

## 802 WD AIREX 2V - AIR POWERED EXPLOSION PROOF



FOOD INDUSTRY



AVIATION



SHIPYARDS



CHEMICAL-PHARMACEUTICAL



- ✓ Compressed air supply through a double Venturi suction unit
- ✓ Certificate for use in ATEX 1,2,21 and 22 areas
- ✓ Easy filter replacement
- ✓ Compact and mobile

- ✓ Floating device to stop the suction when container is full
- ✓ Earth grounding
- ✓ Vacuum gauge to detect filter clogging
- ✓ Discharge hose for liquids



### SUCTION UNIT

Atex zones		1, 2, 21, 22
Marking		II 2G - II 2D
Air supply	lt/min	3000
Air supply pressure	bar	6
Ø Air supply hose	mm	10
Max waterlift	mmH2O	4180
Max air flow	m³/h	300
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	73



### FILTRATION UNIT

Filter Type		Bag
Surface - Diameter	cm²-mm	8.000-420
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M



### COLLECTION UNIT

Capacity	lt.	80
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### VOLUME

Dimensions	cm	62x53x108h
Weight	kg	36



## SUCTION UNIT

The suction is provided by two venturi compressed-air-driven suction units, protected inside a strong steel chassis, which contains also sound absorbing material to minimize noise during service. The suction is developed by a venturi-type vented suction unit, protected inside a solid steel head, containing sound absorbing material that minimizes noise during service.

The head includes a pressure and a vacuum gauge, in order to detect the clogging of the filter



## FILTRATION UNIT

The dust filter is made of a double bag (polyester + nylon) and has a self cleaning system working on the pressure difference principle.

The PPL polypropylene filter for liquids protects the motor from foam and other solid objects; an additional plastic foam filter prevents most of the liquid mist from getting to the motor.

A floating device stops the suction whenever the liquid in the container reaches the maximum level and prevents overflowing.



## COLLECTION UNIT

The vacuum is assembled onto a sturdy steel chassis, and provided with industrial quality wheels, that make it suitable for mobile service even when used on rough surfaces.



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER
- ✓ ACTIVATED CARBON FILTER