

DM3 PN - INDUSTRIAL SINGLE PHASE



FOOD INDUSTRY



CEMENT



CERAMICS AND POTTERY INDUSTRIES



SURFACE PREPARATION



- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Vacuum gauge to detect filter clogging
- ✓ Three powerful by pass motors with independent cooling
- ✓ Large surface antistatic filter
- ✓ Integrated automatic filter cleaning system



SUCTION UNIT

Voltage	V - Hz	230 - 50
Power	kW	3,45
Max water lift	mmH ₂ O	2.500
Max water lift	mmH ₂ O	2.500
Max air flow	m ³ /h	540
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	76



FILTER UNIT

Filter Type	Cartridge	
Surface - Diameter	cm ² -mm	57.000 - 420
Material - Efficiency	IEC 60335-2-69	Polyester - M
Air load on filter	m ³ /m ² /h	94
Cleaning system	Automatic PN	



COLLECTION UNIT

Discharge system		
Capacity	lt	50



VOLUME

Dimensions	cm	58x85x145h
Weight	kg	165



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.

The head includes a pressure and a vacuum gauge, in order to detect the clogging of the filter



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.

Cartridges are automatically cleaned by a pneumatic reverse pulse cleaning system. The system is automatic, timed and adjustable. A compressor placed on the back frame guarantees the required air supply.



COLLECTION UNIT

The vacuum is assembled onto a sturdy steel chassis, and provided with industrial quality wheels, that make it suitable for mobile service even when used on rough surfaces.

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 COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ EARTH GROUNDING
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST