Verlab

Experts in air filtration for the protection of laboratory personnel since 1968

Protection solutions against chemical risk into laboratories

Ductless Fume Hoods CaptairFlex

Applications

Dissolution, Distillation
Drying, TLC, Evaporation
Extraction, Filtration,
Microscopy, Mixture

Designed to protect users during applications emitting vapors and/or chemical particles, the Captair Flex line of ductless fume hoods offers a level of performance that ensures your safety while offering an environmentally friendly alternative to traditional ducted systems.

Benefits

- **Protection**

- Containment and filtration in accordance with the AFNOR NF X 15-211 filtration safety standard
- Case by case analysis of the application to certify the usage framework
- Automatic filter saturation alarm
- Class 1 product : a maximal safety with a safety molecular filter

- **Performance and Flexibility**

- The Flex Filtration Technology covers the major part of laboratory handlings and processes
- Select the filter that best suits your application
- The BE+ filter offers a high retention capacity of solvents, acids and bases

- **Investment and energy savings**

- Eliminates the energy consumption linked to the air renewal (air supply/extraction, filtration, dehumidification, conditioning)
- Very low running energy consumption: from 70W to 261W

- **Immediatly ready to use**

- No ducting to the building ventilation system is required
- No ductwork necessary, your unit is up and running in minutes
- Completely mobile and easy to relocate within your lab or to a new building

- **Environmentally conscientious**

- No direct emission of pollutants into the atmosphere

•ESP program
(Erlab Safety Program)

In order to ensure maximum safety and long term performances, Erlab laboratory applies exclusive methodology through the Erlab Safety Program, to guarantee the protection during the whole life time of the fume cupboard

- Precise identification of the need to offer the suitable protection solution
- Certification of the usage framework at each installation
- Follow up of the cabinet

INTEGRATED TECHNOLOGY **ABOVE**

•Flex Filtration Technology

The configurable design of the filtration column makes the Captair line of ductless fume hoods adaptable to the laboratory safety needs of most applications. The interchangeability of the filters allows the filtration column to be configured specifically for the applications carried out within the hood.

Distributed by

Technical specifications

Dimensions WxDxH (mm)

M 321 & Midcap M 321

Ext: 800 x 630 x 1160/1345
Int: 764 x 543 x 866

M 391

Ext: 1000 x 630 x 1160/1345
Int: 965 x 543 x 866

M 481

Ext: 1275 x 630 x 1160/1345
Int: 1240 x 543 x 866

XLS 392

Ext: 1000 x 800 x 1315/1495
Int: 965 x 695 x 1040

XLS 483

Ext: 1275 x 800 x 1315/1495
Int: 1173 x 695 x 1040

XLS 633

Ext: 1600 x 800 x 1315/1495
Int: 1566 x 695 x 1040

XLS 714

Ext: 1800 x 800 x 1315/1495
Int: 1765 x 695 x 1040

	M 321	M 391	M 481	XLS 392	XLS 483	XLS 633	XLS 714
Number of filtration columns/ fans	1			2	3		4
Types of filters	AS : For organic vapours / BE+ : For organic vapours + acid vapours / F : For formaldehyde vapours / K : For ammonia vapours / HEPA H14 & ULPA U17 : Filter for powders						
Processed air flow	220 m^3/h			440 m^3/h	660 m^3/h		880 m^3/h
Air velocity at the openings	0.4 to 0.6 m/s						
Voltage / Frequency	230 V / 50 Hz						
Power consumption	70 W			121 W	191 W		261 W
Type of opening	Two oblong openings			Totale		Trapezoidal	Total
Metallic parts	Anti-corrosion metallic alloy protected by a thermo-hardened anti-acid polymer coating						
Side and front panels	8 mm	6 mm thick acrylic (according NF P.92.507)					
Filtration module	Polypropylene, carbon						
Control panel	Equipment and safety alarms: Lightning, ventilation parameters, last filter replacement date, fan failure alarm, automatic detection of filter saturation (optional), maintenance parameters						
Internal lighting	Compact tubular fluorescent lighting - 18 Watts - 500 Lux - IP 67						
Sampling port	For manual filter saturation detection (N/A if Molecode S installed)						
Air flow meter	Permanent air face velocity monitoring system						
Chemical Listing	Information guide about over 700 chemicals tested in accordance with AFNOR NF X 15 211 standard						

Equipment & Options
- Automatic alarm to detect filter saturation by solvents (Molecode S)
- Rolling cart made of anti-corrosion metallic alloy
- Metallic fixed bench with possible integration of utilities upon request (taps, electrical sockets, sinks, etc.)
- Work surfaces: in tempered glass, in Trespa® Top Lab^{PLUS}, or in stainless steel 304 L
- Access door on rear panel
- Particular Pre-filter
- Transparent back panel
- Front Panel REVERSO

Erlab

Inventor of the ductless laboratory fume hood and worldwide leader since 1968, Erlab's passion is to focus on the research & development, design, and manufacturing of cutting-edge toxic gas air filtration in the laboratory.

As an innovator, Erlab is committed to safety, performance, energy efficiency and sustainability and has remained number one in the world for ductless fume hoods since 1968 with more than 100 000 units in operation.