

Wet and Dry AIR OPERATED INDUSTRIAL VACUUM CLEANER (With EXPLOSION PROOF ATEX CERTIFICATE for areas 1, 2 , 21, 22)



MODEL		MTL802 WD AIR EX
Explosion proof compliance	ATEX Zone	1, 2 (Explosive gas) 21, 22 (Explosive dust)
Operating pressure	bar	6
Air supply required	M3/h	75
Max air flow*	M3/h	150
Max. vacuum rate**	mm. H2O	5000
Capacity	Litres	80
Filter	Bag	Polyester Antistatic
Filtering surface	cm2	7.000
Filtering efficiency (standard)	Micron	L > 3
Air load on filter	M3/m2/h	72
Filter shaker		Manual
Noise level	dB	72
Suction Inlet	Ø mm.	80
Dimension\$	cm.	50 x 48
Height	cm.	108
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

ATEX – Explosion Proof compliance

The explosion proof conformity of the machine is certified **according to use in Zones classified as subject to risk of explosion, as Zone 1 and 2 (presence of explosive gas) and 21 and 22 (explosive dust).**

Suction unit

The suction unit is a **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 antistatic **polyester filter on the inside**, providing a class L filtration (**3 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. stainless 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 stainless steel**, mounted on a **sturdy steel chassis with antistatic wheels** and **earth chain**. **All metal parts of the vacuum are electrically grounded and made conductive**, in order to avoid sparks from static energy.



Options*

Application	Code	Description
Very fine dust	A	Absolute HEPA filter (BIA certified) with 99,999% efficiency, according to filtration class H
Fine dust	ANT C	1 micron dust antistatic filter, certificate for the suction of fine dust of class "M"