



DG 70 EXP Z22 - ATEX EXPLOSION PROOF



FOOD INDUSTRY



CEMENT



CERAMICS AND POTTERY INDUSTRIES



CHEMICAL-PHARMACEUTICAL



ELECTRONICS



- ✓ Largest surface filter in its category
- ✓ Integrated filter cleaning system
- ✓ Vacuum gauge to detect filter clogging
- ✓ Easy filter replacement
- ✓ Atex certified for Zone 22
- ✓ Conceived for fine and hazardous dust suction
- ✓ Earth grounding
- ✓ Side Channel Blower Ex Dust Tight Certified
- ✓ Compliant with EN 17348: DRY TYPE
- ✓ Compliance to EN IEC 62784:2018 for Zone 22



SUCTION UNIT

Power	kW	5,5
Electrical protection	IP	65
Max water lift	mmH ₂ O	3.600/3.000
Max air flow	m ³ /h	530
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	72
Use zone		22 ATEX
Atex zones		3D (20 int/22 ext)
Atex zones		
Marking		



FILTER UNIT

Filter Type	Star
Cleaning system	Manual



COLLECTION UNIT

Capacity	l	100
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VOLUME

Dimensions	cm	66x120x145h
Weight	kg	150



SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.



FILTER UNIT

A vacuum gauge enables to check constantly the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.

It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.



COLLECTION UNIT

The unit is manufactured with thick painted steel for improved sturdiness and long-lasting lifetime