

ECOBULL ATEX Z22 II3D



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

TECHNICAL DATA

	Units	ECOBULL Z22 II3D 3ph
Suction type		Side channel blower
Turbine Atex Certification		II 3/2D c T 125° C
Power	kW-HP	4 – 5,5
Voltage Frequency	V/Hz	400 50/60
IP insulation class		65 F
Maximum vacuum	mBar	340
Vacuum in continuous run	mBar	230
Air flow	m³/h	450
Inlet	Ø mm	70
Noise level - EN ISO 3744	dB(A)	72
Bin capacity	Lt	65/100
Dimensions	mm	660x800
Height	mm	1630
Weight	Kg	120
Primary Filter		PocketFilter
Type		24.000
Surface area	cm²	M
Class En 60335-2-69		Polyester Antistatic
Media		Manual Shaker
Filter cleaning		
Upstream absolute filter - Optional		
Surface area	cm²	28.000
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 the motor.



ANTISTATIC FILTER

The main filter is made of 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 to 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 filtration 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.



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 reinforced support to guarantee the best stability during the movement.

OPTIONAL AVAILABLE

HEPA 14	Absolute filter (EN 1822-5)
PTFE ANT	Antistatic PTFE Filter (M class EN 60335-2-69)
GX	Stainless steel container + chamber AISI 304
TX	Stainless steel container + chamber + structure AISI 304
SP	Automatic reverse jet cleaning system

SP FILTER CLEANING SYSTEM AVAILABLE ON REQUEST



The SP Option is the best automatic filter cleaning system which uses compressed air at 6bars to clean the cartridges. Thanks to big surface and very high efficiency, it is possible to work also with huge quantities of fine dust. The filters are aluminated and antistatic, with BIA-M class filtration (EN 60335-2-69). The filter cleaning works when the vacuum cleaner is running.