

# DG 75 AF - INDUSTRIAL THREE PHASE



CERAMICS AND POTTERY INDUSTRIES



BUILDING AND CONSTRUCTION



RUBBER



WASTE TREATMENT - RECYCLING



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Largest surface filter in its category
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Pressure relief valve for motor protection
- ✓ Vacuum gauge to detect filter clogging
- ✓ Star-triangle switchboard
- ✓ Easy filter replacement
- ✓ High air flow value



## SUCTION UNIT

Voltage	V - Hz	400 - 50 3~
Power	kW	7,5
Electrical protection	IP	65
Max water lift	mmH <sub>2</sub> O	3200
Max air flow	m <sup>3</sup> /h	700
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	76



## FILTER UNIT

Filter Type		Star
Surface - Diameter	cm <sup>2</sup> -mm	49000-500
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	m <sup>3</sup> /m <sup>2</sup> /h	143
Cleaning system		Manual



## COLLECTION UNIT

Discharge system		
Capacity	l	100



## VOLUME

Dimensions	cm	66x118x175h
Weight	kg	170



## SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It is designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.

A pressure relief valve protects the motor, providing additional air for cooling.



## FILTER UNIT

The suction inlet is tangential, with an internally welded cyclone that deflects the incoming material.

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 vacuum gauge enables to check constantly the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.



## COLLECTION UNIT

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.

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



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER /H14
- ✓ PTFE COATED FILTER CLASS M
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ EARTH GROUNDING
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ PRESSURE DIFFERENTIAL KIT FOR USE OF DISPOSABLE BAG