



MOBI-VAC Self Clean – Mobile Dust Filter

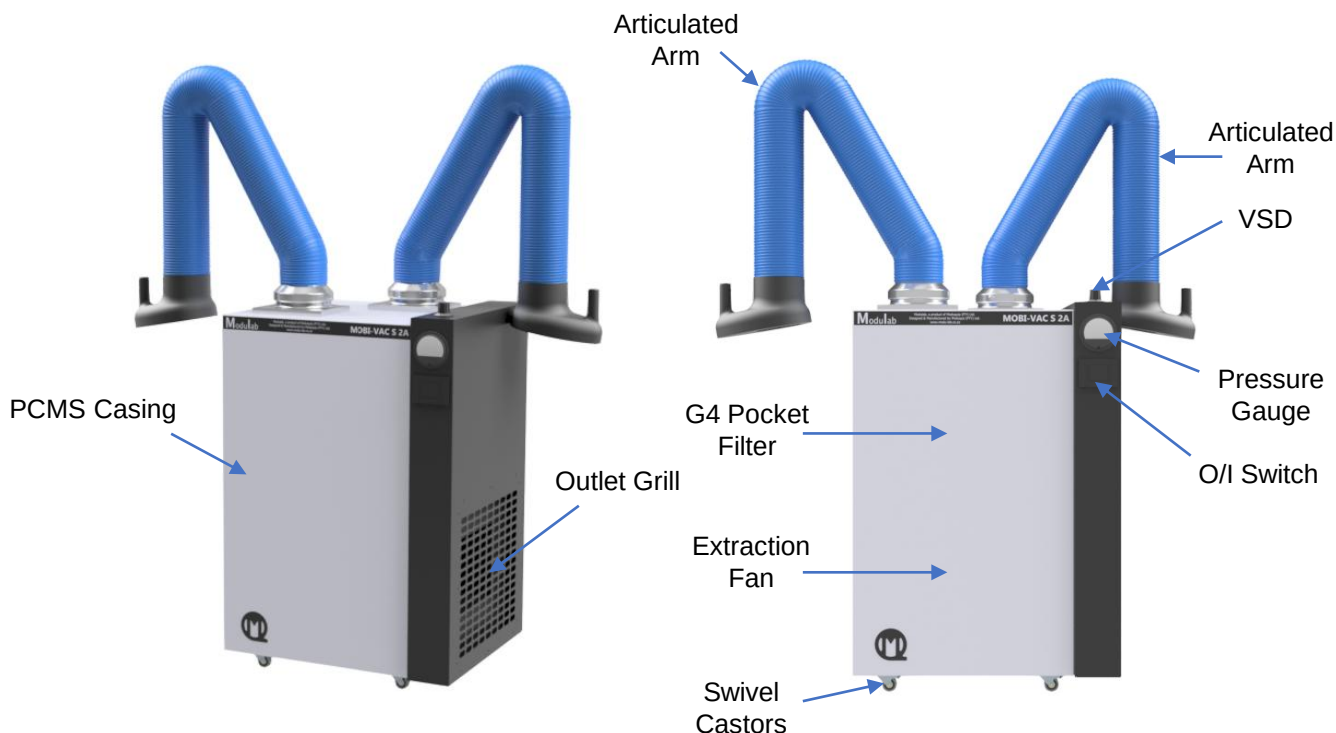
Modulab's MOBI-VAC Self clean range of mobile dust filter units are specifically designed for the use in wet and dry laboratories. These dust filter units are available with one or two, 2m long articulated mechanical extraction arms that allow operators to move the extraction hood to their desired position for maximum extraction. All units come with a circular paper cartridge filter with a vibrating motor attached to vibrate the filter on command and self clean the filter always ensuring the best dust removal. All particles larger than 5µm are filtered out of the air stream through the highly efficient cartridge filter. Special attention has been paid to the ergonomic design which allows for ease of movement and excellent access to filter cartridge for ease of removal. Extraction volumes and velocities are sufficient to capture dust particles at source. All units are fitted with built in pressure differential gauges that warn the operator when the filter is reaching full capacity and require self cleaning. The built-in extraction fan is fitted with a three setting VSD drive thus allowing the user the ability to vary the flowrate to their desired rate of extraction.

Standard Features:

- Powder Coated Mild Steel Casing
- 1 or 2, 2m Long Articulating Arms
- Built-in Extraction Fan
- Circular Paper Cartridge Filter
- Pressure Gauge
- Variable Speed Drive for Flow Control
- Extraction Fan c/w Variable Speed Drive
- Canopy Hood c/w Grip Handles
- Inlet Damper Built-in to Canopy Hood
- Swivel Castors for Mobility
- Vibrate motor to auto clean filter

Optional Extra Accessories:

- Post Filter for Outlet Grill





Models and Specifications

Models	MOBI-VAC SC 1A	MOBI-VAC SC 2A
M.O.C – Housing	Powder Coated Mild Steel	
M.O.C - Fan	Galvanized Mild Steel	
Articulating Arms:	1 off	2 off
Canopy Hoods:	1 off	2 off
Flow Rate (max):	2500 m3/hr	2 500 m3/hr
Filter Area:	6 m3	6 m3
Max Temp:	70 ° C	70 ° C
Moisture Resistance:	100 %	100 %
Filter Velocity (max):	2.5 m/s	2.5 m/s
Particle Size (max):	5 mm	5 mm
Particle Size (min):	5 µm	5 µm
Pressure Drop Over Filter:	80 Pa	
Dust Holding Capacity:	800 Pa	
Bursting Strength:	2 000 Pa	
Filter Class:	EN 779.2012 – F7	
Efficiency:	65 %	

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