

DM3 PN - INDUSTRIAL SINGLE PHASE



FOOD INDUSTRY



CEMENT WORKS AND CONSTRUCTION INDUSTRIES



CERAMICS AND POTTERY INDUSTRIES



SURFACE PREPARATION



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



SUCTION UNIT

Voltage	V - Hz	230 - 50 1~
Power	kW	3,45
Max waterlift	mmH ₂ O	2500
Max air flow	m ³ /h	540
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	76



FILTRATION UNIT

Filter Type	Cartridge	
Surface - Diameter	cm ² -mm	57.000
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	Roll-out container	
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



FILTRATION UNIT

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.

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.



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



OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ ABSOLUTE HEPA FILTER
- ✓ PTFE COATED FILTER CLASS M
- ✓ EARTH GROUNDING