



# Captair 822B Smart & Midcap

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
- Real time sensors to detect main filter saturation with 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

- Two models are available:
  - 2 storage compartments with sliding doors
  - 1 drawer and sliding shelf
- Easy and fast relocation

## Savings

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

## Environment

- Pollutants filtered at the source

\* Not available on Captair 822B Midcap



You get the highest level of filtration performance



Smart-Light keeps you safe



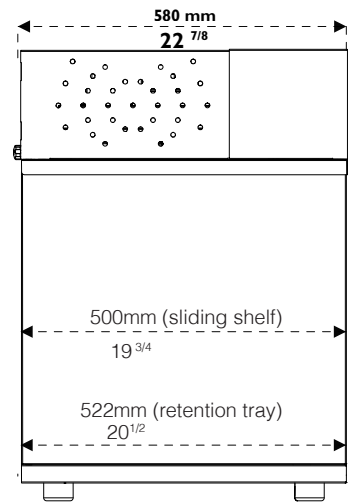
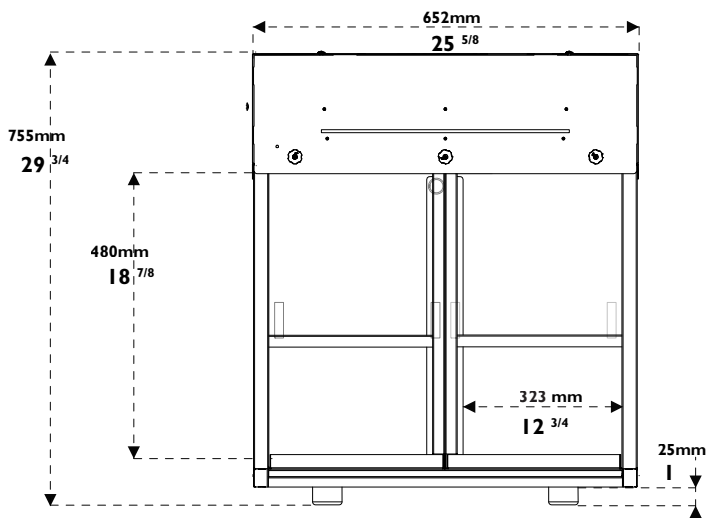
Connect your equipment and download the eGuard App for remote access



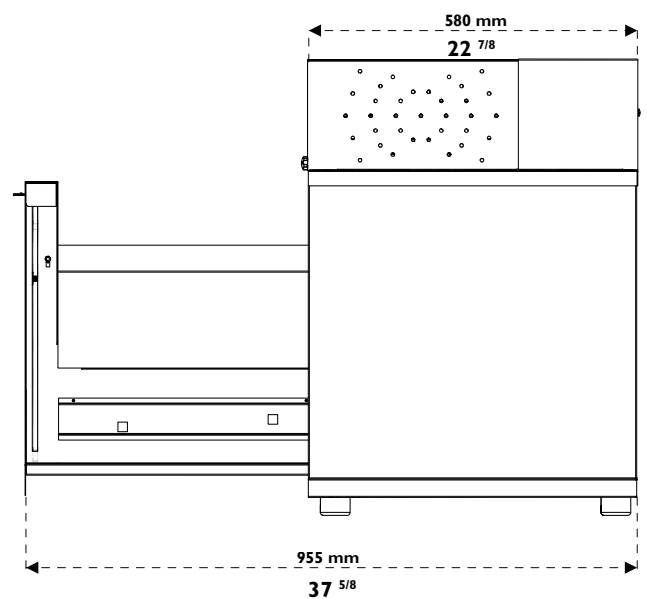
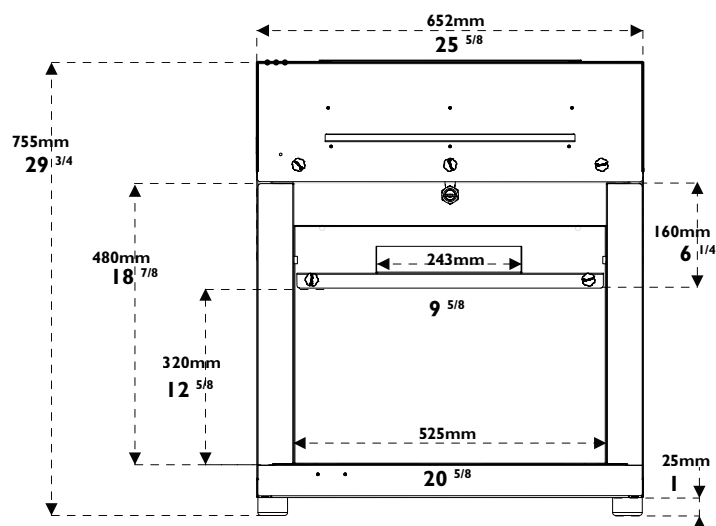
Download our eGuard application



