



Labopur® VERTICAL RECIRCULATING AIR BOX

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

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▲ H40+ + ORGFC
(Bench and cabinet not included)



▲ H40+ + ORGFC (for changing the filter)



1
Timer



2
Castors



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.
- Suitable for any cabinet, especially for under-bench cabinets.
- Civil engineering-free solution, simple and aesthetic installation.
- Ventilation system operation indicator light.
- 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.
- ADVANTAGES
- Anti-dust filter, 92% efficiency against particles < 3 µm.
- Easy replacement of the active charcoal filter.
- Castors at the back for easy movement.

TECHNICAL CHARACTERISTICS

- 12/10th steel construction.
- White RAL 9010 and blue RAL 5015 epoxy paint.
- Silent electric fan, 43 dB(A) (excluding air flow), 220-240 volts - 20 watt - 0,1 A - flow rate 86 m3/h - IP54 protection.
- Suction diameter: Ø 100 mm.

OPTIONS

- Active charcoal filter: The boxes are delivered without an 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 at the front of the chamber.
- 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 flexible hose Ø 100 mm, ref. KL100.
 - 2 clamps of 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)
H40+	Vertical recirculating air box (delivered without filter)	630 x 270 x 460	18
ORGFC	Active charcoal filter for organic vapors	100 x 200 x 400	8
CORGFC	Polyvalent active charcoal filter ⁽¹⁾ for corrosive and organic vapors	100 x 200 x 400	9
FORFC	Active charcoal filter for formaldehyde vapors	100 x 200 x 400	9
CARFC	Kit to use recycling air box without filter	100 x 200 x 400	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.