

DM2 BL 1/2D - ATEX EXPLOSION PROOF



EXPLOSIVE AND CONDUCTIVE DUSTS



- ✓ Complete steel construction
- ✓ Vacuum gauge to detect filter clogging
- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Stainless steel AISI304 collection tank
- ✓ Earth grounding
- ✓ Easy to clean and to maintain
- ✓ Motor with very long service life
- ✓ High efficiency filtration
- ✓ ATEX certified for Zone 20 inside the chamber and for Zone 21 outside the chamber



SUCTION UNIT

Atex zones	ATEX Z20/21	
Marking	Ex II 1/2D Ex tb IIIC T135°C Da/Db	
Voltage	V - Hz	230 - 50 1~
Power	kW	2,2
Max water lift	mmH ₂ O	2.250
Max air flow	m ³ /h	430
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	74



FILTER UNIT

Filter Type	Star	
Surface - Diameter	cm ² -mm	30.000 - 500
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system	Manual	



COLLECTION UNIT

Capacity	l	100
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VOLUME

Dimensions	cm	77x66x150h
Weight	kg	85



SUCTION UNIT

The suction unit is equipped with 2 Brushless motors that allow the machine to be used in maximum safety even in areas at risk of explosion thanks to the absence of charcoal. The motors are soundproofed and protected by different levels of filtration.



FILTER UNIT

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. 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.



COLLECTION UNIT

The vacuum is assembled onto a sturdy steel chassis, and provided with industrial quality wheels, that make it suitable for mobile service even when used on rough surfaces. The AISI 304 stainless steel collection tank has a quick system for the rapid disposal of the vacuumed material.



OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST