

400BL INERT IECEX - ATEX EXPLOSION PROOF



EXPLOSIVE AND CONDUCTIVE DUSTS



- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Stainless steel AISI304 collection tank
- ✓ Easy to clean and to maintain
- ✓ Motor with very long service life
- ✓ Inert liquid bath system for the safe discharge of explosive and conductive metal dust
- ✓ Minimum level control system for the inerting liquid
- ✓ IECEX Certified



SUCTION UNIT

Marking	Ex tb IIIC T135°C Da/Db	
Voltage	V - Hz	230 - 50 1-
Power	kW	1,1
Max water lift	mmH ₂ O	2250
Max air flow	m ³ /h	215
Suction inlet	mm	50



FILTER UNIT

1st stage filter	PPL
2nd stage filter	3x fiber filter
3rd stage filter	Bag
Surface and diameter	3.100 - 420
Media, class	POLYESTER - ANT M
Fourth stage of filtration	Hydro-oleophobic



COLLECTION UNIT

Liquids capacity	lt	8
Dust capacity	lt	4



VOLUME

Dimensions	cm	50x60x112h
Weight	kg	45



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 polyester bag filter, placed inside the filtering chamber, guarantees a wide filtering surface and high resistance to dust passage and clogging.



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.



OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST