

TECHNICAL DATA SHEET

DF FIX 55 Z2-Z22 I13GD INDUSTRIAL VACUUM

ATEX AND ACD VACUUM CLEANERS

The **DF FIX 55 Z2-Z22** is a **fixed industrial vacuum** with a **three-phase fan** that can be used for **medium-sized centralized systems**. Inside the **vacuum cleaner**, there is a large surface filter in **antistatic polyester** (45,000 cm²), **M class certified** with a **filtration efficiency** of 1 micron, to suck up **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 **175Lt** in **AISI 304 stainless steel**.



POWER
5,5 kW

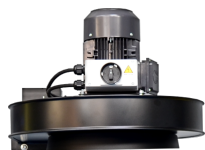


SURFACE
45,000 cm²



CAPACITY
175 Lt

HIGHLIGHTS



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.



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

MOTOR

Type	fan
ATEX marking	II 3 G/D Ex htc IIB T140°C Gc/Dc
Voltage	400V
IP	55
Maximum air flow	2,700m ³ /h
Noise level	78dB(A)
Frequency	50/60Hz
Power	7,5HP
Insulation class	F
Maximum vacuum	480mm/H ₂ O

PRIMARY FILTER

Type	star filter
Class EN 60335-2-69	M Class
Media	antistatic polyester
Filter cleaning	automatic pneumatic filter shaker

MACHINE

Suction inlet	200Ø mm
Dimensions	1,670 x 850mm
Height	1,980mm
Weight	220Kg

OPTIONS

AVAILABLE FILTER MEDIA

PTFE ANT

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

OPTIONS

AVAILABLE FILTER CLEANING SYSTEMS

SP

 Automatic reverse jet cleaning system
 Antistatic M class filter (EN 60335-2-69), 4 Polyester filter cartridges, 12 m² filter surface

OPTIONS
STRUCTURE AND OPTIONS

BX

Stainless steel bin AISI 304


GX

Stainless steel bin and chamber AISI 304