



DG EXP 70

Continuous duty industrial vacuum cleaner

Suction unit

The suction is provided by a suction unit of the side channel blower type, with direct coupling between the fan and the motor shaft and no transmission system. It is thus completely maintenance free, fit for round-the-clock 24 hours duty, very silent and provides outstanding suction performances; a vacuum gauge enables constant checking of the suction performance, and detecting possible clogging of the filter. A diffuser filter reduces the speed and noise of the air on the exhaust outlet.

Filter unit

The filter is placed and protected inside the steel filter chamber; ; the polyester star filter provides a filter surface of 30.000 cm², and high filtration efficiency (class L, 3 micron). A manual filter shaker enables the user to clean the filter efficiently, by a vertical shaking movement, so as to detach most of the dust and maintain the filter clean, in order to increase its life and maintain the suction performance of the machine. The aluminium die-cast suction inlet (Ø80 mm. diameter), placed below the filter, makes it possible to vacuum at the same time dust, solid and liquid material (the latter only within the capacity of the container), with no need to change or take out the filter.

Collection unit

The vacuumed material is placed inside a drop-down bin mounted on wheels (100 litres capacity), which makes it possible to dispose easily and safely of the sucked material, if need be collecting it directly into a plastic bag.

The vacuum is mounted on a sturdy steel chassis with two pivoting wheels, one of which with brakes; all metal parts of the vacuum are epoxy painted.



Technical data sheet

MODEL – DG EXP 70		
Tension	Volts HZ	230/400 3~ 50 / 60
Power	KW	5,5
Max. Vacuum rate	mm.H2O	3000
Max. Vacuum rate on continuous duty	mm.H2O	2200
Max. Air flow rate	M3/h	550
Filter surface (pocket filter)	Cm2	30.000
Type of filter	Pocket	Polyester
Filter efficiency	CAT BIA Micron	L > 3
Air load on filter	M3/M2/h	183
Capacity	Lt.	100
Suction inlet	∅	80
Noise level	dB(A)	74
Protection	IP	55
Dimensions	cm.	66 x 118
Height	cm.	140
Weight	cm.	130

* Measured with fully closed suction inlet

** Measured with fully open suction inlet



Options

Cod	Description
M	Filter for fine dust - class M
H	Absolute filter (BIA certified) with efficiency 99,995% particle size 0,18 µm standard EN 1822
PTFE	PTFE coated filter
NOMEX	NOMEX filter for high temperatures (max 250° C)
ANT	Antistatic filter
X	Stainless steel collection tank
XX	Stainless steel tank and filter chamber
XXX	Total stainless steel construction
FLOAT	Floating device to stop suction when the bin is full of liquids
PN	Reverse alternated air pulse cleaning
MT	Earth grounding
ELF	Extra large filter

Il costruttore si riserva il diritto di modificare dati e caratteristiche indicate senza obbligo di preavviso.

The manufacturer reserves the right to change technical data without notice