



452 AIREX 14V 1/2D-2/2G - AIR POWERED EXPLOSION PROOF



SHIPYARDS



CHEMICAL-PHARMACEUTICAL



- ✓ Compact and mobile
- ✓ High filtration efficiency
- ✓ Low noise level
- ✓ High efficiency filtration

- ✓ Sturdy vacuum cleaner for intensive use
- ✓ Powerful suction thanks to a multi-nozzle venturi unit
- ✓ Stainless steel AISI304 collection tank



SUCTION UNIT

Atex zones		CE EX 1/2D
Air supply pressure	bar	6
Ø Air supply hose	mm	12
Max water lift	mmH ₂ O	3700
Max water lift	mmH ₂ O	3700
Max air flow	m ³ /h	300
Noise level (EN ISO 3744)	dB(A)	68
Air supply	nlt / min	1458
Marking	II 1/2D Ex h IIIC T85° Da/Db - II 2/2G Ex h IIB T6 Gb/Gb	



FILTER UNIT

Filter Type		Star
Surface - Diameter	cm ² -mm	20.000 - 420
Material - Efficiency	IEC 60335-2-69	ANT Polyester - M - 1µm
Cleaning system		Manual



COLLECTION UNIT

Transport capacity	kg/h	45
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VOLUME

Dimensions	cm	70x55x127h
Weight	kg	50



SUCTION UNIT

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.



FILTER UNIT

It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment. The large surface star filter, located inside the filter stainless steel chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.



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

- ✓ ANTISTATIC FILTER CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)