



Intertek

## 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



652 COMPLIANT

- ✓ Stainless steel tank as standard
- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ High filtration efficiency
- ✓ Easy to handle
- ✓ Dustop filter cleaning system
- ✓ 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	inH <sub>2</sub> O (mmH <sub>2</sub> O)	90.6 (2300)
Max air flow	CFM (m <sup>3</sup> /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	ft <sup>2</sup> (m <sup>2</sup> ), mm	6 (0.6) - 360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	ft <sup>3</sup> /min (m <sup>3</sup> /hr)	18.9 (345)
Cleaning system		Dustop

### COLLECTION UNIT

Discharge system		Roll-out container
Capacity	gal (L)	4 (15)

### SIZE

Dimensions	in (cm) WxLxH	18x19x34 (46x48x86)
Weight	lb (kg)	55 (25)



## SUCTION UNIT

The motor head is equipped with a Brushless motor; the lack of carbon 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.



## FILTER UNIT

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.



## COLLECTION UNIT

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