

 **captair[®]chem**
Ductless Filtering Fume Hoods

New for 2009
Expanded use - Modular design



One product - Many solutions

The new ductless line from the worldwide leader in lab filtration technologies

A truly modular design, this new Captair[®] line provides:

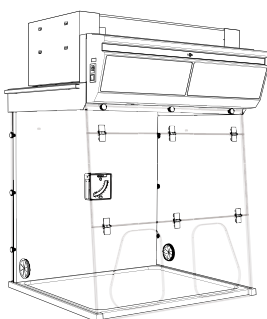
- **A flexible/adaptable solution:** A flexible design with a modular filtration column which can be adapted to all laboratory handlings and environments. A filtration technology allowing the use of liquids and solids individually or together with a single unit.
- **A cost cutting solution:** CaptairChem[®] ductless filtering fume hoods enable labs from all industries to achieve real energy savings with very low energy consumption. Very easy to install and relocate, this new line enables labs to reduce their carbon footprint, infrastructure, set up and running costs.
- **A safe solution:** A total compliance with the most stringent standard requirements linked to filtration and containment, coupled with the Erlab Safety Program, an exclusive long lasting service to guarantee a complete protection.
- **An environment-friendly solution:** Protect the environment without emitting toxic compounds into the atmosphere.
- **A proven solution:** Proven filtration technology resulting from 40 years of research in our laboratory, the industry's only R&D lab dedicated to filtration research.

A single product to protect the user, the environment and your budget.

Extreme adaptability

Enclosure dimensions

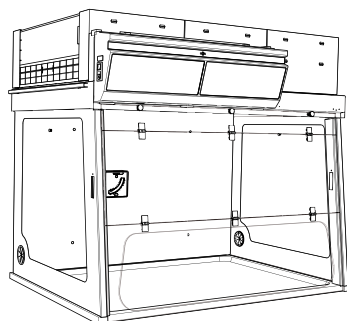
Captair[®]Chem Sd



ref	L	H	D
Sd 32	0,80	0,87	0,74
Sd 39	1,00	0,87	0,74
Sd 48	1,20	0,87	0,74
Sd 63	1,60	0,87	0,74


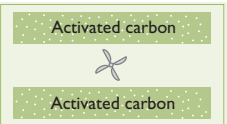
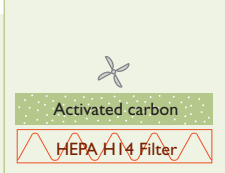
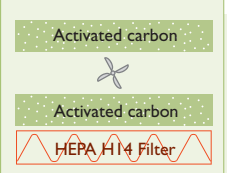
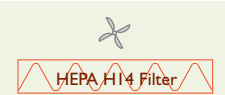
Captair[®]Chem XL

ref	L	H	D
XL 39	1,00	0,87	0,90
XL 48	1,20	0,87	0,90
XL 63	1,60	0,87	0,90
XL 71	1,80	0,87	0,90



Adaptable Modular Filtration Column

Type of handlings

	Class 2 (NF X 15-211)	Class 1 (NF X 15-211)
Liquids		
Liquids & solids		
Solids		Filtration columns can also be configured for cleanroom environment

Filtration column numbers

ref	1	2	3	4
Sd 32	X			
Sd 39	X			
Sd 48	X			
Sd 63	X			
XL 39	X	X		
XL 48	X	X	X	
XL 63		X	X	
XL 71		X	X	X

Build your own

esp[®] program
Erlab Safety Program

Essential for operator safety, our laboratory will assess the interactive behaviour of the molecules as well as the interactions with the filtration technology.

Based on this **scientific investigation**, your E.S.P. specialist will **recommend the most appropriate unit, define the adapted filtration column and the enclosure design and ensure a complete protection to the user.**

After installation, your E.S.P. specialist will provide you with **a constant monitoring of the unit regarding the handlings performed.**

Call your ESP specialist today and configure this unique solution to your requirements : +44 (0)1722 341 940



Filtration Technology

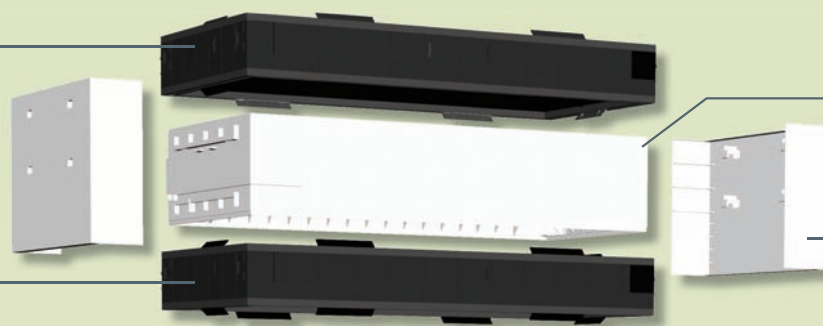
Adaptable Modular Filtration Column

Optional back up filter

Activated carbon filter
for solvents and/or acids/solvents

Fan module

Cover



Containment & Ergonomics

Ceiling

Control panel

Acrylic enclosure

Service port

Ergonomic openings

Work surface & Spill tray



Standards

All the Captair Filtering Fume Hoods have been tested according to the requirements of the following standards:

Filtration: AFNOR NF X 15-211: 2009 - Containment: ASHRAE 110: 1995



Worldwide specialist in lab filtration technologies since 1968.

U.K.

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