

TECHNICAL SHEET

# INDUSTRIAL VACUUM DF 075

## DUST COLLECTORS

The DF075 is a portable industrial vacuum with a **three-phase fan** for vacuuming **suspended dust** or it can be connected to an **aluminum and PVC cutting machine**. The DF075 industrial vacuum from the **Depureco Dust Collectors' range** is fitted with an **excellent filtering surface** with an **M Class filtration efficiency** (1 micron). For this **vacuum cleaner**, a very effective **manual filter cleaning system** is fitted as standard. Thanks to a lever outside the filter chamber, the operator can **shake the filter** and make the dust drop directly into the bin. An **automatic piston filter shaking system** or **jet pulse filter cleaning system** can be installed on demand.



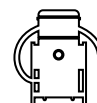
**POWER**

**0,75 kW**



**SURFACE**

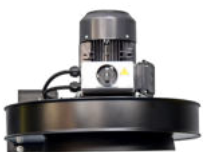
**24.000 cm2**



**CAPACITY**

**65/100 Lt**

## HIGHLIGHTS



### SUCTION UNIT

The vacuum is generated by an electric fan designed specifically to guarantee the best air flow while maintaining a good level of depression.



### FILTERING UNIT

The filtration is guaranteed by an M class polyester filter. The star shape enables air to flow through the filter even when it is dirty. The fabric of the filter is classified as M Class (BIA | EN 60335-2-69). This means that all particles till 1 micron are stopped by the filter so as to protect the fan and the operator around the vacuum cleaner.



### INLET WITH DEFLECTOR

The inlet deflector is specifically designed to convey the material towards the container. Connection flanges or reduction flanges of different diameters (100 - 200 mm) can be attached to the deflector according to requirements.



### COLLECTION BIN

The material is collected inside a painted container equipped with a metal handle which enables the bin to be detached from the machine. Thanks to its 4 swiveling wheels, the bin can be easily moved and emptied. Each wheel is reinforced to guarantee maximum stability during handling.

## TECHNICAL DATA

ENGINE		PRIMARY FILTER		MACHINE	
Suction type	fan	Type	star filter	Inlet	70   100   120 Ø mm
Voltage	400 V	Class EN 60335-2-69	M Class	Dimensions	660 x 800 mm
IP	55	Media	polyester	Height	1630
Maximum air flow	400   800   1000 m <sup>3</sup> /h	Filter cleaning	manual shaker	Weight	110 Kg
Noise level - (EN ISO 3744)	65 dB(A)				
Frequency	50/60 Hz				
Power	1 HP				
Insulation class	F				
Maximum vacuum	180   160   130 mm/H <sub>2</sub> O				
Available static inlet pressure	180   150   123				

## OPTIONS

### AVAILABLE FILTER CLEANING SYSTEMS



**PSC**  
Semiautomatic pneumatic filter shaker



**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

## OPTIONS

### AVAILABLE FILTER MEDIA



**ACB**  
Active carbon filter



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



**BFL**  
M class filter 38.000 cm<sup>2</sup>



**NOMEX**  
250° Celsius resistant filter



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



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

## OPTIONS

### STRUCTURE AND OPTIONS



**100 LT**  
100 Lt bin



**BX**  
Stainless steel bin AISI 304



**GRD**  
Grounding

ACCESSORY



**P12336**

Suction arm  $\varnothing$  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 the suction flow.



**P10095**

Galvanized metal clamp  $\varnothing$  100mm  
Metal clamp with galvanised steel screw 100 mm diameter



**P12358**

Galvanized metal clamp  $\varnothing$  120mm  
Metal clamp with galvanised steel screw 120 mm diameter



**P12359**

Galvanized metal clamp  $\varnothing$  150mm  
Metal clamp with galvanised steel screw 150 mm diameter



**P12300/100**

Flanged reduction for hose  $\varnothing$  100mm  
Coupling flange on DF industrial vacuum for 100 mm diameter flexible hose



**P12300/120**

Flanged reduction for hose  $\varnothing$  120mm  
Coupling flange on DF industrial vacuum for 120 mm diameter flexible hose



**P12300/150**

Flanged reduction for hose  $\varnothing$  150mm  
Coupling flange on DF industrial vacuum for 150 mm diameter flexible hose



**P12334**

Flanged reduction for arm  $\varnothing$  160mm  
Coupling flange on DF industrial vacuum for 160 mm diameter flanged arm



**P12335/70**

"Y" reducer for DF  $\varnothing$  70/70mm  
70mm diameter "Y" reducer for DF industrial vacuums



**P12335/100**

"Y" reducer for DF  $\varnothing$  100/100mm  
100mm diameter "Y" reducer for DF industrial vacuums



**P12335/120**

"Y" reducer for DF  $\varnothing$  120/120mm  
120mm diameter "Y" reducer for DF industrial vacuums