



Intertek

# MISTRAL 201 BL D2 - COMBUSTIBLE DUST

ETL CERTIFIED FOR CLASS II, DIVISION 2

Groups F, G



FOOD INDUSTRY



CEMENT



CERAMICS AND POTTERY INDUSTRIES



ELECTRONICS



- ✓ Largest surface filter in its category
- ✓ Complete steel construction
- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Stainless steel AISI304 collection tank
- ✓ Brushless spark-free motor - average life 15,000 hrs
- ✓ Dustop filter cleaning system
- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ 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)
Electrical Protection	IP - NEMA	55 - 4
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)	32 (3), 360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system	Dustop	

## COLLECTION UNIT

Capacity	gal (L)	5 (20)
----------	---------	--------

## SIZE

Dimensions	in (cm) WxLxH	19x23x43 (48x58x109)
Weight	lb (kg)	77 (35)



## SUCTION UNIT

The motor head is equipped with a Brushless motor; the lack of carbon brushes allows the use of the machine even in hazardous explosive 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 power light as standard.



## FILTER UNIT

The antistatic polyester cartridge filter placed inside the filter chamber guarantees a large filter surface and helps prevent the clogging of the filter.

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.

A vacuum gauge enables to check the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.



## COLLECTION UNIT

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

## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER AND CHASSIS
- ✓ DB - SAFE DUST BAGGING SYSTEM (1x FI.0469.0000 BAG INCLUDED)