

## 452 AIREX 14V 1/3D - AIR POWERED EXPLOSION PROOF



SHIPYARDS



- ✓ 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
- ✓ Easy to handle
- ✓ Compressed air supply through a single Venturi suction unit
- ✓ ATEX certified for Zone 20 inside the chamber and for Zone 21 outside the chamber



### SUCTION UNIT

Atex zones	ATEX Z20/21 Z1-2	
Air supply	nlt / min	1458 (87)
Air supply pressure	bar	6
Ø Air supply hose	mm	12
Max water lift	mmH <sub>2</sub> O	3700
Max water lift	mmH <sub>2</sub> O	3700
Max air flow	m <sup>3</sup> /h	300
Noise level (EN ISO 3744)	dB(A)	68
Marking	II 1/3D Ex h IIC T80°C Da/Dc	



### FILTER UNIT

Filter Type	Star	
Surface - Diameter	cm <sup>2</sup> -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	58x63x119h
Weight	kg	49



## 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 antistatic filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

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.

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.



## 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