



The guarantee of your protection will be only ensured after the erlab® laboratory approval. Please contact your supplier and benefit from the **ESP®** (Erlab Safety Program) for a validation of the safety parameters (type of column, filter lifetime, saturation detection method and replacement filter procedure...), linked to the use of this cabinet.





Technical specifications

Dimensions (mm)			
Ref.	External dimensions		
	Width	Depth	Height*
1634	1600	605	2210 mini 2290 maxi

*According to filtration column type

Structure	
Metallic parts	Anti-corrosion steel coated with 100% polyester
Door	Synthetic glass 6 mm
Filtration module	Injected polypropylene
Shelves	Injected polypropylene

Specifications	
Number of filter	1 or 2
Number of fan (IP44)	1
Processed air flow	> 75 m3/h
Storage capacity	240 bottles of 1 Liter
Voltage / Frequency	230 V / 50 Hz
Power consumption	34 W
Amperage absorbed	0,13 A

Modular filtration column			
Type IC Liquid chemicals storage		Type IP IC Powders and liquid chemicals storage	
 Molecular filter		 H14 HEPA filter	

Types of filters available

AS	For storage with a predominance of organic vapors
BE+	Polyvalent for storage of organic vapors and acids
F	For formaldehyde vapours
K	For ammonia vapours
HP	HEPA H14 filter for powders storage

Compliance to standards

■ AFNOR NF X 15-211:2009 - Filtration Class 2 ■ CE Marking

Equipments

Versions		
Pack	Filtration column configurations	Configurations
Solvents	IC	AS carbon filter
Solvents detection	IC	AS carbon filter + Molecode S
Solvents/ Powders	IPIC	AS carbon filter + HEPA H14 filter
Solvents/ Powders detection	IPIC	AS carbon filter + HEPA H14 filter + Molecode S
Acids/ Solvents	IC	BE+ carbon filter
Acids/ Solvents/ Powders	IP IC	BE+ carbon filter + HEPA H14 filter

Standard Equipments	
Flow monitor	Permanent ventilation control device according to EN 14175-2:2003 standard
Sampling port	For filter saturation detection (N/A if Molecode S installed)
Lock	For a securised access to chemicals
Double door	Radius door opening 36 cm
Shelves	16 shelves adjustable in height and 4 fixed. Spill tray included
Chemical Listing	List of approved chemicals

Optional equipments	
Molecode S*	Automatic alarm to detect filter saturation by solvents according to NF X 15 211 : 2009 standard
Particular Pre-filter	40 % filtration efficiency for particles > 0,3 µm
HCl box	for storing corrosive acids

