

RANGE V**ISO 3744 CE**

VENTILATION AND FILTRATION BOXES

CDV-A
+ option KRC
+ option KL100
+ option CDS100



CDF-P
+ option KRC



VENTILATION BOX (CDV-A)

USE AREA

The electric fan allows the extraction of toxic vapours generated inside your safety cabinet.

CONFORMITY

- Electric fan in compliance with ISO 3744; CE marking.

ADVANTAGES

- Adaptable to all of our cabinets.
- Simple and aesthetic fitting.
- Easy connection between the cabinet and the vent box.
- Connection by flexible tube Ø 100 mm (in option).
- Lighting control allowing to survey the proper working of the fan.

TECHNICAL SPECIFICATIONS

- Built in steel 12/10th, white epoxy paint RAL 9010.
- Electric engine with switch ON/OFF with lighting control.
 - 220/240 volts – 50 Hz – 97 W - 0,54 A - 55,5 dB(A) (excluding air flow)
 - Flow : 215 m³/h – Protection : IP44.
 - Exhaust inlet and outlet : Ø 100 mm.

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 100 mm; ref. CDS100.

FILTRATION BOXES (CDF-A, CDF-ACORG ET CDF-P)

USE AREA

The electric fan allows the exhaust of toxic vapours generated inside your safety cabinet. The vapours are purified by the active coal filter and rejected without danger in the atmosphere.

CONFORMITY

- CE marking

AVANTAGES

- Adaptable to all of our cabinets.
- No modification of building's structure required.
- Simple and aesthetic fitting.
- Easy connection between the cabinet and the vent box.
- Connection by flexible tube Ø 100 mm (in option).

TECHNICAL SPECIFICATIONS

Filtration box CDF-A model (not shown on the picture)

- Built in steel 12/10th; White epoxy paint RAL 9010.

Filtration box CDF-P model

- Built in Cellular PVC; White colour.

Each box contains 2 independent compartments:

Filtration compartment :

- «Candle» type active coal filter (H150 x Ø150 mm) : ref.CDFORG on CDF-A model and CDFCORG on CDF-P model; must be changed at least once a year.
- Filter settled on the box by 3 lugs and airtightness insured thanks to a rubber seal.

Ventilation compartment:

- Electric engine :
 - 220/240 volts – 50 Hz – 20 W - 0,09 A - 43 dB(A) (excluding air flow).
 - Flow: 86 m³/h – Protection : IP20.
 - Exhaust inlet and outlet : Ø 100 mm / d'évacuation : Ø 100 mm.

P/N	Description	Overall dimension H x W x D (mm)	Equiped with active coal filter	Weight (kg)
CDV-A	Ventilation box in steel	235 x 235 x 250	no	8
CDF-A	Filtration box in steel with filter	310 x 410 x 282	CDFORG	13
CDF-ACORG	Filtration box in steel with filter CDFCORG	310 x 410 x 282	CDFCORG	13
CDF-P	Filtration box in cellular PVC with filter CDFCORG	330 x 462 x 296	CDFCORG	10
KRC	Connecting kit for box	-	-	1
KL100	1 metre flexible tube Ø 100 mm	-	-	0,2
CHJ	Connection unit Ø 100mm	-	-	0,1
CDS100	Clamp collar Ø 100mm	-	-	-
CDFORG	Active coal filter for organic vapours	H 150 x Ø 150	Filter must be changed at least once a year	3
CDFCORG	Active coal filter for corrosive organic vapours	H 150 x Ø 150		3
CDFFOR	Active coal filter for formaldehyde vapours	H 150 x Ø 150		3

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