



ZINCOCAR DF sanding booth is a modern, plug-and-play filter device with ease of maintenance, maximum filtration efficiency and stand-alone installation.

Usage Areas

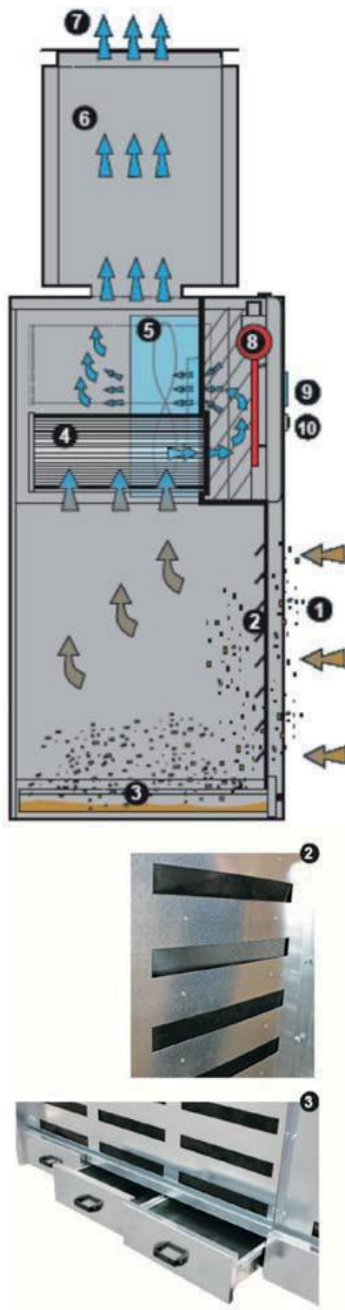
- Wood sanding powder
- Metal grinding/sanding powder
- Welding fumes
- Powders generated because of material processing
- Dust from metal surface coating

The ZINCOCAR DF is designed and developed for a variety of difficult applications in workshops.

- In local places or in places where the exhaust outlet is difficult or impossible,
 - In complex or inappropriate places in the duct installation,
 - Where there is a need to vent outside air and recycle outdoor air to prevent energy loss of an air-conditioned or heated workshop,
 - In environments where the source of pollutants or smoke changes depending on the process,
- Where there is insufficient local exhaust outlet by portable units or where the existing pollution control system is weak,

Benefits of the ZINCOCAR DF

Energy savings, reduction in heating or air conditioning costs,
Easy and low-cost air purification renewal without the need for piping,
Quick maintenance of horizontal cartridges,
Stand-alone positioning with the possibility of relocation depending on urgent needs, Easy dust discharge thanks to the wheeled container,
Plug-and-play installation with only compressed air connection and electrical power, Low noise operation thanks to high-efficiency backward-curved sparse blade fans,
Ensuring filtered air circulation in the work area,



1. Dust inlet
2. Non-reversible rubber mouth
3. Dust collector drawer
4. Cartridge filter
5. Fan
6. AFON silencer
7. Filtered air outlet
8. Compressed air tank
9. Cyclic programmer (PLC)
10. On/Off Switch

ZINCOCAR DF

Principle of operation

The cabinets are made of galvanized or optionally painted sheet metal panels, bolted to each other.

The operating procedure of the ZINCOCAR DF standing booth is simple and effective, it is clearly shown in the diagram.

A vacuum is created by means of a soundproofing centrifugal fan located in the upper part of the cabinet. This vacuum returns the air to the environment by passing it through high-efficiency M-class cartridge filters. The fully purified air is expelled by the centrifugal fan.

