

DUST COLLECTORS

# DF 40 SP

## INDUSTRIAL DUST COLLECTOR WITH INTEGRATED AUTOMATIC FILTER CLEANING



**POWER**  
4 kW - 5,5 HP



**APPLICATION**  
Volatile and suspended  
powders



**CAPACITY**  
65 Lt

## FEATURES

- Very high air flow for suspended dust
- Automatic filter cleaning system
- Sturdy painted steel construction
- Suction arm available (also Atex)

## HIGHLIGHTS



### SUCTION UNIT

The suction is generated by a specially designed electric fan to ensure the best air flow rate while maintaining a good level of water lift.



### FILTER UNIT

Filtration is ensured by polyester cartridge filters in class M (filtration efficiency 1 micron) with high filtering surface area, which guarantees the passage of air even with dirty filter.



### SP FILTER CLEANING SYSTEM

Automatic filter cleaning system in reverse flow of air at 6 bar (compressed air not supplied as standard). Each filter is cleaned at regular, alternately adjustable intervals without interrupting suction. Ideal for fine and difficult dust.



### COLLECTION UNIT

The material is collected inside a coated container complete with a handle that allows its release. Thanks to the 4 sturdy pivoting wheels, the container can be moved with ease, and the collected material can then be disposed of.

## TECHNICAL DATA

### MOTOR

Typologies	Electric Fan
Power	4 kW - 5,5 HP
Frequency	50/60 Hz
Voltage	400 V
Maximum vacuum mmH2O	370   340   270 mmH2O
Static depression level	300   270   200 mmH2O
Maximum air flow	1500   2100   2700 m3/h
Insulation class	55   F IP
Noise level	73 dB(A)

### MACHINE

Suction inlet	150   180   200 Ø mm
Collection system	Steel container
Capacity	65 Lt
Dimensions	630 x 1100 mm
Height	2500 mm
Weight	145 Kg

### FILTRATION

Primary filter type	4x Cartridges
Filter surface	120000 cm2
EN 60335-2-69 filtration class	M
Media	Antistatic polyester
Filter Cleaning System	Automatic SP

OPTIONS

AVAILABLE FILTER MEDIA



**HEPA 13**  
Absolute filter (EN 1822)  
35.000 cm<sup>2</sup> filter surface  
H13 Class Filter (EN 1822)  
Glass fiber

STRUCTURE AND OPTIONS



**60HZ**  
Available in 60Hz version



**3 YEARS WARRANTY**  
Purchasing the replacement filter along with the vacuum



**BX**  
Stainless steel bin AISI 304



**GX**  
Stainless steel bin and chamber AISI 304



**GRD**  
Grounding



**SPARK TRAP**  
Built to capture sparks produced during welding, sanding, or polishing operations on metal parts

ACCESSORIES



**P12300/150**

**FLANGED REDUCTION FOR HOSE Ø 150MM**

Coupling flange on DF industrial vacuum for 150 mm diameter flexible hose



**P12300/180**

**FLANGED REDUCTION FOR HOSE Ø 180MM**

Coupling flange on DF industrial vacuum for 180 mm diameter flexible hose



**P12300/200**

**FLANGED REDUCTION FOR HOSE Ø 200MM**

Coupling flange on DF industrial vacuum for 200 mm diameter flexible hose



**P12334**

**FLANGED REDUCTION FOR ARM Ø 160MM**

Coupling flange on DF industrial vacuum for 160 mm diameter flanged arm



**P12336**

**SUCTION ARM Ø 160MM/L 3M**

160mm diameter suction arm jointed in three parts for a total length of 3 metres, equipped with an articulated hood and valve for adjusting ...