## Option 1: Storage cabinet with 2 compartment and sliding doors



## Option 2: Storage cabinet with 1 drawer and 1 sliding shelf



## Technical specifications

|                          |   |
|--------------------------|---|
| <b>Safety Standards</b>  | Filtration performances tested according to the AFNOR NF X 15-211:2009 standard : France<br>EN 1822 : 1998 (HEPA H14 & ULPA U17 Filters) - CE Marking |
| <b>Air Flow</b>          | 70 m3/h / 41 CFM  |
| <b>Voltage/Frequency</b> | 80 - 220 V / 50-60 Hz   |
| <b>Power consumption</b> | 35W   |
| <b>Structure</b>         | Corrosion resistant electro-galvanized steel coated with anti-acid polymer  |
| <b>Doors</b>             | Clear, chemical resistant acrylic for easy viewing  |
| <b>Filtration Module</b> | Polypropylene   |

## Features

|   |  |
|---|--|
| <b>Smart-Light*</b>                       | When the light is pulsing:<br>-Door(s) left open -Containment is compromised -Filter breakthrough  |
| <b>Carbon filtration</b>                  | AS : For organic vapors - BE : acid vapors<br>F : For formaldehyde vapors - K : For ammonia vapors   |
| <b>Particulate filtration for powders</b> | HEPA H14:99.995 % efficiency filtration of particles over 0.1 µm in size   |
| <b>eGuard app*<br/>(Android or iOS)</b>   | For remote control to monitor the status of the storage cabinet, change the settings,<br>and deliver safety alerts immediately to your devices (mobile, tablet and PC) |
| <b>Doors sensors*</b>                     | Alarm if doors are left open   |
| <b>Chemical Listing</b>                   | List of most commonly used chemicals (NIOSH) and their retention capacity by our filters   |

## Storage configurations

|                             | Option 1                    | Option 2  |
|-----------------------------|-----------------------------|---|
| <b>Storage capacities</b>   | 50 x 1L bottles             | 25 x 1L bottles (retention tray)<br>50 x bottles (drawer) |
| <b>Storage compartments</b> | 2                           | 1   |
| <b>Delivered with</b>       | 2 trays + 2 sliding Shelves | 1 drawer + 1 sliding shelf                                |
| <b>Retention trays</b>      | 2                           | 1   |
| <b>Lock</b>                 | Key lock                    |   |

## Options

|                  |   |
|------------------|---|
| <b>Molecode*</b> | Detection sensor: Type S, for solvents / Type A, for acids / Type F, for formaldehyde |
|------------------|---|

\* Not available on Captair 822B Midcap



## Erlab

### **Our mission: guarantee your protection in the lab**

Erlab invented the first filtration fume hood in 1968. 45 years of expertise in chemicals filtration enable us to guarantee your protection throughout the following aspects:

#### **1 R&D laboratory**

A worldwide unique lab as a warrant to Erlab expertise in filtration. Erlab innovates constantly to design highest level of chemical protection technologies.

#### **2 Safety standards**

Our products performances are certified in compliance with the AFNOR NF X 15 211 standard .

#### **3 Independent tests**

Our filtration technology has been tested multiple times by an independent laboratory according to AFNOR NF X 15 211 requirements. Results prove filters efficiency to maintain concentration in recirculated air at lower than 1% of tested chemicals TLV.

#### **4 Chemical listing**

Our unique know-how enable us to communicate on our filters retention capacities over 700 chemicals, following AFNOR NF X 15 211 requirements.

#### **5 Erlab Safety Program**

Our safety program is the warrant of your protection at all stages: any project begins with an application analysis to allow our lab to recommend the suitable solution. All installed equipments are then followed-up to guarantee the highest level of protection over time.

#### **6 Our questionnaire**

Allows our lab specialists to recommend adapted filtration fume hood, filter type and predictive life-time, such as personalised assessment.

#### **7 We make your fume hood uses a commitment**

Our laboratory provides a usage certificate for each fume hood, in compliance with AFNOR NF X 15 211 requirements.

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