

MINI AIR ATEX Z22 II3D



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TECHNICAL DATA

	Units	MINIAIR
Suction type		Venturi pipe
Ejectors	N.	2
Air required	Lt/min	2500
Pressure required	Bar	6 – 8
Maximum vacuum	mBar	500
Maximum Air flow	m3/h	250
Inlet	mm	70
Noise level - EN ISO 3744	dB(A)	73
Bin capacity	Lt	45
Dimensions	mm	550x620
Height	mm	1150
Weight	Kg	42
Primary Filter		
Type		Star filter
Surface area Diameter	cm ² mm	15.000
Class EN 60335-2-69		IFA/BGIA M-PES AL
Media		Antistatic Polyester
Filter cleaning		Manual Shaker
Absolute Filter- Optional		
Surface area	cm ²	22.000
Class EN 1822		H14
Media		Fiberglass



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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 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)
BX	Stainless steel bin AISI 304
GX	Stainless steel bin AISI 304 and chamber
AB	Accessories basket
PTFE ANT	Antistatic PTFE Filter (M class EN 60335-2-69)