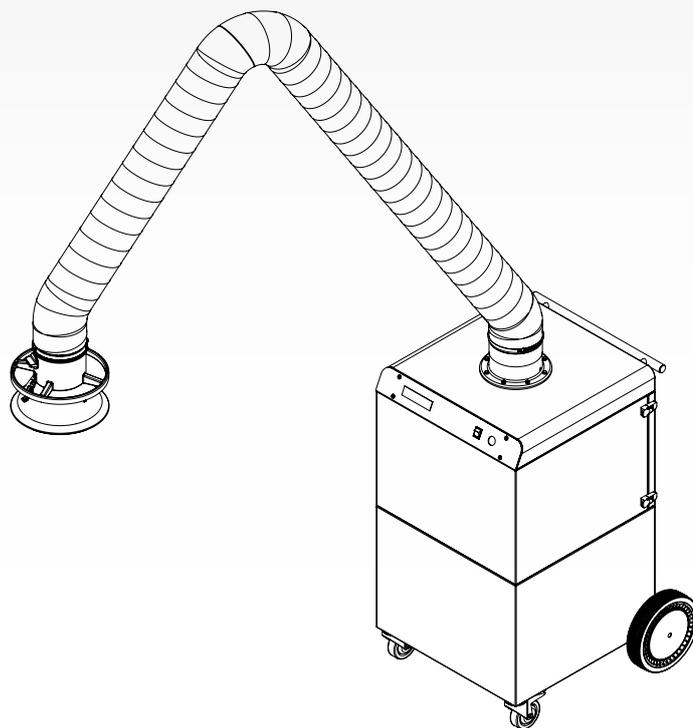


Mobile welding fume extractor with flexible arm

MOBILEGO | MOBILEGO^{PLUS}



EN

Installation and user manual

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EN | ORIGINAL INSTRUCTION

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To improve comprehension for people whose first language is not English, we have written parts of this manual in Simplified Technical English (STE). STE is a controlled language originally developed for aerospace industry maintenance manuals. It offers a carefully limited and standardized subset of English, along with specific writing rules.

PREFACE

Using this manual

This manual is intended to be used as a work of reference for professional, well trained and authorised users to be able to safely install, use, maintain and repair the product mentioned on the cover of this document.

Pictograms and symbols

The following pictograms and symbols are used in this manual:

	TIP Suggestions and recommendations to simplify carrying out tasks and actions.
	ATTENTION A remark with additional information for the user. A remark brings possible problems to the user's attention.
	CAUTION! Procedures, if not carried out with the necessary caution, could damage the product, the workshop or the environment.
	WARNING! Procedures which, if not carried out with the necessary caution, may damage the product or cause serious personal injury.
	CAUTION! Denotes risk of electric shock.
	WARNING! Fire hazard! Important warning to prevent fire.
	WARNING! Explosion hazard! Important warning to prevent explosions.
	Personal protective equipment (PPE) Instruction to use respiratory protection when you do service, maintenance and repair jobs, as well as during functional testing. We recommend to use a half-face respirator according to EN 149:2001 + A1:2009, class FFP3 (Directive 89/686/EEC).
	Personal protective equipment (PPE) Instruction to use protective gloves when you do service, maintenance and repair jobs.

Text indicators

Listings indicated by “-” (hyphen) concern enumerations.
Listings indicated by “•” (bullet point) describe steps to perform.

Service and technical support

For information about specific adjustments, maintenance or repair jobs which are not dealt with in this manual, please contact the supplier of the product. He will always be willing to help you. Make sure you have the following specifications at hand:

- product name
- serial number

You can find these data on the identification plate.

Product indications

Unless specifically stated, the contents of this manual applies to the MobileGo as well as the MobileGo^{plus}.

1 INTRODUCTION

1.1 Identification of the product

The identification plate contains, among other things, the following data:

- product name
- serial number
- supply voltage and frequency
- power consumption



1.2 General description

The MobileGo is a mobile filter unit with an integrated fan and an extraction arm. It features a pre filter cassette and a HEPA filter cassette (both disposable). Thanks to the four transport wheels (two of which are swivel casters with brake), the MobileGo is suitable to be used in relatively small facilities or near sources of pollution without a fixed location.

1.2.1 Intensity of use

We recommend to use the MobileGo for occasional welding¹ and TIG welding. The MobileGo^{plus} is suitable for occasional to regular welding activities².

1.3 Technical specifications



	MobileGo	MobileGo ^{plus}
Physical dimensions and properties		
Material (housing)	electro-zinc coated steel	
Weight (excl. arm)	84 kg (185 lbs)	85,5 kg (188½ lbs)
Filters		
Pre filter cassette:		
- material	polyester	polyester
- filter surface	1 m ² (10¾ ft ²)	1 m ² (10¾ ft ²)
- filter classification	ISO Coarse 70% according to ISO 16890	ISO Coarse 70% according to ISO 16890
HEPA filter cassette:		
- material	glass fibre	glass fibre
- filter surface	15 m ² (161 ft ²)	26 m ² (280 ft ²)
- efficiency class	E12 according to EN 1822-1:2009	E12 according to EN 1822-1:2009
Washable	no	no
Extraction arm		
Type	hose tube arm (Economy Arm)	metal tube arm (KUA)
Length	2 or 3 m	
Diameter	Ø 160 mm (6¼ in.)	
Weight (per arm)	Type Weight	Type Weight
	EA-2/S 14,5 kg (32 lbs)	KUA-160/2S 14 kg (31 lbs)
	EA-3/S 16,5 kg (36 lbs)	KUA-160/3S 15 kg (33 lbs)
Fan		
Fan type	radial	
Extraction capacity	max. 850 m ³ /h (500 CFM)	
Fan speed	2800 rpm	
Noise level	67 dB(A) according to ISO 3746	
Electrical data		
Power consumption	1,1 kW (1½ HP)	

1. Approx. 1 coil of solid wire or 7,5 kg (16½ lbs) of electrodes per month

2. Approx. 2 coils of solid wire or 15 kg (33 lbs) of electrodes per month

Available connection voltages	- 115V/1ph/50Hz - 115V/1ph/60Hz - 230V/1ph/50Hz
Motor design	IEC
Energy efficiency	n.a.
Mains cord	5 m
Plug:	Type:
- 115V/1ph/50Hz	- none
- 115V/1ph/60Hz	- none
- 230V/1ph/50Hz	- F
Welding fume class	
W3 compliant	according to EN-ISO 21904-2-2020

1.3.1 Dimensions

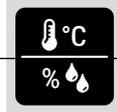
Refer to Fig. I on page 10.



1.4 Working range

Refer to Fig. II on page 10.

1.5 Ambient and process conditions



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

Refer to the available product data sheets for detailed product specifications.

1.6 Transport of the unit

You cannot hold the manufacturer liable for any transportation damage after delivery of the product.

- Handle the filter unit and the accompanying extraction arm with care.
- Completely dismount the extraction arm before transport. Dismount the arm by executing the mounting procedure in reverse order. Subsequently the filter unit and the arm can be transported on a pallet in the original packing.
- To prevent damage, make sure that the filter unit and the arm cannot shift on the pallet.

