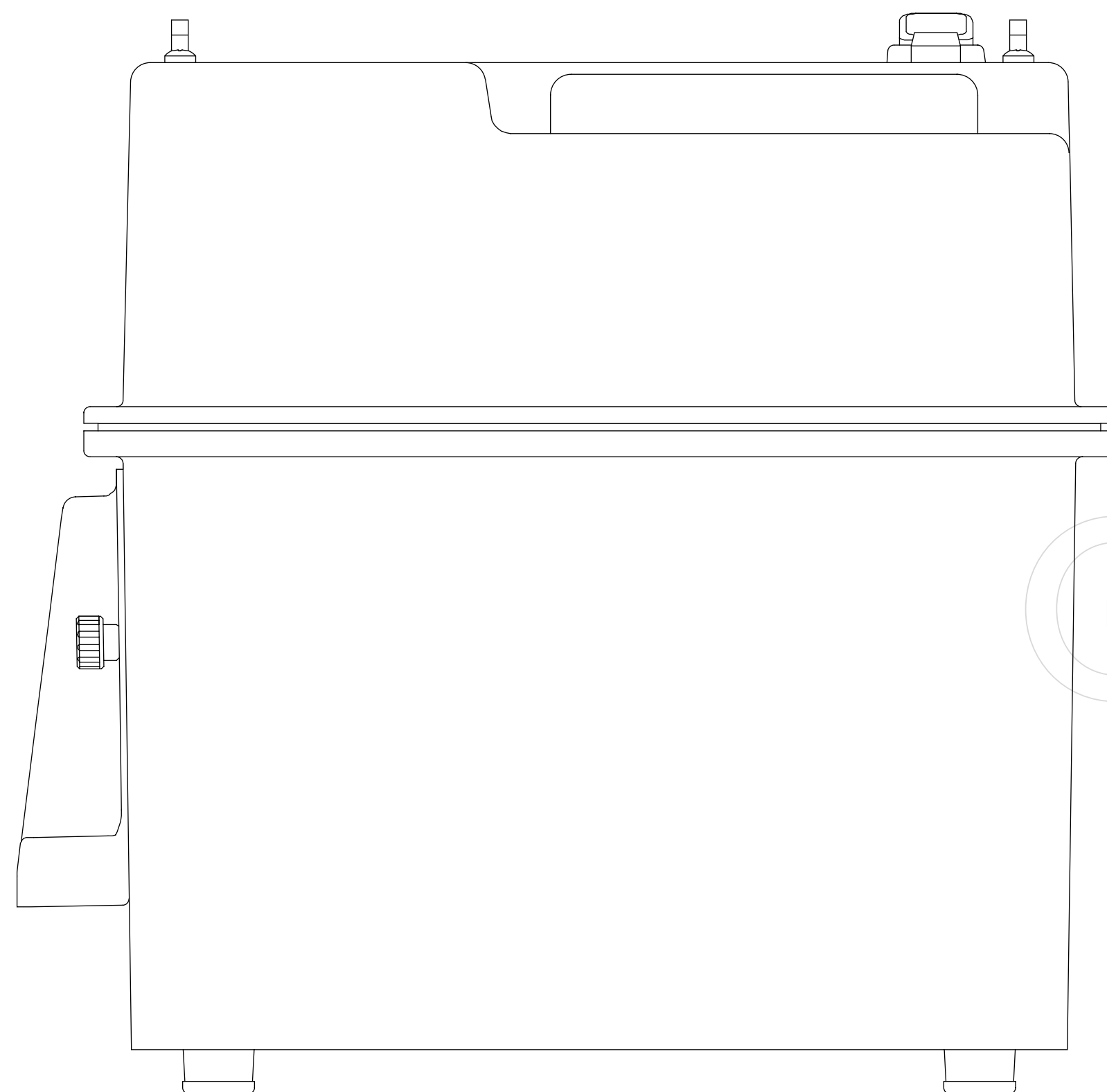




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Read these instructions before using the inflator.

