

202 DS AIREX - AIR POWERED EXPLOSION PROOF



AVIATION



SHIPYARDS



POWER PLANTS



CHEMICAL-PHARMACEUTICAL



- ✓ Compressed air supply through a single Venturi suction unit
- ✓ Certificate for use in ATEX 1,2,21 and 22 areas
- ✓ Easy filter replacement
- ✓ Compact and mobile
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Earth grounding



SUCTION UNIT

Atex zones		1, 2, 21, 22
Marking		II 2G - II 2D
Air supply	lt/min	1500
Air supply pressure	bar	6
Ø Air supply hose	mm	10
Max waterlift	mmH2O	4500
Max air flow	m³/h	150
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	73



FILTRATION UNIT

Filter Type		Cartridge
Surface - Diameter	cm²-mm	30.000-360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		Dustop



COLLECTION UNIT

Capacity	lt.	20
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VOLUME

Dimensions	cm	50x48x100h
Weight	kg	36



SUCTION UNIT

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

The suction is provided by a venturi compressed-air-driven suction unit, 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.



FILTRATION UNIT

It is possible to clean the filter using the Dustop, an integrated reverse pulse system: by closing the suction inlet and opening a flap in the filter chamber, the airflow generated by the motor cleans the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.

The polyester cartridge filter placed inside the filter chamber guarantees a large filter surface and prevents the clogging of the filter.



COLLECTION UNIT

The vacuumed material is placed inside an AISI304 stainless steel drop-down bin mounted on wheels, which makes it possible to dispose easily and safely of the vacuumed material, if need be collecting it directly into a paper bag.



OPTIONALS

- ✓ STAINLESS STEEL CHASSIS
- ✓ ABSOLUTE HEPA FILTER