

Series A 45 Dust Collector



Dust collector filter



Detachable container



Industrial vacuum cleaner for dust, solid and liquid 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, 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 pockets 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 (60 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.

ACCESSORIES

Item no.	Accessories included with A45 model
AA 2638	80 to 50 mm steel hose connector
AA 1019	Complete Hose + cuffs
AA 2592	Hand brush - Dry surfaces
AA 1045	Flat nozzle
	Spare parts
AR 3024	Main polyester filter – 20.000cm ² – Class L
AR 2059	Container gasket
AR 2013	Filter chamber gasket
	Optional Accessories
AA 1028	Hose cuff (50mm)
AA 1012	PVC hose / max of 20mtr.
AA 1037	Connector piece
AA 1403	Floor brush for wet use only
AA 1420	Floor brush for dry use only
AR 3025	Main polyester filter – 20.000 cm ² – Class M
AA 1252	Optional Class H – HEPA cartridge filter
AA 2659	Double bend floor wand to use with steel brush (AA 1403) for wet surfaces and with brush steel (AA 1420) for dry surfaces
AA 1134	Brush on wheels + floor attachment: 80 to 60 mm steel hose connection
AA 1145/500	Optional cyclone for additional filter protection



TECHNICAL DATA

Model	A 45
Single phase motors (N)	3
Voltage (110Volt / 50-60Hz)	303.4110
Voltage (220Volt / 50-60Hz)	303.4220
Power (kW / HP)	3.5 / 4.6
Output Flow (M ³ per h / Lt per sec)	540 / 150
Vacuum Rate (mm.H ₂ O)	2500
Type of filter / Filter material	Star / Polyester
Filter surface (pocket filter) (cm ²)	20.000
Filter efficiency (CAT B/A per micron)	G/L (3 micron)
Airload on filter(M ³ /M ² /h)	270
Capacity (Lt)	60
Suction inlet (Ø)	80
Noise level (Db(A))	75
Isolation (CL)	1
Dimensions (cm)	58 x 60
Height (cm)	150
Weight (kg)	65



Brush on wheels + floor attachment (80 to 60mm steel hose connection)



Filter shaker lever