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### MISTRAL 301 BL D2 - COMBUSTIBLE DUST

#### **ETL CERTIFIED FOR CLASS II, DIVISION 2**

#### Groups F, G



OEM ORIGINAL EQUIPMENT MANUFACTURERS

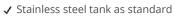


CERAMICS AND POTTERY INDUSTRIES



CHEMICAL-PHARMACEUTICAL





- ✓ Compact and mobile
- ✓ Easy filter replacement
- $\checkmark$  High filtration efficiency

- ✓ Easy to handle
- ✓ Dustop filter cleaning system

652 COMPLIANT

- $\checkmark\,$  Spark-free brushless motor (up to 15,000  $\,$
- hour life expectancy)
- ✓ NRTL certification for Class II, Division 2 hazardous locations

SUCTION UNIT		
Certification		ETL Class II DIv. 2
Groups		F,G
Voltage	V - Hz	115 - 60 1~
Power	HP (kW)	1.5 (1.1)
Max water lift	inH2O (mmH2O)	90.6 (2300)
Max air flow	CFM (m3/h)	121.8 (207)
Suction inlet	in (mm)	2 (50)
Noise level (EN ISO 3744)	dB(A)	78
FILTER UNIT		
Filter Type		Cartridge
Surface - Diameter	ft² (m²), mm	6 (0.6) - 360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	ft/min (m/hr)	18.9 (345)
Cleaning system		Dustop
Discharge system		Roll-out container
Capacity	gal (L)	4 (15)
SIZE		
Dimensions	in (cm) WxLxH	18x19x34 (46x48x86)
Weight	lb (kg)	55 (25)

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# Tion UNIT

The motor head is equipped with a Brushless motor; the lack of carbons brushes allows the use of the machine even in explosive hazardous areas. The motor is protected by a series of filters and it is turned on by an independent switch placed on a soundproofed and robust metal motor head.

The motor head includes a vacuum gauge and tension power lights as standard.



It is possible to clean the filter using the Dustop, an integrated reverse pulse system. By closing the suction inlet and opening a flap on the filter chamber, the airflow generated by the motor cleans the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment. The suction inlet is tangential and the cyclone is entirely welded, consequently slowing the vacuumed chips and protecting filter.



The vacuumed material is placed inside an AISI304 stainless steel roll-out container mounted on wheels, which makes it possible to dispose easily and safely the vacuumed material.

## OPTIONALS

✓ ABSOLUTE HEPA FILTER /H14