

TB ATEX Z22 II3D



Z 2 2 Industrial vacuum solutions

TECHNICAL DATA

	Units	TB ATEX Z22 II3D
Suction type		Side channel blower
Turbine ATEX Certification		II 3/2D c T 125°C
Power	kW-HP	2,2 – 3
Voltage Frequency	V Hz	400 50/60
IP insulation class		65 F
Maximum vacuum	mBar	250
Vacuum in continuous run	mBar	200
Air flow	m³/h	270
Inlet	Ø mm	70
Noise level - EN ISO 3744	dB(A)	72
Bin capacity	Lt	45
Dimensions	mm	550X620
Height	mm	1400
Weight	Kg	50
Primary Filter		
Type		PocketFilter
Surface area	cm²	15.000
Class En 60335-2-69		M
Media		Polyester Antistatic
Filter cleaning		Manual Shaker
Upstream absolute filter - Optional		
Surface area	cm²	22.000
Class - EN 1822		H14
Media		Fiberglass



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SUCTION UNIT

The suction unit is a SIEMENS (Made in Germany) side channel blower with direct coupling between motor and impeller. The turbine is ATEX Certified II 3/2D c T 125°C. Moreover, to guarantee a safe work, the unit is equipped with a safety valve that in case of obstruction avoid a possible overheating of motor.



ANTISTATIC FILTER

The main filter is made by sturdy antistatic polyester. Inside the textile, there is a conductive net which avoids any electrostatic charge. The star shape permits to have a big filter surface in a compact space and guarantee the passage of the air also when the filter is dirty. The textile of the filter is in M Class (BIA | En 60335-2-69). It means that all particles till 1 micron are stopped by the filter, so as to protect the turbine and the operator around the vacuum cleaner.



FILTER SHAKER

On one side of the filter chamber there is an ergonomic manual shaker that permits to clean the filter easily and quickly, removing the dust and debris from the filter surface. Thanks to this smart cleaning system the operator can carry on working without changing or washing the filter. The filter chamber is in stainless steel AISI 304 in order to guarantee the best conductivity.



COLLECTION BIN

The collected material is stocked inside a stainless steel AISI 304 container in order to avoid any spark that could be generated by the electrostatic charge. Behind the vacuum cleaner, there is a metal handle that permits to drop down the bin. The bin can be easily moved away thanks to 4 pivoting industrial wheels. Each wheel is located on a reinforced support to guarantee the best stability during the movement.

OPTIONAL AVAILABLE

JC	JetCleaning® Filter Cleaning System
HEPA 14	Absolute Filter (EN 1822-5)
PTFE ANT	Antistatic PTFE Filter (M class EN 60335-2-69)
TX	Stainless steel container + chamber + structure AISI 304
KDP	Differential pressure KIT for bag

Z 2 2 I n d u s t r i a l v a c u u m s