



Intertek

# DM 1 BL D2 LP - COMBUSTIBLE DUST

ETL CERTIFIED FOR CLASS II, DIVISION 2

Groups F, G



FOOD INDUSTRY



ELECTRONICS



CHEMICAL-PHARMACEUTICAL



- ✓ Easy filter replacement
- ✓ ENDLESS BAG safe bagging system (66ft / 20m)
- ✓ Grounded
- ✓ Spark-free brushless motor (average 15,000-hour life expectancy)
- ✓ Easy to clean and to maintain
- ✓ NRTL certification for Class II, Division 2 hazardous locations
- ✓ Compact, portable and constructed with powder coated steel

## SUCTION UNIT

Certification	ETL Class II Div. 2	
Groups	F,G	
Voltage	V - Hz	115 - 60 1~
Power	HP (kW)	1.5 (1.1) - 9.6
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)	3 (80)
Noise level (EN ISO 3744)	dB(A)	78

## FILTER UNIT

Filter Type	Star	
Surface Area	ft2 (m2), mm	32 (2), 500
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system	Manual	

## COLLECTION UNIT

Collection tank	ft (m)	ENDLESS BAG - 66 (20)
Capacity	gal (L)	26 (100)

## SIZE

Dimensions	in (cm) WxLxH	31x26x70 (78x66x178)
Weight	lbs (kg)	143 (65)



## 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 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.

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 vacuumed material is discharged inside a 66' (20 mt) Endless Bag ; when the extremity of the bag is full, the operator can seal and dispose that part of the bag in total security, without coming in contact with dusts and spreading them in the environment.



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14 (99.995% @ 0.18 µm)
- ✓ PARTIAL OR FULL STAINLESS STEEL FRAME
- ✓ MORE POWER SOURCE AVAILABLE BY REQUEST
- ✓ OTHER CERTIFICATIONS AVAILABLE BY REQUEST