erlab
You can breathe.

Product datasheet

CaptairStore 1634

Ductless filtering chemical storage cabinets

Safer to operate

- Exclusive Erlab filtration technology
- Filtration performances tested in accordance with AFNOR NF X 15 211
- Secured storage
- Filtration failure sensors for solvents, acids or formaldehyde
- Erlab Safety Program: be guided for the right choice of your secured storage solutions
- Connect with eGuard for real-time status, notifications and alerts

Simpler to use with Smart-Light™

With Smart-Light, you can easily see that the hood is operating safely.
Should the light pulse, you are notified that:

- Containment has been compromised or,
- The filter has breakthrough or,
- There is a fan failure

Flexibility

- 2 possible configurations:
  - Double doors and shelves
  - Pull-out doors with storage trays

Savings

- No ductwork needed
- Low annual energy cost
- Low replacement filter cost

Environment

- Pollutants filtered at the source

You get the highest level of filtration performance

Smart-Light keeps you safe

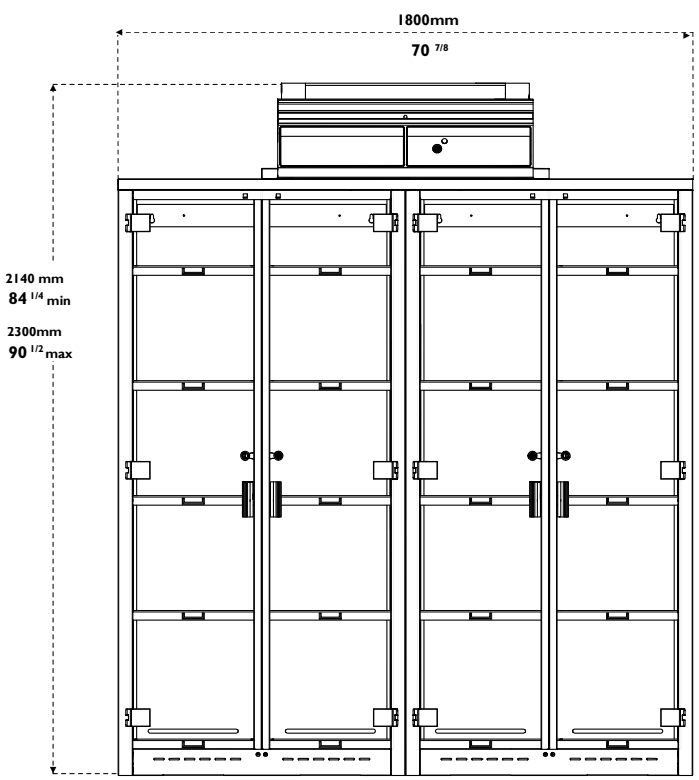
Connect your equipment and download the eGuard App for remote access

