

MTL 451 1/2D - ATEX EXPLOSION PROOF



ELECTRONICS



- ✓ Complete steel construction
- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Stainless steel AISI304 collection tank

- ✓ Easy to clean and to maintain
- ✓ High efficiency filtration
- ✓ Accessory kit included



SUCTION UNIT

Atex zones		CE EX 1/2D
Voltage	V - Hz	115/230 - 50/60 1~
Power	kW	1,1
Max water lift	mmH ₂ O	2.250
Max water lift	mmH ₂ O	2.250
Max air flow	m ³ /h	215
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	74
Marking	II 1/2D Ex h tb IIIC T80°C (Int) / 100T95°C (ext) Da/Db	



FILTER UNIT

Filter Type		Star
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		Manual



COLLECTION UNIT

Collection tank		
Transport capacity	kg/h	45



VOLUME

Dimensions	cm	58x62x138h
Weight	kg	57



SUCTION UNIT

The motor head is equipped with a Brushless motor: the lack of carbons 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. 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. A HEPA filter is included as standard (99,995% on 0,18 micron, class H) which holds the finest dusts and guarantees the cleanliness of the leaving air.



COLLECTION UNIT

The vacuumed material is placed inside an AISI304 stainless steel drop-down bin mounted on wheels, which makes it possible to dispose easily and safely of the vacuumed material.