



FILTERING VENTILATION SAFETY CABINET



MEGA LAB

Tel. 2310855844, 2106452848

Email. contact@megalab.gr

www.megalab.gr



▲ AF42++ CORG201



1 Touch screen



2 Active charcoal filter



3 Control window



4 Sampling port test of the filter saturation



5 Perforated shelves adjustable in height



6 Absorbent mat in the Containment sump

COMPLIANCE

- Adsorption capacity of active charcoal filters and filtration system tested to NF X 15-211 - May 2009.
- Standardized warning labels in accordance with ISO 3864 standard, and with European directive 92/58/EEC.
- Compliant with the public health code (articles R5132-66 and R5132-68).
- Electrical assembly complies with the requirements of the low voltage directive 2014/35/EU and EMC Directive 2014/30/EU.
- Equipment conforms to the requirements of IEC61010-1.

ADVANTAGES

- **Labopur®** technology.
- Cabinets delivered ready to use.
- Self-contained cabinets for your safety.
- Elimination of hazardous fumes.
- No connection or evacuation required, no civil engineering solution.
- Immediate visibility of stored products.
- Perforated shelves to allow liquids to drain in the event of an accidental spill.
- Window for checking the presence of the filter adapted to your needs.
- High efficiency active charcoal filter specialised and treated according to the products stored and tested to NF X 15-211 standard.
- Anti-dust filter, 92% efficiency of particles > 3 µm.
- Easy replacement of the active charcoal filter.
- FILTRALARME 6 interface with touch screen for ergonomic operational management of the fume hood.
- 5 languages available: French - English - German - Spanish - Italian.
- Automatic air flow regulation.
- Air flow and hour meter displayed simultaneously.

- The date of installation of the filters and their types is indicated and visible during the operation of the fume hood.

TECHNICAL CHARACTERISTICS

Storage compartment(s):

- 15/10th steel construction, double-walled doors.
- Large polycarbonate glass door(s) with key lock.
- White RAL 9010 and blue RAL 5015 polyester paint.
- Height-adjustable perforated shelves.
- Ventilation holes.

"Ventilation/filtration" compartment:

- Voltage: 220-240 volts
- Electrical power: 63 W
- Fan protection: IP54
- Fan sound power level (excluding air flow): 60 dB(A)
- Maximum electric fan flow rate (excluding connection): 180 m³/h

OPTIONS (see also table on next page)

Additional shelves

Active charcoal filters:

The cabinets are delivered without active charcoal filter. You must select one from the table at the bottom of the next page according to the type of products you store and change them at least once a year.

Filter saturation level control by REACTIVE TUBES:

- Control port on the front of the cabinet
- Hole for the introduction of specialised reagent tubes
- Use of a manual pump.
- Detection of the efficiency or saturation of the active charcoal filter by reading the tubes.



AF2+



AF22+



AF42+



AF43+



AF44+

Model compatible with active charcoal filter	AF2+	AF22+	AF42+	AF43+	AF44+
Model « HEPA H14 ready » compatible with an H14 HEPA filter and / or active charcoal filter		-	-	-	-
External dimensions (mm)	2020 x 800 x 650	2020 x 800 x 650	2020 x 1600 x 650	2020 x 1600 x 650	2020 x 1600 x 650
Internal dimensions H x L x P (mm)	1660 x 780 x 500	1660 x (2x380) x 500	1660 x (2x780) x 500	1660 x (1x780 + 2x380) x 500	1660 x (4x380) x 500
Compartments	1	2	2	3	4
Shelves	4	8 halves	8	4+8 halves	16 halves
Containment sumps	1	2	2	3	4
Storage (L)	with 4 shelves	140	120	280	240
	with 5 shelves	180	150	360	360
Weight (kg)	140	150	280	290	300

Active charcoal filter for organic vapors	ORG200 (16 kg)
Multi-purpose active charcoal filter for organic and corrosive vapors	CORG201 (15 kg)
Active charcoal Filter for formaldehyde vapors	FOR200 (12 kg)
Kit for using without an active charcoal filter	CAR200 (6 kg)

REMINDER: We also propose specific type of filters for specific applications. Please contact us.

Manual pump	PMAF
10 «organic» test tubes	TROR
10 «corrosive» test tubes	TRAC
5 «organic» test tubes and 5 «corrosive» test tubes	TROA
Additional shelf (H25 x W775x D500 mm) for AF2+ ; AF2+H ; AF42+ ; AF43+	ESAF2X
Additional half shelf (H25 x W370 x D500 mm) for AF22+ ; AF43+ ; AF44+	ESAF2-2X

WARNING: The active charcoal filter must be replaced at least once a year.

N.B.1: The ORG200, CORG201 and FOR200 filters are not suitable for enclosures referenced AF2C, AF22C, AF42C, AF43C, AF44C They are only suitable for cabinets with the reference numbers: AF2+, AF22+, AF42+, AF43+, AF44+.

N.B.2: Refer to the table of chemical incompatibilities and precautions for use, to validate the configuration of your cabinet according to your needs.

N.B.3: CORG multipurpose active charcoal filters can adsorb the vast majority of commonly used products: corrosive products, organic compounds or solvents.

Fume hoods, filtering cabinets - Ventilation

Lithium-ion cabinets

Flammable cabinets

Corrosive cabinets

© ECOSAFE reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 01/2025

Toxic cabinets and Multirisk

Containment and cans

File cabinets Anti-fire equipments

Showers and first-aid equipments