

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

**RANGE 3030.X**

**EN 14470-1 FM 6050**



# EN 14470-1 & FM<sup>(1)</sup> FILTERING VENTILATION SAFETY CABINETS TYPE-30 MINUTES



AF35  
+CORG51

APPROVED  
**30** min  
ACCORDING TO  
EN 14470-1

AFV34  
+CORG51

AF34  
+CORG51

## CERTIFICATION

- Adsorption capacity in compliance with the NF X 15-211 norm.
- In compliance with the health regulation articles (R.5132-66 and R.5132-68).
- In compliance with the recommendations of the National Institute of Research and Safety at work.
- Tested and approved Type 30 according to EN 14470-1 (04-2004) and EN 1363-1 (06-2000).
- <sup>(1)</sup>Tested and certified 10 minutes to FM 6050 (Factory Mutual international) - Certification supplement in progress.
- Standardized pictograms according to ISO 3864, NF X08.003, Directive 92/58 / EEC, EN 14470-1 (04-2004) and FM specifications.
- Electric fan in compliance with CE specifications.

## ADVANTAGES

- Available with Polymethylmethacrylate glazed doors.
- Independent cabinet ensuring perfect security.
- Elimination of dangerous vapors.
- No need of connection to an exhausting system. No modification of building structure required.
- Ventilation system with lighting control.
- Specialized 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 change of the active coal filter.
- Fire resistance of 30 minutes according to ISO 834 standard curve.
- Pedestal area under driveable by a forklift by removing panel.
- Self-closing cabinets, with predominant wing (doors models AFV35 and AF35) thanks to thermofuse starting at 43 °C.

## TECHNICAL SPECIFICATIONS

### Storage compartment(s):

- Construction in insulating panels offering a high resistance to chemical aggressions.
- RAL 7035 light gray frame with yellow plated fields RAL 1023.
- Glazed door (s), thickness 17 mm. (for models AFV34 and AFV35)
- Labelling with standardized symbols.
- Adjustable shelves in height with 32 mm pitch.
- Removable tray in the lower part.
- Air inlet and outlet Ø 100 mm for possible connection.
- Doors with automatic closing with predominance of wings.
- Door system in open position with automatic closing in case of fire.
- 3-points lock.
- Closure with anti-spark lock.
- Leveling feet for leveling adjustment.
- Independent storage compartments for AFV35 and AF35 models.

### Ventilation/filtration compartment:

- Noiseless fan :220-240 volts - 50 Hz - 0,2 A - 47 watts; flow: 86 m<sup>3</sup>/h; 0,1A; 20 watts; sound level 43 dB(A); protection: IP54; delivered with cable and plug.
- The cabinets are delivered without active charcoal filter. You must select a filter depending on your stored chemicals.

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



## OPTIONS

- **Additional shelf, Perforated cover plate, retention drawer**

- **Active charcoal filter:**

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

- **Containment shelf and base trough in PVC** for corrosive products.

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

- Control port on the front.
- Use of a manual pump.
- Active coal filter saturation level efficiency control by tube reading.

- **Industrial absorbent mat for retention tank (P/N JF10D).**

## CABINETS (must be equipped with a filter)

P/N	Description	Dimensions H x W x D (mm)	Storage capacity (L)	Containment capacity (L)	Number of shelves	Weight(kg)
AF34	Filtering ventilation cabinet	Ext. 2210 x 605 x 550 Int. 1581 x 491 x 419	130	20	3	132
AFV34	Filtering ventilation cabinet with glazed door	Ext. 2210 x 605 x 550 Int. 1581 x 491 x 419	130	20	3	132
AF35	Filtering ventilation cabinet	Ext. 2210 x 1115 x 550 Int. (2x) 1581 x 490 x 419	(2x) 120	(2x) 20	6	247
AFV35	Filtering ventilation cabinet with glazed door	Ext. 2210 x 1115 x 550 Int. (2x) 1581 x 490 x 419	(2x) 120	(2x) 20	6	247

## CHARCOAL FILTERS AND ACCESSORIES

P/N	Description	Dimensions H x W x D (mm)	Storage capacity (L)	Containment capacity (L)	Number of shelves	Weight (kg)
CORG51	Active coal filter for corrosive and organic vapors <sup>(1)</sup>	70 x 390 x 390	-	-	-	9
ORG50	Active coal filter for organic vapors	70 x 390 x 390	-	-	-	8
FOR50	Active coal filter for formaldehyde vapors	70 x 390 x 390	-	-	-	8
CAR50	Kit for using without filter					2
PMAF	Manual pump					0,4
TROR	Pack of 10 reactive tubes for «organic tests»					0,1
TRAC	Pack of 10 reactive tubes for «corrosive tests»					0,1
TROA	Pack of 5 reactive tubes for «organic tests» and 5 reactive tubes for «corrosive tests»					0,1
E48	Steel additional containment shelf	30 x 490 x 410	-	6	-	3
SE148	PVC additional containment shelf	20 x 475 x 405	-	5	-	3
SB148	PVC containment sump	100 x 475 x 405	-	19	-	4
JF10D	Industrial absorbent mat (10 sheets)					1

<sup>(1)</sup> The CORG multi-purpose activated carbon filter allows the vast majority of commonly used products to be adsorbed: organic and organic acids, organic compounds or solvents.