

DUST COLLECTORS

# DF 40

## INDUSTRIAL DUST COLLECTOR WITH HIGH AIR FLOW



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



**APPLICATION**  
Volatile and suspended  
powders



**CAPACITY**  
65 Lt

## FEATURES

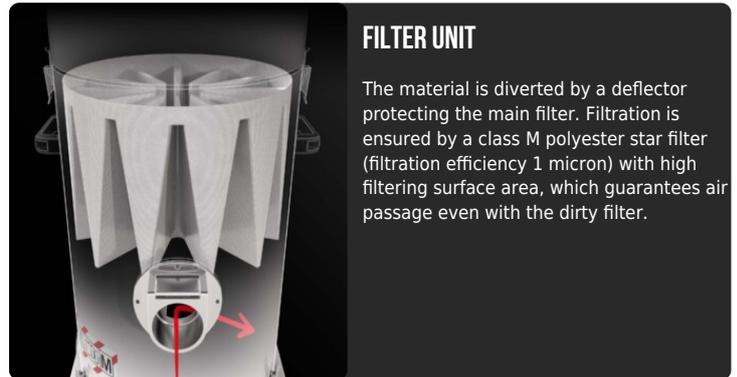
- Very high air flow for suspended dust
- High filtration capacity and efficiency
- Sturdy painted steel construction
- Suction arm available (also Atex)

## 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

The material is diverted by a deflector protecting the main filter. Filtration is ensured by a class M polyester star filter (filtration efficiency 1 micron) with high filtering surface area, which guarantees air passage even with the dirty filter.



### FILTER CLEANING SYSTEM

An ergonomic manual filter shaker allows the filter to be cleaned easily and quickly, removing dust and debris from the surface of the filter.



### 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	2150 mm
Weight	145 Kg

### FILTRATION

Primary filter type	Star
Filter surface	45000 cm2
EN 60335-2-69 filtration class	M
Media	Polyester
Filter Cleaning System	Manual

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



**PTFE ANT**  
Antistatic PTFE filter (M class EN 60335-2-69)



**ANT M**  
Antistatic filter (M class EN 60335-2-69)



**NOMEX**  
250° Celsius resistant filter



**PTFE**  
PTFE Filter (M class EN 60335-2-69)

AVAILABLE FILTER CLEANING SYSTEMS



**SP**  
Automatic reverse jet cleaning system  
Antistatic M class filter (EN 60335-2-69), 3  
Polyester filter cartridges, 9 m<sup>2</sup> filter surface



**PSC**  
Semiautomatic pneumatic filter shaker

**STRUCTURE AND OPTIONS**

**60<sup>Hz</sup>**

**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



**TX**  
Stainless steel bin, chamber and frame 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 ...