



## INDUSTRIAL VACUUM CLEANERS



### MISTRAL 452 DS - INDUSTRIAL SINGLE-PHASE



ALUMINUM AND PVC



CEMENT



CERAMICS AND POTTERY INDUSTRIES



ELECTRONICS



CLEANING CONTRACTORS



- ✓ Largest surface filter in its category
- ✓ Full customization for specific needs
- ✓ Integrated filter cleaning system
- ✓ Easy to clean and to maintain
- ✓ Roll-out collection container with safety lock
- ✓ Compact and mobile
- ✓ handle and optional use of disposable bags

SUCTION UNIT	
 Voltage	V - Hz115 - 60 1~
Power	HP (kW)2.7 (2)
Max water lift	inH <sub>2</sub> O (mmH <sub>2</sub> O)90.1 (2289)
Max air flow	CFM (m <sup>3</sup> /h)211.9 (360)
Suction inlet	in (mm)3 (80)
Noise level (EN ISO 3744)	dB(A)76
FILTER UNIT	
 Filter Type	Star
Surface - Diameter	ft <sup>2</sup> (m <sup>2</sup> ), mm22 (2), 420
Material - Efficiency	IEC 60335-2-69Polyester - L
Air load on filter	ft <sup>3</sup> /min (m <sup>3</sup> /hr)9.8 (180)
Cleaning system	Manual
COLLECTION UNIT	
Discharge system	Roll-out container
Capacity	gal (L)12 (45)
SIZE	
 Dimensions	in (cm) WxLxH23x25x49 (58x63x125)
Weight	lb (kg)121 (55)



## SUCTION UNIT

The suction is provided by two 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 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 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 roll-out steel collection tank has a quick release system for the rapid disposal of the vacuumed material.



## OPTIONALS

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