Failure to follow all instructions listed below may result in damage to the product and/or cause serious injury to persons. All items in the sales box are intended solely for the uses indicated within this manual.

-
- 01.** Comply with the safety regulations in force in the country where the product is used, in addition to common sense and the provisions contained in this manual.
 - 02.** To guarantee correct functioning we recommend checking the right environmental conditions, avoiding using the product in places where jets of water are used or in external environments subjected to atmospheric agents.
 - 03.** After removing the product from the packaging, make sure that it is intact and has not been damaged.
 - 04.** The packaging components must be delivered to the appropriate disposal centers and under no circumstances left unattended or within the reach of children, animals or unauthorized persons.
 - 05.** Place the product in a safe place, on a solid base, away from heat sources and out of reach of children.
 - 07.** To avoid damage, only use accessories or spare parts approved by the manufacturer.
 - 08.** Any assistance or repair work, except for cleaning and normal maintenance operations, must be carried out by an Assistance Centre.

09. If unauthorized repairs are carried out on the product or non-original spare parts are used, the warranty conditions will become invalid and therefore the manufacturer reserves the right to no longer recognize its validity.

10. The use of this product in a state of alteration due to the use of alcohol or narcotic substances is prohibited.

11. Keep the appliance and its cord out of the reach of children.

12. The use of this appliance requires the supervision of a responsible adult for people with reduced physical, sensory or mental capabilities, or a lack of experience and knowledge. Make sure they are trained in safe use and aware of the risks.

ONLY FOR ELECTRIC INFLATORS:

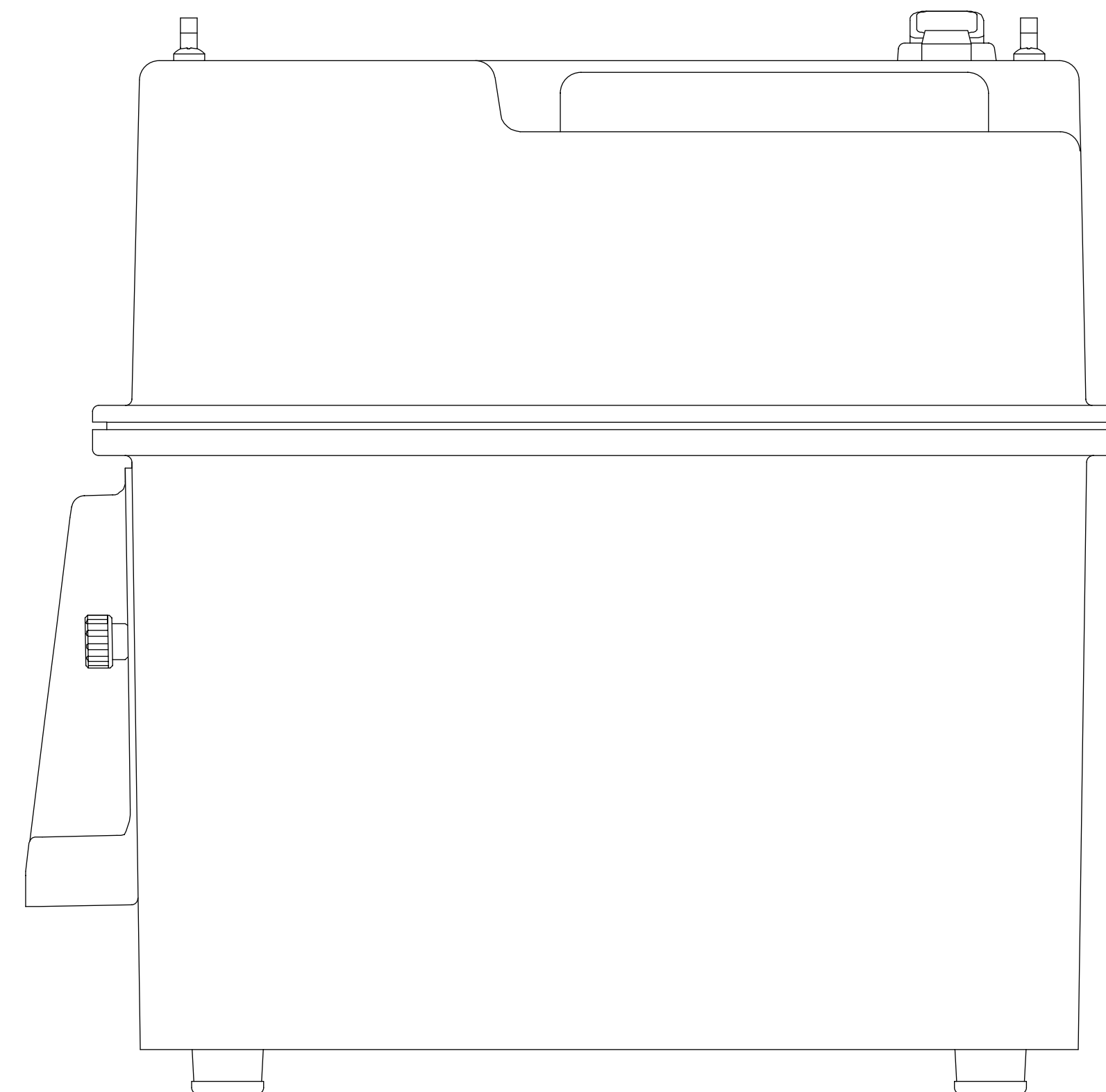
- 01.** Do not use the product if it does not work properly or if the power cord or plug has been damaged; if the power supply cable is damaged, contact the authorized service centre.
- 02.** Before connecting and disconnecting the product, make sure the power switch is in the off position.
- 03.** Unplug the plug from the socket when the product is not in use and before cleaning it without pulling the power cord.

