PLYMOVENT®
clean air at work

MOBILEGO-AC



MOBILE FILTER UNIT WITH ACTIVATED CARBON FILTER

The MobileGo-AC is a mobile filter unit with built-in fan and a hose tube arm (EconomyArm).

It contains a filter cassette with high activity activated carbon, specially developed for the adsorption of a wide range of volatile organic compounds (VOC).

Thanks to the four transport wheels (two of which are swivel casters with brake) and compact design, the MobileGo-AC is suitable for use in relatively small facilities or near sources of pollution without a fixed location.

APPLICATIONS

The MobileGo-AC is intended to be used for the following applications:
- reduction of volatile organic compound
- industrial odour removal

SPECIFICATIONS

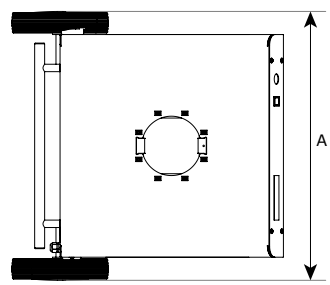
Physical dimensions and properties	
Material (housing) • steel grade • steel grade no.	electro-zinc coated steel (according to DIN EN 10152) • DC01+ZE • 1.0330
Colour	yellow RAL 1004 grey RAL 7011
Weight (net), excl. arm	84 kg (185 lbs)
Mains cord: • type • length	 • 3G1.5 • 6 m (20 ft)
Extraction arm	
Type	EconomyArm (EA)
Material	hose tube
Diameter	Ø 160 mm (6¼ in.)
Hood opening	Ø 300 mm (11¾ in.)
Length (nom.): • EA-2/S • EA-3/S	 • 2 m (6½ ft) • 3 m (10 ft)
Weight: • EA-2/S • EA-3/S	 • 11 kg (24¼ lbs) • 13 kg (28¾ lbs)
Filters	
Pre filter (cassette): • material • filter surface • filter classification • washable	 • polyester • 1 m² (10¾ ft²) • ISO Coarse 70% according to ISO 16890 • no
Main filter (cassette): • type of carbon • carbon content • moisture content, as packed	 • coal based extruded • 15 kg (33 lbs) • max. 5%
• bed density • carbon tetrachloride activity • butane activity • iodine number • hardness • pellet diameter • washable	• 450 kg/m³ • min. 60% w/w • min. 23% w/w • 1000 mg/g • 90% • Ø 3 mm • no
Performance	
Fan type	radial
Extraction capacity; 50 Hz: 60 Hz:	(incl. extraction arm) max. 1000 m³/h (589 CFM) max. 1100 m³/h (600 CFM)
Fan speed; 50 Hz: 60 Hz:	 2800 rpm 3400 rpm
Noise level (according to ISO 3746)	67 dB(A)
Electrical data	
Power consumption	1,1 kW (1½ HP)
Available connection voltages	• 230V/1ph/50Hz (215) • 115V/1ph/60Hz (116)
Motor design	IEC
Energy efficiency	*n.a. for single phase motors*
Plug: • 230V/1ph/50Hz • 115V/1ph/60Hz	Type: • F • *none*
Ambient and process conditions	
Process temperature: • min. • nom. • max.	 • 5°C (41°F) • 20°C (68°F) • 40°C (104°F)
Max. relative humidity	90%
Suitable for outdoor use	no
Storage conditions	• 5-40°C (41-104°F) • relative humidity max. 60% • in the original packing
Scope of supply	
Mobile filter unit – Extraction arm (pre-assembled; excl. hose tube) – Hose tube – Hose clamp (2) – Rotating flange – Arm swivel ring, incl. rubber collar – Extraction hood – Hood collar with safety mesh – Mounting material	

