



# DM 3 EL - INDUSTRIAL SINGLE PHASE

NRTL certified version available for Class II, Div. 2



CERAMICS AND POTTERY INDUSTRIES



CHEMICAL-PHARMACEUTICAL



ELECTRONICS



CLEANING CONTRACTORS



ELECTRONICS



OEM ORIGINAL EQUIPMENT MANUFACTURERS



- ✓ 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
- ✓ Easy to handle

## SUCTION UNIT

Voltage	V - Hz	115 - 60 1~
Power	HP (kW)	3 (2.3)
Max water lift	inH2O (mmH2O)	81 (2055)
Max air flow	CFM (m³/h)	283 (480)
Suction inlet	in (mm)	3 (80)
Noise level (EN ISO 3744)	dB(A)	76

## FILTER UNIT

Filter Type		Star
Surface - Diameter	ft² (m²)	32 (3)
Material - Efficiency	IEC 60335-2-69	Polyester - L
Air load on filter	ft/min (m/h)	9 (180)
Cleaning system		Manual

## COLLECTION UNIT

Discharge system		Roll-out container
Capacity	gal (lt)	16 (60)

## VOLUME

Dimensions	in (cm) (WxLxH)	26.5x26x53h (67x66x134)
Weight	lbs (kg)	170 (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 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 cleaning 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.

The unit is manufactured with thick powder coated steel for improved sturdiness and long-lasting lifetime.



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 482°F/250°C)
- ✓ STAINLESS STEEL CHAMBER
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ ABS ACCESSORY BASKET AND DOUBLEBEND HOLDER
- ✓ EARTH GROUNDING