2 PRODUCT DESCRIPTION

2.1 Components

The product consists of the following main components and elements:

Fig. 2.1

- A Shut-off damper
- B Extraction arm (shown: hose tube arm)
- C Control panel
- D Pre filter cassette
- E HEPA filter cassette
- F Fan + motor

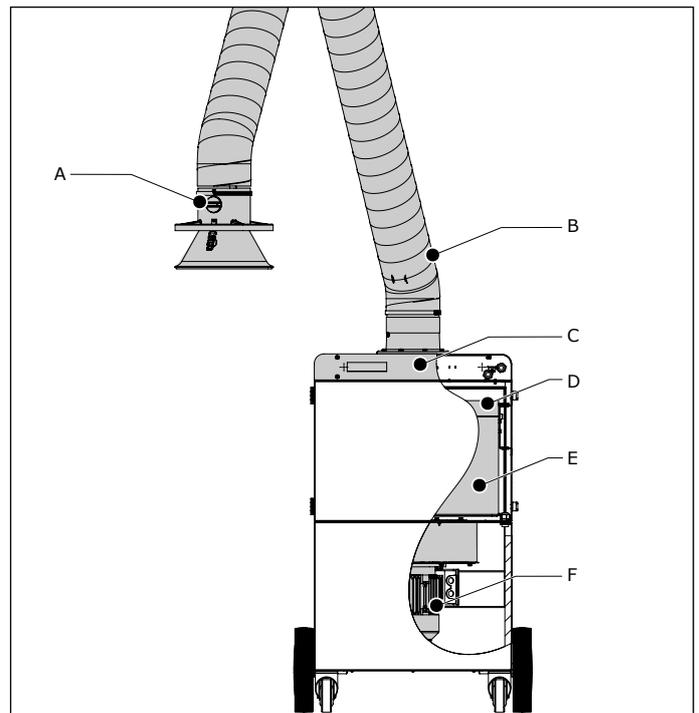


Fig. 2.1 Main components and elements

2.2 Operation



The MobileGo works in accordance with the recirculation principle. Welding fume is extracted through the hood of the connected extraction arm by the built-in fan. The polluted air passes the pre filter cassette and is cleaned by the HEPA filter cassette. The cleaned air is returned in the workshop through the outlet grid on the rear of the unit.

2.2.1 Indication of filter replacement

The MobileGo has a service indicator that monitors the airflow. It gives an acoustic signal to replace the filter(s).

3 SAFETY INSTRUCTIONS

General



The manufacturer does not accept any liability for damage to the product or personal injury caused by ignoring of the safety instructions in this manual, or by negligence during installation, use, maintenance, and repair of the product mentioned on the cover of this document and any corresponding accessories. Specific working conditions or used accessories may require additional safety instructions. Immediately contact your supplier if you detect a potential danger when using the product.

The user of the product is always fully responsible for observing the local safety instructions and regulations. Observe all applicable safety instructions and regulations.

User manual

- Everyone working on or with the product, must be familiar with the contents of this manual and must strictly observe the instructions therein. The management should instruct the personnel in accordance with the manual and observe all instructions and directions given.
- Do not change the order of the steps to perform.
- Keep the manual with the product.

Users

- The use of this product is exclusively reserved to authorised, trained and qualified users. Temporary personnel and personnel in training can only use the product under supervision and responsibility of skilled engineers.
- Stay alert and keep your attention to your work. Do not use the product when you are under the influence of drugs, alcohol or medicine.
- The product is not to be used by children or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
- Children must be supervised not to play with the product.

Intended use³

The product has been designed exclusively for extracting and filtering gases and particles which are released during the most common welding processes. Using the product for other purposes is considered contrary to its intended use. The manufacturer accepts no liability for any damage or injury resulting from such use. The product has been built in accordance with state-of-the-art standards and recognised safety regulations. Only use this product when in technically perfect condition in accordance with its intended use and the instructions explained in the user manual.

Technical specifications

Do not change the specifications given in this manual.

Modifications

Modification of (parts of) the product is not allowed.

Installation

- The installation of this product is exclusively reserved to authorised, trained and qualified engineers.
- The electric connection must be executed in accordance with the local codes and requirements. Ensure compliance with the EMC regulatory arrangements.
- During installation, always use Personal Protective Equipment (PPE) to avoid injury. This also applies to persons who enter the work area during installation.
- Make sure that the workspace is well illuminated.
- Stay alert and keep your attention to your work. Do not install the product when you are under the influence of drugs, alcohol or medicine.
- Air containing particles such as chromium, nickel, beryllium, cadmium, lead etc., should never be recycled. This air must always be brought outside the working area.

Use

	<p>WARNING! Fire hazard! Do not use the product for:</p> <ul style="list-style-type: none"> - polishing applications in combination with grinding, welding or any other application that generate sparks (fibers from polishing or abrasive flap disks are highly flammable and pose a high risk of filter fires when exposed to sparks) - arc-air gouging - extracting and/or filtering flammable, glowing or burning particles or solids or liquids - extracting and/or filtering of aggressive fumes (such as hydrochloric acid) or sharp particles
--	--

3. "Intended use" as explained in EN-ISO 12100-1 is the use for which the technical product is suited as specified by the manufacturer, inclusive of his directions in the sales brochure. In case of doubt it is the use which can be deduced from the construction, the model and the function of the technical product which is considered normal use. Operating the machine within the limits of its intended use also involves observing the instructions in the user manual.

	<ul style="list-style-type: none"> - extracting and/or filtering dust particles which are released when welding surfaces treated with primer - sucking cigarettes, cigars, oiled tissues, and other burning particles, objects, and acids
	<p>WARNING! Explosion hazard! Do not use the product for explosion-hazardous applications, e.g.:</p> <ul style="list-style-type: none"> - aluminium laser cutting - grinding aluminium and magnesium - explosive environments or explosive substances/gases
	<p>WARNING! Do not use the product for:</p> <ul style="list-style-type: none"> - extraction of hot gases (more than 70°C/158°F continuously) - flame spraying - oil mist - heavy oil mist in welding fume - extraction of cement, saw dust, wood dust etc.

- Inspect the product and check it for damage. Verify the functioning of the safety features.
- Do not put the product in front of entrances and exits which must be used for emergency services.
- During use, always use Personal Protective Equipment (PPE) to avoid injury. This also applies for persons who enter the work area.
- Check the working environment. Do not allow unauthorised persons to enter the working environment.
- Protect the product against water and humidity.
- Make sure the room is always sufficiently ventilated; this applies especially to confined spaces.
- Make sure that the workshop, in the vicinity of the product, contains sufficient approved fire extinguishers (suitable for fire classes ABC).
- Do not leave any tools or other objects in or on the unit.
- The welding current return circuit between the workpiece and the welding machine has a low resistance. Thus avoid connection between the workpiece and the DualGo, so that there is no possibility of the welding current flowing back to the welding machine via the protective earth conductor of the DualGo.

Service, maintenance and repairs

- Obey the maintenance intervals given in this manual. Overdue maintenance can lead to high costs for repair and revisions and can render the guarantee null and void.
- Always use Personal Protective Equipment (PPE) to avoid injury. This also applies for persons who enter the work area.
- Make sure the room is sufficiently ventilated.
- Use tools, materials, lubricants and service techniques which have been approved by the manufacturer. Never use worn tools and do not leave any tools in or on the product.
- Clean the area afterwards.