IMPROPER USE

In case of improper use, any form of guarantee becomes void and the manufacturer declines all responsibility for damage to people and/or things.

It is considered improper use:

- 01.** Any use other than that declared.
- 02.** Any intervention on the machine that is in conflict with the indications given in this manual.
- 03.** Any use after tampering with components or safety devices.
- 04.** Use of the product outdoors unless expressly indicated in the product manual. (pay attention to the IP protection degree, defined by the international standard IEC 60529, in relation to the European standard EN 60529).
- 05.** Obstruction of the air vents. Always provide adequate ventilation.
- 06.** The placement of objects nearby during product operation.
- 07.** Use on uneven and/or sloping surfaces: this is to avoid accidental falls as the inflator in motion produces vibration.
- 08.** Contact with dust or water.
- 09.** Inhaling the air coming from the pump.
- 10.** The exposure of parts of the body to the air flow coming from the tube during the inflation and deflation phases.



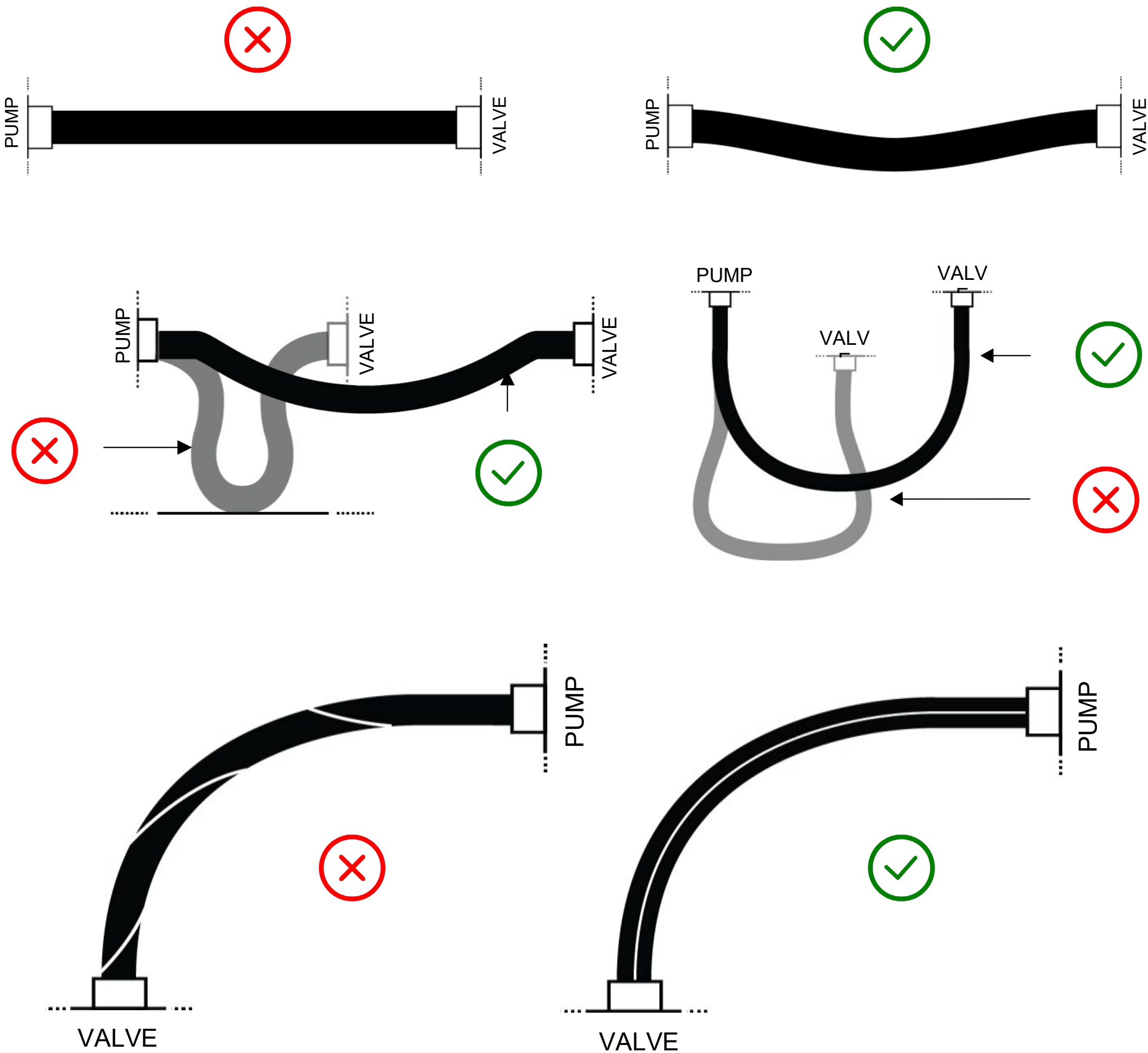
HOSE INSTALLATION

When installing a pipe, it is important to follow certain rules.
This is to obtain the best performance and to avoid damage that could compromise the life of the hose.

N.B. The minimum bending radius is 40 mm / 1.57 inch.
The length of the hose must be long enough to accommodate the motion and must not go below the minimum bending radius.