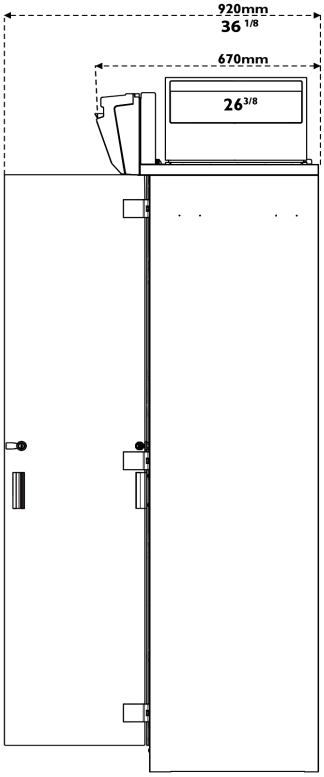
Dowload our eGuard application

Available on the App Store

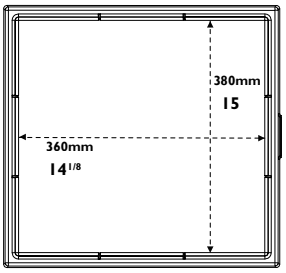
Google play

Option 1 – Swing doors with shelves

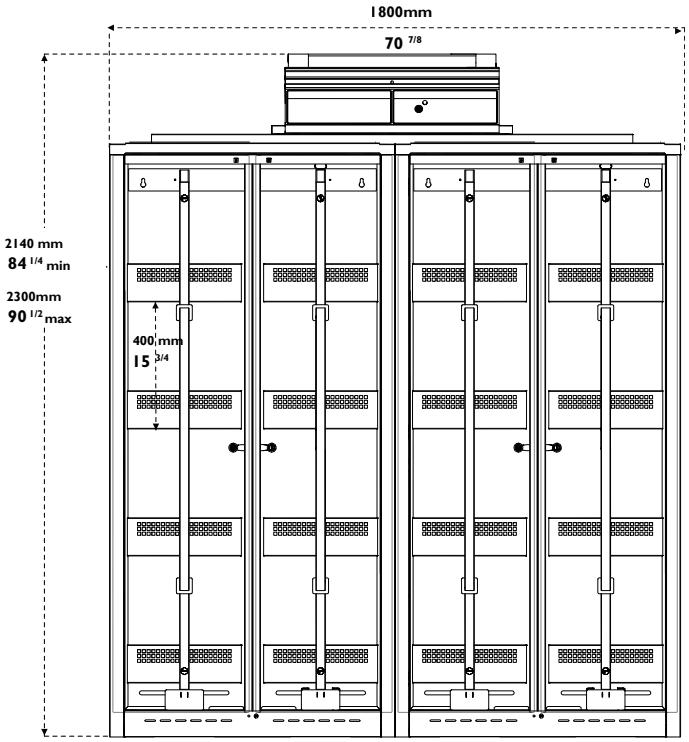


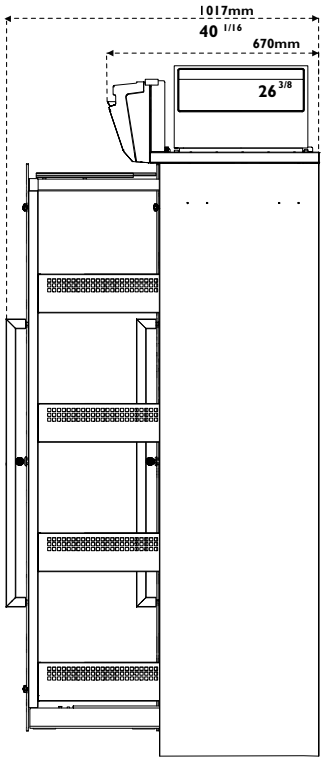


Shelf with built-in spill retention tray

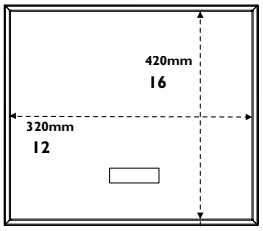


Option 2 – Pull-out doors with storage trays





Storage with built-in spill retention tray

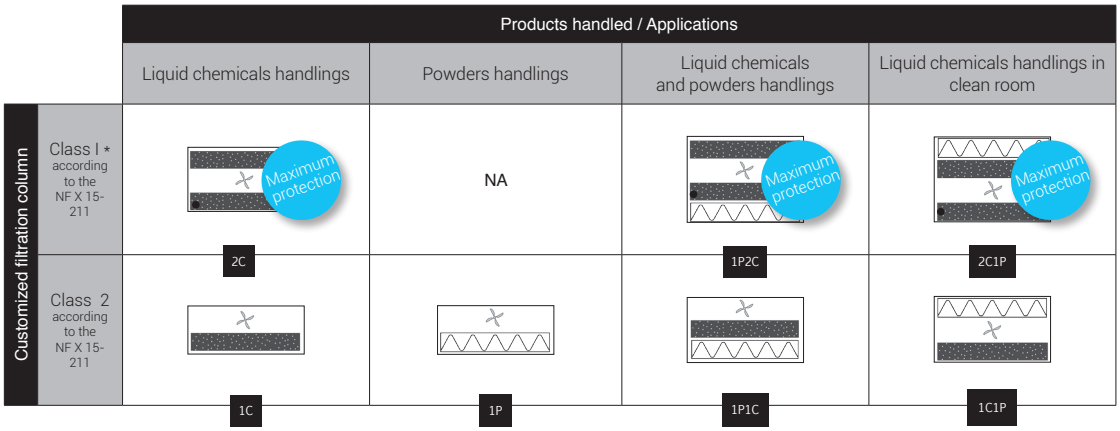


AirStore 1634

Ductless Filtering Chemical Storage Cabinets

FILTRATION TECHNOLOGY erlab Above

Designed with you in mind: our filtration column can be configured for your specific application requirements