	<p>ATTENTION Service, maintenance and repairs must be performed in accordance with directive TRGS 560 and TRGS 528 by authorised, qualified and trained persons (skilled) using appropriate work practices.</p>
	<p>ATTENTION Before you carry out service, maintenance and/or repair jobs:</p> <ul style="list-style-type: none"> - fully disconnect the unit from the mains

	Personal protective equipment (PPE) Wear respiratory protection and protective gloves during service, maintenance and repairs.
	WARNING The industrial vacuum cleaner that you use during service and maintenance must meet dust class H according to EN 60335-2-69 or HEPA class (efficiency $\geq 99.97\%$ at $0.3 \mu\text{m}$).

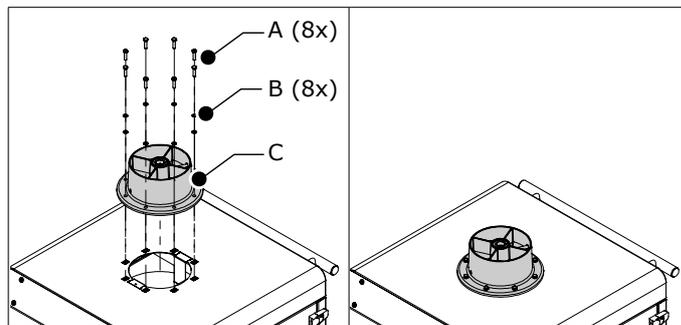


Fig. 4.1 Rotating flange

4 INSTALLATION

4.1 Tools and requirements

You need the following tools and requirements to install the unit:

- basic tools



4.1.1 To be sourced locally

- plug (except for MobileGo in 230V/1ph/50Hz)



4.2 Unpacking

Make sure that the product is complete. The package contains:

Filter unit

- mobile filter unit
- washer M6 (8)
- bolt M6x25 (8)

Extraction arm

In case of MobileGo: hose tube arm

- 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
- washer M20

In case of MobileGo^{plus}: metal tube arm

- extraction arm (pre-assembled)
- rotating flange
- arm swivel ring, incl. rubber collar
- extraction hood
- hood collar with safety mesh
- washer M20

4.3 Arm on mobile unit

To install the extraction arm, do the following.

	TIP Do a balance check of the arm before you fasten the hoses. Refer to section 6.3.
--	--

- Install the rotating flange (C) on the filter unit with the 8 bolts M6x25 (A) + washers M6 (B).

- In case of a hose tube arm: put the hose tube over the internal rods of the arm.
- Move the hose clamp (C) and the arm swivel ring (incl. rubber collar) (D) over the hinge rod (B).
- Put the washer M20 (E) on the rotating flange (F).
- Put the hinge rod (B) in the rotating flange (F).
- Put the hose (A) over the arm swivel ring (D).
- Use the rubber collar to make the connection airtight.
- Attach the hose (A) to the swivel ring (D) with the hose clamp (C).



ATTENTION!

Make sure to install the washer M20 (E) between the rotating flange and the swivel ring to avoid damage.

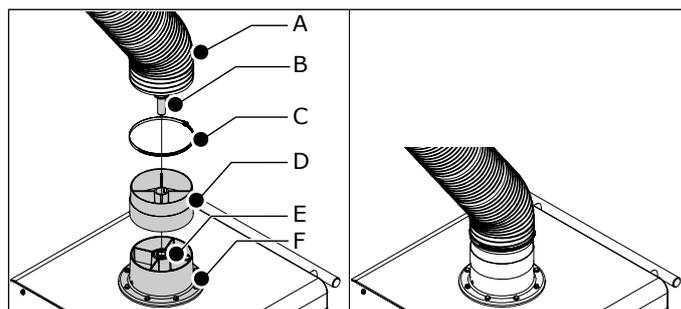


Fig. 4.2 Arm on mobile unit

4.4 Mounting of the hood

To install the extraction hood, do the following.

Hose tube arm (Economy Arm): refer to Fig. 4.3

Metal tube arm (KUA): refer to Fig. 4.4

- Loosen the mounting material that is attached to the hood hinge.
- Install the extraction hood (G) with the bolt (F), 2 washers (E), 2 spring washers (D) and a locknut (C).
- Install the hood collar (H) to the hood (G). Fasten it with the clip.
- Install the hose tube (A) to the hood.
- Fasten the hose tube with a hose clamp (B).

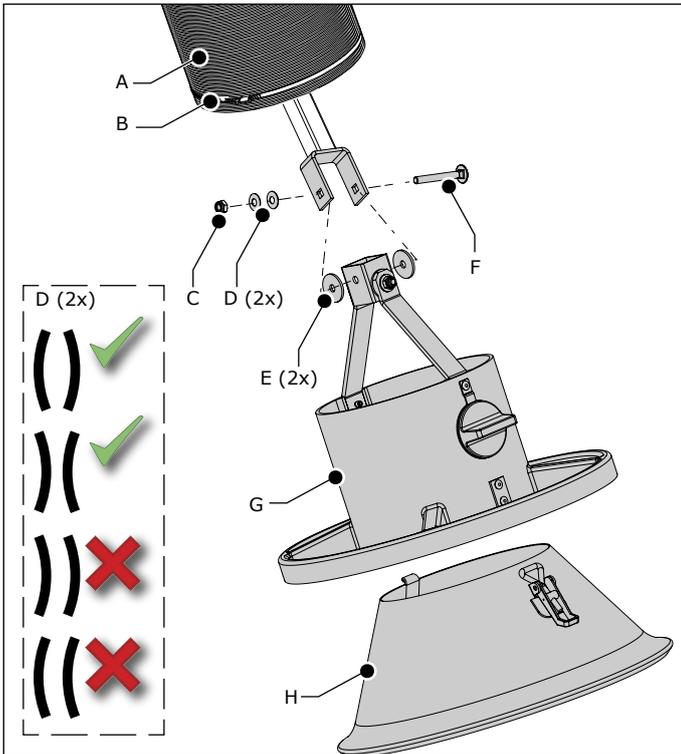


Fig. 4.3 Hood mounting (hose tube arm)

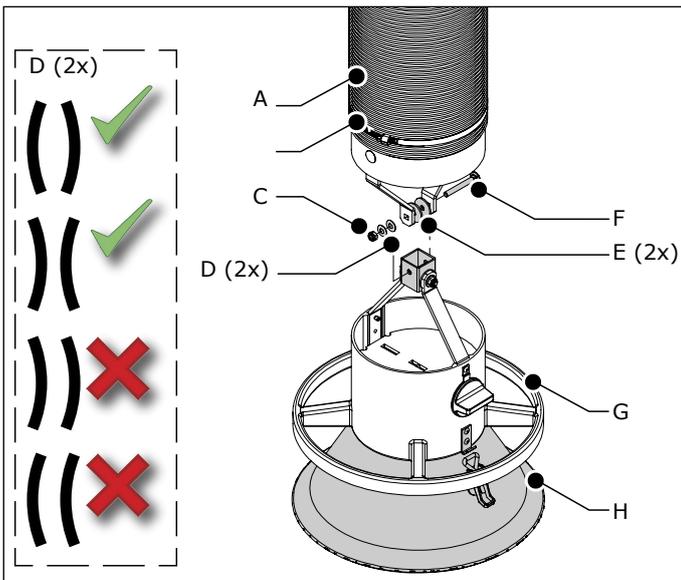


Fig. 4.4 Hood mounting (metal tube arm)

5 USE



WARNING!

Fire hazard! Do **not** use the product for polishing applications in combination with grinding, welding or any other application that generate sparks.

Refer to chapter 3 / Safety instructions / Use.

