



802 WD Z22 T

Industrial Wet&dry vacuum cleaner
ATEX certified for zone 22



Suction unit

The suction is provided by a suction unit of the side channel blower type, explosion proof certified for ATEX 22. It is completely maintenance free, fit for round-the-clock 24 hours duty, very silent; a safety thermic switch cuts off the motor in case of overheating. All electrical components, including the power switch, are EX rated and certified; a vacuum indicator enables constant checking of the suction performance, and detecting possible clogging of the filter. A pressure relief valve secures constant cooling of the motor, even in case of heavy duty service or accidental clogging of the filter.

Filter / Floating unit

The machine can be used for wet or dry service. In dry applications, the machine is used with a dust filter (bag type) made of conductive antistatic polyester, in order to avoid sparks due to accumulation of non conductive static dust. A self filter cleaning system helps keeping the filter clean, so as to detach most of the dust and maintain the filter clean, in order to increase its life and maintain the suction performance of the machine.

In wet applications, a stainless steel floating device stops the suction when the container fills up; a nylon filter and a fibre filter prevent solid material blocking the floating, or foam getting to the motors.

Collection unit

An 80 lt. AISI304 stainless steel container enables to dispose easily of the sucked up liquid, which can be discharged easily with a flexible discharge hose (model 802), fitted on the back of the container. Solid and dusty material can be disposed easily, by taking off the head and tilting the collection container.

The frame is made of AISI 304 stainless steel, is completely electrically grounded, and is provided with earth chain and antistatic wheels (1 with brake)



Technical data sheet

MODEL - 802 WD Z22 T		
Explosion proof compliance	ATEX Zone	22 II 3D
Tension	Volt Hertz	230 / 400 3~ 50
Power	KW	1,8
Max. water lift for continuous duty	mm.H2O	1800
Max air flow	M3/h	250
Pocket filter type	Material	Antistatic polyester
Pocket filter surface	Cm2	8.000
Pocket filter efficiency	CAT (BIA) / micron	M 1
Capacity	Lt.	80
Suction inlet	Ø	80
Noise level	Db(A)	70
Protection	IP	55
Dimensions	cm.	48 x 50
Height	cm.	110
Weight	Kg.	50

Options

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

Il costruttore si riserva il diritto di modificare dati e caratteristiche indicate senza obbligo di preavviso.

The manufacturer reserves the right to change technical data without notice

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