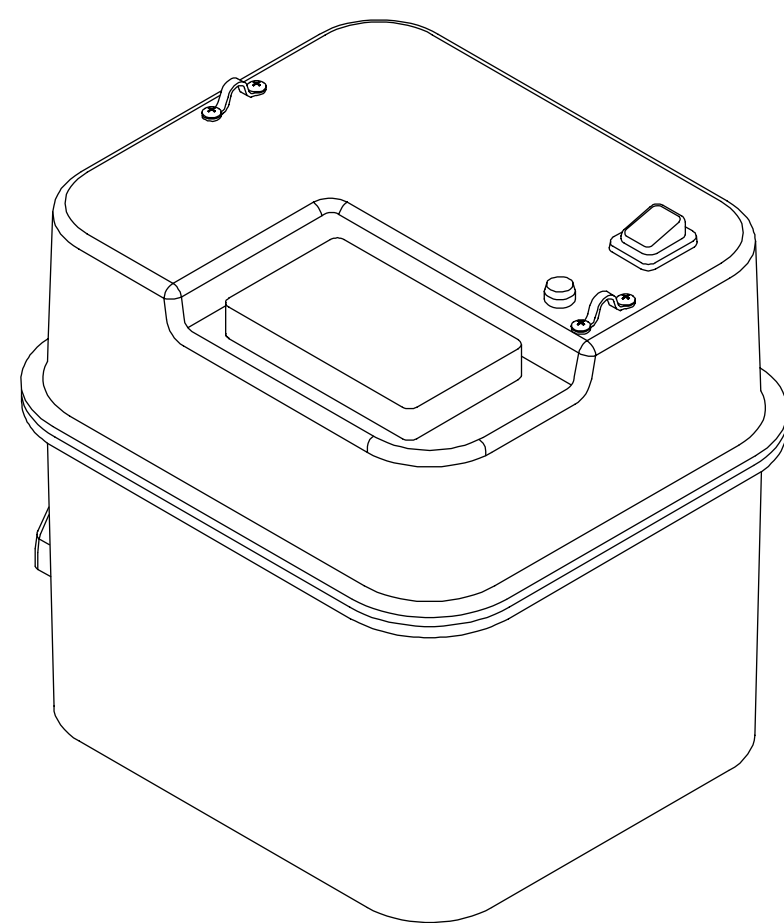
N.B. The hose allows relative movement between two connected sources. Avoid tensioned assemblies.

N.B. Avoid abrasion, tension and torsion during installation and use.
To avoid twisting during installation and use, check that the spiral always follows a linear course.



GE 1800 ROMA

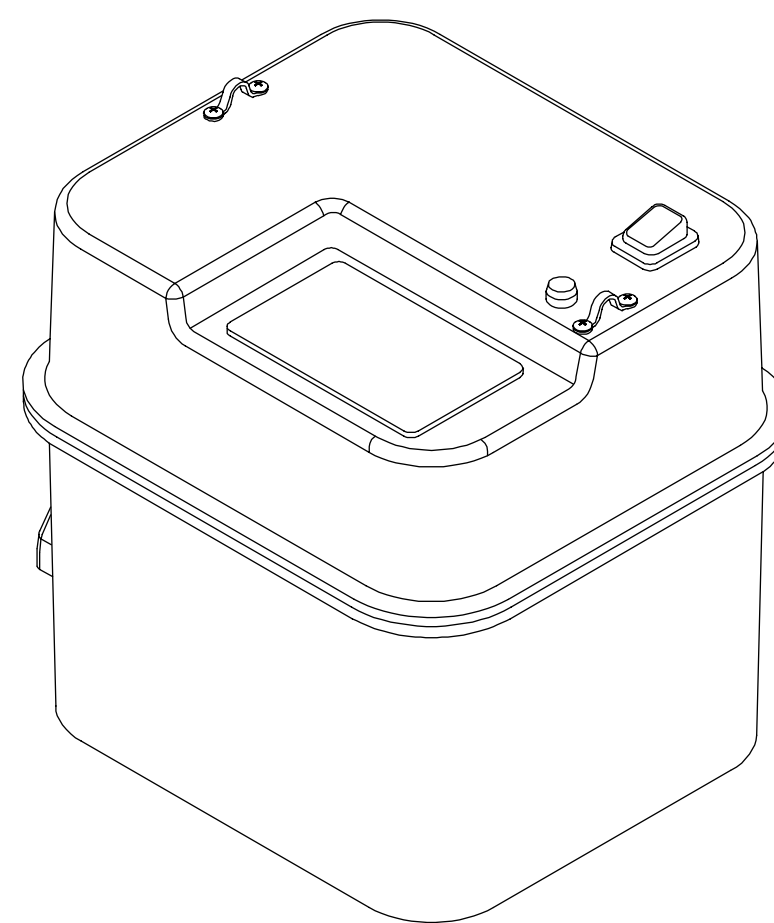
K6131900 (230V)



