![erlab logo — You can breathe.]

Chemtrap SE

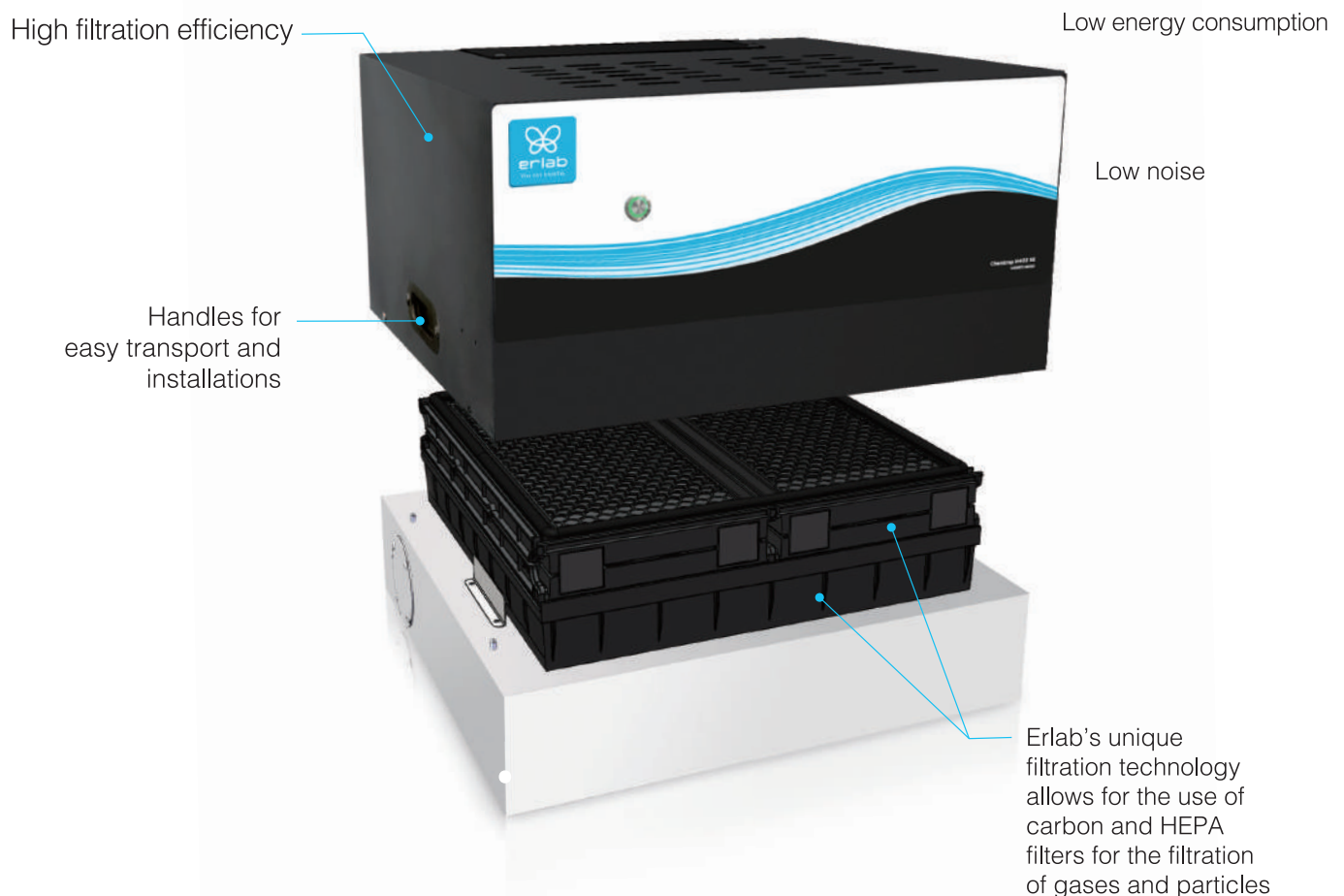FILTRATION BOXES
FOR FIRE-RESISTANT CABINETS

