262
Supplier #FLOW391

VWR Cat. #89523-264
Supplier #FLOW483

VWR Cat. #89523-266
Supplier #FLOW714

Model	#89523-260		#89523-262		#89523-264		#89523-266	
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 (in-mm)	**(31 5/8)** / 803		**(39 3/4)** / 1010		**(50 3/8)**/ 1280		**(71)** / 1803	
External depth (in-mm)	**(24 1/4)** / 616		**(24 1/4)**/ 616		**(29 1/2)** / 749		**(29 1/2)** / 749	
External height min-max (in-mm)	**(43 1/2 - 50 7/8)** / 1105-1292		**(43 5/8 - 50 5/8)** / 1105-1292		**(52 1/2 - 59 3/4)** / 1333-1518		**(52 1/2 - 59 3/4)** / 1333-1518	
Internal width (in-mm)	**(30 1/8)** / 765		**(38 1/8)** / 969		**(46 1/8)** / 1172		**(66 3/4)** / 1695	
Internal depth min-max (in-mm)	**(19 3/4 - 21 1/2)** / 502-546				**(25 1/2 - 25 3/4)** / 648-654			
	1P	**1C1P**	**1P**	**1C1P**	**1P**	**1C1P**	**1P**	**1C1P**
Internal height (in-mm)	**(32 5/8)** / 828		**(32 5/8)** / 828	**(26 3/16)** / 666	**(40 7/8)** / 1038	**(24 11/16)** / 628	**(40 7/8)** / 1038	**(23 13/16)** / 607
Voltage / Frequency (V-Hz)	100-240 / 50-60							
Air flow (m3/h-CFM)	320 / 188	150 / 88	345 / 203	150 / 88	770 / 453	530 / 311	1040 / 612	690 / 406
Power consumption (Watts)	55	35	55	40	95	90	105	110
Decibel level (dBA)	59	49	62	52	60	57	59	56
Side and front panels	Chemical resistant acrylic							
Structure	Corrosion resistant electro-galvanized steel coated with anti-acid polymer							
Filtration module	Polypropylene							

Filtration

Model	#89523-260	#89523-262	#89523-264	#89523-266
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	#89523-260	#89523-262	#89523-264	#89523-266
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	#89523-260	#89523-262	#89523-264	#89523-266
Benches	Rolling cart (Mobicap) or fixed bench (Benchcap)		Fixed bench (Benchcap)	
Molecode S	Automatic detection of VOC filter breakthrough			

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