



## DG 75 AF PN - INDUSTRIAL THREE PHASE



CERAMICS AND POTTERY INDUSTRIES



BUILDING AND CONSTRUCTION



RUBBER



FINISHING



- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Pressure relief valve for motor protection
- ✓ Vacuum gauge to detect filter clogging
- ✓ Easy filter replacement
- ✓ High filtration efficiency
- ✓ Integrated automatic filter cleaning system



### SUCTION UNIT

Voltage	V - Hz	400 - 50
Power	kW	7,5
Electrical protection	IP	55
Max waterlift	mmH2O	3.200
Max air flow	m³/h	700
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	74



### FILTER UNIT

Filter Type	Cartridge	
Surface - Diameter	cm²-mm	80.000
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system	Automatic PN	



### COLLECTION UNIT

Discharge system	Roll-out container	
Capacity	lt.	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 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

Cartridges are automatically cleaned by a pneumatic reverse pulse cleaning system. The system is automatic, timed and adjustable. A compressor can be installed (on demand) on the back frame to guarantee the required air supply.

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.

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



## 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 steel collection tank has a quick release system for the rapid disposal of the sucked material.



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER
- ✓ PTFE COATED FILTER CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ FILTER SHAKER WITH PUSH BUTTON
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ EARTH GROUNDING
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST