

TECHNICAL SHEET

INDUSTRIAL VACUUM DF 22 ZZ2-22 I13GD

ATEX Z2-Z22

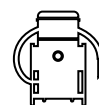
The DF 22 ZZ2-Z22 is an ATEX Z22 certified industrial vacuum cleaner with a three-phase fan that allows you to vacuum volatile or suspended dust with an articulated arm or extraction hood. Inside the vacuum cleaner there is a large surface filter in antistatic polyester (24,000 cm²), M class certified, with a filtration efficiency of 1 micron, to vacuum electrostatically charged dust in total safety. In addition, it is possible to install an H14 filter for situations that require the suction of the finest dust. To clean the filter there is a very effective manual filter cleaning system as standard. Thanks to a lever outside the filtering chamber, the operator is able to shake the filter and deposit the dust directly in the collection container. On request, it is possible to install an automatic piston filter shaking system or a counter-current filter cleaning system. The unit is equipped with a release container on wheels with a capacity of 65Lt in AISI 304 stainless steel.



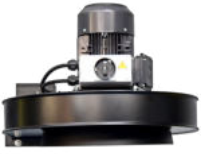
POWER
2,2 kW



SURFACE
24.000 cm²



CAPACITY
65/100 Lt



SUCTION UNIT

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



FILTERING ELEMENT

The main filter is made of sturdy antistatic polyester. Inside the fabric, there is a conductive net which avoids any electrostatic charge. The star shape ensures a large filter surface in a compact space and the passage of the air also when the filter is dirty. The fabric of the filter is M class (BIA | EN 60335-2 -69) certified. It means that all particles until 1 micron are stopped by the filter, so as to protect the blower and the operator around the vacuum cleaner.



INLET 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 vacuumed material is collected in an AISI 304 stainless steel container, equipped with a metal handle that enables the bin to be detached from the machine, to avoid any spark that could be generated by the electrostatic charge. Thanks to the 4 sturdy pivoting wheels, the bin can be moved very easily to then dispose of the collected material. Each wheel is reinforced to guarantee maximum stability during handling.

TECHNICAL DATA

ENGINE		PRIMARY FILTER		MACHINE	
Suction type	fan	Type	star filter	Inlet	100 120 150 Ø mm
ATEX Marking	II 3 G/D Ex htc IIIB T140°C Gc/Dc	Class EN 60335-2-69	M Class	Dimensions	660 x 800 mm
Voltage	400 V	Media	antistatic polyester	Height	1630
IP	55	Filter cleaning	manual shaker	Weight	80 Kg
Maximum vacuum	352 320 350 mBar				
Maximum air flow	800 1000 1400 m3/h				
Noise level - (EN ISO 3744)	73 dB(A)				
Frequency	50/60 Hz				
Power	3 HP				
Insulation class	F				
Available static inlet pressure	340 320 280				

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 m² filter surface

OPTIONS

AVAILABLE FILTER MEDIA



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



GX
Stainless steel bin and chamber AISI 304

ACCESSORY



P12370

ATEX certified stainless steel suction arm \varnothing 150mm/ L 3m
150mm diameter suction arm jointed in three parts for a total length of 3 metres. Construction in AISI 316 stainless steel, completely conductive and ATEX certified for working with certified vacuum cleaners and in ATEX classified environments. On request the ATEX arm can be supplied entirely in grade 316 stainless steel suitable for food, chemical and pharmaceutical industries



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