5.1 Control panel

The unit contains the following controls and indicators:

Fig. 5.1

A Tumbler switch 0-1 with green LED

B Buzzer (service indicator)

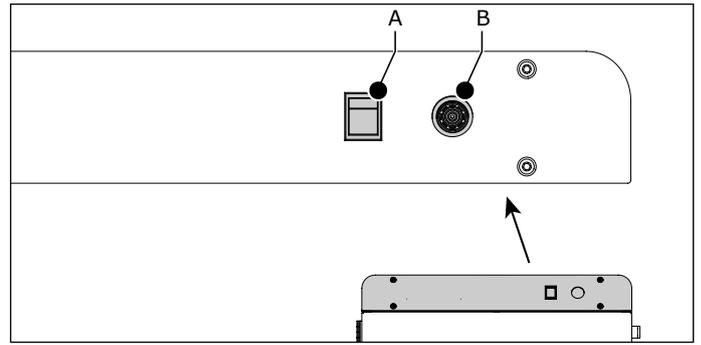


Fig. 5.1 Controls and indicators

5.2 Use

Since it concerns a mobile unit, you can use it at any desirable place. For optimal results you must place the unit as close as possible to the source of pollution.

- Position the hood of the connected extraction arm at max. 480 mm (19 in.) from the source of pollution. Refer to Fig. III on page 11 for the correct position.
- Make sure that the shut-off damper (ref. Fig. 2.1A) is open.
- Put the unit on (ref. Fig. 5.1A).
- Start welding.
- When the welding position changes, move the hood to the correct position in relation to the weld.



WARNING

To keep the welding fume away from the breathing zone of the welder, make sure that all fume is extracted through the hood.

- Put the unit off approx. 20 seconds after you have finished welding.

When the airflow is too low during use, the buzzer (ref. Fig. 5.1B) emits an acoustic alarm. Refer to chapter 7 to find the possible cause and the solution.



ATTENTION

If you do not replace the pre filter and/or the HEPA filter cassette in time, the airflow (extraction capacity) further drops.

6 MAINTENANCE

6.1 Periodic maintenance



The product has been designed to function without problems for a long time with a minimum of maintenance. In order to guarantee this some simple, regular maintenance and cleaning activities are required which are described in this chapter. If you observe the necessary caution and carry out the maintenance at regular intervals, any problems occurring will be detected and corrected before they lead to a total breakdown.



WARNING

Overdue maintenance can cause fire.

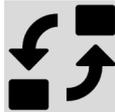
The indicated maintenance intervals can vary depending on the specific working and ambient conditions. Therefore we recommend to thoroughly inspect the complete product once every year beside the indicated periodic maintenance. For this purpose contact your supplier.

Component	Action	Frequency: every X months	
		X=6	X=12
Filter unit			
Housing	Clean the outside with a non-aggressive detergent		X
	Clean the inside with an industrial vacuum cleaner and remove dust from the filter compartment		X
	Check sealing material of the door. Replace if necessary		X
Extraction fan	Check for encrusted particles. Clean if necessary		X
Mains cord	Check for damage. Repair or replace if necessary	X *)	
Extraction arm			
Tubes	Clean the outside with a non-aggressive detergent	X	
	Clean the inside thoroughly	X	
Flexible hoses	Check for cracks or damages. Replace if necessary	X	
Hood	Check the movement of the hood. If necessary, adjust the friction; refer to paragraph 6.3	X	
Arm movement	Check horizontal, vertical and diagonal arm movement. If necessary, adjust the friction; refer to paragraph 6.3	X	

*) Before every use

6.2 Filter replacement

The buzzer emits an acoustic signal when the airflow is too low.



Make sure that:

- the shut-off damper is open
- the extraction arm is not fully folded

When the buzzer still continues, you must replace the filter cassette(s).

As the pre filter is smaller and becomes more quickly saturated than the HEPA filter, you can replace the pre filter cassette several times before you finally need to replace the HEPA filter cassette.

		Personal protective equipment (PPE) Wear respiratory protection and protective gloves when you replace the filter cassettes.
	WARNING Do not replace the filter cassettes while the fan is running.	
	WARNING Do not shake out or (vacuum) clean the used filter cassettes to avoid the release of particles.	

6.2.1 Pre filter cassette

To replace the pre filter cassette, do the following.

Fig. 6.1

- De-energize the unit.
- Open the back door (B).
- Remove the pre filter cassette (A).
- Dispose of the used filter cassette in accordance with state or local regulations.

- Put a new pre filter cassette in the unit. Make sure that the arrow on the frame points downwards⁴.
- Close and lock the door.

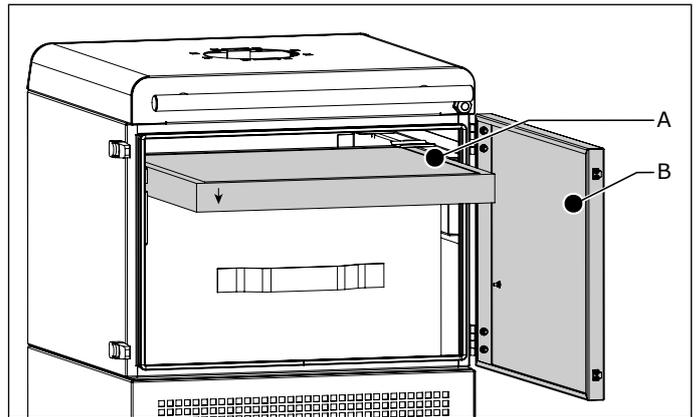


Fig. 6.1 Replacement of the pre filter cassette

When the buzzer continues to beep after you have replaced the pre filter cassette, it is time to replace the HEPA filter cassette.

6.2.2 HEPA filter cassette

To replace the HEPA filter cassette, do the following.

Fig. 6.2

- De-energize the unit.
- Open the back door (C).
- Remove the pre filter cassette.
- Slightly lift and remove the HEPA filter cassette (D).
- Dispose of the used HEPA filter cassette in accordance with state or local regulations.
- Put a new HEPA filter cassette in the unit. The side pins (A) exactly fit in the slits (B).
- Put the pre filter cassette back in the unit. Make sure that the arrow on the frame points downwards⁵.
- Close and lock the door.

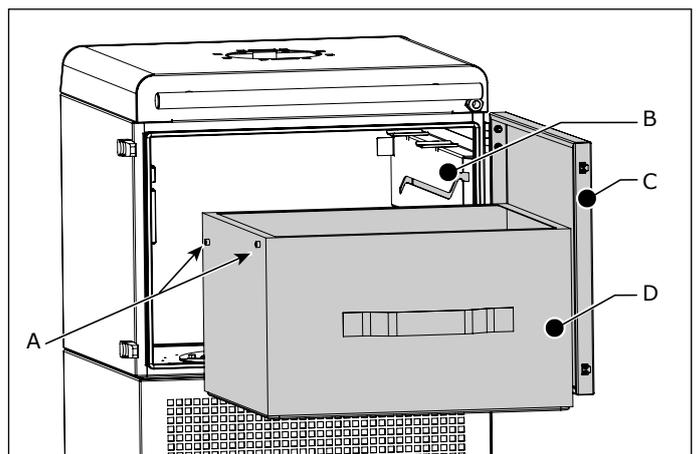


Fig. 6.2 Replacement of the HEPA filter cassette

4. The arrow indicates the airflow direction

5. The arrow indicates the airflow direction. An incorrectly placed pre filter cassette affects the filter lifetime.

6.3 Arm adjustment

If the extraction arm, or a part of it, does not stay in the desired position, you must adjust the friction.

