

# **Captair 1634 Smart**

Ductless filtering chemical storage cabinets

# **Instructions & User's Manual**

Pull-out doors with storage trays







# **Contents**

General3
Safety notices3
Organisation of your storage4
The Erlab guarantee6
Mounting the unit7
Start-up24
The connectivity principle26
Fan setpoints39
Replacing the filters39
Recommendations for the use of filters44
Shelves: maximum permissible mass45
Cleaning and maintenance45



## **General**

By choosing Captair Smart ductless filtration chemical storage cabinets you have chosen an efficient and responsible way to ensure safety.

Erlab's 50 years of expertise in the field of laboratory fume hoods provide unparalleled filtration quality to ensure your users are properly protected when handling chemicals in the laboratory. The new Captair Smart range uses an innovative and straightforward mode of communication called: **Smart technology**. This powerful interface uses light to intuitively and effortlessly communicate with users and leave them free to focus all their attention on the main task: **your work**.

Your Captair Smart is the ideal organising cabinet to accommodate respiratory protection of users and environmental protection with a unique filtered air recycling system in the laboratory. This is made possible by the use of very highly-effective molecular and HEPA H14 filters which trap molecules and toxic particles. This filtering process makes it possible to blow purified air out of the filter, free from chemical pollution. The Erlab exclusive filtration technology can be adapted according to the stored chemicals

The system's connectivity allows for real-time safety alerts and individual device usage reports to be sent via the eGuard.

# **Safety notices**

The effectiveness of your device is directly dependent upon it being used correctly and monitored by its users. Your laboratory may also benefit from ergonomic, economic and ecological advantages provided by the Captair Smart chemical storage cabinet throughout its life cycle.

The Erlab Services was set up to guarantee your safety. We would remind you that it is important to have the safety parameters validated before using the device for the first time and whenever it is used for a different application.

The equipment provided is not intended to be used in an explosive atmosphere.

The filters delivered with this device must be removed from their packaging and positioned correctly; they must also be suitable for the type of chemicals being handled in order to guarantee user safety.

Erlab recommends that filter breakthrough tests are regularly carried out.

New filters must be stored in their packaging, kept in a dry location and laid flat. (see recommendations for storing and using the filters).

Erlab recommends keeping a logbook which is specific to the device and shows the chemical agents handled, how often they are used and the maintenance operations carried out on it.





# Organisation of your storage

Prior to handling or storing a chemical product, it is mandatory to consult your label; this label provides information on the dangerousness of chemical substances as well as on the basic principles of protection during handling and storage.

This information includes pictograms, some special instructions are reproduced below:



### **EXPLOSIVE**

Contact with an energy source (flame) or an incompatible product may cause an explosion. Example: Ammonium Nitrate (responsible for the nitrogen fertilizer explosion in Toulouse in 2001)



### COMBUSTIVE

Substance which will cause a fire on contact with a combustible product Example: Peroxyde d'hydrogène



### **CORROSIVE**

Product which may attacck tissues or certain materials (glass, metal, etc.) Example: Acids (Hydrochloric Acid)) or Concentrated Bases (Soda)



### **SENSITIZING**

Substance dangerous for health Example: Formaldehyde, Benzène



### DANGEROUS FOR THE ENVIRONMENT

Substance which when it is dispersed into the environment may cause damage to the fauna or flora. Exemple: Hydrocarbons



### **TOXIC / IRRITANT**

Substance wich may cause a health risk.

Example: Citric Acid



### **GAS BOTTLE UNDER PRESSURE**

Product which can cause an explosion or burns Example: Hydrogen



#### TOXIC

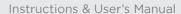
Substance presenting serious health risks (Carcinogenic, Mutagenic or Toxic for reproduction)
Example: HCN Acide cyanhydrique



### **FLAMMABLE**

Contact with an energy source (flame) or an incompatible product (combustive) may cause a fire. Example: Methanol

# Captair 1634 Smart





Before inserting any new product into the cabinet, the user must check its chemical compatibility with the products it already contains. For example, in the category of corrosive products, it is necessary to distinguished between Acids and Bases. In every case, Acids and Bases must be separated: the reaction of a strong acid with a strong base is highly exothermic (releases heat), which may cause serious accidents (projection).

We give a non-exhaustive list below of some examples of known chemical incompatibilities:

- Do not store acids and bases together.
- Do not store oxidants and reductants together.
- Do not store combustive products and flammable products together.
- Do not store corrosive products and flammable products together.

In a cabinet, glass bottles containing liquids should be stored as low as possible so as to limit the height of a spill if they are accidentally turned over

The storage cabinets are intended to contain small quantities of products necessary for daily work.

Inventories must be stored in stock rooms provided for this purpose outside of the laboratory.

### **IMPORTANT:**

Captair Smart cabinets are not capable of resisting consequences of a fire in the laboratory.

Therefore, any storage of flammable products in this type of cabinet is under the sole responsibility of the user.

The Captair Smart cabinet must be used indoors, at a vertical position on its carrying feet.

Use or storage temperature: 15 to 30° C

Maximum rate of humidity: 75 %

Storage: noxious and odorous chemical products.





# The Erlab guarantee



# **Product registration**

Take full advantage of the device's connectivity to enhance your safety

## Get up to 10 years warranty on your connected Erlab unit

Register your product online: the registration of the product will automatically give you one extra year of warranty (in addition to the warranty mentioned in the Erlab' general terms and conditions of sale).

Connect your unit: Once the device is connected to the Internet and configured to exchange usage data, the warranty is extended for up to 10 years. Warranty will be successively renewed at each filters replacement and for the life time indicated on the Valipass® and/or or at the end of filter usage time.

In order to benefit from Erlab extension of warranty offer, the following conditions shall be respected:

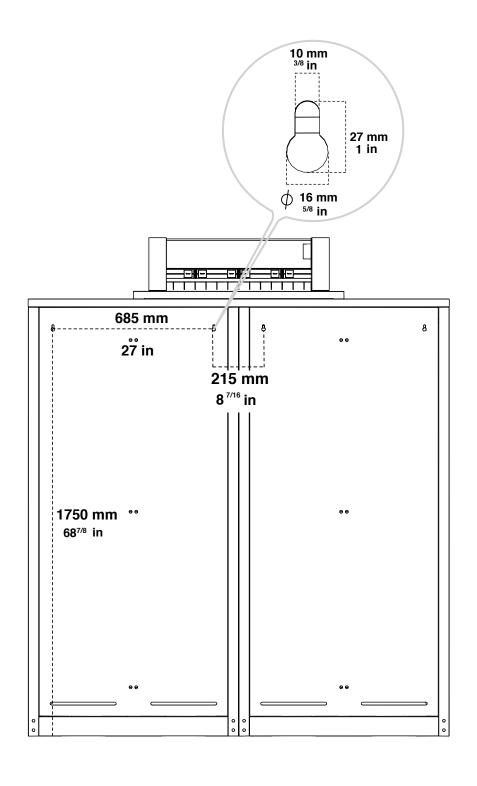
- The registration and/or the connection of the product shall be performed within the twelve months from the purchase date;
- Filters replacement must be performed following eValiQuest® service recommendations or at the end of filter usage time; The filter's serial number, used as an identification key, validates this condition, regardless of your device's supplier (and/or the replacement filter's supplier for the following years);
- The device's replacement filters must be manufactured by Erlab, as must all other spare parts.

Consumables such as filters and filter failure sensors are not covered by the warranty.