PAG 46 - 57

GE 1800 EL

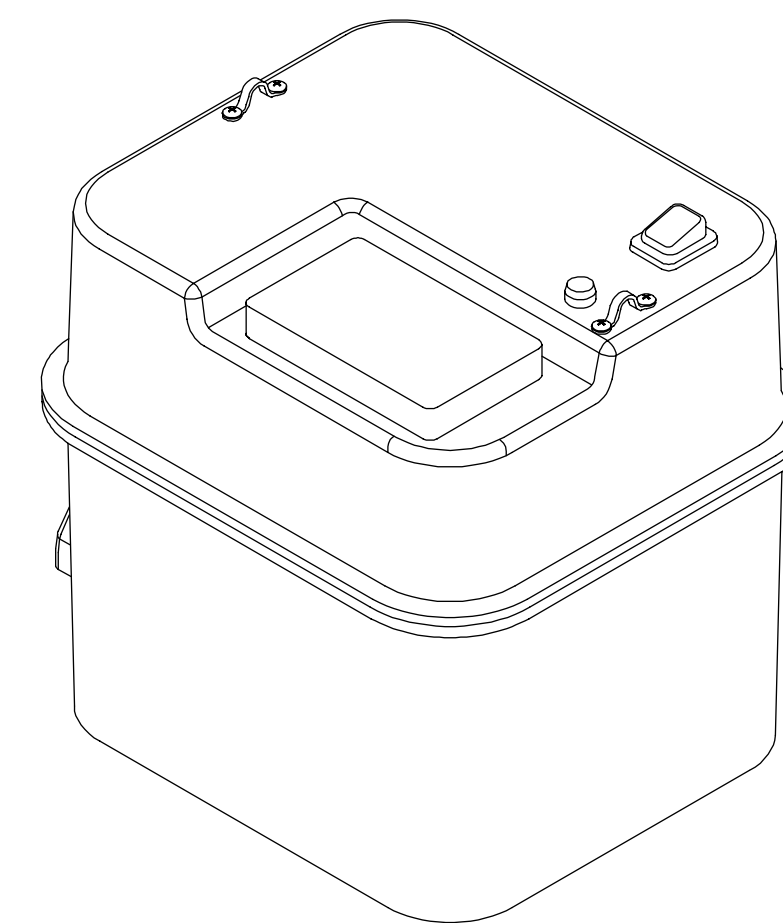
GE7S0002 (120V) - GE7S0000 (230V)