6.3.1 Hose tube arm (Economy Arm)

- Determine which joint needs more or less friction.
- Loosen the hose tube to get access to the hinges.
- Pull the arm in a horizontal position.
- Adjust the friction; refer to Fig. V on page 12 for the adjustment points.

6.3.2 Metal tube arm (KUA)

- Determine which joint needs more or less friction.
- Loosen the hose at that position to get access to the hinge.
- Pull the arm in a horizontal position.
- Adjust the friction; refer to Fig. V on page 12 for the adjustment points.

7 TROUBLESHOOTING

If the unit does not function (correctly), consult the checklist below to see if you can remedy the error yourself. Should this not be possible, contact your supplier.



WARNING

Obey the safety regulations that are written in chapter 3 when you carry out the activities below.

Symptom	Problem	Possible cause	Solution
The fan does not start	The unit does not function	No mains voltage	Connect the mains voltage
		Thermal overload protection is activated	- Examine the fan and motor to find the cause and remedy the problem - Push the red button behind the front panel to reset. Refer to Fig. IV on page 11
		The mains cord is defective	Repair or replace the mains cord
		Loose contacts	Repair the contacts
The green LED is on but the fan does not run	The unit does not function	Motor defective	Repair or replace the motor
		Relay is defective	Replace the relay
		Thermal relay is defective	Replace the thermal relay
		Motor defective	Repair or replace the motor

Symptom	Problem	Possible cause	Solution
Poor extraction capacity	The unit does not function properly	The shut-off damper in the hood of the extraction arm is (partly) closed	(Fully) open the shut-off damper
		Clogged filters & loose connection of pressure sensor	Repair the connection of the pressure tubes
		Clogged filters & defective pressure sensor	Replace the pressure sensor & the pre filter cassette Replace the HEPA filter cassette as well
The buzzer emits an acoustic signal	Poor extraction capacity	The pre filter is clogged	Replace the pre filter cassette
		The HEPA filter is clogged	Replace the HEPA filter cassette
The extraction arm does not stay in the desired position	Escape of fume; no proper extraction	Friction setting is not correct	Adjust the friction; refer to Fig. V on page 12 for the adjustment points
You cannot get the arm in the desired position			

8 SPARE PARTS

8.1 Filter unit

The following spare parts are available for the filter unit;

- refer to exploded view [Fig. VI on page 13](#) and the spare parts list on page [14](#)

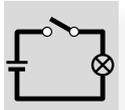
8.2 Extraction arm

The following spare parts are available for the extraction arms;

- hose tube arm (Economy Arm): refer to exploded view [Fig. VII on page 15](#) and the spare parts list on page [16](#)
- metal tube arm (KUA): refer to exploded view [Fig. VIII on page 17](#) and the spare parts list on page [18](#)

9 ELECTRICAL DIAGRAM

Refer to the separately supplied electrical diagram.



10 DISPOSAL

Dismantling and disposal of the unit must be done by qualified persons.



Personal protective equipment (PPE)

Wear respiratory protection and protective gloves when you dismantle and dispose of the unit.

10.1 Dismantling

To safely dismantle the unit, obey the safety instructions that follow.

Before dismantling of the unit:

- disconnect it from the mains
- clean the outside

During dismantling of the unit:

- make sure that the area is sufficiently ventilated, e.g. by a mobile ventilation unit

After dismantling of the unit:

- clean the dismantling area

10.2 Disposal

Dispose of the pollutants and dust, together with the used filters, in a professional manner in accordance with federal, state or local regulations.

CE DECLARATION

CE declaration of conformity for machinery



We, Plymovent Manufacturing B.V., Koraalstraat 9, 1812 RK Alkmaar, Netherlands, herewith declare, on our own responsibility, that the products:

- MobileGo
- MobileGo^{plus}

which this declaration refers to, are in accordance with the conditions of the following Directives:

- Machine Directive 2006/42 EC
- EMC 2014/30 EU
- LVD 2014/35 EU
- ErP Directive 2009/125 EC
- W3 compliant (EN-ISO 21904-2:2020)

Signature:

Name: M.S.J. Ligthart
Position: Product Manager
Date of issue: 15th September 2021