Protection from inhalation of noxious chemicals

COMPLIANT WITH
AFNOR
NF X15-211
FILTRATION STANDARDS*

* Compatible with fire proof and other storage cabinets
  Safety cabinet not provided

With the Chemtrap SE filtration system, you can avoid to duct out your chemicals storage cabinets, install them anywhere you want as it just needs an electrical socket to vent the cabinet 24 hours and filter 100% of the noxious chemicals from chemical containers placed inside. You will save an average of 1,700,000 m^3 of expensive aircon air per cabinet and per year if the cabinet was ducted out.

With the Chemtrap SE, the installation is quick, unlike the complicated ducted systems: just place it on the top of your cabinet, connect the stainless steel tube between the exhaust port of the cabinet and the inlet port of the Chemtrap, plug-in to an electrical socket and that's done!

High filtration efficiency

Low energy consumption

Low noise

Handles for easy transport and installations

Erlab's unique filtration technology allows for the use of carbon and HEPA filters for the filtration of gases and particles

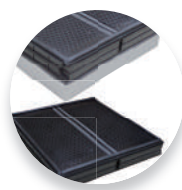Life in the laboratory becomes simpler and safer

Erlab's 50 years of expertise in research, design and manufacturing of filtering fume hoods and chemical storage cabinets guarantee superior filtration that will keep you protected from chemical inhalation.

Chemtrap SE filters the air from the internal chamber of a storage cabinet, captures toxic fumes right at the source and returns clean air back into the laboratory while contributing to a better and safer working environment. Designed as a standalone system with no need for ducting, it is equipped with an adjustable flexible air duct that allows for easy connection points to the storage cabinet, exhaust port of your chemical.

Filtration

As the world leader with 50 years of expertise in the filtration of chemicals, Erlab guarantees 100% filtration efficiency during all the lifetime of the filters!

2 filtration options

Carbon filter only for Chemical vapors, or carbon filter + HEPA for chemical vapors and powders.

Compatibility

Compatible with fireproof and other chemical storage cabinets

Connection pipe

Adjustable connection pipe ø 61mm (2$^{1/2}$ in.) between the Chemtrap Midcap and the storage cabinet.

Safer to operate

- The filtration system placed above the fire proof or chemical storage cabinet can be configured to filter gases, solvents, powders and particulates, keeping the user and the lab protected by safely and efficiently cleaning the air within the room free of any toxic hazardous vapors or odors.

Specifications

Model description	Chemtrap SE
External width (mm / in)	450
External depth (mm / in)	450
External height (mm / in)	335
Air flow (m³/h - CFM)	55 m³/h
Safety Standards	Filtration performances tested according to the AFNOR NF X 15-211:2009 standard : France EN 1822: 1998 (HEPA H14 & ULPA U17 Filters) - CE Marking
Voltage / Frequency (V/Hz)	100~240V / 50~60Hz
Power consumption (Watts)/ Max. amperage absorbed	10W / 0.4A
Connection pipe	Adjustable polypropylene connection pipe ø 61 mm (2$^{1/2}$ in.)

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Halo Sense
Lab Air Quality Sensor

Europe
erlab D.F.S S.A.S （**France**）
Parc d'Affaires des Portes
BP 403
27104 Val de Reuil Cedex - France
Tel.   : +33(0)2 32 09 55 80
Fax. : +33(0)2 32 09 55 90
E-Mail :Ventes@erlab.net

North America
erlab, Inc. （**USA**）
388 Newburyport Turnpike
Rowley, MA 01969 - USA
Tel.   : +1(978) 948-2216
Fax. : +1(978) 948-3354
E-Mail : CaptairSales@erlab. com

Asia, Middle East, Africa, South America
Kunshan erlab D.F.S Co.,Ltd

Tel. : +86 (0)512 5781 4085
Fax. : +86 (0)512 5781 4082
E-Mail : erlab-sales@erlab.net

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