W3 ACD – compact industrial vacuum cleaner rated ACD for combustible dust in ATEX zones

INDUSTRIAL VACUUMS



- ACD classification for vacuuming combustible dust in non-classified zones
- 100% steel construction.
- Endless Bag

Suction Unit		
Power supply	V - Hz	230 - 50/60 1~
Zone use		Ordinary location
EX Category		CE ACD
Power	kW	3 x 1,1 bypass
Maximum depression	mmH2O	2.400
Maximum air flow rate	m3/h	540
Noisiness (EN ISO 3744)	dB(A)	78
Filter Unit		
Primary filter		Pockets
Surface area - diameter	cm^2-mm	20.000 - 460
Total filter surface area	cm^2	20.500
Filter media - class	IEC 60335-2-69	M ANT
Absolute filter		Standard
Filter media - class	EN 1822-5	
Collection unit		
Capacity	lt	65/100 - 20mt (Endless Bag)
Collection container		Painted
Encumbrances		
Dimensions	cm	71x62x146-167h

APPLICATIONS:

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SUCTION UNIT

Suction is generated by three carbon brush by-pass motors activated by independent switches located on a solid metal head, soundproofed with sound-absorbing material.

FILTER UNIT

Inside the steel filter chamber is the antistatic polyester pocket filter, which protects the suction unit and prevents the risk of sparks due to static energy build-up. An absolute filter (99.995% of 0.18 micron, Class H) is included to ensure the retention of the finest dust and the purity of the exhaust air.

COLLECTION UNIT

The vacuumed material is collected in a stainless steel container, mounted on a tilting trolley.

The vacuumed material is discharged into a 20 m long Endless Bag; when the end of the bag is full, the operator can seal the part to be disposed of and dispose of it safely, avoiding any contact with dust and preventing it from spreading into the surrounding environment.