

## 352 DS AIREX 1V - AIR POWERED EXPLOSION PROOF



FOOD INDUSTRY



AVIATION



SHIPYARDS



CHEMICAL-PHARMACEUTICAL



- ✓ Compressed air supply through a single Venturi suction unit
- ✓ Easy filter replacement
- ✓ Compact and mobile
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Earth grounding
- ✓ Vacuum gauge to detect filter clogging
- ✓ Certificate for use in ATEX 1,2,21 and 22 areas
- ✓ Integrated filter cleaning system
- ✓ Stainless steel AISI304 collection tank



### 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	4180
Max air flow	m³/h	150
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	73



### FILTRATION UNIT

Filter Type		Star
Surface - Diameter	cm²-mm	20.000-420
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		Manual



### COLLECTION UNIT

Capacity	lt.	80
----------	-----	----



### 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.

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



## FILTRATION UNIT

The large surface star filter, located inside the filter 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.



## 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.

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
- ✓ TOTAL STAINLESS STEEL CONSTRUCTION
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ PRESSURE DIFFERENTIAL KIT FOR USE OF DISPOSABLE BAG