C — **Carbon filtration for gases and vapours**

AS:For organic vapours
BE+:Polyvalent for acid + organic vapours
F:For formaldehyde vapours
K:For ammonia vapours

P — **Particulate filtration for powders**

HEPA H14:99.995 % efficiency filtration of particles over 0.1 µm in size

ULPA U17:99.999995 % efficiency filtration of particles over 0.1 µm in size

Ventilation

Molecode

Automatic alarm to detect a filtration fault

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
Air Flow	220 m3/h / 129 CFM
Voltage/Frequency	80 - 220 V / 50-60 Hz
Power consumption	45 W
Structure	Corrosion resistant electro-galvanized steel coated with anti-acid polymer
Doors	Clear, chemical resistant acrylic for easy viewing
Filtration Module	Polypropylene

Features

Smart-Light	When the light is pulsing: -Door(s) left open -Containment is compromised -Filter breakthrough
Filtration technology	1 column that can be configured to handle liquids, powders, or both
Carbon filtration for gases and vapors	Depending on the filtration column configuration (see above)
Particulate filtration for powders	Depending on the filtration column configuration (see above)
eGuard app (Android or iOS)	For remote control to monitor the status of the storage cabinet, change the settings, and deliver safety alerts immediately to your devices (mobile, tablet and PC)
Doors sensors	Alarm if doors are left open
Chemical Listing	List of most commonly used chemicals (NIOSH) and their retention capacity by our filters

Storage configurations

	Option 1 – Double doors with shelves	Option 2 – Pull-out doors with storage trays
Storage capacities	240 x 1L glass bottles	200 x 1L glass bottles
Storage compartments	4	4
Delivered with	20 adjustable shelves with integrated retention tray	16 fixed trays
Absorbing mats	4	16
Lock	Key lock	

Options

Molécode	Detection sensor for : Type S, for solvents / Type A, for acids / Type F, for formaldehydes

Erlab's state of the art Research & Development Laboratory relies exclusively on filtration

About Erlab

We provide safety, we protect your health

Erlab invented the ductless fume hood in 1968. With more than 50 years of experience in the field of chemical filtration and protection of laboratory personnel; we know the formula for safety. With Erlab, you will never have to wonder or worry if our products are safe. We build each one of the following 7 ingredients into our products, and without all of them, your health and safety will be compromised.

1 Erlab R&D Laboratory

The engineers and chemists in our state-of-the-art R&D laboratory understand molecular filtration. We are committed to designing products that are safe and of the highest quality, strive to improve our products, and continuously develop new products that provide greater protection in the laboratory.

2 Strict Safety Standards

We hold ourselves to the highest standard and adhere to the strict AFNOR NF X 15-211: 2009 filtration safety standard as cited by ANSI Z9.5-2012.

3 A Published Chemical Listing

It all begins here. Without this listing, we are not compliant with AFNOR NFX 15-211. Our in-house laboratory tests, as well as independent testing, to verify the retention capacity of over 700 chemicals for our filters.

4 Independent Testing

Erlab filters have been independently tested multiple times at various concentrations guaranteeing that our safety solutions all adhere to the strict performance criteria of the AFNOR NF X 15-211:2009 standard assuring that the emission concentration at the filter exhaust will always be lower than 1% of the TLV.

5 Application Questionnaire (Valiquest)

Our laboratory specialists will recommend the appropriate filtration fume hood, type of filter, and personalized advice.

6 Certificate of Validation for the chemicals used in the hood

A certified PhD chemist issues a Certificate of Validation with a list of the chemicals approved for use in the hood.

7 Our Safety Program

We back up our products 100%. This program includes your specialized chemical evaluation, validation of your hood upon installation, and a filtration safety specialist at your service to ensure that your hood is operating to its full potential.

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