



M 280 WD EX 2V

Wet & Dry Air operated industrial vacuum cleaner (with explosion proof ATEX certificate for areas 1, 2, 21, 22)

Suction unit

The suction unit is provided by 2 powerful Venturi, (using no electric or mechanical components), placed inside a sturdy steel casing. The control board includes an air pressure gauge (to check the pressure of the incoming air supply) and vacuum indicator, useful to detect possible clogging of the filter. Two handles placed on the sides enable an easy lifting and removal of the suction head, for possible inspection or replacement of the underlying filter.

Filter and collection unit

The dust kit is made by a bag type filter, made up by an polyester filter on the inside, providing a class M filtration (1 micron efficiency). The dust filter has a self cleaning system, which causes the dust to shake off each time the vacuum is shut off.

The wet kit is made up by a floating device, protecting the motor against damage from liquids, foam and solid objects; a nylon filter prevents solid material blocking the floating, or foam getting to the motors.

An 80 lt. steel container enables to dispose easily of the sucked up liquid, which can be discharged by a flexible discharge hose.

The frame is completely made of steel, mounted on a sturdy castors with brake.

Technical data sheet

MODEL – M280 EX 2V		
Explosion proof compliance	ATEX Zone	1, 2 (Explosive gas) 21, 22 (Explosive dust)
Operating pressure	bar	6
Air supply required	Lt/min	3000
Max air flow*	M3/h	340
Max. vacuum rate**	mm. H2O	4.500
Capacity	Litres	80
Filter	Bag	Polyester
Filtering surface	cm2	8.000
Filtering efficiency (standard)	Micron	M
Noise level	dB	75
Suction Inlet	Ø mm	80
Dimensions	cm	50 x 48
Height	cm	105
Weight	Kg	33

* with suction inlet fully open, calculated at a 6 bar constant pressure as indicated on the onboard machine's manometer

** with suction inlet fully closed, calculated at a 6 bar constant pressure as indicated on the onboard machine's manometer

Options

Cod	Description
H	Absolute filter (BIA certified) with efficiency 99,995% particle size 0,18 µm standard EN 1822
XXX	Total stainless steel construction