PAG 58 - 65

GE 1800 EVO

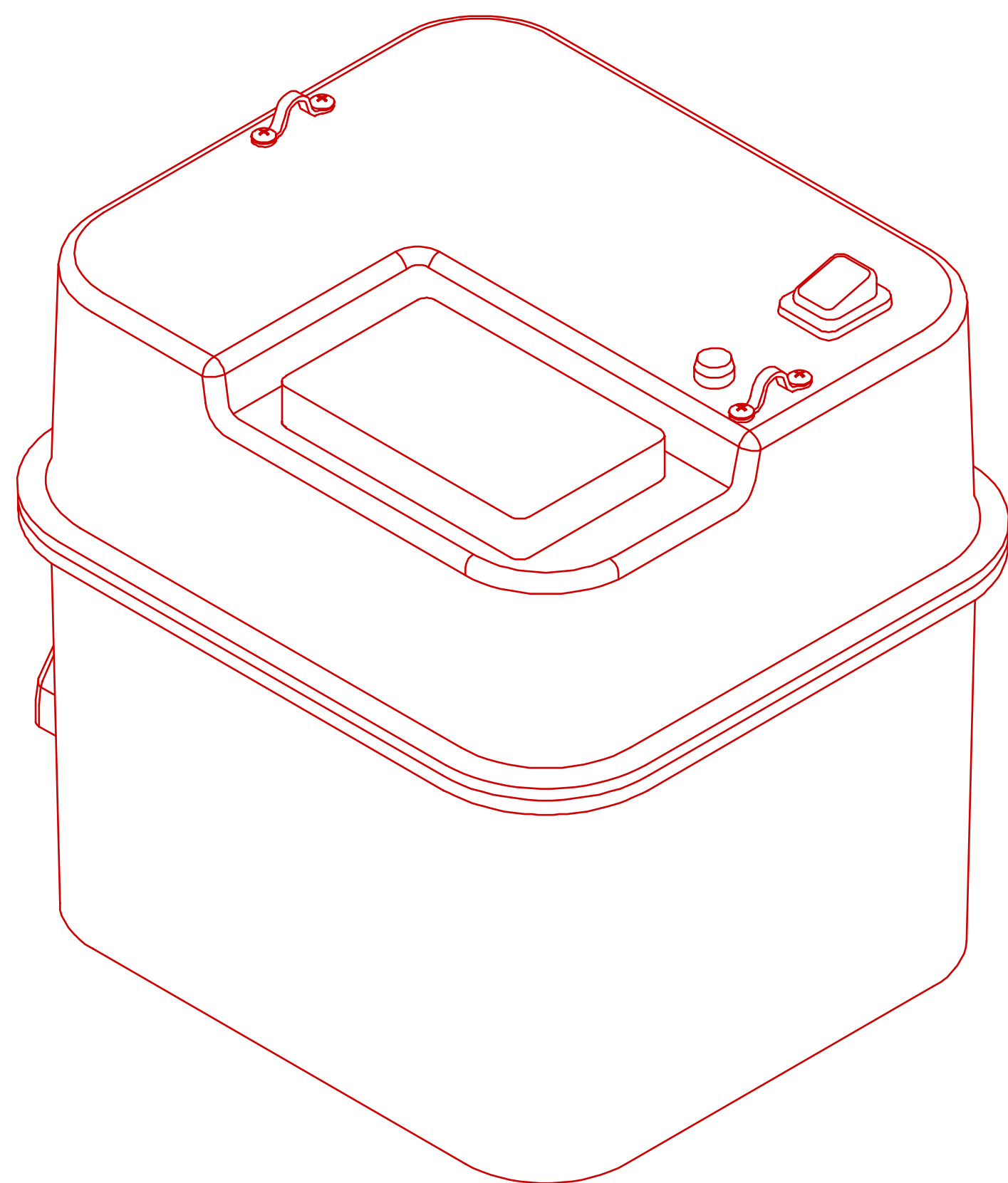
GE7S0012 / GE7S0015 (120V) GE7S0006 (230V)



PAG 66- 79

GE 1800 ROMA

K6131900 (230V)



- 01.** INTRODUCTION
- 02.** TECHNICAL DATA
- 03.** FUNCTIONAL DESCRIPTION
- 04.** INSTALLATION
- 05.** USE AND FUNCTIONS
- 06.** PROBLEM SOLVING

GE 1800 ROMA

The GE 1800 ROMA is an **all-weather inflator (degree of protection: IP66)** suitable for large inflatable structures.

Thanks to the **Automatic Refilling System (A.R.S.)**, the inflator is **able to maintain the nominal pressure inside the inflatable** within preset values, **regardless of the ambient temperature.**

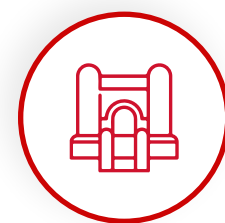
The **pump constantly monitors the pressure variation inside the inflatable** and **regulates operation to ensure pressure filling and pressure release via a pneumatic sensor.**