Fig. I Dimensions

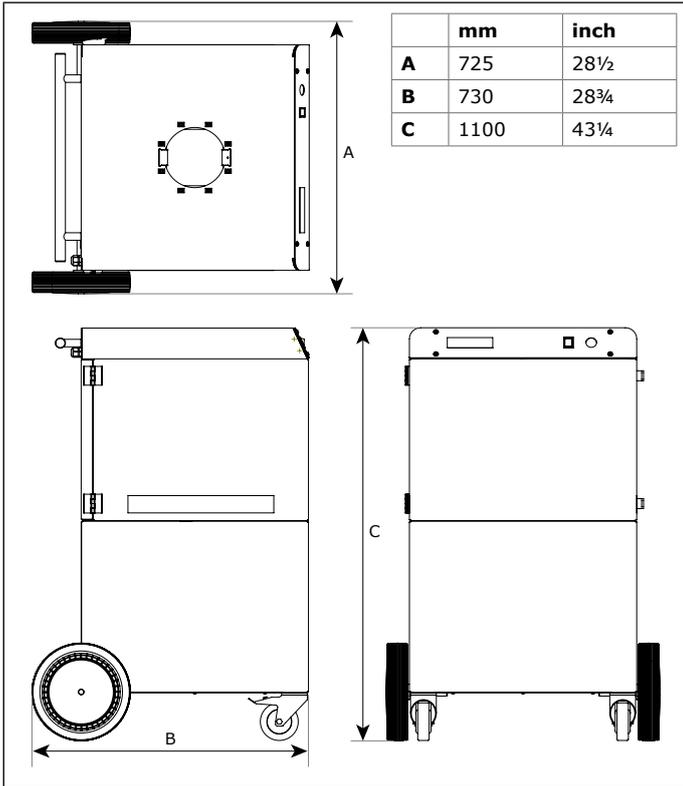


Fig. II Working range

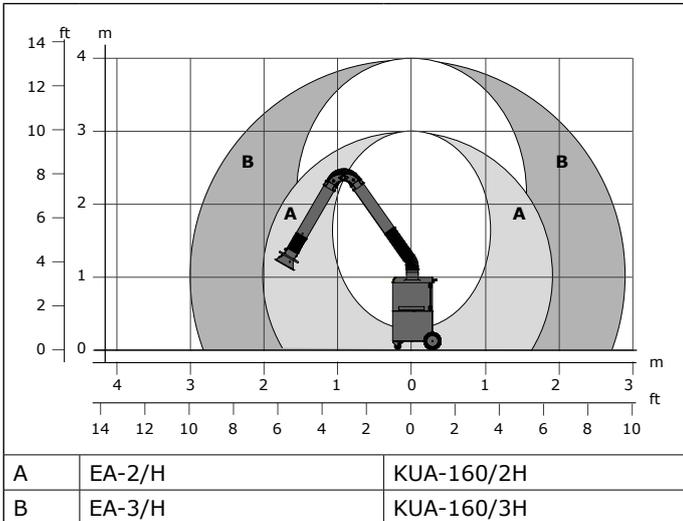


Fig. III Positioning of the extraction arm

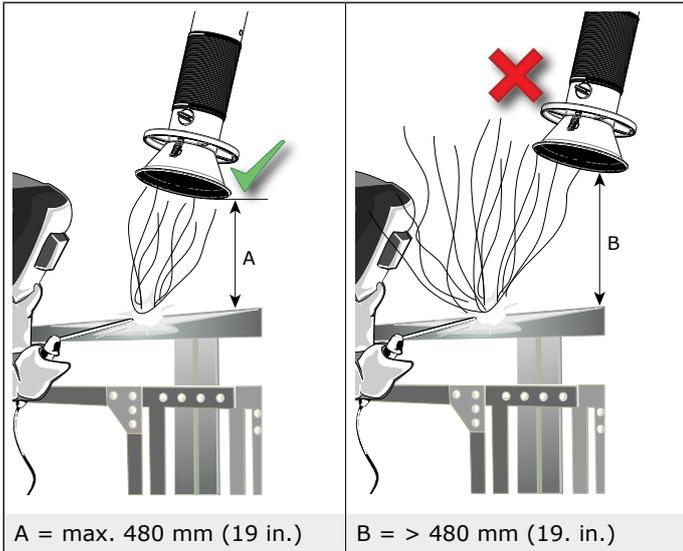


Fig. IV Reset

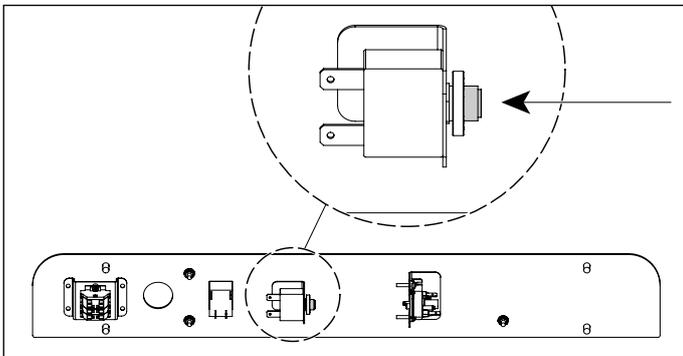


Fig. V Adjustment of the extraction arm | Adjustment points

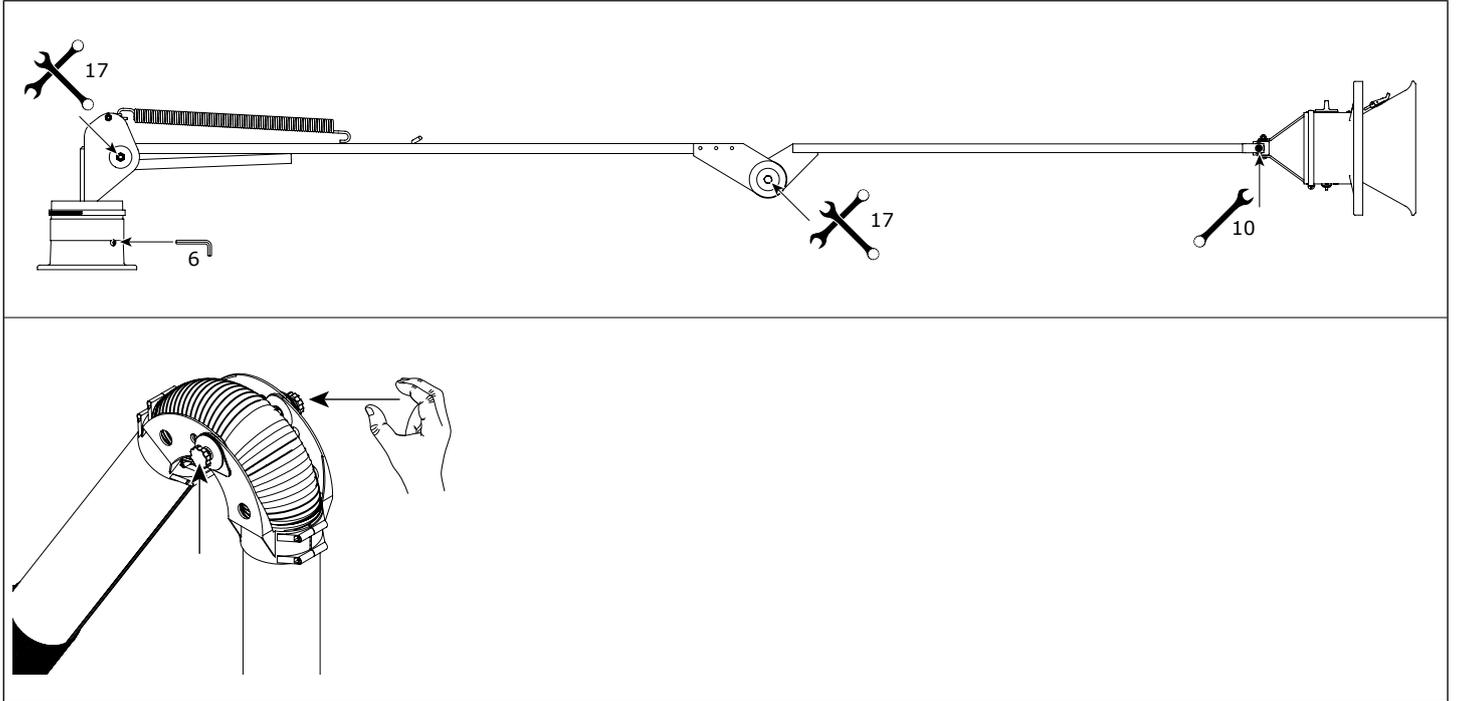
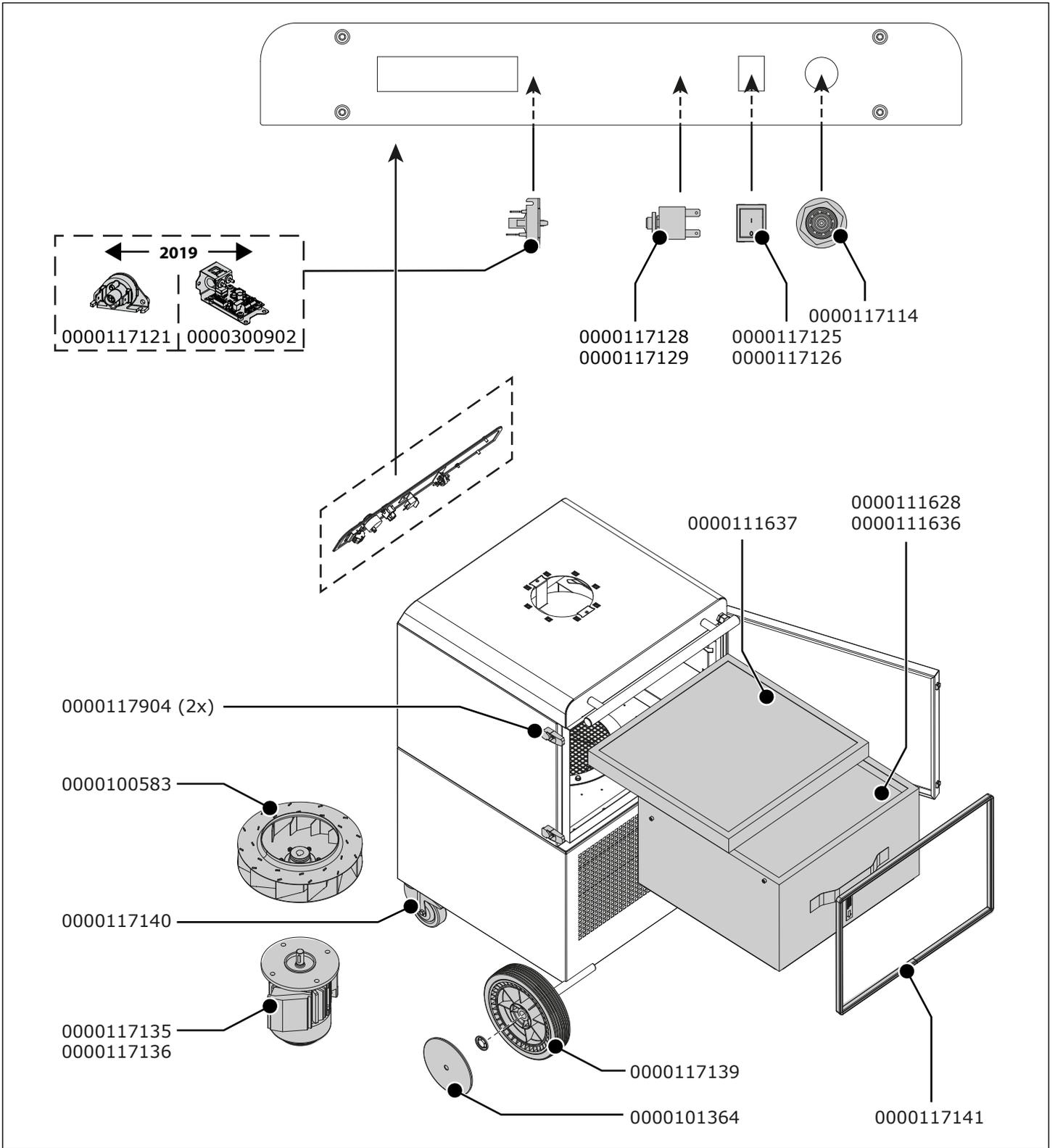