product data sheet

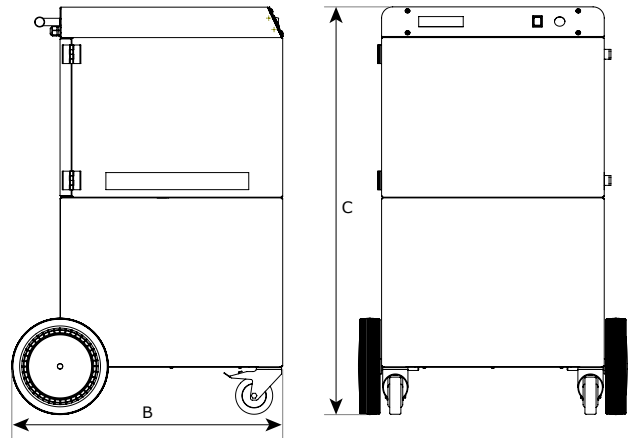
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Type	MobileGo-AC/2m		MobileGo-AC/3m	
Connection voltage	230V/1ph/50Hz	115V/1ph/60Hz	230V/1ph/50Hz	115V/1ph/60Hz
■ Order information				
Article no.	0000112350	*on request*	0000112353	*on request*
Number/package	1	1	1	1
■ Logistics data				
Gross weight (incl. pallet)	101 kg (223 lbs)		103 kg (227 lbs)	
Packing dimensions (incl. pallet)	800 x 1200 x 1650 mm (31½ x 47¼ x 65 in.)		800 x 1200 x 2250 mm (31½ x 47¼ x 88½ in.)	
Max. number/pallet	1		1	
Harmonized Tariff Code	84213925		84213925	

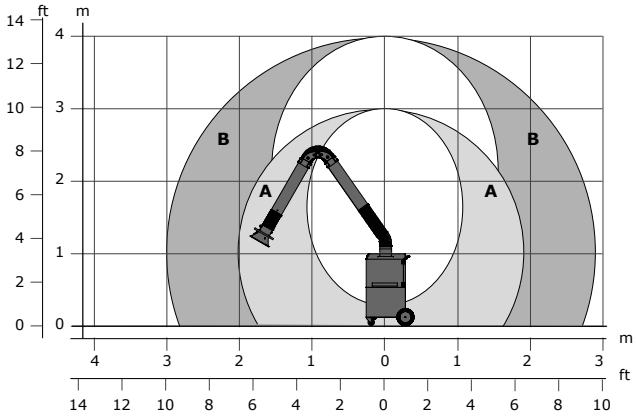
DIMENSIONS



	mm	inch
A	725	28½
B	730	28¾
C	1100	43¼

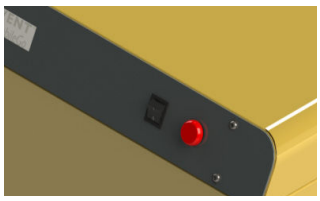


WORKING RANGE



A	EA-2/S
B	EA-3/S

FEATURES & BENEFITS

50 Hz: Service indicator (buzzer)	60 Hz: Service indicator (light)
	

Simple control | Service indicator monitors the airflow

APPROVALS/CERTIFICATES

CE	50 Hz	
RoHS	50 Hz	Directive 2011/65/EC (RoHS) valid as of 8 June 2011
c UL us	60 Hz	On electrical components only

Application restrictions
Do **not** use the product for the following applications or in the following circumstances: polishing applications in combination with grinding, welding or any other application that generate sparks (fibres from polishing or abrasive flap disks are highly flammable and pose a high risk of filter fires when exposed to sparks) | aluminium laser cutting | oil mist | heavy oil mist in welding fume | arc-air gouging | extraction of aggressive fumes and gases (e.g. from acids, from alkaline, from soldering paste containing lithium) | extraction of hot gases (more than 70°C/158°F continuously) | grinding aluminum and magnesium | flame spraying | extraction of cement, saw dust, wood dust etc. | sucking cigarettes, cigars, oiled tissues and other burning particles, objects and acids

Product type	**MobileGo-AC**
Article no.	*refer to Order information*
Product category	mobile filter units
Version	B

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