



DM3

Industrial vacuum cleaner for dust, liquid and solid material

Suction unit

The suction is provided by three by-pass motors, using carbon brushes, operated by independent switches and placed inside a sturdy steel casing. The motor head is filled with noise reducing material, in order to limit as much as possible the level of noise, and designed in order to convey the exhaust air towards the ground, so as not to bother the user and not to raise possible dust in the neighbouring area. The control board includes the three independent switches and a vacuum indicator with warning light, useful to detect possible clogging of the filter. Two handles placed on the sides enable an easy lifting and removal of the motor head, for possible inspection or replacement of the underlying filter.

Filter unit

The filter is placed and protected inside the steel filter chamber; the filter is made of polyester, tailored with stars in order to increase the filter surface (20.000 cm²), and has a high filtration efficiency (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 frontal 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 lt. of 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, and includes a basket for accessories; all metal parts of the vacuum are epoxy painted.



Technical data sheet

MODEL - DM3		
Voltage	Volt HZ	230 50
Power	KW	3,45
Max. Water lift	mm.H2O	2500
Air flow	M3/h	540
Filter surface (star filter)	Cm2	20.000
Filter efficiency	CAT (BIA) / micron	L > 3
Air load on filter	M3/M2/h	270
Bin collection capacity	Lt.	100
Suction inlet	Ø	80
Noise level	dB(A)	75
Dimensions	cm.	58 x 60
Height	cm.	160
Weight	Kg.	70

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

www.delfinvacuums.it
delfin@delfinvacuums.it