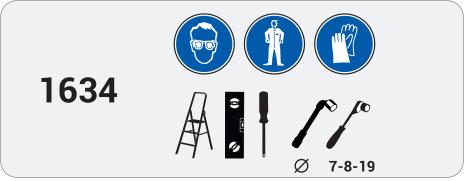


# The storage cabinet must be fixed to the wall

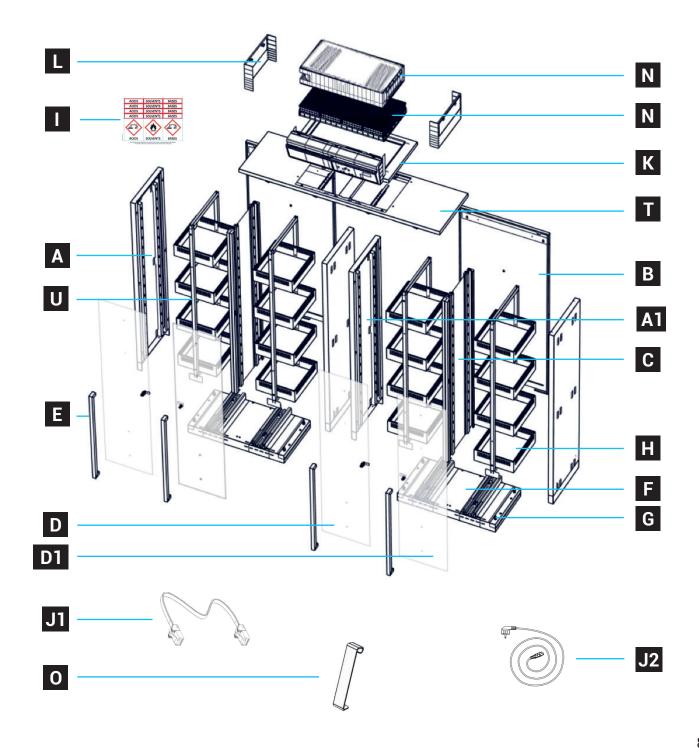




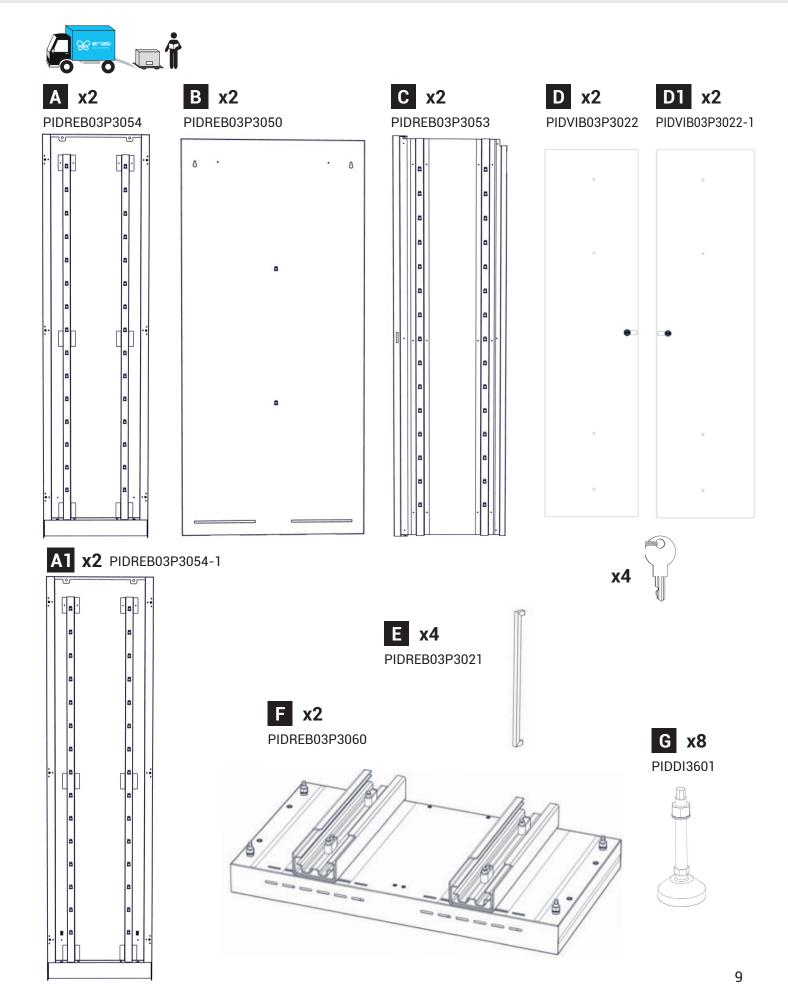










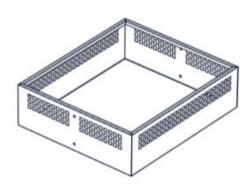




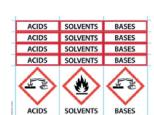




PIDREB03P3024

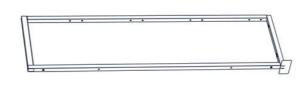






**U** x4

PIDTRB03P3019





PIDREBO3Q2010



S1 x20

PIDBOX037



**S2 x8** PIDB0070



S3 x64

PIDB08560



S4 x8

PIDB08549



PIDB08547 PIDB0072





**x2** 







PIDEL8603



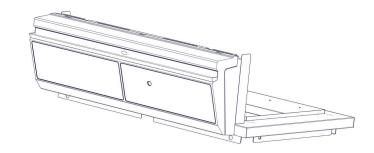
J2 x1

EU = PIDEL076 USA = PIDEL080 GB = PIDEL090 CH = PIDEL106

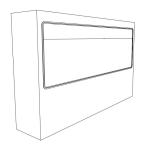




KPS 1634



**L x2** PIDMS8552

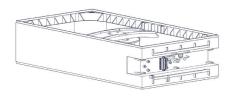








Z3FM004





Z3FM004 + PIDMS8522



N5 x1

PIDMS8532



N6 x4

2C1P: PIDREQT0018





1C1P: PIDREQT0019









Molecular filter

SQUARE PART	FILTER
H11074101	AS
H11074201	BE+
H11074301	K
H11074401	F





