MISTRAL 300 BL D2 - COMBUSTIBLE DUST

ETL CERTIFIED FOR CLASS II, DIVISION 2

Groups F, G

NFPA® 660 COMPLIANT

PACKAGING

PLASTICS

ADDITIVE MANUFACTURING

- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Stainless steel AISI304 collection tank
- ✓ Grounded
- ✓ Easy to clean and to maintain
- ✓ Maximum safety thanks to the three levels of air filtration
- ✓ Spark-free brushless motor (15,000 hours average life)
- ✓ NRTL certification for Class II, Division 2 hazardous locations

SUCTION UNIT

Certification		ETL Class II Dlv. 2
Groups		F,G
Voltage	V - Hz	115 - 60 1~
Power	HP (kW) - Amps	1.5 (1.1) - 14
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
Electrical protection	IP - NEMA	55 - 4

FILTER UNIT

Filter Type		Star
Surface Area	ft² (m²), mm	4 (0.4), 360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M

COLLECTION UNIT

Capacity	gal (L)	3 (13)

SIZE

Dimensions	in (cm) WxLxH	18x17x31 (46x43x79)
Weight	lbs (kg)	55 (25)

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SUCTION 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.

FILTER UNIT

The large surface star antistatic filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.
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 container mounted on wheels, which makes it possible to dispose easily and safely of the vacuumed material.

OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14 (99.995% @ 0.18 µm)

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