



DUST COLLECTORS

WHY USE A DUST COLLECTOR?



POINT OF SOURCE EXTRACTION

Industrial vacuuming is a key element in ensuring cleanliness and efficiency in working environments. Volatile and airborne dust are indeed a common problem in industry, especially in sectors such as woodworking, cement and ceramic production and the food industry. Managing these waste materials is critical to ensuring a safe and clean work environment, and to maintaining high standards of efficiency and productivity.



FAST AND EFFICIENT CLEANING

of the workspace and its surroundings



SAFETY

for the workers and the work environment



PRODUCTIVITY

reducing accidents and downtimes

SAFETY FOR WORKERS AND WORK ENVIRONMENT



STURDY METAL CONSTRUCTION

Increased durability and suitability for heavy-duty tasks.



HIGH PERFORMANCES

Extensive selection of suction units to fit every specific application.



HIGH CUSTOMIZATION

Wide manufacturing optionals to satisfy specific requirements.

Breathe safely with the right vacuum for fine or hazardous dust. Using a dust collector protect workers and the environment from fine or hazardous dust exposure. Depureco vacuums come standard with M-class filters for everyday protection. For the toughest jobs and the highest level of safety, you can upgrade to H-class filters. H-class filters capture even finer particles, ensuring maximum protection.

HOW TO CHOOSE?

AIRFLOW

SUCTION UNIT

The unit is equipped with a powerful electric fan capable of producing a huge airflow able to collect all kinds of airborne dust and particles, keeping a safe work environment.

	DF 075	DF 22	DF 40
INLET DIAMETER	3 in 4 in 5 in	4 in 5 in 6 in	6 in 7 in 8 in
AIR FLOW (CFM)	211 424 564	564 707 989	1058 1483 1907



FILTER CLEANING SYSTEM

MANUAL

The vacuum cleaner is equipped with a lever connected directly to the filter. The vertical movement of the lever compresses the filter, causing the material to detach from the surface of the filter and fall into the container.

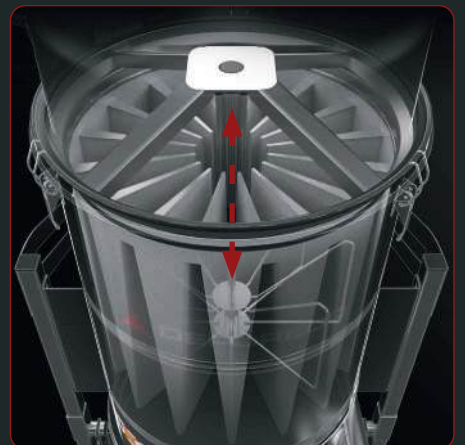
Available also with pneumatic shaker (PSC).



PSC

The vacuum cleaner is equipped with a pneumatic piston connected directly to the filter. The vertical movement of the piston compresses the filter, causing the material to detach from the surface of the filter and fall into the container.

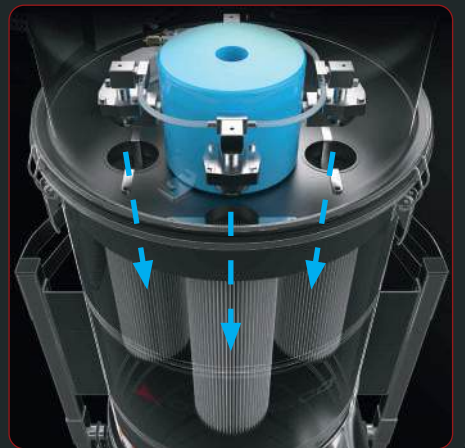
It requires compressed air to operate.



SP

Each filter cartridge is cleaned at adjustable intervals by a high-pressure (90 PSI) air jet, which shakes the cartridge, dislodging large amounts of material from the filter, making it completely clean in a matter of seconds.

It requires compressed air to operate.



APPLICATION

Code Ø 100: P12336/100

Code Ø 160: P12336



ARTICULATED ARM

Articulated arm able to be bent in any position you need to extract non combustible light dust that becomes airborne keeping the work environment safe. The arm comes with a flow regulator to module the suction power.

Code Ø 100: P12788

Code Ø 150: P12370



ATEX ARTICULATED ARM

Articulated arm, made of stainless steel, able to be bent in any position you need to extract combustible dust to avoid any combustion and avoid potential danger, keeping your work environment safe. The arm comes with a flow regulator to module the suction power.