HEPA H14 / ULPA U16 filter

SQUARE PART	FILTER
H11074031	H14
H11074061	U16

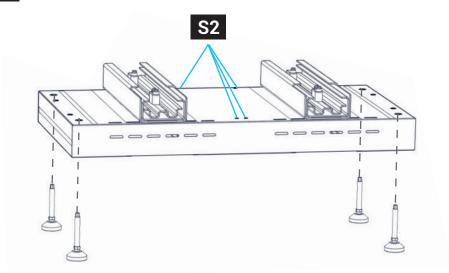


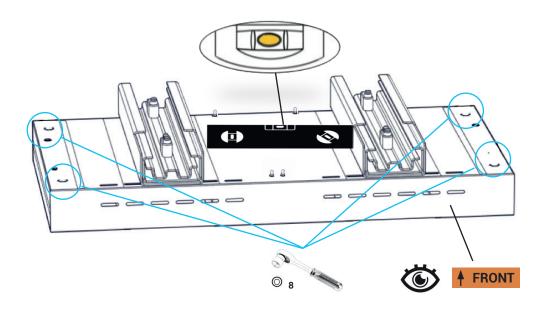


F	x2
G	х8
S2	х8









# Captair 1634 Smart

Instructions & User's Manual

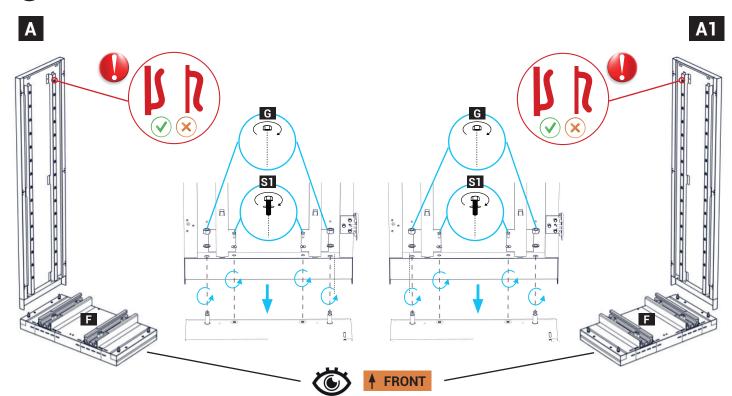




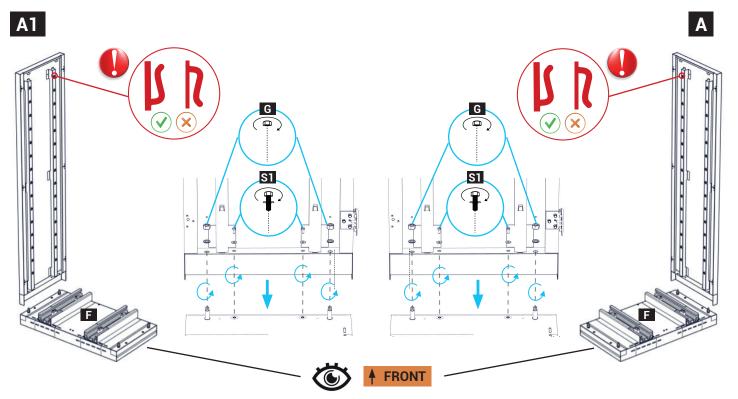
Α	x2
<b>A1</b>	x2
G	х8







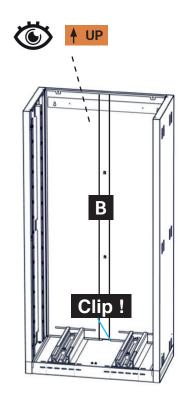


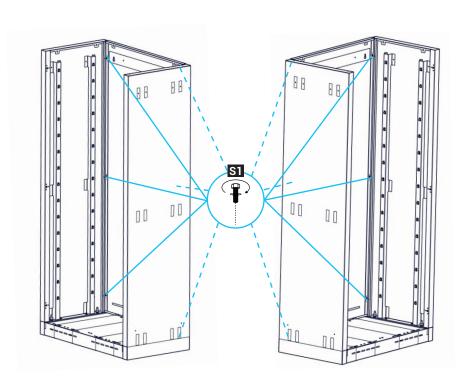


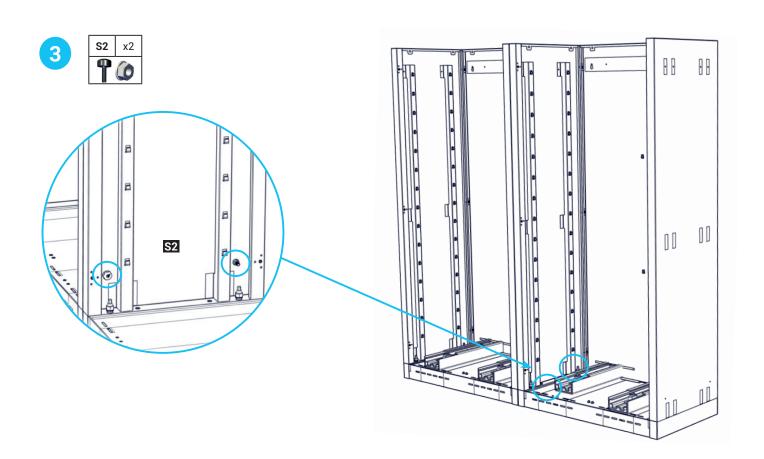




**B** x2







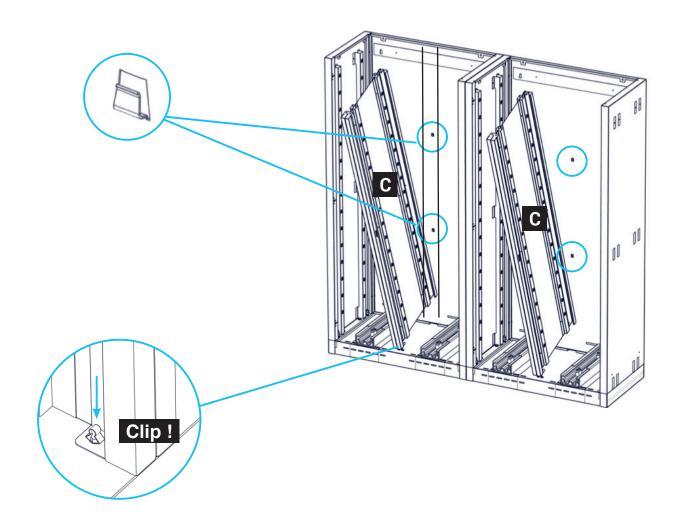






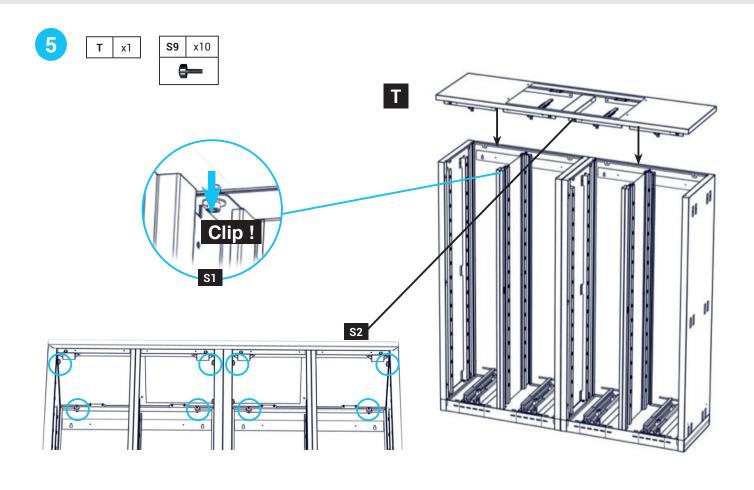


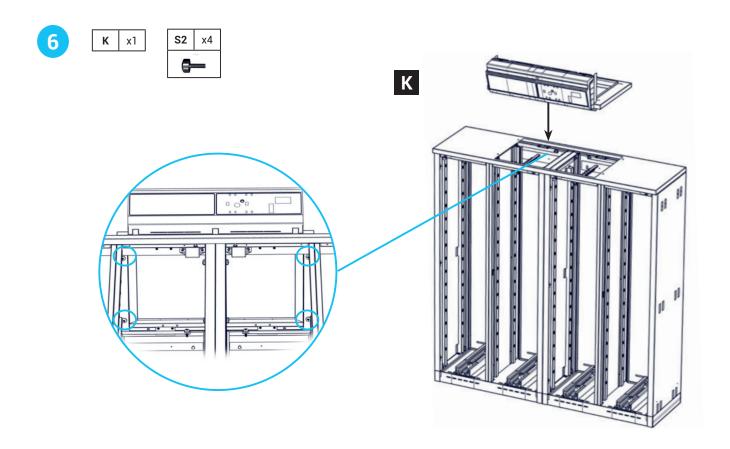








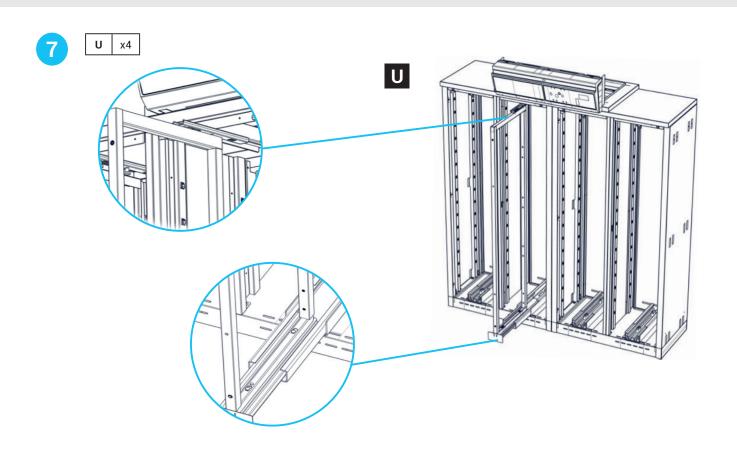


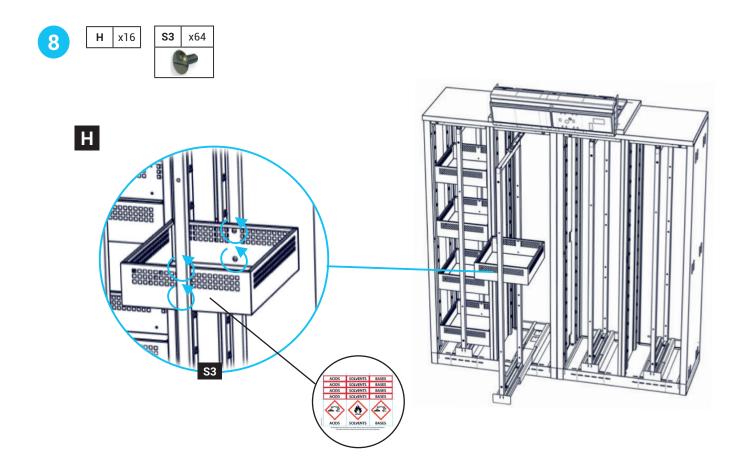




Instructions & User's Manual

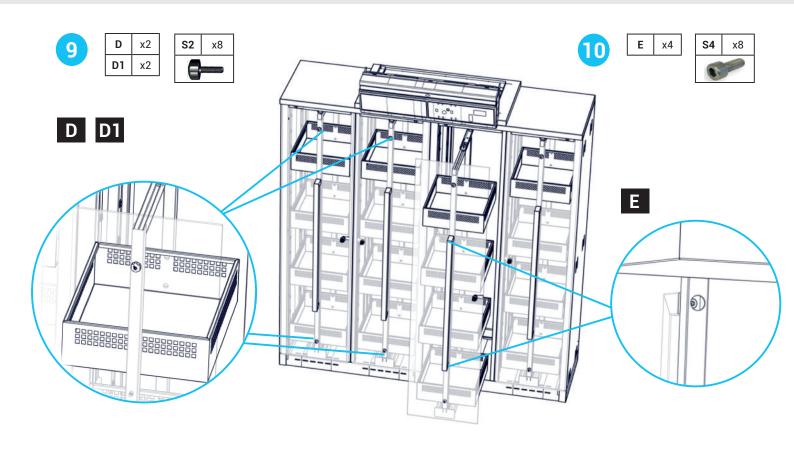


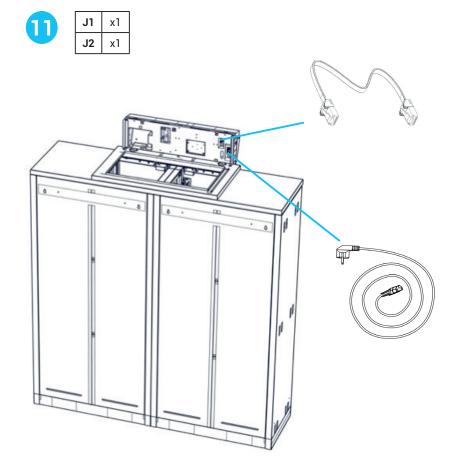


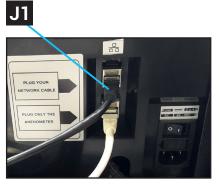












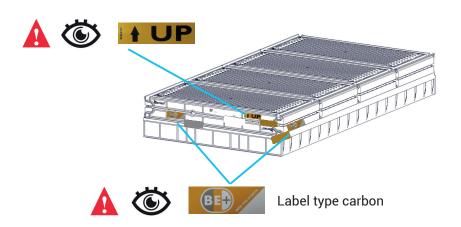




