

DM3 AIR HD - AIR POWERED



FOOD INDUSTRY



AVIATION



SHIPYARDS



CHEMICAL-PHARMACEUTICAL



- ✓ Compressed air supply through a double Venturi suction unit
- ✓ Extractable collection container with optional use of disposable bags
- ✓ High filtration efficiency
- ✓ Largest surface filter in its category
- ✓ Low noise level
- ✓ Complete steel construction
- ✓ Integrated filter cleaning system



SUCTION UNIT

Air supply	lt/min	1530
Air supply pressure	bar	6
Ø Air supply hose	mm	10
Max waterlift	mmH2O	5000
Max air flow	m ³ /h	450
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	74



FILTRATION UNIT

Filter Type		Star
Surface - Diameter	cm ² -mm	30.000-500
Material - Efficiency	IEC 60335-2-69	Polyester - L
Cleaning system		Manual



COLLECTION UNIT

Discharge system		Roll-out container
Capacity	lt.	100



VOLUME

Dimensions	cm	62x62x160h
Weight	kg	80



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 collected into a wheeled steel detachable container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal.



OPTIONALS

- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ ANTISTATIC FILTER CLASS L
- ✓ ANTISTATIC FILTER CLASS M
- ✓ ABSOLUTE HEPA FILTER
- ✓ FILTER FOR FINE DUST - CLASS M
- ✓ PTFE COATED FILTER CLASS M
- ✓ EARTH GROUNDING
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ SIEVE GRID AND DISCHARGE VALVE