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Mod. D/M3

INDUSTRIAL VACUUM CLEANER FOR DUST, LIQUID AND SOLID MATERIAL



Specifications		DM3
Electrics	Volt HZ Amps	230 (110) / 50-60 15 amp
By-pass motors	N.	3 (single phase)
Power	KW HP	3,4 4,6
Max. Vacuum rate*	mm.H ₂ O	2.300
Max. Air flow rate**	M ³ /h	600
Filter surface (pocket filter)	Cm ²	30.000
Filter efficiency	CAT (BIA) / micron	ELF / C 1
Air load on filter	M ³ /M ² /h	200
Bin collection capacity	Lt.	75
Suction inlet	Ø	80
Noise level	dB(A)	78
Isolation	CL	1
Dimensions	cm.	62 x 62
Height	cm.	160
Weight	Kg.	80

* Measured with fully closed suction inlet

** Measured with fully open suction inlet

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**, and designed in order to **convey the exhaust air towards the ground**. The control board includes the **three independent switches** and a **vacuum indicator**, useful to **detect possible clogging of the filter**.

Filter unit

The filter is placed and protected inside the steel filter chamber; the **filter is made of polyester** and has a **high filtration efficiency (1 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 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.

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