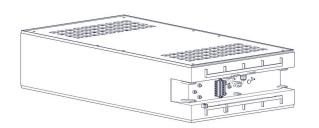


	Versions	1C	2C	1P	1P1C	1P2C	1C1P	2C1P
N1		x1	X2		X1	X1	X2	X2
N2				X1	X1	X1	X1	X1
N3			X1		X1	X1	X1	X1
N4	F	X1		X1				
N5				X1				
N6							X4	
N7								X4









Fan without molecode S

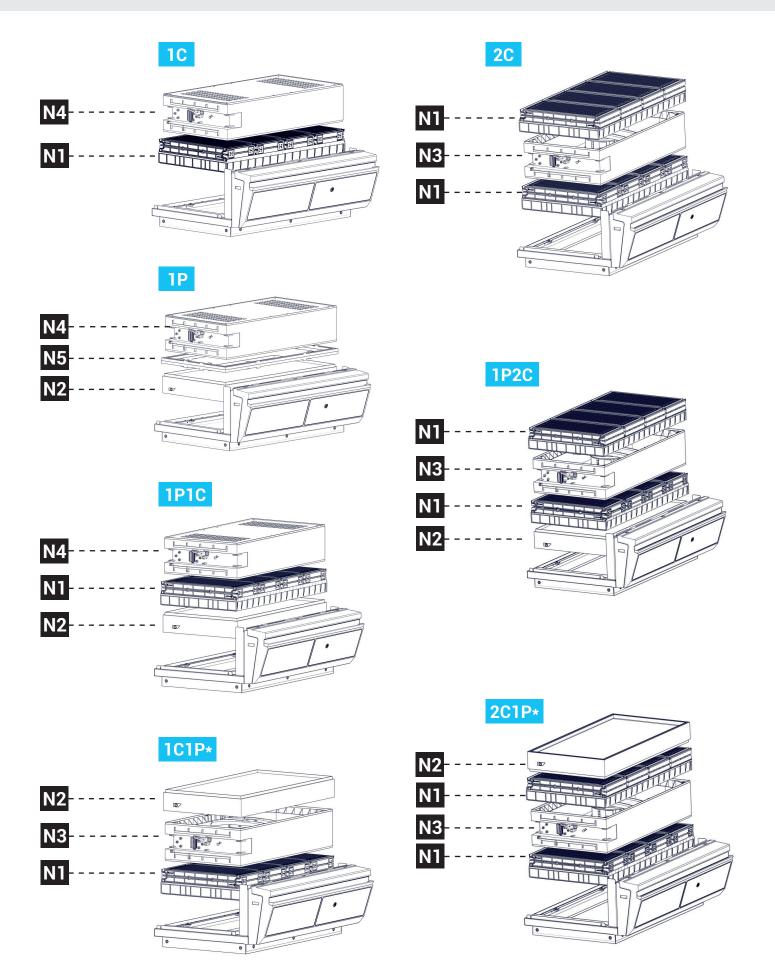


Fan with molecode S











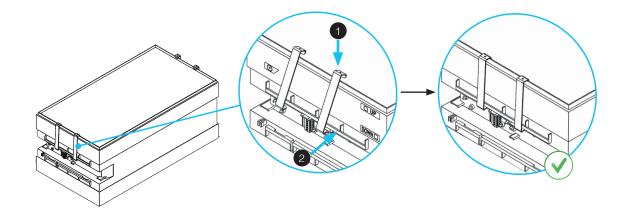




## \* Hook mounting

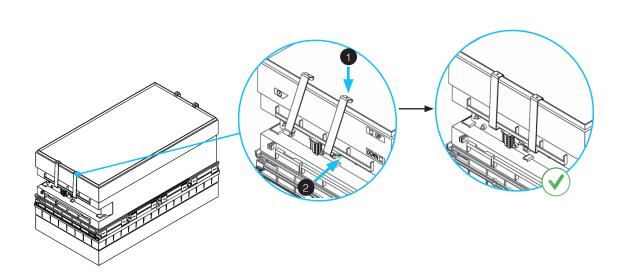








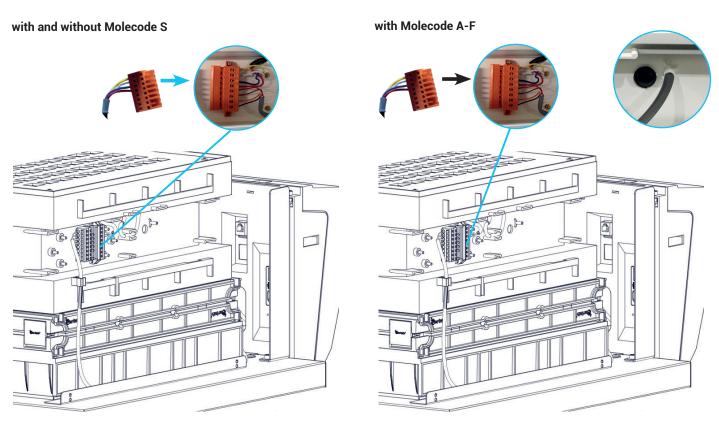
**N6** x4



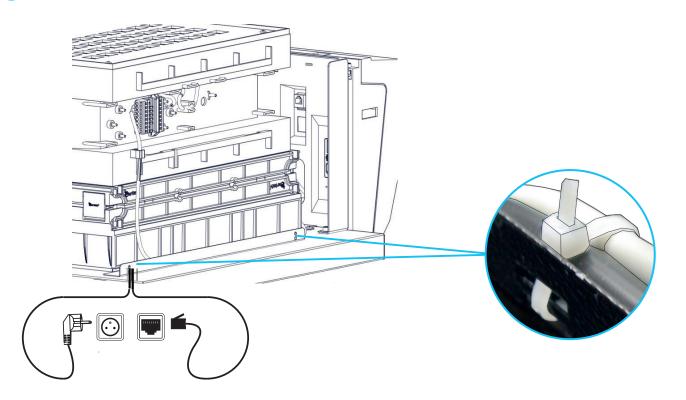




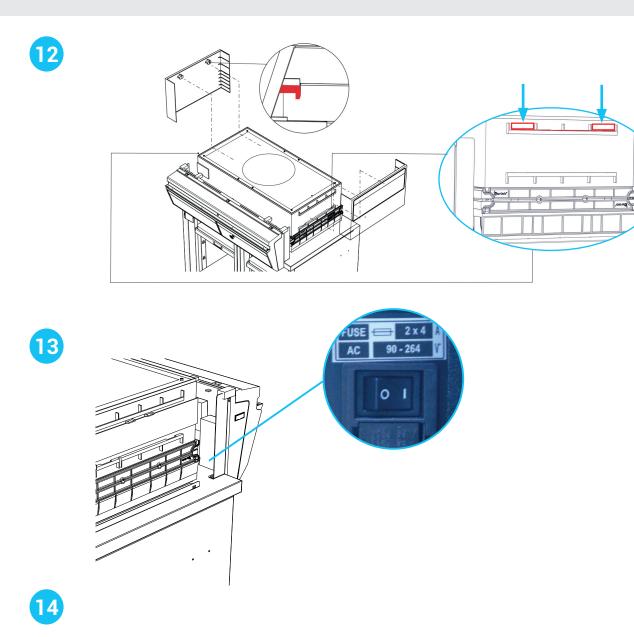




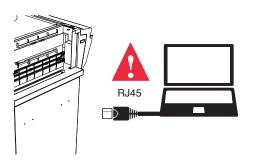








## Parameter settings



Access to the Embedded Service (default IP address)

IP: 192.168.0.200





## **Start-up**

Having carefully followed the steps described in the installation guide, your Captair Smart chemical storage cabinets is now ready to use.

The power switch is located at the back of the control panel.

LED light system should come on.

