

**RANGE 12.X**

CE



# FILTERING VENTILATION SAFETY CABINETS



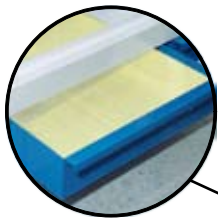
Sampling port test of the filter saturation



Active charcoal filter



Control window for filter presence



Industrial absorbent mat in retention tank



Perforated shelves adjustable in height



^AF43C+ CORG301

## CERTIFICATION

- Adsorption capacity in compliance with the NF X 15-211 norm.
- Large warning labels in compliance with ISO 3864 norm and 92/58/CEE european directive.
- Electric fan in compliance with CE specifications

## ADVANTAGES

- Cabinet delivered ready to use.
- Independent cabinet ensuring perfect security.
- Elimination of dangerous vapors.
- No need to connect to a central exhaust system. No modification of building structure required.
- Easy sight of the stored products.
- Perforated shelves allowing liquids flow in case of discharge.
- Ventilation system with lighting control.
- Window control for presence of the filter adapted to your needs.
- Specialised high efficiency active charcoal filter, in compliance with the NF X 15-211 norm, treated following chemical products stored.
- Dust pre-filter, 92% efficiency with more than 3 µm particles.
- Easy replacement of the active coal filter.
- Hour counter continuously indicating the total duration of the cabinet's use. After programming, beep will indicate, after 60 hours, the necessity to control the activated carbon filter saturation.

## TECHNICAL CHARACTERISTICS

### Storage compartment:

- Built in 15/10<sup>th</sup> steel. Simple or double doors construction (AF1X : built in high pressure laminated).
- Large glazed door(s) with framing.
- White polyester paint (RAL 9010).
- Perforated shelves adjustable in height.
- Ventilation grids
- Bottom containment drawer / sump with absorbing mat

### Ventilation/filtration compartment:

- Noiseless fan : 220-240 volts - 50 Hz; flow: 202 m<sup>3</sup>/h; 0,2 A; 47 watts; sound level 49 dB(A) (without airflow); delivered with cable and plug.

### OPTIONS (see also table on the following page)

#### - Additional shelf

#### - Active charcoal filters:

- The cabinets are delivered without active charcoal filter. You must select one depending on your chemicals stored.

#### - Control of filter saturation level by REACTIVE TUBES:

- Control port on the front of the cabinet
- Use of a manual pump
- Control of efficiency of active coal filter's saturation level by observing the tubes.

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Model compatible with active carbon filter		AF1C	AF2C	AF22C	AF42C	AF43C	AF44C
Model « HEPA H14 ready » compatible with an H14 HEPA filter and / or active carbon filter		<b>AF1C1</b>	<b>AF2C1</b>	-	-	-	-
Outside dimensions (mm)	H	1900	1900	1900	1950	1950	1950
	W	800	800	800	1600	1600	1600
	D	545	545	545	545	545	545
Inside dimensions (mm)	H	1500	1660	1660	1660	1660	1660
	W	760	780	(2x) 380	(2x) 780	(1x) 790 + (2x) 380	(4x) 380
	D	500	500	500	500	500	500
Compartments		1	1	2	2	3	4
Number of shelf		4	4	8 half	8	4+8 half	16 half
Number of containment sump		1	1	2	2	3	4
Storage capacity (L) with 4 shelves		140	140	120	280	260	240
Storage capacity (L) with 5 shelves		180	180	150	360	330	360
Maximum load by shelf <sup>(1)</sup>		60	60	40	60	60 + 40	40
Weight (kg)		115	140	150	280	290	300
Active carbon filter For organic vapours		ORG300 (16 kg)	ORG300 (16 kg)	ORG300 (16 kg)	ORG300 (16 kg)	ORG300 (16 kg)	ORG300 (16 kg)
« Universal » active carbon filter for organic and corrosive vapours		CORG301 (15 kg)	CORG301 (15 kg)	CORG301 (15 kg)	CORG301 (15 kg)	CORG301 (15 kg)	CORG301 (15 kg)
Active carbon filter for formaldehyde vapours		FOR300 (16 kg)	FOR300 (16 kg)	FOR300 (16 kg)	FOR300 (16 kg)	FOR300 (16 kg)	FOR300 (16 kg)
Kit for using without an active carbon filter		CAR300 (3 kg)	CAR300 (3 kg)	CAR300 (3 kg)	CAR300 (3 kg)	CAR300 (3 kg)	CAR300 (3 kg)
H 14 HEPA filter frame		SH300	SH300	-	-	-	-
H14 HEPA filter for powders		HEP300	HEP300	-	-	-	-

Please remember that for each specific application we can provide filters.

Manual pump	PMAF	PMAF	PMAF	PMAF	PMAF	PMAF
Pack of 10 reactive tubes for « organic tests »	TROR	TROR	TROR	TROR	TROR	TROR
Pack of 10 reactive tubes for « corrosive tests »	TRAC	TRAC	TRAC	TRAC	TRAC	TRAC
Pack of 5 reactive tubes for « organic tests » and 5 for « corrosive tests »	TROA	TROA	TROA	TROA	TROA	TROA
Additional shelf (H25 x L780 x P500 mm) for AF1C – AF1CH – AF2C – AF2CH – AF4-2C – AF4-3C	ESAF2X	ESAF2X	-	ESAF2X	ESAF2X	-
Additional half-shelf (H25 x L370 x P500 mm) for AF2-2C – AF4-3C – AF4-4C	-	-	ESAF2-2X	-	ESAF2-2X	ESAF2-2X

CAUTION! The active charcoal filter must be changed at least once a year.

<sup>(1)</sup> Evenly distributed

**N.B.:** Our ORG300 and CORG301 filters can not be used with AF2, AF2-2, AF4-2, AF4-3, AF4-4 and AF1 cabinets. You can only use these filters with AF2X, AF2-2X, AF4-2X, AF4-3X, AF4-4X, AF1X, AF1X1, AF2X1, AF2C, AF22C, AF42C, AF43C, AF44C, AF1C, AF1C1 et AF2C1 cabinets.

The manufacturer reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 04/2017

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

Anti-fire equipments and File cabinets

Showers and first-aid equipments