delfin
INDUSTRIAL VACUUM SOLUTIONS

DM3 EL LP - INDUSTRIAL SINGLE PHASE

CEMENT

CERAMICS AND POTTERY INDUSTRIES









- ✓ Largest surface filter in its category
- ✓ Integrated filter cleaning system
- ✓ Three powerful by pass motors with independent cooling
- ✓ Compact and mobile
- ✓ Full customization for specific needs
- ✓ Disposable bags for hazardous dusts safe disposal
- ✓ Adjustable height to facilitate transport on vehicles
- ✓ Complete steel construction
- ✓ Easy to handle
- ✓ Easy to clean and to maintain

SUCTION UNIT

Voltage	V - Hz	230 - 50
Power	kW	3,45
Max water lift	mmH□O	2.500
Max air flow	m³/h	540
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	76

FILTER UNIT

Filter Type		Star
Surface - Diameter	cm²-mm	30.000 - 500
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	m³/m²/h	180
Cleaning system		Manual

COLLECTION UNIT

Discharge system		

VOLUME

Dimensions	cm	80x66x155h
Weight	kg	70

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SUCTION UNIT

The suction is provided by three by-pass motors, using carbon brushes, operated by independent switches and placed inside a sturdy steel casing, filled with soundproofing material.

FILTER UNIT

The large surface star filter, located inside the filter stainsteel 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 vacuumed material is discharged inside a 20 mt Endless Bag; when the extremity of the bag is full, the operator can seal and dispose that part of the bag in total security, without coming in contact with dusts and spreading them in the environment

OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M

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