A filtered storage cabinet works 24/7. We only recommend to swich off the unit for maintenance

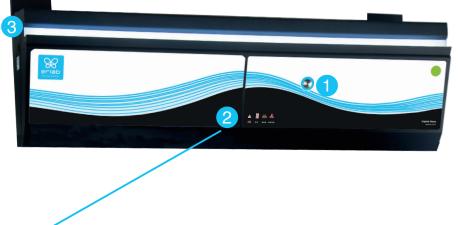
We also recommend verifying the operating parameters before each new use.

Filter breakthrough sensor (Molecode option):
Default settings when the sensor has not been set in our factory:

- Solvents (S type): mediumAcids (A type): medium
- Formaldehyde (F type): medium

To change the settings of your device, access the onboard service or eGuard.

## 1.Description of the control module



1 - Silence the alarm

0 1

- 2 Keycode to indicate which alarm is active
- 3 Smart-Light that pulses when in alarm



The fixed light bar shows the optimal level of protection the operator is afforded.

The hood communicates its operational state in real time through a series of sound and light pulses.



## 2. Alarms description

#### Note:

When using the Mute key to silence the alarm, please note the alarm can be triggered again if the event condition has not been fixed.

Resetting alarms via the Mute key will consequently modify usage settings.

Please access the administrator interface to precisely check user settings.

Alarm type	<b>4</b> ))	Light signal	Events	Details	Silence the alarm	Reset the alarm		
Doors openning								
	2 beeps + 5 seconds apart	Pulses	Doors ajar	Doors opened				
Filtration								
	3 beeps +	Pulses	Filter breakthrough (Molecode S/A/F option)	The Molecode detection value is > the sensitivity setting for a period of 40s.	Dunca Mista kasa	Note: filter has to be replaced.		
•••	5 seconds apart	Pulses	Replace filter	The filter(s) has/have reached the end of their service life/lives.	Press Mute key	Please get in touch with Erlab or your usual maintenance contact.		
Fan								
	4 beeps + 5 seconds	Pulses	Fan fault	The rotation speed (RPM) is +/- 10% of the fan setpoint.	Press Mute key			
••••	apart		Fan Unserviceable	The rotation speed (RPM) is < 700 RPM				
Filter breakthrough sensor replacement (Molecode)								
	5 beeps + 5 seconds apart	Pulses	Filter breakthrough sensor repla- cement (Mo- lecode S/A/F option)	The sensor has reached the end of its service life.		Please get in touch with Erlab or your usual maintenance contact.		

#### Reset network settings

Forgot network settings?

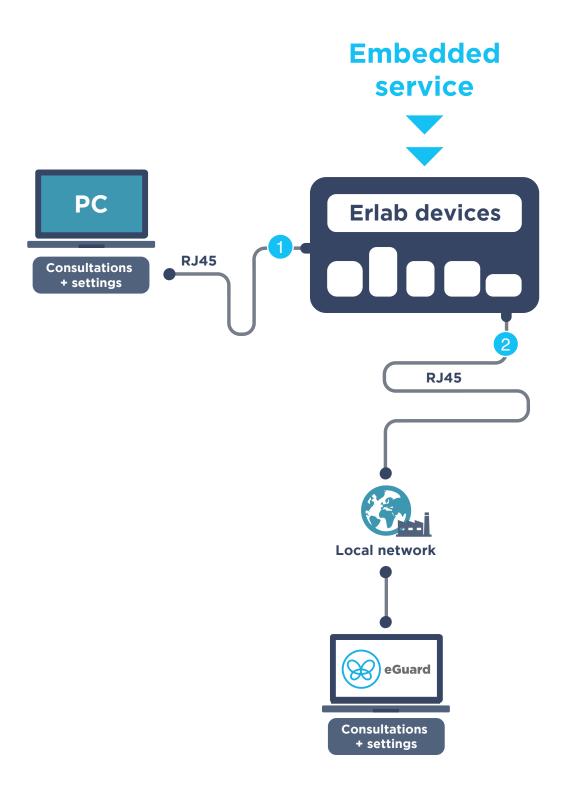
- Please check the general switch of the unit is turned ON,
- Switch OFF the key 1,
- Press the Mute key for 5 seconds,
- After 3 beeps, network settings are reset,
- Reboot the unit: turn OFF/ON the general switch of the unit on the back of the control panel,
- The network default IP adress is: 192.168.0.200





# The connectivity principle

An ecosystem designed for simpler use and safer protection





2 ways to connect your device	1 Embedded service	eGuard PC
Conditions of use	Direct connection on PC with data cable (RJ45)	Connected to the local network
Hardware requirements	1 PC + 1 cable	1 PC connected to the local network
Parameters	Monitoring + Controlling	Monitoring + Controlling
Data access	One unit	Multiple units
Historical data access	✓	<b>⊘</b>
Historical data download	•	
Alerts, Notifications		<b>⊘</b>
Multiple units monitoring		<b>⊘</b>
Multiple user accounts		<b>⊘</b>
Automatized status report		<b>⊘</b>
Download		Download for Windows  (except if local connection)



The connectivity of Erlab devices allows for the remote setting and monitoring of one or more devices.

### After registering your product online, use eGuard:

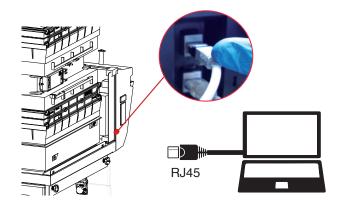
- Receive security alerts,
- View your usage statistics,
- Enhance your user experience
- Benefit from exclusive guarantees and services



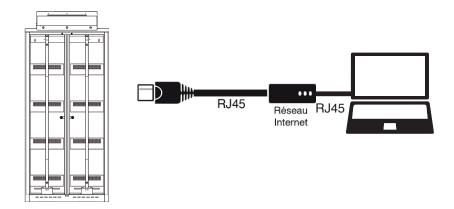


### 3. How to connect

#### **Embedded service**



#### eGuard PC



### **Embedded service**

Consultez les paramètres et accédez aux réglages de votre appareil via le service embarqué.

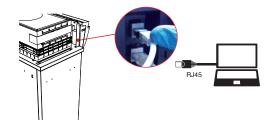
### Au préalable:

- Munissez vous d'un ordinateur équipé d'un port Ethernet (pour branchement câble RJ45)
- Le WIFI de cet ordinateur doit être impérativement désactivé
- Vérifier que cet ordinateur est équipé d'un navigateur WEB (Internet Explorer, Edge, Chrome, Mozilla Firefox, Safari...)

N.B: le câble RJ45 qui permet la connexion directe à l'ordinateur est fourni avec l'appareil.



### Connecting the device to the PC



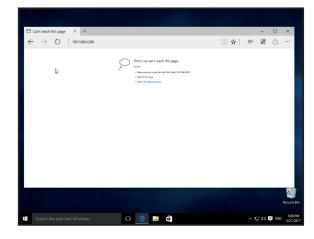


 Take RJ45 cable (black) already connected on the unit and rolled at the back of the control panel. Check that main switch (at the back of the control panel on fume hoods and storage cabinets) of the device is ON



# Open your web browser, type the following IP address 192.168.0.200 into the address bar and validate





## OK

You are connected to the embedded software You enter the « Status » page and you can have access to the « Settings » using the following credentials:

Login: erlab / Password: smart

Please go to page 34

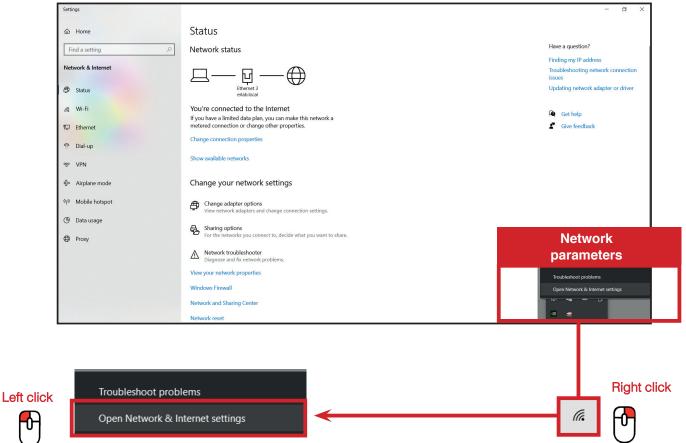
### Page is not accessible

Computer network parameters are not allowing the access to the embedded software.

