



ZFR EL MN Z22 - INDUSTRIAL THREE PHASE



BUILDING AND CONSTRUCTION



CLEANING CONTRACTORS



TEXTILE



HEAVY INDUSTRY



- ✓ Largest surface filter in its category
- ✓ Integrated filter cleaning system
- ✓ Pressure relief valve for motor protection
- ✓ Easily removable container for safe disposal of collected material
- ✓ Sturdy vacuum cleaner for intensive use
- ✓ High efficiency filtration
- ✓ Atex certified for Zone 22
- ✓ Side Channel Blower Ex Dust Tight Certified
- ✓ Compliant with EN 17348: DRY TYPE



SUCTION UNIT

Power	kW	2,2
Electrical protection	IP	65
Max water lift	mmH ₂ O	2.500
Max air flow	m ³ /h	318
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	76
Atex zones		3D (20 int/22 ext)
Use zone		22 ATEX
Marking		II 3D Ex h tc IIIC T80°C (int) / T165°C (ext) Dc



FILTER UNIT

Filter Type		Star
Air load on filter	m ³ /m ² /h	106
Cleaning system		Manual



COLLECTION UNIT

Capacity	l	60
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VOLUME

Dimensions	cm	79x66x170h
Weight	kg	90



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.

A pressure relief valve protects the motor, providing additional air for cooling.



FILTER UNIT

The large surface star filter, located inside the filter stainless steel chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

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