

452 AIREX 7V 1/3D - AIR POWERED EXPLOSION PROOF



SHIPYARDS



ELECTRONICS



- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Compact and mobile
- ✓ High filtration efficiency
- ✓ Large surface antistatic filter
- ✓ Low noise level
- ✓ Compressed air supply through a single Venturi suction unit
- ✓ Easy to handle



SUCTION UNIT

Atex zones	ATEX Z20/21 Z1-2	
Air supply	nlt / min	729 (43)
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	150
Noise level (EN ISO 3744)	dB(A)	68
Marking	II 1/3D Ex h IIIC T80°C Da/Dc	



FILTER UNIT

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



COLLECTION UNIT

Transport capacity	kg/h	45
--------------------	------	----



VOLUME

Dimensions	cm	58x63x119h
Weight	kg	46



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.

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



FILTER UNIT

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.

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.

A HEPA filter is included as standard (99,995% on 0,18 micron, class H) which holds the finest dusts and guarantees the cleanliness of the leaving air.



COLLECTION UNIT

The detachable AISI 304 steel collection tank has a quick release system for the rapid disposal of the vacuumed material.



OPTIONALS

- ✓ PTFE COATED FILTER CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ STAINLESS STEEL COLLECTION TANK