

## MTL 4535 Z22 - ATEX EXPLOSION PROOF



CEMENT



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Largest surface filter in its category
- ✓ Integrated filter cleaning system
- ✓ Complete steel construction
- ✓ Vacuum gauge to detect filter clogging
- ✓ Easy filter replacement
- ✓ Atex certified for Zone 22
- ✓ Earth grounding
- ✓ Pressure relief valve for motor protection



### SUCTION UNIT

Power	kW	4 - 8,4
Electrical protection	IP	65
Max water lift	mmH <sub>2</sub> O	3.200/2600
Max air flow	m <sup>3</sup> /h	420
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	69



### FILTER UNIT

Filter Type	Star
Cleaning system	Manual



### COLLECTION UNIT

Transport capacity	kg/h	45
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### VOLUME

Dimensions	cm	58x93x116h
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.

The suction unit is ATEX certified.



## 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.

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



## COLLECTION UNIT

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



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ INTERNAL POLISHING FOR FILTER CHAMBER AND TANK
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ STAINLESS STEEL CHAMBER
- ✓ PTFE COATED FILTER CLASS M
- ✓ REMOTE CONTROL
- ✓ STAINLESS STEEL SIEVE GRID
- ✓ TOTAL STAINLESS STEEL CONSTRUCTION