

DM 3 EL - INDUSTRIAL SINGLE PHASE



CERAMICS AND POTTERY INDUSTRIES



CLEANING CONTRACTORS



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



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 | | Star |
| Surface - Diameter | cm ² -mm | 30.000 - 500 |
| Material - Efficiency | IEC 60335-2-69 | |
| Air load on filter | m ³ /m ² /h | 180 |
| Cleaning system | | Manual |



COLLECTION UNIT

Discharge system



VOLUME

| | | |
|------------|----|------------|
| Dimensions | cm | 67x66x134h |
| Weight | kg | 77 |



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 stainless steel 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 collected into a wheeled steel container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal

The unit is manufactured with thick painted steel for improved sturdiness and long-lasting lifetime



OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ STAINLESS STEEL CHAMBER
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ ABS ACCESSORY BASKET AND DOUBLEBEND HOLDER
- ✓ EARTH GROUNDING