

MTL 452 ACD INERT - INERT



OEM ORIGINAL EQUIPMENT MANUFACTURERS



EXPLOSIVE AND CONDUCTIVE DUSTS



- ✓ Stainless steel AISI304 collection tank
- ✓ High efficiency filtration
- ✓ Earth grounding
- ✓ Inert liquid bath system for the safe discharge of explosive and conductive metal dust
- ✓ Easily removable container for safe disposal of collected material
- ✓ Prevents the build-up of the explosive atmosphere inside the vacuum
- ✓ Vacuum Powerhead Ex tb Dust Tight IP64 Certified
- ✓ Neutralization system for reactive dusts with testing of performance EN17348
- ✓ ATEX accessories and non-metallic parts tested
- ✓ Compliant with EN 17348: WET TYPE



SUCTION UNIT

Voltage	V - Hz	115/230 - 50/60 1~
Max water lift	mmH ₂ O	2.500
Max air flow	m ³ /h	360
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	74
Atex zones		CE ACD EX 1/-
Marking		II 1/-D Ex h IIIC T80°C (Internal) Da/-



FILTER UNIT

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



VOLUME

Dimensions	cm	61x66x133h
Weight	kg	52



SUCTION UNIT

The suction is provided by two by-pass motors, using carbon brushes, operated by independent switches and placed inside a sturdy steel casing, filled with soundproofing material.



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. 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.

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 container is designed for an inertizing oil bath (oil not included with the vacuum cleaner) that prevents explosions due to the presence of flammable dust such as aluminum or titanium. The inertizing liquid must be chosen based on the dust to be aspirated. The container includes a stainless steel deflector, a PPL filter to separate the dust and allow the oil reuse, and 3 filtration layers for oily mists. An overpressure valve prevents the risk of explosive atmospheres forming inside the container. The vacuum cleaner is built on a sturdy steel structure and equipped with robust industrial wheels, allowing easy movement even when used on uneven surfaces.