

M235 S

Industrial vacuum cleaner for dust and solid material



Suction unit

The suction is provided by two by-pass motors, using carbon brushes, operated by independent switches and placed inside a sturdy and noise reducing plastic 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 two independent switches, a vacuum indicator, a light detector for 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 polyester star filter provides a filter surface of 20.000 cm², and a 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 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 (35 litres capacity), operated by user friendly handles placed at operator's height, 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 – M235 S		
Voltage	Volt HZ	230 (110) 50-60
By-pass motors	N.	2 (single phase)
Power	KW HP	2,3 3
Max. Vacuum rate*	mm.H2O	2.500
Max. Air flow rate**	M3/h	360
Filter surface (pocket filter)	Cm2	20.000
Filter efficiency	CAT (BIA) / micron	L 3
Air load on filter	M3/M2/h	180
Capacity	Lt.	35
Suction inlet	Ø	80
Noise level	dB(A)	74
Dimensions	cm.	50 x 60
Height	cm.	120
Weight	Kg.	35

* Measured with fully closed suction inlet

** Measured with fully open suction inlet

Options

Cod	Description
M	Filter for fine dust
H	Absolute filter (BIA certified) with efficiency 99,995% particle size 0,18 µm standard EN 1822
ANT	Antistatic filter
X	Stainless steel collection tank
XX	Stainless steel tank and filter chamber
PTFE	PTFE coated filter
NOMEX	NOMEX filter for high temperatures (max 250° C)