delfin
INDUSTRIAL VACUUM SOLUTIONS

DM3 - INDUSTRIAL SINGLE PHASE

CERAMICS AND POTTERY INDUSTRIES

CHEMICAL-PHARMACEUTICAL

ELECTRONICS

CLEANING CONTRACTORS

OPTICS

- ✓ Largest surface filter in its category
- ✓ Integrated filter cleaning system
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Three powerful by pass motors with independent cooling
- ✓ Compact and mobile
- ✓ Easy filter replacement

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		
Capacity	l	100

VOLUME

Dimensions	cm	77x66x150h
Weight	kg	85

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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 detachable AISI 304 steel collection tank has a quick release system for the rapid disposal of the vacuumed material.

OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ FLOATING DEVICE TO STOP SUCTION WHEN THE BIN IS FULL OF LIQUIDS
- ✓ EARTH GROUNDING
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ ABS ACCESSORY BASKET AND DOUBLEBEND HOLDER
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ RUBBER WHEELS

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