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TECHNICAL INFORMATION

PRODUCT	CBC-A-112
Dimensions, mm (WxHxD)	internally 1120 x 525 x 580 externally 1275 x 625 x 760
Air extraction	180 - 230 m ³ /h
Weight, kg	53
Noise level	49 dB(A) at 1 m, 200 m ³ /h
Power	110/240 V, 50/60 Hz, 6,3 A

SAFETY INSTRUCTIONS

NOTE! The Air Curtain Cabinet must not be exposed to a temperature over +50°C, open fire or to condensed solvents.

TECHNICAL FUNCTION



Filtronic AB

Box 2284

SE-531 02 Lidköping

Tel +46 (0)510-208 10

Fax +46 (0)510-201 40

E-mail office@filtronic.se



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For a better workbench environment

FILTRONIC AIR CURTAIN CABINET CBC



Air curtain creates a better workbench environment

People working in laboratories can be exposed to a number of unpleasant substances. Solvents, bad smelling samples or substances with unknown contents are efficiently extracted even with the large open front of the cabinet.

The CBC cabinet uses twin air curtain technology blowing down the open face and up the rear face. This creates a rotation of the air mass inside the cabinet and prevents the fumes from escaping. The dirty air can then be efficiently removed from the top of the cabinet with a relatively low extraction rate. This can be achieved with a standard Filtronic mobile filter unit or extraction through a central system.

The result ensures the operator always has access to clean air within the breathing zone and the freedom of an open front cabinet to work in.

Open front, large working area

The air curtain concept removes the need for a front glass screen, creating a more user-friendly environment for the operator to see and move about freely. There is also easier access for equipment and tools.

Mobile system

The Air Curtain Cabinet sits directly on the workbench surface and is lightweight enough to be easily portable from one area to another. No fixed installation is required.

Low running costs

A normal suction cabinet consumes around 1000 m³/h. The Air Curtain Cabinet only needs 200 m³/h. This means very low running costs. If a central ventilation system is used much less air needs to be replaced and heated up (or cooled down). If Filtronics mobile filter system is used no air at all needs to be replaced.

ADVANTAGES

- Unique air curtain gives the operator clean air
- Large working space, easy to work
- Mobile system
- Low running costs