Apply the following procedure

## Page is not accessible:

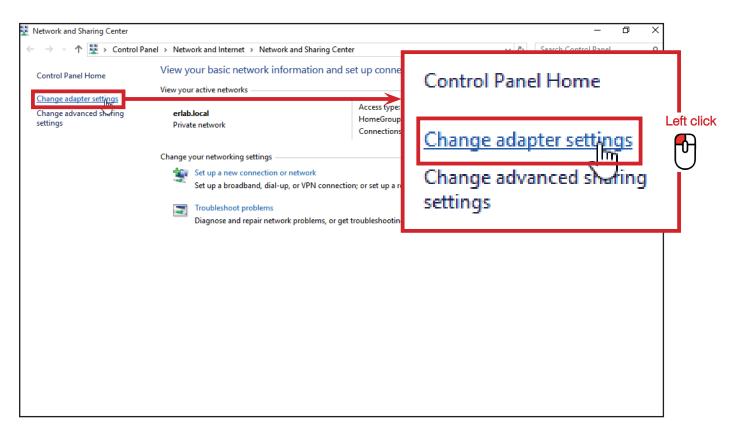
Modify computer network parameters (windows 10)



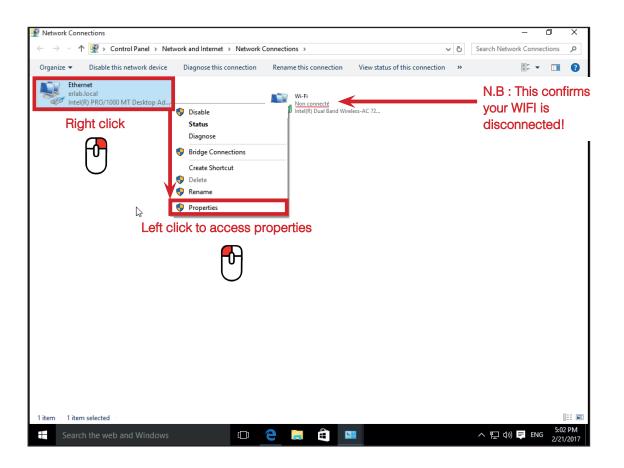




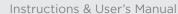
Access to the Network and sharing center (windows 10)



Access to the network connection (windows 10)

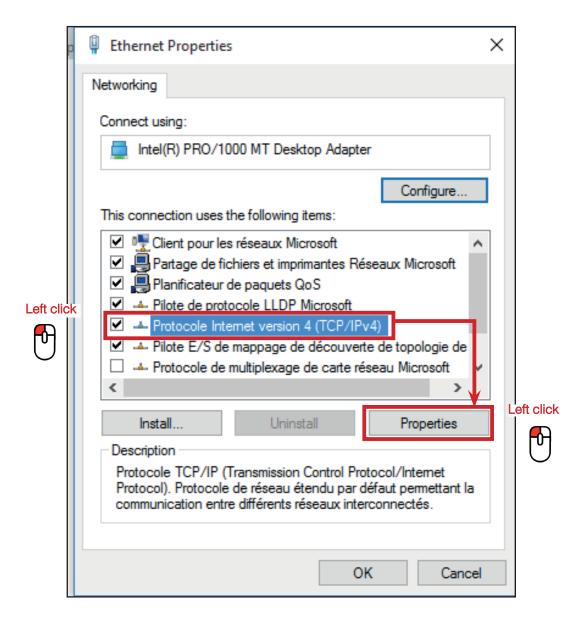








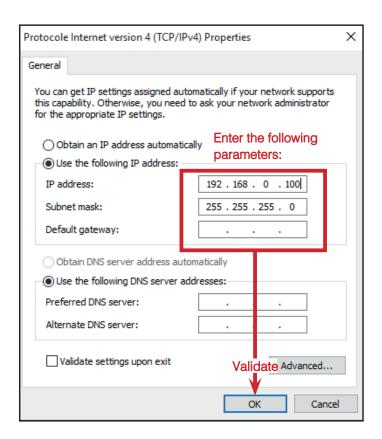
4 Enter compatible network parameters as indicated below (windows 10)



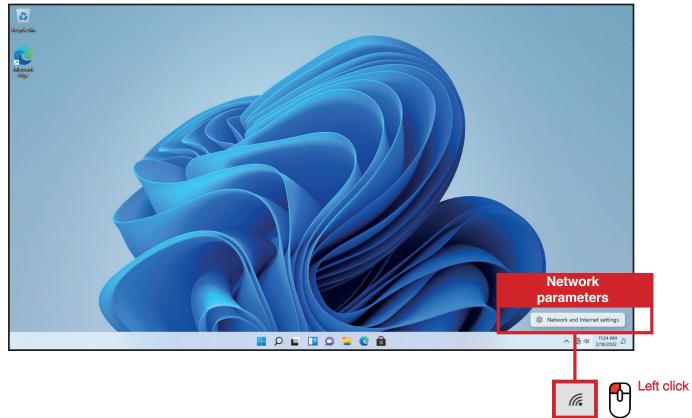




<u>Write down your existing parameters</u> **before** changing them in order to be able to set your initial parameters after the operation!

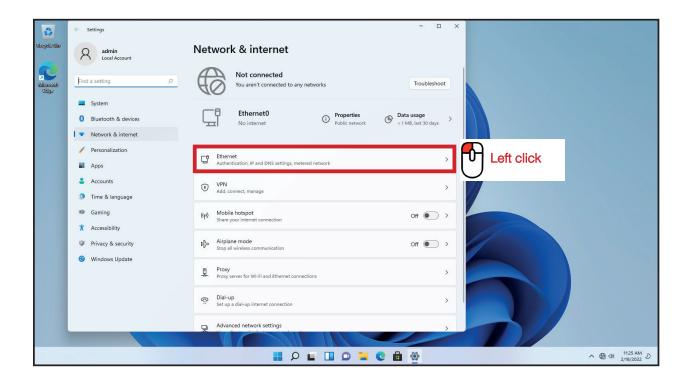


1 Modify computer network parameters (windows 11)

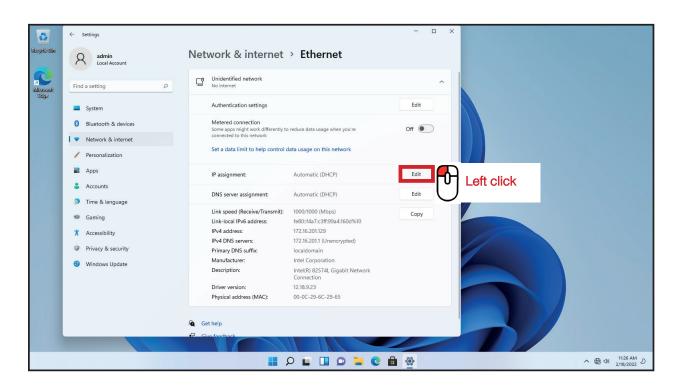




2 Access to the Network and sharing center (windows 11)



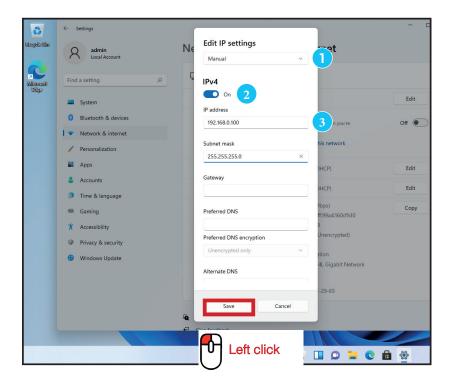
Access to the network connection (windows 11)





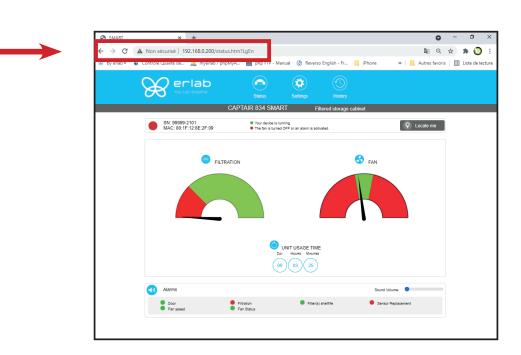


4 Enter compatible network parameters as indicated below (windows 11)



- 1 Select «manual»
- 2 Set «IPv4 to On»
- 3 Enter the IP address «192.168.0.100»

Open your web browser again, type again the following IP address <u>192.168.0.200</u> and validate

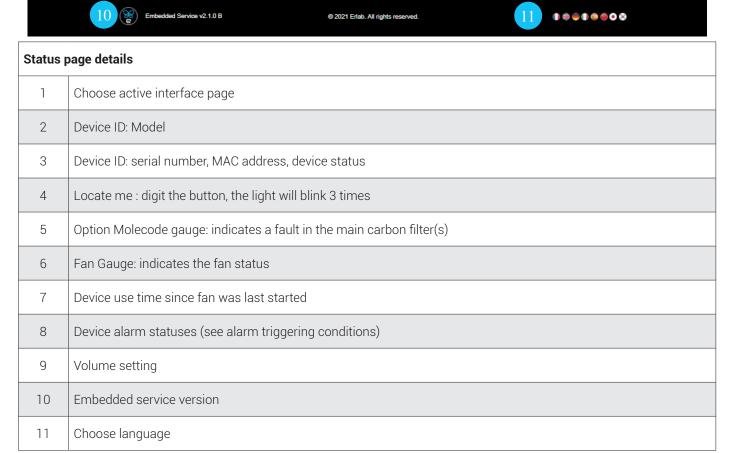


• **OK**: You are connected to the embedded software
You enter the « Status » page and you can have access to the « Settings » using the following credentials::
Login: **erlab** / Password: **smart** 



