delfin
INDUSTRIAL VACUUM SOLUTIONS

DG VL 110 MAN - INDUSTRIAL THREE PHASE

FOOD INDUSTRY

CEMENT

CERAMICS AND POTTERY INDUSTRIES

- ✓ Side channel blower motor , powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Largest surface filter in its category
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Pressure relief valve for motor protection
- ✓ Vacuum gauge to detect filter clogging
- ✓ Easy filter replacement
- ✓ Reduced downtime of machine tools
- ✓ High filtration efficiency
- ✓ Full customization for specific needs

SUCTION UNIT

Voltage	V - Hz	400 - 50 3~
Power	kW	11
Electrical protection	IP	65
Max water lift	mmH□O	4000
Max air flow	m³/h	1050
Suction inlet	mm	120
Noise level (EN ISO 3744)	dB(A)	75

FILTER UNIT

Filter Type		Star
Surface - Diameter	cm²-mm	70000 - 560
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Air load on filter	m³/m²/h	150
Cleaning system		Manual

COLLECTION UNIT

Capacity	l	160

VOLUME

Dimensions	cm	170x74x200h
Weight	kg	380

COPYRIGHT © 2023 DELFIN S.R.L. ALL RIGHTS RESERVED
COPYRIGHT © 2023 DELFIN S.R.L. TUTTI I DIRITTI RISERVATI

All data mentioned in this document may change without notice
Tutti i dati riportati in questo documento potrebbero variare senza avviso

www.delfinvacuums.com
delfin@delfinvacuums.it

delfin
INDUSTRIAL VACUUM SOLUTIONS

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

The suction inlet is tangential, with an internally welded cyclone that deflects the incoming material.
The large surface star filter, located inside the filter stainsteel chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.
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.
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 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
- ✓ REMOTE CONTROL
- ✓ FLOOR FIXED SYSTEM, WITHOUT WHEELS

COPYRIGHT © 2023 DELFIN S.R.L. ALL RIGHTS RESERVED
COPYRIGHT © 2023 DELFIN S.R.L. TUTTI I DIRITTI RISERVATI