

INDUSTRIAL THREE-PHASE 4535

The Mistral 4535 is one of the most compact and powerful three phase industrial vacuum cleaners in the world. Compact and silent, it has been developed on years of experience in the food, pharmaceutical and chemical industries, where it is often used for fixed application on third parties machines.



SUCTION UNIT

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



FILTRATION UNIT

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



COLLECTION UNIT

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

Main Features:

- Compact and mobile
- Complete steel construction
- High filtration efficiency
- Accessory kit as standard
- Low noise level
- Side channel blower motor
- Powerful, silent & maintenance free
- Suitable for continuous duty
- Reduced downtime of machine tools
- Integrated filter cleaning system



MODELS AND DATASHEET

MODELS	MISTRAL 4535
Power (V - Hz)	400 - 50
Power (Kw)	4
Electrical Protection (IP)	55
Max Waterlift (mmH2O)	3000
Max Airflow (m3/h)	420
Suction Inlet (mm)	80
Noise Level (EN ISO 3744) - dB(A)	69
Filter Type	Star
Surface Diameter (cm2-mm)	20,000 - 420
Material - Efficiency (IEC 60335-2-69)	Polyester - L
Air Load on Filter (m3/m2/h)	210
Cleaning System	Manual
Discharge System	Roll-out container
Capacity (Litres)	45
Dimensions (cm)	100 x 55 x 125H
Weight (kg)	90



FOOD INDUSTRY



BOILER & HEATER
MAINTENANCE



CHEMICAL/PHARMACEUTICAL



TEXTILES



PACKAGING



ORIGINAL EQUIPMENT
MANUFACTURING



ELECTRONICS