### **Administrator Interface**



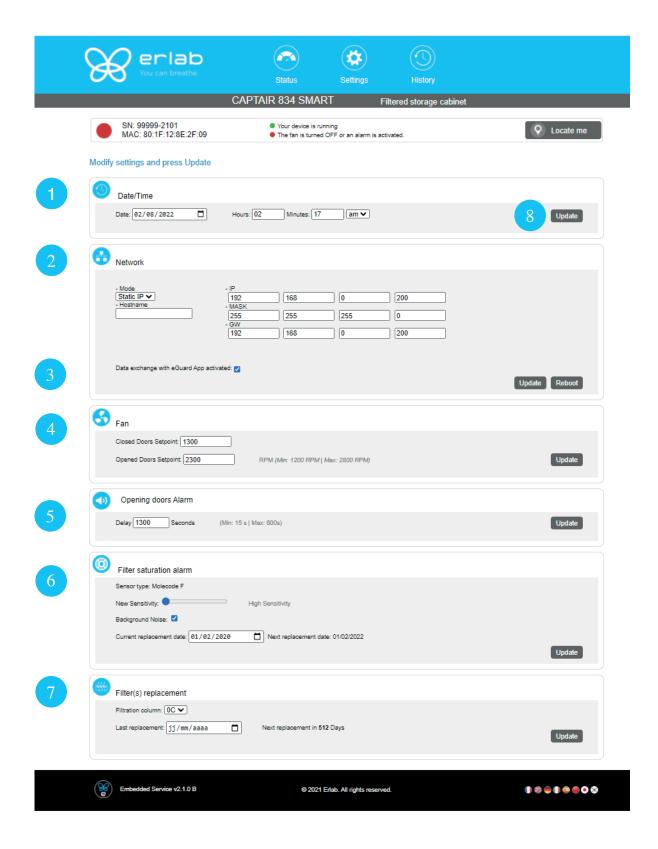






## Access to the settings is protected by the following credentials:

User name: erlab Password: smart





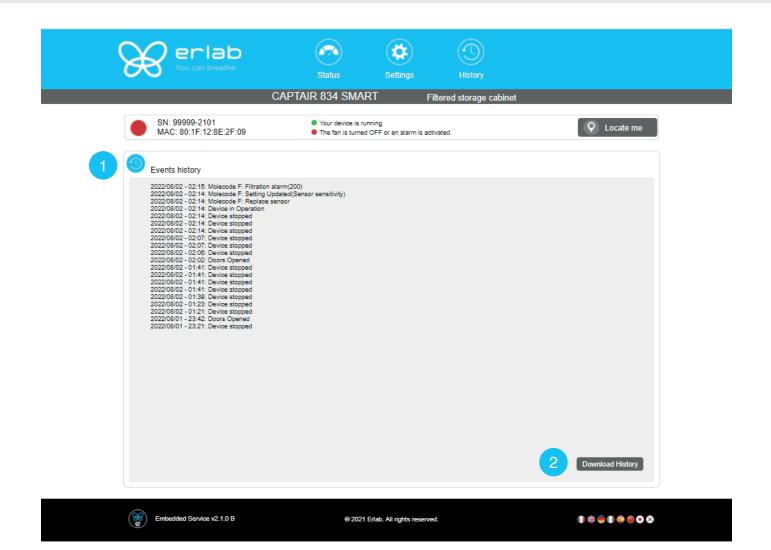




Setting	s page details
1	Device time and date settings
	Device network settings Mode: Selected IP protocol Hostname: Device name on network IP. IP address of the device MASK: network mask GW: Network gateway
	Modify network settings :
2	Default mode : DHCP
	Each unit is identified with its hostname : ER-UNIT-S/N Hostname example for a Captair 834 Smart, S/N: 25698 Hosname will be: ER-834-25698
	This hostname is displayed on the IP Adress label located on the back of the control panel If the unit is not connected to a DHCP servor, the unit will automatically switch to its defaut IP address: 192.168.0.200
3	Activate/Deactivate the exchange of information This allows the transmission of information from the device to the eGuard server for: - remote monitoring via eGuard App (mobile &PC) - receiving usage reports
4	Device fan setpoint settings
5	Door alarm
	Air quality sensor
	Sensor type indication (VOCs: volatile organic compounds/ A: Acids / F: Formaldehyde)
6	Sensor sensitivity settings: VOCs sensor (5 settings): High sensitivity, Medium/High Sensitivity, Medium Sensitivity, Medium/Low Sensitivity, Low Sensitivity A and F sensors (3 settings): High sensitivity, Medium Sensitivity, Low Sensitivity
	Sensor replacement Enter replacement sensor date, display the next sensor replacement date
	Filter replacement date:
7	Indicates the filter type (AS: organics vapors / BE+:Acids, inorganics, organics, and solvents vapors / K: Ammonia vapors / F: Formaldehyde vapors / HP: powders)
l	For units equipped with carbon and HEPA filters, please use the carbon filter indication
	Last replacement: Counter showing the number of days the filter(s) can be used relative to its/their service life expiry date
8	Confirm settings key (please validate each setting )







Lo	og pag	ge details
	1	Displays the device's event log
	2	Used for downloading the log in .csv format



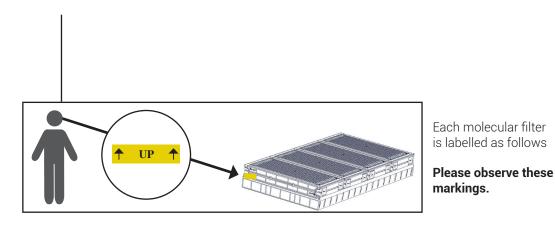
# **Fan setpoints**

Unit / Type of filtration column	1P	1C	1C1P	1P1C	1P1C1P	1P2C	2C1P	2C	2P
1634			Open door	s : 2300 F	RPM / Close	d doors :	1300 RPM		

# **Replacing the filters**

The table below summarises all possible Flex™ filter technology configurations for Captair Smart chemical storage cabinets.

	Molecular filter	HEPA filter H14 or ULPA
Column Configuration		
Models	Captair 1634 Smart	Captair 1634 Smart
1C	x1	
2C	x2	
1 P		x1
2 P		x2
1P1C	x1	x1
1P 2C	x2	x1
1C 1P	x1	x1
2C 1P	x2	x1
1P 1C 1P	x1	x2







#### The table below summarises the different types of carbon filters that Erlab® offers along with their fields of application.

Type AS	For organic vapors	
Type BE +	Multi-application for acid and organic vapors	
Туре К	For ammonia vapors	
Type F	For formaldehyde vapors	

### Replacing the HEPA H14 / ULPA filters

#### **Pre-requisites**

- The operator in charge of the filter replacement must be informed by users about the complete list of stored chemicals to allow to select its PPE
- The laboratory is empty when the operation is carried out
- The laboratory is ventilated by mechanical or natural means while the operation is carried out

#### Minimum protective equipment

- One-piece overall + overshoes + bouffant cap
- Laboratory gloves (latex or nitrile)
- Protective glasses
- Breathing mask with particle filter (P3)









This procedure is applicable to HEPA/ULPA filters located at the bottom of the filtration columns and designed to trap powders handled.

#### Strict chronological order to follow:

- 1- Switch on the device fan
- 2- Carefully spray the bottom surface of the HEPA/ULPA filter (paint with NON FLAMMABLE propellent), to be done inside the enclosure
- 3- Allow at least 5 minutes with the fan running for the spray to dry
- 4- Shut down and unplug the device and disconnect the fan module power supply cable and the sampling tubes from the sampling area (if installed)
- 5- Carefully remove the molecular filter(s) (if present) and the fan module
- 6- Carefully unwrap the new HEPA/ULPA filter
  - Keep the plastic film and cardboard box so that you can use it later to pack up the used filter Lay out the film on a flat surface in the immediate vicinity of the operation so that it is at the ready
- 7- Carefully remove the used HEPA/ULPA filter and immediately place it contaminated-side down onto the plastic film
- 8- Clean the filter housing
- 9- Package up the used filter + contaminated equipment Seal the plastic film tightly
- 10- Place the sealed package in the box the new carbon filter came in, then seal it using adhesive tape

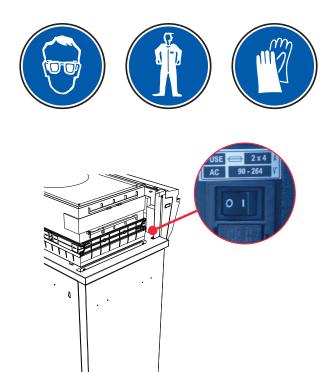
Have the filter disposed of via a suitable disposal process in accordance with the applicable regulations. To find out more, please contact your usual advisor.



