

RANGE 14.X

CE



RECYCLING AIR BOX Labopur®

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



H50 + CORG51 ▲



OPERATING PROCESS

The fan extracts harmful and toxic vapors from the cabinet. The charcoal filter purifies the fumes, and then, they are rejected safely in the environment.

CONFORMITY

- Active coal filters absorption's capacity and filtration system are tested and certified NF X 15-211.
- Electric fans are in conformity with European specification CE.

ADVANTAGES

- Labopur's technology.
- Adaptability to all types of cabinets, with 3 inlets for connection.
- Easy installation and connection.
- Warning light insures of good functioning of the ventilation system.
- Front control window indicates immediately if the filter is inside and well adapted to your needs.
- High efficiency active coal filter specialised and treated following products stored in compliance with NF X 15-211.
- Dust-protecting pre-filter, efficiency 92% for particles < 3 µm.
- Easy replacement of the active coal filter.
- The standard timer supplied with your recycling 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 coal 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 coal filter : boxes are provided without active coal filter. You have to select one kind of filter in the boarding bellow, in accordance with the stored products.
- Connecting kit.
- Control of filter saturation level by FILTERALARM: Control by sensor. Electronic board mesuring the airflow through the filter. Adjustment allowing detection for filter sealing or airflow troubles. The sound system underlines a dysfunction. Warning light indicator.
- 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 efficiency of the filter by reading color codes of reactive tubes.

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

CONNECTING KIT OPTION (KRC)

It 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 100mm, ref CDS 100.

Ref.	Description	Dimensions H x W x D (mm)	Weight (kg)
H50	Recycling air box (delivered without filter)	310 x 460 x 460	15
ORG50	Active coal filter for organic vapors	70 x 390 x 390	8
CORG51	Polyvalent active coal filter ⁽¹⁾ for corrosive and organic vapors	70 x 390 x 390	9
FOR50	Active coal 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
SFA2	Filteralarm (need to be ordered with the recycling air box)	-	-
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 test and 5 reactive tubes for corrosive tests	-	0,1

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