

# **DUST COLLECTORS**

# DF 40 INDUSTRIAL DUST COLLECTOR WITH HIGH AIR FLOW





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 mmH20	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	М
Media	Polyester
Filter Cleaning System	Manual



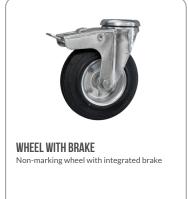
# **FEATURES**





**PLUG** 4-pole industrial plug







**WHEELS**Non-marking pivoting wheels



**STEEL CONSTRUCTION**Rugged industrial coated steel construction



## **OPTIONS**

# **AVAILABLE FILTER MEDIA**



HEPA 13 Absolute filter (EN 1822) 35.000 cm² filter surface H13 Class Filter (EN 1822)



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



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



**NOMEX** 250° Celsius resistant filter



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

# **AVAILABLE FILTER CLEANING SYSTEMS**



Automatic reverse jet cleaning system
Antistatic M class filter (EN 60335-2-69), 3
Polyester filter cartridges, 9 m² filter surface



**PSC** Semiautomatic pneumatic filter shaker



# STRUCTURE AND OPTIONS

60<sup>©</sup>HZ

60HZ

Available in 60Hz version



**3 YEARS WARRANTY** 

Purchasing the replacement filter along with



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

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