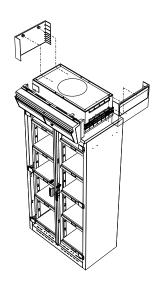
- 11- Fit the new HEPA/ULPA filter, main molecular filter (if present) and the fan module, followed by the backup molecular filter (if present). Make sure that all the column components.
- 12- Reconnect the device's various cables and hoses, switch the device back on.

### **Filter Replacement Procedure**

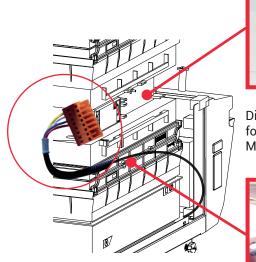
For these operations, we strongly recommended that the user or maintenance technician wear the necessary safety equipment, including: safety glasses, lab coat and gloves





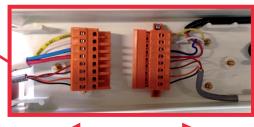


Remove the two protective shields on either side of the unit





Disconnect the power supply to the fan unit followed by the fan module hose (if the device is fitted with a type A or F Molecode)





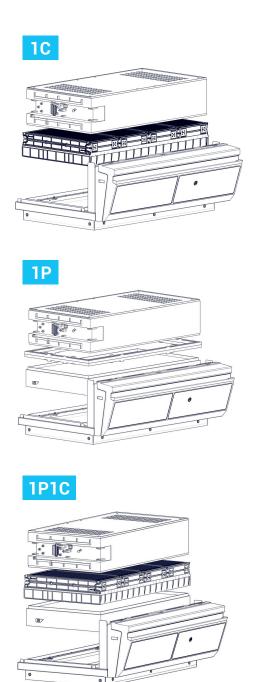


Identify wich column configuration below applies to your chemical storage cabinets. (See your Valipass label)

Unstack the filtration column(s) above the chemical storage cabinets.

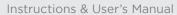
After carrefuly removing the filters from their packaging, assemble the column per the configuration below

If your column configuration changed, Apply the correct fan setpoint for the filtration column configuration (see fan setpoints)

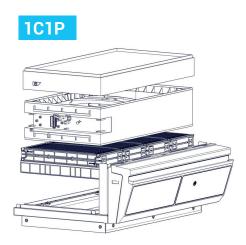


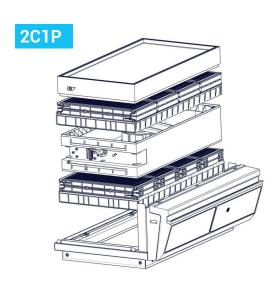


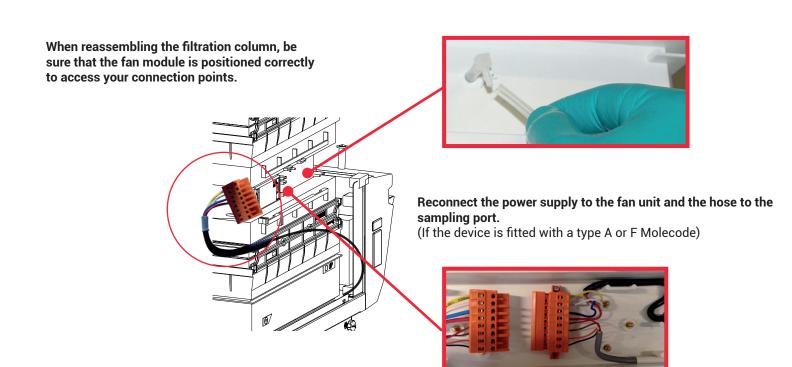
















## Recommendations for the use of filters

We recommend replacing the filter annually (if used 24/7).

**ERLAB** offers 3-point validation of your handling operations based on a scientific analysis carried out by its laboratory specialists via the global **Erlab Safety Program (E.S.P)** which includes the **eValiQuest** questionnaire: :

- Organisation of storage
- Type(s) of filter(s) to use and filtration column configuration (if required)
- Predicted service life of the activated carbon molecular filters

How does the E.S.P service work?

- The customer registers these chemicals by logging on to www.evaliquest.erlab.com
- The Erlab laboratory specialists analyze the questionnaire and issue a Valipass certificate

The Valipass certificate is affixed to the new devices at the factory. If the chemical processes in the hood change, a new eValiQuest is completed and is sent by email after revalidation.

The certificate contains the following: a list of the products handled in the fume hood, the type of filter required for these chemicals, the serial number, the life of the filter, the traceability information used to track the use of the device and the methods of detecting filter failure of the molecular filter.

To ensure their safety, we invite users who have not had registered their products in the **eValiQuest** interface or whose device is not covered by a **Valipass** usage certificate, to contact ERLAB or their usual distributor to arrange a new usage validation for the device in question.

#### Failing that and/or in the absence of information regarding device usage:

ERLAB is unable to provide any guidance as to the predicted service life of the filter(s)...

#### In such cases, we strongly recommend:

• Replacement of molecular and particulate filters at least every 12 months and implementation of a regular filter fault monitoring protocol.

Instructions & User's Manual

## **Shelves: maximum permissible mass**

Plastic Shelves	Basket for pull out doors
15 kg	15 kg

# **Cleaning and maintenance**

#### Mechanical item checks

#### **Acrylic Parts:**

These parts must be clean; white streaks or spatters indicate rather heavy use of acid (hydrochloric acid) or products handled at a high temperature. Ensuring the transparency of the walls is a part of regular maintenance for the enclosure.

#### **CLEANING THE ENCLOSURE**

Cleaning the dividers is mandatory and must be done regularly. It may be done in several ways:

- With soapy water followed by rinsing with clear water and drying with a soft; nonabrasive; B32 absorbent paper towel.
- Or with a commercial PH neutral neutralizing product followed by drying with a soft; non-abrasive; absorbent paper towel.
- Or with a commercial glass cleaning product

### **Coated Metallic Parts:**

- They must be inspected and free from any traces of corrosion.
- Check that no liquid stagnates in the shelves with a retention tank.
- Clean retention tanks if necessary



Since 1968, **Erlab** has been a specialist, inventor and world leader in **ductless, zero-emission filtering fume hoods for laboratories** to provide total safety in chemical handling.

1 Erlab filtration

We provide technologies to protect laboratory staff from inhaling chemicals. This is made possible thanks to our **Research and Development (R&D) department**, which has continuously improved our filtration technology for more than 50 years. That's why, in 2009, we invented the **ERLAB ABOVE** label for tried and tested filtration technology.

2 The AFNOR NF X 15-211: 2009 standard

Erlab's filtration technology conforms to the **NF X 15-211: 2009 standard,** the industry's most demanding standard for molecular filtration, developed by a committee of independent scientists and specialized manufacturers.

#### This text imposes performance criteria linked to:

- · Filtration efficiency
- Containment efficiency
- · Air face velocity
- Documentation: chemical listing

## 3 The ESP programme

A set of three services included with the purchase of each device designed to ensure your safety.

eValiQuest Risk analysis – Determination of protection needs – Determination of ergonomic needs.

ValiPass Certified installation — Total safety for handling.

**ValiGuard** Ongoing monitoring – Preventative and maintenance inspections – Device reconfiguration based on protection needs – Development of handling.

4 Flex technology

The combination of molecular and particulate filtration technologies allows a single device to meet laboratories' protection needs. This innovation from Erlab's R&D department offers unprecedented **flexibility, versatility and value.** A single device can be reconfigured over time and easily reassigned to other applications.

5 Smart technology

Smart technology is a **simple and innovative** means of communication that improves safety. This technology uses a light and sound signal to indicate the user's level of protection. The advantages of the technology are:

- 1/ Light pulsation: Real-time communication via LED light pulses intuitively alerts the user to the device's operating status.
- 2/ Simplicity: One-touch activation.
- 3/ Detection system: The exclusive detection system continuously monitors filtration performance.
- 4/ Built-in monitoring: This service provides direct access to the status, settings and history of your device.

France +33 (0) 2 32 09 55 80 | ventes@erlab.ne

United States +1 800-964-4434 | captairsales@erlab.com

∍nina 86 (0) 512 5781 4085 | sales.china@erlab.com.c Spain +34 936 732 474 | export.south@erlab.ne

United Kingdom +44 (0) 1722 341 940 | export.north@erlab.net

Italy +39 (0) 2 89 00 771 | export.south@erlab.i