

TECHNICAL SHEET

INDUSTRIAL VACUUM BL 45 Z22 I13D

ATEX Z22

The **BL 45 Z22 industrial vacuum cleaner** is a **compact, ATEX-certified** vacuum cleaner from the **Depureco** range. Suction takes place thanks to a **high-performance Brushless motor** that guarantees silence and power. The **BL 45 Z22 industrial vacuum cleaner** has a large surface filter (35,000 cm²) certified in **class M**, with a **filtration efficiency** of up to 1 micron. On request, it is possible to install an **absolute filter H14** to vacuum even the **finest dust**. The **filter chamber** is in standard **AISI 304** stainless steel. The filter is cleaned using a handy, very robust, and **effective manual shaker**. The material of this **vacuum cleaner** is collected in an **AISI 304** stainless steel **container** with a capacity of 45Lt.



POWER
1,1 kW



SURFACE
15.000 cm²



CAPACITY
45 Lt

HIGHLIGHTS



SUCTION UNIT

The suction unit is a powerful brushless motor, which is suitable to work in continuous mode. There are two filters on the motor head: one to protect the motor and the other positioned on the air outlet. The exhaust air is totally carbon free.



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 motor and the operator around the vacuum cleaner.



FILTER SHAKER

On one side of the filter chamber there is an ergonomic manual shaker through which the operator can easily and quickly clean the filter, removing any dust and debris from its surface. Thanks to this smart cleaning system the operator can carry on working without needing to change or wash the filter.



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.

TECHNICAL DATA

ENGINE		PRIMARY FILTER		MACHINE	
Suction type	brushless	Type	star filter	Inlet	70 Ø mm
ATEX Marking	II 3 D Ex htc IIB T140°C Dc	Class EN 60335-2-69	M Class	Dimensions	550 x 620 mm
Voltage	110/230 V	Media	antistatic polyester	Height	1303
Maximum vacuum	230 mBar	Filter cleaning	filter shaker	Weight	45 Kg
Maximum air flow	220 m3/h				
Noise level - (EN ISO 3744)	72 dB(A)				
Frequency	50/60 Hz				
Power	1,5 HP				

OPTIONS



AVAILABLE FILTER MEDIA



PTFE ANT

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



HEPA 14

Absolute filter (EN 1822) 22.000 cm² filter surface
H14 Class Filter (EN 1822)
Glass fiber

OPTIONS

STRUCTURE AND OPTIONS



AB

Accessories basket



GX

Stainless steel bin and chamber AISI 304

ACCESSORY



P10866

Iron reducer ø 70/50mm
Reducer for vacuum quick fitting in galvanised steel 70/50 mm diameter



P12374

ATEX starter kit Ø 40mm
Basic kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner



P12376

ATEX kit PRO Ø 40mm
Kit containing antistatic accessories for application with 40 mm diameter ATEX vacuum cleaner