

ECOBULL ATEX Z22 II3D



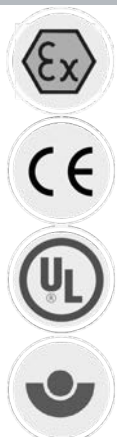
TECHNICAL DATA

ECOBULL Z22	Units	M Z22	T Z22	PLUS Z22
Suction type			Side channel blower	
Turbine ATEX certification		3GD T 125°C		II3/2D c T 125° C
Power	kW – HP	1,8 – 2,4	3 – 4	4 – 5,5
Dusts		3G Ex nA IIC T3 Gc		
Polveri		3D Ex tc IIIC T135 Dc		
Voltage Frequency	V Hz	230 50/60	400 50/60	400 50/60
IP Insulation class		65 F	65 F	65 F
Maximum vacuum	mBar	230	270	310
Vacuum in continuous run	mBar	180	240	230
Maximum air flow	m³/h	250	350	450
Relief valve		Included		Included
Inlet	Ø mm	70	70	70
Noise level – (EN ISO 3744)	dB(A)	72	72	72
Bin capacity	Lt	65/100	65/100	65/100
Dimensions	mm	660x800	660x800	660x800
Height	mm	1630	1630	1630
Weight	Kg	95	120	120
Primary filter				
Type			Star filter	
Surface area (Class EN 60335-2-69)	cm²		24.000	
Media			IFA/BGIA M-PES AL Antistatic polyester	
Filter cleaning			Manual shaker	
SP filter cleaning - Optional				
Surface area (Class EN 60335-2-69)	cm²		90.000	
Media			IFA/BGIA M-PES EXAM ACCREDITED Antistatic polyester	
Filter cleaning			Reverse jet	
Absolute filter – Optional				
Surface area (Class - EN 1822)	cm²		28.000	
Media			H14 Fiberglass	



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ECOBULL ATEX Z22 II3D



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SUCTION UNIT

The suction unit is a SIEMENS 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.



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.



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.



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.

AVAILABLE OPTIONAL

HEPA 14	Absolute filter (EN 1822-5)
PTFE ANT	Antistatic PTFE filter (M class EN 60335-2-69)
GX	Stainless steel bin AISI 304 and chamber
TX	Stainless steel bin AISI 304, chamber and frame
SP	Automatic reverse jet cleaning system

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.