

DF 22 ATEX Z22 II3D

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SUCTION UNIT

The suction is generated by a Made in Italy fan designed to guarantee the best air flow performance maintaining good depression level. The Fan is II3GD ATEX Z22 certified.



INLET DEFLECTOR

The inlet deflector is designed to stop the particles and slide these down into the container. The inlet permits to fit different diameters $\varnothing 100$, $\varnothing 150$, $\varnothing 180$, $\varnothing 200$. It is just necessary to order the right reduction on the unit.



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.



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

100 Lt	100 Lt bin
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

FILTER CLEANING SYSTEM AVAILABLE ON REQUEST



The SP Option is the best automatic filter cleaning system which uses compressed air at 6 bars to clean the cartridges. Thanks to its 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.



The PSC system is a semiautomatic filter shaker. Inside the filter chamber there is a pneumatic piston which shakes the filter each time the operator pushes the activation button. As an option it is possible to install a PLC to have a complete automatic cycle.