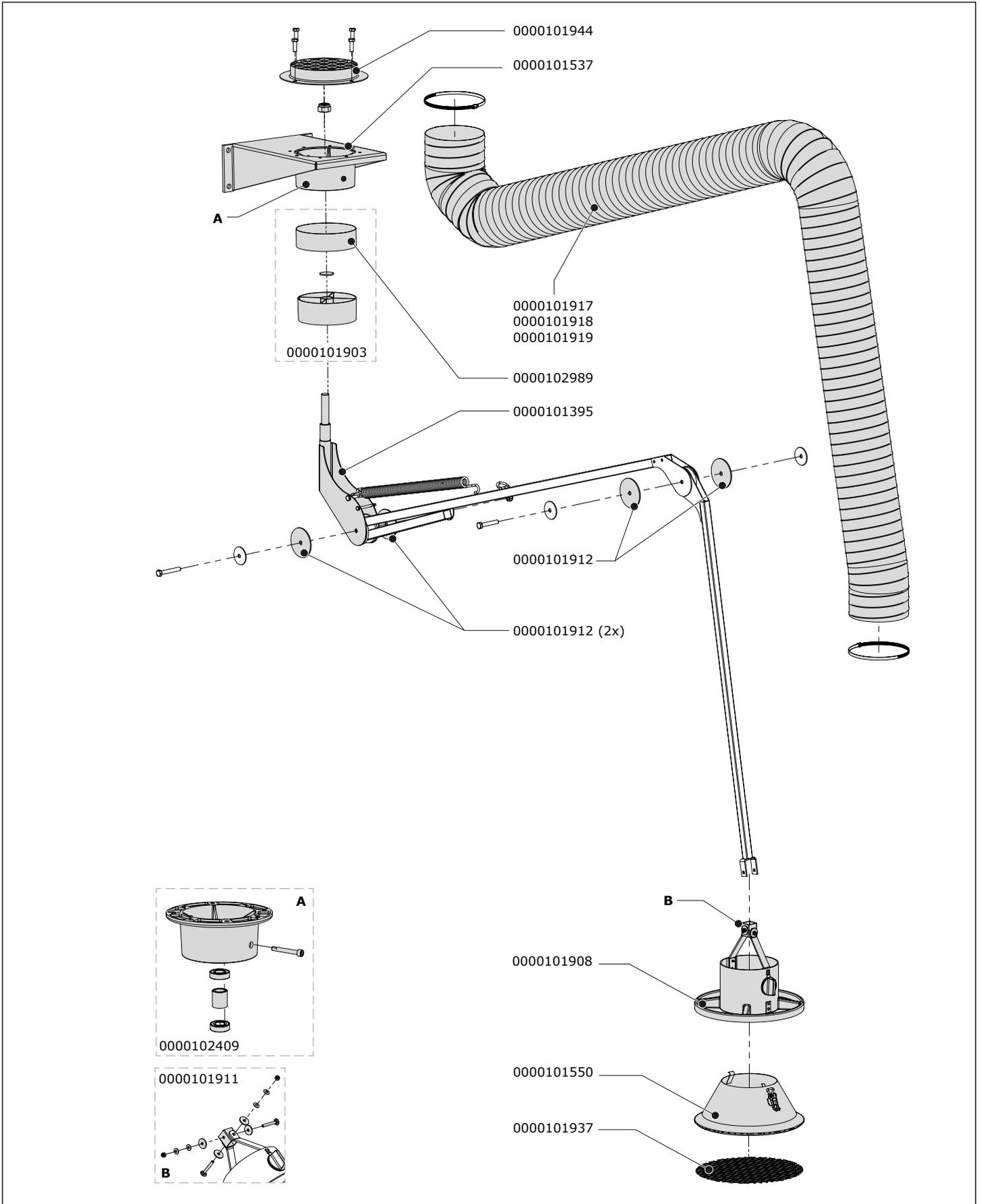
Fig. VI Exploded view MobileGo | MobileGo^{plus}



Spare parts MobileGo | MobileGo^{plus}

Article no.	Description
General	
0000101364	Wheel covers grey (set of 2)
0000111637	Pre filter cassette 1 m ²
0000117139	Wheel Ø 250 mm
0000117140	Swivel castor Ø 100 mm with brake
0000117141	Sealing L=1,9 m for door GoLine
0000117904	Draw latch GoLine (set of 2)
0000300902	Digital pressure switch 100-240 VAC
MobileGo (115V/1ph/50Hz)	
0000100583	Fan wheel FUA-3000 (IEC)
0000111628	HEPA filter cassette 15 m ²
0000117114	Buzzer 230V
0000117121	Pressure switch (CE)
0000117125	Tumbler switch 0-I (115V)
0000117128	Circuit breaker ST-1 15A
0000117135	Motor 1,1 kW (IEC) 115
MobileGo (230V/1ph/50Hz)	
0000100583	Fan wheel FUA-3000 (IEC)
0000111628	HEPA filter cassette 15 m ²
0000117114	Buzzer 230V
0000117121	Pressure switch (CE)
0000117126	Tumbler switch 0-I (230V)
0000117129	Circuit breaker ST-1 10A
0000117136	Motor 1,1 kW; 230V/1ph/50Hz (IEC)
MobileGo^{plus} (115V/1ph/50Hz)	
0000100583	Fan wheel FUA-3000 (IEC)
0000111636	HEPA filter cassette 26 m ²
0000117114	Buzzer 230V
0000117121	Pressure switch (CE)
0000117125	Tumbler switch 0-I (115V)
0000117128	Circuit breaker ST-1 15A
0000117135	Motor 1,1 kW (IEC) 115
MobileGo^{plus} (230V/1ph/50Hz)	
0000100583	Fan wheel FUA-3000 (IEC)
0000111636	HEPA filter cassette 26 m ²
0000117114	Buzzer 230V
0000117121	Pressure switch (CE)
0000117126	Tumbler switch 0-I (230V)
0000117129	Circuit breaker ST-1 10A
0000117136	Motor 1,1 kW; 230V/1ph/50Hz (IEC)
MobileGo^{plus} (115V/1ph/60Hz)	
0000101343	Fan wheel 1,1kW/60Hz
0000111636	HEPA filter cassette 26 m ²
0000117120	Service indicator (red LED)
0000117122	Pressure switch (UL)
0000117127	Tumbler switch 0-1 (WB2 UL)
0000117130	Circuit breaker (UL)
0000117137	Motor 1,1 kW; 115-230V/1ph/60Hz (IEC)

