

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 |
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| 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