DG70 EXP PN - INDUSTRIAL THREE PHASE

STEELWORKS AND FOUNDRIES

CEMENT WORKS AND CONSTRUCTION IN

CERAMICS AND POTTERY INDUSTRIES

BUILDING AND CONSTRUCTION

- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Complete steel construction
- ✓ High filtration efficiency
- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Vacuum gauge to detect filter clogging
- ✓ Integrated automatic filter cleaning system

SUCTION UNIT

Voltage	V - Hz	400-50 3~
Power	kW	5,5
Electrical protection	IP	55
Max waterlift	mmH2O	3000
Max air flow	m³/h	550
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	75

FILTRATION UNIT

Filter Type		Cartridge
Surface - Diameter	cm²-mm	80.000
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	m³/m²/h	68
Cleaning system		Automatic PN
Cartridge number		3

COLLECTION UNIT

Discharge system		Roll-out container
Capacity	lt.	100

VOLUME

Dimensions	cm	66x118x187h
Weight	kg	180

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www.delfinvacuums.it
delfin@delfinvacuums.it

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.

FILTRATION UNIT

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

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

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ ABSOLUTE HEPA FILTER
- ✓ PTFE COATED FILTER CLASS M
- ✓ PRESSURE RELIEF VALVE
- ✓ EARTH GROUNDING
- ✓ LONGOPAC BAGGING SYSTEM

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