

Fume hoods, filtering cabinets - Ventilation
Lithium-ion cabinets
Flammable cabinets
Corrosive cabinets
Toxic cabinets and Multirisk
Containment and cans
File cabinets
Anti-fire equipments
Showers and first-aid equipments

FILTERING VENTILATION SECURE CABINETS



▲ AF5-2X + CORG51



▲ AF3X + CORG51



▲ AFP5-2X + CORG51



▲ AFP3X + CORG51

COMPLIANCE

- Adsorption capacity of active charcoal filters and filtration system tested to NF X 15-211 - May 2009.
- Complies to articles R.5132-66 and R.5132-68 of the Public Health Code.
- Complies with the recommendations of the I.N.R.S.
- Standardized warning labels in accordance with ISO 3864 standard, and with European Directive 92/58/EEC.
- Electric fan conforms to CE specifications.

ADVANTAGES

- **Labopur®** technology.
- Available in 2 versions: Steel doors or glass doors.
- Self-contained cabinets for your safety.
- Elimination of dangerous vapors.
- No connection or evacuation required, no civil engineering solution.
- Ventilation system operation indicator light.
- Window for checking the presence of the filter adapted to your needs.
- Active charcoal filter for organic vapors or high efficiency polyvalent active charcoal filter(1) tested to NF X 15-211 standard.
- Anti-dust filter, 92% efficiency against particles > 3 µm.
- Easy replacement of the active charcoal filter.
- Hour meter permanently indicating the total duration of use of the cabinet. After programming, every 60 hours, an audible

signal indicates that the active charcoal filter needs to be checked for saturation.

TECHNICAL CHARACTERISTICS

- 10/10 steel construction.
- White epoxy paint RAL 9010.
- Standardized warning labels for «Flammable», «Corrosive», «Toxic» or «Harmful» products.
- Height-adjustable containment shelves on rack.
- Removable Containment sumps in the lower part, height 100 mm.
- Independent storage compartments for AFP5-2X and AF5-2X models.
- Hinged doors with key lock.
- Top and bottom ventilation:
 - Air inlet with double grille at the bottom of the doors.
 - Roof outlet Ø 100 mm with grilles.

ventilation box:

- Silent fan: CE 220-240 volts - 50 Hz; 86 m3/hour flow rate; 0,1 A, 20 watt; 43 dB(A) sound level (excluding air flow) with plug and electric cable - IP54 protection.
- Casing to be equipped with a molecular filter ORG50 or CORG51 for indoor discharge, or with a kit for use without active charcoal filter (CAR50) for outdoor connection.



OPTIONS

- Additional shelf EE1 or EE2.
- Active charcoal filters: The cabinets are delivered without active charcoal filters. You must select one from the table below depending on the type of products you are storing. See table.
- PVC containment shelf and containment sump for corrosive products. SEPVC, SBPVC.

- Sampling port in the front.
- Sampling port for the introduction of specialized reagent tubes.
- Use of a manual pump.
- Detection of the efficiency or saturation of the active charcoal filter by reading the tubes.

Absorbent mats to be placed at the bottom of the containment sump (supplied in packs of 10 sheets reference JF10D).

Filter saturation level control by REACTIVE TUBES:

CABINETS TO BE FITTED WITH A FILTER

P/N	Description	Dimensions H x W x D (mm)	Storage capacity (L)	Containment capacity (L)	Number of shelves	Weight (kg)
AFP3X	Filtering ventilation cabinet with steel door	Ext. 2135 x 560 x 545 Int. 1795 x 555 x 480	150	41	3	75
AF3X	Filtering ventilation cabinet with glass door	Ext. 2135 x 560 x 545 Int. 1795 x 555 x 480	150	41	3	75
AFP5-2X	Filtering ventilation cabinet with steel doors	Ext. 2135 x 1110 x 545 Int. (2x) 1795 x 555 x 480	(2x) 140	(2x) 41	6	130
AF5-2X	Filtering ventilation cabinet with glass doors	Ext. 2135 x 1110 x 545 Int. (2x) 1795 x 555 x 480	(2x) 140	(2x) 41	6	130

ACTIVE CHARCOAL FILTER AND ACCESSORIES

P/N	Description	Dimensions H x W x D (mm)	Containment capacity (L)		Weight (kg)
CORG51	Multi-purpose active charcoal filter ⁽¹⁾	70 x 390 x 390	-	To be changed at least once a year.	9
ORG50	Active charcoal filter for organic vapors	70 x 390 x 390	-		8
FOR50	Active Charcoal Filter for formaldehyde vapors	70 x 390 x 390	-		8
CAR50	Kit for using without filter				4
PMAF	Manual pump for reagent tubes				0,4
TROR	10 reagent tubes for "organic" tests				0,1
TRAC	10 reagent tubes for "corrosive" tests				0,1
TROA	5 reagent tubes for «organic» tests and 5 reagent tubes for «corrosive» tests				0,1
EE1	Additional containment shelf for AFP3X and AF3X	22 x 550 x 465	5	-	5
EE2	Additional containment shelf for AFP5-2X and AF5-2X	30 x 545 x 470	7	-	5
SEPVC	PVC additional containment shelf	20 x 525 x 455	5	-	4
SBPVC	PVC containment sump	90 x 535 x 465	24	-	3
JF10D	Absorbent mats (pack of 10 sheets)				1

(1) CORG multipurpose active charcoal filters can adsorb the vast majority of commonly used products: corrosive products, organic compounds or solvents.

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