Secureair
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DFC11NBM dust and fume extractor

Sectors Welding, Grinding, Powder blowing, Sanding,

Applications Mobile

Issues Powders

COD: **DFC11NBM0000000**

The DFC11 mobile dust and fume extractor with self-cleaning filters is the ideal solution for extracting and filtering fumes and micro-dust generated during surface treatment processes on metals or composite materials.

MADE IN ITALY

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Insight

The **DFC11** mobile fume and dust extractor is designed to extract and filter dust, shavings, fumes, and even very fine and volatile micro-dust generated during the surface treatment of metals, composite materials, and in general by all professional processes that produce airborne volatile pollutants.
It does not require any special installation, as it is supplied ready for use and simply needs to be connected to a power supply and compressed air.
The air, filtered with 99% efficiency, is returned to the environment or, on request, can be channeled outside where regulations do not allow recirculation.
The **DFCNB** version is designed to be connected to the suction side of plants, systems, and machinery and comes complete with one 160 mm diameter connection (see options for other diameters and accessories).
Thanks to the integrated fan and cartridge filters with timed pneumatic cleaning, it is a highly efficient dust extractor, ideal for many applications such as:

- Welding fumes and portable thermal cutting
- Grinding, deburring, or sanding dust
- Dust from emptying drums or handling

Its compact size, wheels, and handles ensure easy movement close to the work area.

TECHNICAL DATA

Nominal flow rate 2000 m^3/h
Motor power 1.1 kW 220/1/50*
Sound level 79 dB(A) at 1.5 m in free field
Filtering efficiency 99%
*Three-phase 400V available on request

ADVANTAGES AND OPERATION

- Compact design developed in height for minimum space requirements in production
- Mobile: allows access to various welding points;
- Filtered air returned to the environment (can be channeled outside if necessary)
- Pre-chamber for spark, chip, and heavy dust suppression
- Dust and chip collection drawer located on the side of the machine, with nylon bag on request
- Final filtration with polyester cartridge filter, efficiency ≥99%
- Automatic cleaning of filters with compressed air, for maximum energy savings and long filter element life

TECHNICAL SPECIFICATIONS

- Sturdy galvanized or painted sheet metal construction
- Large filtering surface with polyester/antistatic polyester or Teflon-coated cartridges;
- Automatic cleaning of filters with compressed air;
- Built-in fan with high-efficiency motor;
- Practical collection drawer;
- Single-phase 220/1/50Hz or three-phase 400/3/50 power supply with industrial plug
- Suction on/off switch;
- Adjustable filter cleaning timer;
- Handles for easy handling.

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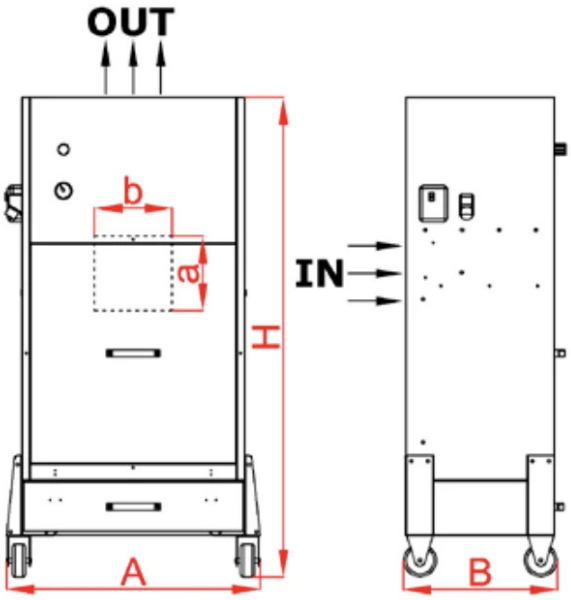
Dimensions



See documentation for drawings and technical data sheet

Code	Drawer L	A mm	a mm	B mm	b mm	C mm	D mm	H mm
DFC11NBM0000000	70	810	270	540	280	920	615	1750

Technical Data

Code	Power kW	Nominal flow rate m3 / h	Useful pressure Pa	Liv son Db (A)	Sup filter m2	Filter effect %	Cartridges num.	Motor	Cartridge type	Drawers (size) L
DFC11NBM0000000	1,1 - 220V	2000	1000	79	20	99	2	Single-phase	Cellulose/polyester/antistatic polyester	40

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Related accessories

Triple 100 mm connection with damper for DFC

3X100ASPMFC1100

Triple suction connection diam. 100 mm for DFC11

Hopper and dust collection container kit for DFC11 purifier

TRAMCONTDFC0000

Hopper and dust collection container kit for DFC11 purifier.

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Related spare parts

Replacement cartridge kit for DFC11

Original replacement: no.1 pair of polyester cartridges for DFC11

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Related Products

DFC11NBTX fume and dust extractor with ATEX components

DFC11NBTX000000

The DFC11NBTX series mobile wheeled fume and dust extractor is designed for the extraction and filtration of fumes and micro-dust. This version is equipped with ATEX components.

DFC11 dust and fume extractor with self-supporting arm

DFC11MB00000000

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