

## MOBILEGO

### MOBILE FILTER UNIT WITH HOSE TUBE ARM

The MobileGo is a mobile welding fume filter with built-in fan and a hose tube arm (EconomyArm). It contains a disposable filter package.

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

The MobileGo is an entry level extractor. It has been designed for the consumption of approx. 1 coil of solid wire or 7,5 kg (16.5 lbs) of electrodes per month and TIG welding.



### APPLICATIONS

The MobileGo is intended to be used for the following applications:

- MIG-MAG/GMAW welding
- TIG welding
- FCAW welding
- stick/MMAW welding
- grinding
- polishing
- finishing



### SPECIFICATIONS

#### Physical dimensions and properties

Material (housing):	electro-zinc coated steel (according to DIN EN 10152)
• steel grade	• DC01+ZE
• steel grade no.	• 1.0330
Colour	yellow RAL 1004 grey RAL 7011
Weight (net), excl. arm	84 kg (185 lbs)
Mains cord:	
• type	• 3G1.5
• length	• 6 m (20 ft)

#### Extraction arm

Type	EconomyArm (EA)
Material	hose tube
Diameter	Ø 160 mm (6.3 in.)
Hood opening	Ø 300 mm (11.8 in.)
Length:	
• EA-2	• 2 m (6.6 ft)
• EA-3	• 3 m (9.8 ft)
Weight:	
• EA-2	• 11 kg (24.3 lbs)
• EA-3	• 13 kg (28.7 lbs)

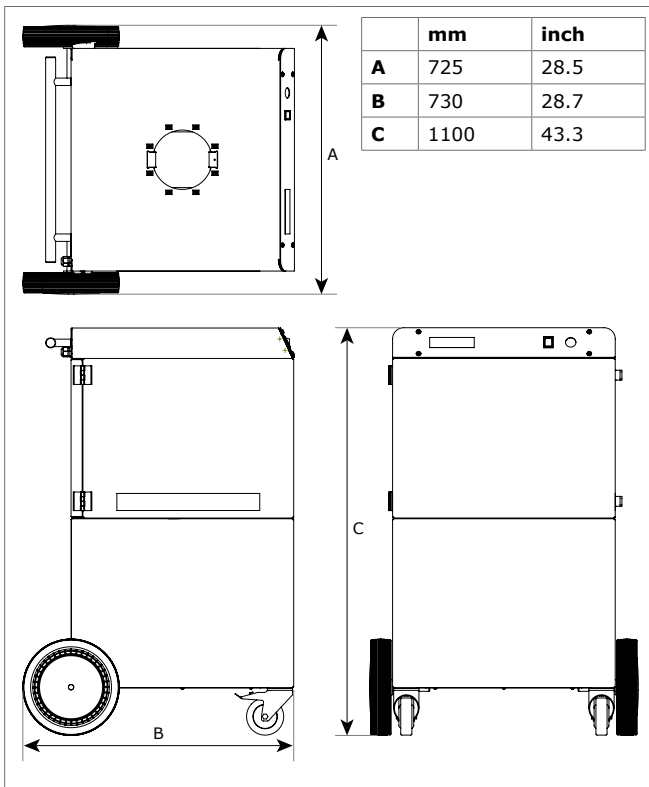
#### Filters

Pre filter (cassette):	
• material	• polyester
• filter surface	• 1 m <sup>2</sup> (10.8 ft <sup>2</sup> )
• filter classification	• ISO Coarse 70% according to ISO 16890
• washable	• no
Main filter (cassette):	
• material	• glass fibre
• filter surface	• 15 m <sup>2</sup> (161 ft <sup>2</sup> )

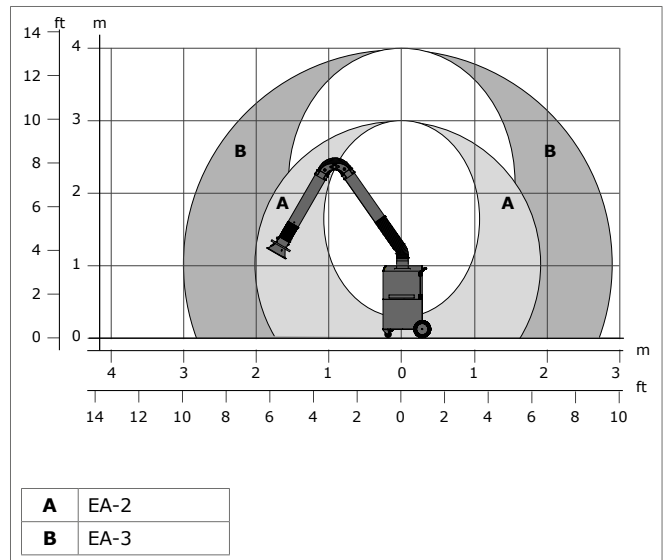
• efficiency class	• E12 according to EN 1822-1:2009
• washable	• no
<b>Welding fume class</b>	
W3	according to ISO 15012-1:2013
<b>Performance</b>	
Fan type	radial
Extraction capacity (incl. extraction arm)	max. 850 m <sup>3</sup> /h (500 CFM)
Fan speed	2800 rpm
Noise level (according to ISO 3746)	67 dB(A)
<b>Electrical data</b>	
Power consumption	1,1 kW (1.5 HP)
Available connection voltages	• 115V/1ph/50Hz (115) • 230V/1ph/50Hz (215)
Motor design	IEC
Energy efficiency	<i>n.a. for single phase motors</i>
Plug:	Type:
• 115V/1ph/50Hz	• none
• 230V/1ph/50Hz	• F
<b>Ambient and process conditions</b>	
Process temperature:	
• min.	• 5°C (41°F)
• nom.	• 20°C (68°F)
• max.	• 70°C (158°F)
Max. relative humidity	90%
Suitable for outdoor use	no
Storage conditions	• 5-45°C (41-113°F) • relative humidity max. 80%
<b>Options and accessories</b>	
MobileGo-AC/2m (215)	MobileGo with an activated carbon filter instead of a HEPA filter
MobileGo-AC/3m (215)	
<b>Scope of supply</b>	
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	

Type	MobileGo/2m		MobileGo/3m	
Connection voltage	115V/1ph/50Hz	230V/1ph/50Hz	115V/1ph/50Hz	230V/1ph/50Hz
<b>■ Order information</b>				
Article no.	0000111450	0000111449	0000111471	0000111470
• MobileGo-AC		0000112350		0000112353
Number/package	1	1	1	1
<b>■ Logistics data</b>				
Gross weight (incl. pallet)	101 kg (223 lbs)		103 kg (227 lbs)	
Packing dimensions (incl. pallet)	800 x 1200 x 1650 mm (31.5 x 47.2 x 65.0 in.)		800 x 1200 x 2250 mm (31.5 x 47.2 x 88.6 in.)	
Max. number/pallet	1		1	
Harmonized Tariff Code	84213925		84213925	

## DIMENSIONS



## WORKING RANGE



**FEATURES & BENEFITS**





Compact design



Simple control | Service indicator (buzzer) monitors the airflow

**APPROVALS/CERTIFICATES**

	
	Directive 2011/65/EC (RoHS) valid as of 8 June 2011

**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 | explosive environments or explosive substances/gases

Product type	<b>MobileGo</b>
Article no.	<i>refer to Order information</i>
Product category	mobile filter units
Version	250518/F

Always check the latest version on [www.plymovent.com](http://www.plymovent.com)