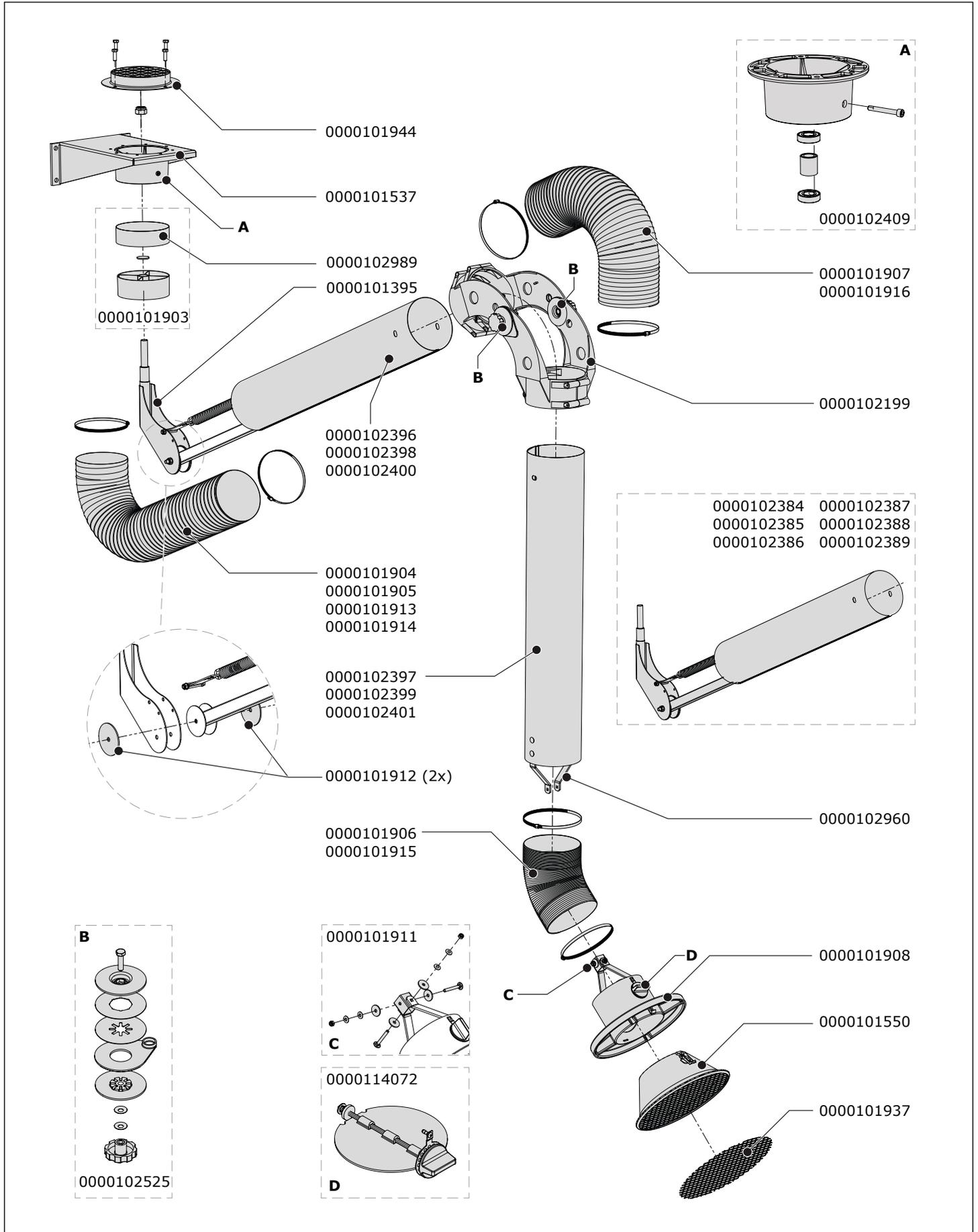
Fig. VII Exploded view hose tube arm (Economy Arm)



Spare parts Economy Arm

Article no.	Description
General	
0000101395	Swivel bracket
0000101537	Wall bracket, complete
0000101550	Hood with safety mesh
0000101903	Arm swivel ring, incl. rubber collar and washer
0000101908	Hood collar, incl. handle, damper and hood hinge
0000101911	Hood hinge, incl. mounting material
0000101912	Friction plate 83x10x3 mm (set of 2)
0000101937	Safety mesh Ø 300 mm
0000101944	Connection flange with grid
0000102409	Rotating flange (ball bearing)
0000102989	Rubber collar Ø 160 mm
Economy Arm 2/H	
0000101917	Hose L=2500 mm/Ø 163 mm, incl. 2 hose clamps
Economy Arm 3/H	
0000101919	Hose L=3500 mm/Ø 163 mm, incl. 2 hose clamps

Fig. VIII Exploded view metal tube arm (KUA-160)



Spare parts KUA-160

Article no.	Description
General	
0000101395	Swivel bracket
0000101550	Hood with safety mesh
0000101903	Arm swivel ring, incl. rubber collar and washer
0000101906	Hose L=400 mm/Ø 163 mm, incl. 2 hose clamps
0000101907	Hose L=650 mm/Ø 163 mm, incl. 2 hose clamps
0000101908	Hood collar, incl. handle, damper and hood hinge
0000101911	Hood hinge, incl. mounting material
0000101912	Friction plate 83x10x3 mm (set of 2)
0000101937	Safety mesh Ø 300 mm
0000101944	Connection flange with grid
0000102199	Elbow joint
0000102409	Rotating flange (ball bearing)
0000102525	Mounting kit for middle hinge
0000102960	Brackets outer tube KUA (2 pcs)
0000102989	Rubber collar Ø 160 mm
0000114072	Plastic balancing damper Ø 160 mm
KUA-160/2S	
0000101904	Hose L=850 mm/Ø 163 mm, incl. 2 hose clamps
0000102387	Inner frame KUA-160/2S, complete
0000102396	Inner tube KUA-160/2
0000102397	Outer tube KUA-160/2
KUA-160/3S	
0000101905	Hose L=1000 mm/Ø 163 mm, incl. 2 hose clamps
0000102388	Inner frame KUA-160/3S, complete
0000102398	Inner tube KUA-160/3
0000102399	Outer tube KUA-160/3