DIRECT EXTRACTION

A flexible hose connects the dust collector directly to the source to vacuum the dust directly from the machines.

FILTRATION OPTIONS



M CLASS

Polyester filter for dust category M.

Filtration efficiency down to 1µ.



ANTISTATIC M

Antistatic polyester filter with increased surface area for dust category M.

Filtration efficiency down to 1µ.



NOMEX

High temperature resistant filter ideal for hot dust extraction.



ACTIVE CARBONS

Activated carbon filter to retain odours.



PTFE

Teflon-blended polyester filter, particularly suitable for vacuuming up fine dust and sticky materials.



M CLASS CARTRIDGE

Polyester antistatic cartridge for dust category M.

Filtration efficiency down to 1µ.



HEPA 13

Absolute cartridge filter for very fine dust with high filtration efficiency.

CONNECTION ACCESSORIES



Flanged connection
for hoses

- Ø
- 200/70 mm
 - 200/100 mm
 - 200/120 mm
 - 200/150 mm
 - 200/180 mm
 - 200/200 mm

- CODE
- P12300/70
 - P12300/100
 - P12300/120
 - P12300/150
 - P12300/180
 - P12300/200



Y two ways flanged
connection for hoses

- 200/70 - 70 mm
- 200/100 - 100 mm
- 200/120 - 120 mm

- P12335/70
- P12335/100
- P12335/120



Flanged connection
for arms

- 100 mm
- 160 mm

- P12334/100
- P12334



PUR - Antistatic
polyurethane flexible
hose

- 70 mm
- 100 mm
- 120 mm
- 150 mm
- 180 mm
- 200 mm





- P11841/70
- P11841/100
- P12357/120
- P12357/150
- P12357/180
- P12357/200




DF 075/22

Code: A1125/US - A1097/US



-  Power: 1.5 - 3.45 HP
-  Capacity: 17-26 gal
-  Filtering surface: 3800 in²
-  Dimensions: in 25.98 X 31.5 X 64 h

 ATEX version available

		DF 075			DF 22		
Code		A1125/US			A1097/US		
Power	HP	1.5			3.45		
Voltage / Frequency	V Hz	480 60			480 60		
IP Insulation Class		55 F			55 F		
Maximum vacuum	inH2O	7.3	7.9	7.1	13.8	13.8	13.8
Maximum air flow	CFM	211	424	564	564	707	989
Inlet	Øin	3	4	5	4	5	6
Noise level	dB(A)	70			73		
Bin capacity	Gal	17/26			17/26		
Dimensions	mm	25.98 X 31.5			25.98 X 31.5		
Height	mm	64			64		
Weight	lbs	242			262		
Primary filter							
Surface	in²	3800			3800		
Class EN 60335-2-69	IFA BGIAM-PES	M Class			M Class		
Media		Polyester			Polyester		
Filter cleaning		Manual			Manual		

DF 40

Code: A1102/US



Electric Fan



M-Class filter



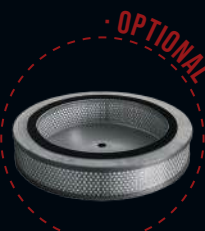
Manual filter shaker



65/100 Lt
bin capacity



SP Automatic cleaning
system



HEPA filter (H13 or
H14)



150 - 180 - 200 mm
inlet with deflector



Power: 6.2 HP



Capacity: 17-26 Lt



Filtering surface: 7000 in²



Dimensions: in 24.8 X 43.31 X 84.65 h

ATEX version available

		DF 40		
Code		A1102/US		
Power	HP	6.2		
Voltage / Frequency	V Hz	480 60		
IP Insulation Class		55 F		
Maximum vacuum	inH2O	14.6	13.4	10.6
Maximum air flow	CFM	1058	1483	1907
Inlet	Øin	6	7	8
Noise level	dB(A)	73		
Bin capacity	Gal	17/26		
Dimensions	mm	24.8 X 43.31		
Height	mm	84.65		
Weight	lbs	320		
Primary filter				
Surface	in²	7000		
Class EN 60335-2-69	IFA BGIAM-PES	M Class		
Media		Polyester		
Filter cleaning		Manual		

STANDARD



19121 Marketplace Avenue
Building 1, Suite 165
Plum Creek Business Park
Kyle, Texas 78640

Phone 737 70 44 347
www.depurecousa.com
info@depurecousa.com

