



M 450 S ECO - INDUSTRIAL THREE PHASE ATEX 22 ZONE



CLEANING CONTRACTORS



HEAVY INDUSTRY



- ✓ High efficiency filtration
- ✓ Sturdy vacuum cleaner for intensive use
- ✓ Easily removable container for safe disposal of collected material
- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Largest surface filter in its category
- ✓ Integrated filter cleaning system
- ✓ Pressure relief valve for motor protection
- ✓ Possibility of integration on other vacuum cleaners
- ✓ Full customization for specific needs
- ✓ Accessory kit included



SUCTION UNIT

ATEX zone		22
Voltage	V - Hz	400 - 50
Power	kW	3
Electrical protection	IP	55
Max waterlift	mmH2O	3000/2300
Max air flow	m ³ /h	318
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	76



FILTER UNIT

Filter Type		Star
Surface - Diameter	cm ² -mm	30.000 - 500
Material - Efficiency	IEC 60335-2-69	Polyester - L
Air load on filter	m ³ /m ² /h	106
Cleaning system		Manual



COLLECTION UNIT

Discharge system		Roll-out container
Capacity	lt.	60



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 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 detachable steel collection tank has a quick release system for the rapid disposal of the sucked material.

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



OPTIONALS

- ✓ PTFE COATED FILTER CLASS M
- ✓ STAINLESS STEEL CHAMBER
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ SIEVE GRID AND DISCHARGE VALVE
- ✓ REMOTE CONTROL
- ✓ ABSOLUTE HEPA FILTER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST