

Рециркуляционные воздушные коробки диапазон V - H50

Технические характеристики

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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

Labopur® RECIRCULATING AIR BOX



▲ H50+ + CORG51



▲ H50+S + CORG51 (filter change)



1 FILTRALARME 5 Interface



2 Active charcoal filter



3 Control window

OPERATING PROCESS

Take advantage of **Labopur®** technology onto any cabinet. The electric fan allows the extraction of harmful and toxic vapors from your cabinet. They are purified as they pass through the active charcoal filter and then released into the atmosphere without harming the environment.

COMPLIANCE

- Adsorption capacity of active charcoal filters and filtration system tested and approved to NF X 15-211 - May 2009.
- Electrical fan conforms to CE specifications.

ADVANTAGES

- **Labopur®** technology.
- Adaptable to any cabinet, 3 connection possibilities.
- Solution without civil engineering, simple and aesthetic assembly.
- Indicator light for ventilation system operation.
- 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, tested to NF X 15-211 - May 2009.
- Anti-dust filter, 92% efficiency against particles < 3 µm.
- Easy replacement of the active charcoal filter.
- FILTRALARME 5 interface with touch screen for ergonomic hood management.
- 5 languages available: French - English - German - Spanish - Italian.
- Automatic airflow regulation.
- Airflow and hour meter displayed simultaneously.
- Date of installation of filters and filter types indicated and visible during operation.

DIGITAL SCREEN (H50+S)

- Measures airflow velocity (0.4- 0.6 m/s) and thus detects and alerts you with an audible and visual signal about filter clogging or any airflow anomaly.
- In compliance with standard NF X 15-211. The automatic airflow regulator (0.4-0.6 m/s) analyzes airflow speed in real time and checks that the hood is operating at negative pressure.

TECHNICAL CHARACTERISTICS

- 12/10th steel construction.
- Epoxy painted white RAL 9010 and blue RAL 5015.
- Suction diameters: Ø 100 mm.
- **H50:** Silent electric fan, 43 dB(A) (excluding airflow), 220-240 volts - 20 watt - 0.1 A - flow rate 86 m3/h.
- **H50+S:** Electric fan: fan sound power (excluding air flow) 60dB(A); Voltage: 220-240 Volts; Electrical power: 63Watts; Current: 1A; Flow rate: 180m3/h; Protection: IP54.

OPTIONS

- Active charcoal filter: boxes are delivered without active charcoal filter.
- You must select one from the table below according to the types of products you store.
- Filter saturation level control by REACTIVE TUBES: Control port on the side of the cabinet.
- Hole for introduction of specialized reagent tubes. Use of a hand pump.
- Detection of the efficiency or saturation of the active charcoal filter by reading the tubes.
- Connection kit option (KRC):
 - Allows easy connection of an Air Box to a safety cabinet.
 - 1 Ø 100 mm sleeve, ref. CHJ, to be fixed on the ventilation outlet of your cabinet.
 - 1 metre of Ø 100 mm flexible hose, ref. KL100.
 - 2 clamps Ø 100 mm, ref. CDS100.

REMINDER: We also propose specific type of filters for specific applications. Filters must be changed at least once a year.

P/N	Description	Dimensions H x W x D (mm)	Weight (kg)
H50+	Recirculating air box (delivered without filter)	310 x 510 x 485	15
H50+S	Recirculating air box with filtralarme 5 (supplied without filter)	310 x 510 x 485	15
ORG50	Active charcoal filter for organic vapors	70 x 390 x 390	8
CORG51	Polyvalent active charcoal filter ⁽¹⁾ for corrosive and organic vapors	70 x 390 x 390	9
FOR50	Active charcoal filter for formaldehyde vapors	70 x 390 x 390	9
CAR50	Kit to use recycling air box without filter	70 x 390 x 390	2
PMAF	Manual pump	-	0,4
TROR	10 organic test tubes	-	0,1
TRAC	10 "corrosive" test tubes	-	0,1
TROA	5 "organic" and 5 "corrosive" test tubes	-	0,1
KRC	Connection kit for box	-	1

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

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