

RANGE H**CE**

RECIRCULATING AIR BOX Labopur®

Take advantage of Labopur®'s technology with any safety cabinet



▲ H50C + CORG51



▲ H50C + CORG51 (for changing the filter)

OPERATING PROCESS

The fan extracts harmful and toxic vapors from the cabinet. The charcoal filter purifies the fumes before safely rejecting them in the environment.

CONFORMITY

- Active charcoal filters adsorption capacity and filtration system are tested and certified NF X 15-211.
- Electric fans are in conformity with European specification CE.

ADVANTAGES

- Labopure's technology.
- Adaptability to all types of cabinets, with 3 inlets for connection.
- Easy installation and connection.
- Warning light insures good functioning of the ventilation system.
- Front control window immediately indicates if the filter is inside and well adapted to your needs.
- High efficiency active charcoal filter specialised and treated following products stored in compliance with NF X 15-211.
- Dust-protecting pre-filter, efficiency 92% for particles over 3 µm.
- Easy replacement of the active charcoal filter.
- The standard timer supplied with your recirculating air box indicates the total use of your box. After programming, every 60 hours, a sound alarm invites you to check the saturation of the active charcoal filter.

TECHNICAL SPECIFICATIONS

- Steel frame 12/10th.
- Epoxy painting : white RAL 9010, blue RAL 5015.
- Soft and silent electrical fan : 220-240 volts - 20 watts - 0,1 A - 43 db (A) (excluding air flow) - Airflow 86 m³/hour - Protection : IP54.
- Inlet airflow diameter : 100 mm.

OPTIONS

- Active charcoal filter : boxes are provided without active charcoal filter. You have to select the type of filter in the boarding bellow, as per the stored products.
- Connecting kit.
- Control of filter saturation level by REACTIVE TUBES: Control port on the front of the box. Easy using of specialized reactive tubes. Using of manual pump for testing. Control of the filter efficiency by reading the reactive tubes color codes.

We remind you that you can use filter for specific applications.

CONNECTING KIT OPTION (KRC)

The kit allows to connect easily your ventilation or filtration box with any cabinet.
It includes :



- 1 sleeve diameter 100mm, ref CHJ, to fix on the exhaust of the cabinet.
- 1 meter of flexible tube diameter 100mm ref KL 100.
- 2 clamp diameter 100 mm, ref. CDS100.

Ref.	Description	Dimensions H x W x D (mm)	Weight (kg)
H50C	Recirculating air box (delivered without filter)	310 x 505 x 485	15
ORG50	Active charcoal filter for organic vapors	70 x 390 x 390	8
CORG51	Polyvalent active charcoal filter 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 recirculating air box without filter	70 x 390 x 390	2
PMAF	Manual pump	-	0,4
TROR	Pack of 10 reactive tubes for organic tests	-	0,1
TRAC	Pack of 10 reactive tubes for corrosives tests	-	0,1
TROA	Pack of 5 reactive tubes for organic test and 5 reactive tubes for corrosive tests	-	0,1

⁽¹⁾ The latest generation «CORG» filter adsorbs a large majority of chemicals commonly used in laboratories : organic and inorganic acids, solvents and organics.