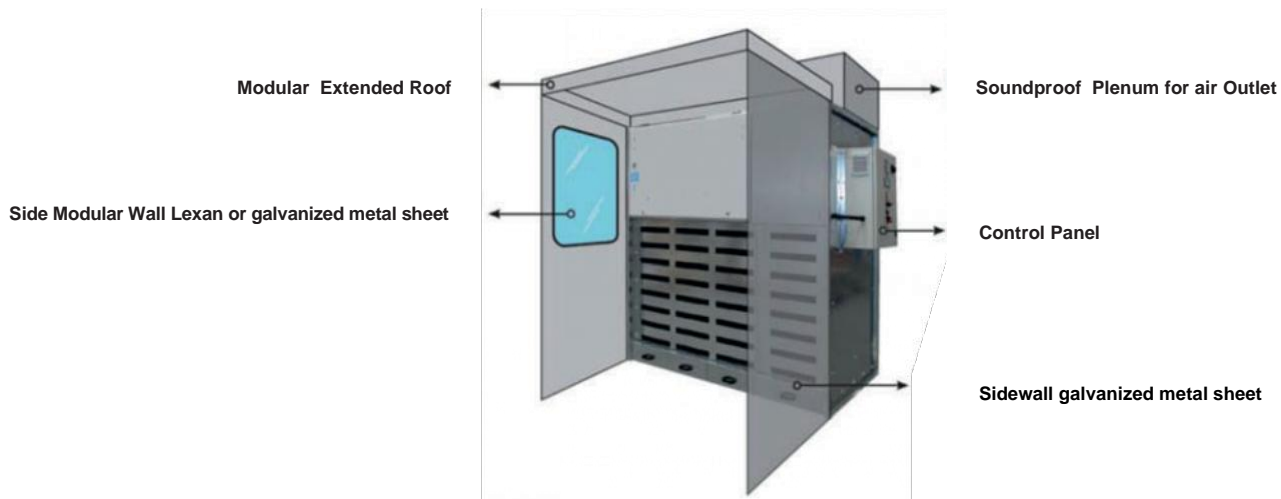
The cabinet is also equipped with a cyclical programmer for automatic cleaning of compressed air and filtration cartridges with an ON/OFF switch.

The standard version of the ZINCOCAR DF includes an AFON silencer.

Technical Specifications

	Flow m³/h	Fan Kw	Filter Surface Area m²	Sound Level dB(A)	Dust Collection Capacity Liter
ZINCOCAR DF 1,5	6000	3	90	72	135
ZINCOCAR DF 2	8000	4	120	72	175
ZINCOCAR DF 2.5	10000	5,5	150	73	215
ZINCOCAR DF 3	12000	7,5	180	73,5	255
ZINCOCAR DF 4	16000	4+4	240 (120+120)	75	350 (175+175)
ZINCOCAR DF 5	20000	5,5+5,5	300 (150+150)	76	430 (215+215)
ZINCOCAR DF 6	24000	7,5+7,5	360 (180+180)	76,4	510 (255+255)

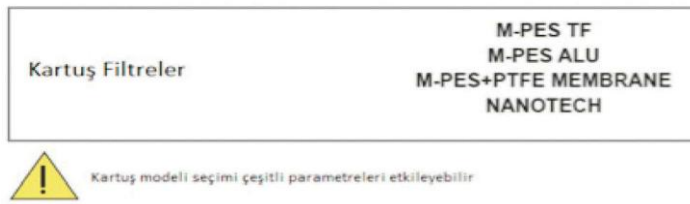
Optional Parts



Cartridge Filters

	Number of Cartridges	IFA/BGIA Value	Cartridge Dimensions mm	Filter Surface Area m ²
OF ZINCOCAR 1.5	6	M-CEL	0325 x H700	90
OF ZINCOCAR 2	8			120
OF ZINCOCAR 2.5	10			150
OF ZINCOCAR 3	12			180
OF ZINCOCAR 4	16 (8+8)			240 (120+120)
OF ZINCOCAR 5	20 (10+10)			300 (150+150)
OF ZINCOCAR 6	24 (12+12)			360 (180+180)

Optional Alternate Filters



Dimensions

	A	B	H	C
ZINCOCAR DF 1,5	1733	1095	2115	1653
ZINCOCAR DF 2	2233	1095	2115	2153
ZINCOCAR DF 2.5	2733	1095	2115	2653
ZINCOCAR DF 3	3233	1095	2115	3153
ZINCOCAR DF 4	4466	1095	2115	4306
ZINCOCAR DF 5	5466	1095	2115	5306
ZINCOCAR DF 6	6466	1095	2115	6306

ZINCOCAR DF 4 (DF2+DF2)
ZINCOCAR DF 5 (DF2,5+2,5)
ZINCOCAR DF 6 (DF3+DF3)

