

# TB ATEX Z2 II3G

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## TECHNICAL DATA

	Units	TB Z2
<b>Suction type</b>		Side channel blower
<b>Turbine ATEX certification</b>		II2/3G c T 3
<b>Power</b>	kW - HP	1,9 – 2,6
<b>Voltage   Frequency</b>	V   Hz	400   50/60
<b>IP   insulation class</b>		66   F
<b>Maximum vacuum</b>	mBar	260
<b>Vacuum in continuous run</b>	mBar	200
<b>Maximum air flow</b>	m³/h	270
<b>Relief valve</b>		Included
<b>Inlet</b>	Ø mm	70
<b>Noise level – (EN ISO 3744)</b>	dB(A)	72
<b>Bin capacity</b>	Lt	45
<b>Dimensions</b>	mm	550X620
<b>Height</b>	mm	1470
<b>Weight</b>	Kg	70
<b>Primary filter</b>		Star filter
Type		Star filter
Surface area	cm²	15.000
(Class EN 60335-2-69)		IFA/BGIA M-PES AL
Media		Antistatic polyester
Filter cleaning		Manual shaker
<b>Absolute filter</b>		
Surface area	cm²	22.000
(Class - EN 1822)		H14
Media		Fiberglass



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## SUCTION UNIT

The suction unit is a made in Italy side channel blower with direct coupling between motor and impeller. The turbine is ATEX Certified II3/2D 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 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 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.

## AVAILABLE OPTIONAL

- |          |  |
|----------|--|
| HEPA 14  | Absolute filter (EN 1822-5)                    |
| PTFE ANT | Antistatic PTFE filter (M class EN 60335-2-69) |