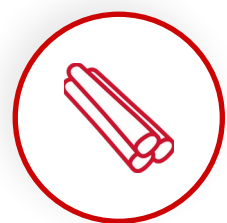
SMALL TENTS



LARGE STRUCTURE

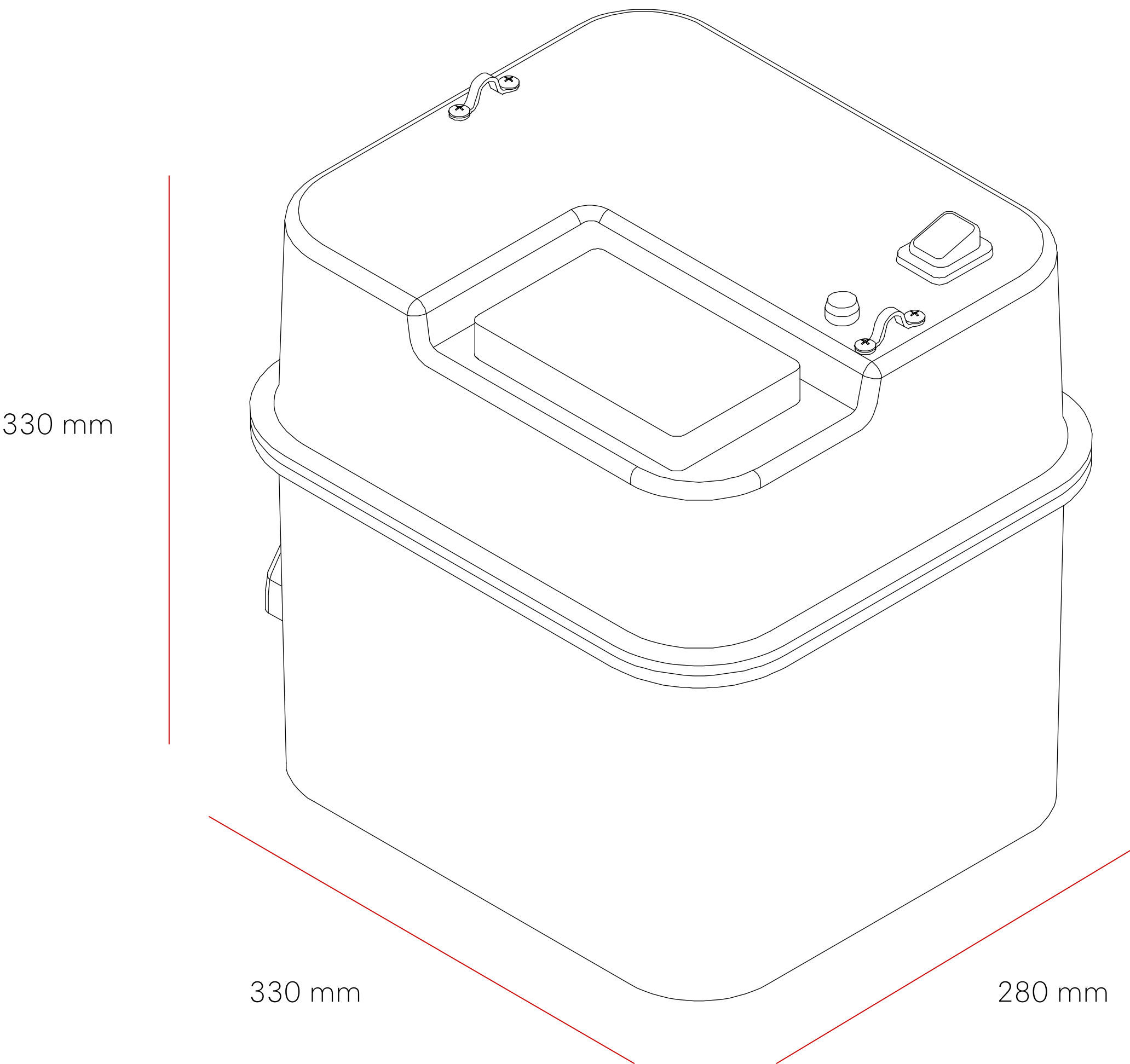


TOYS



BARRIERS





Shoulder strap

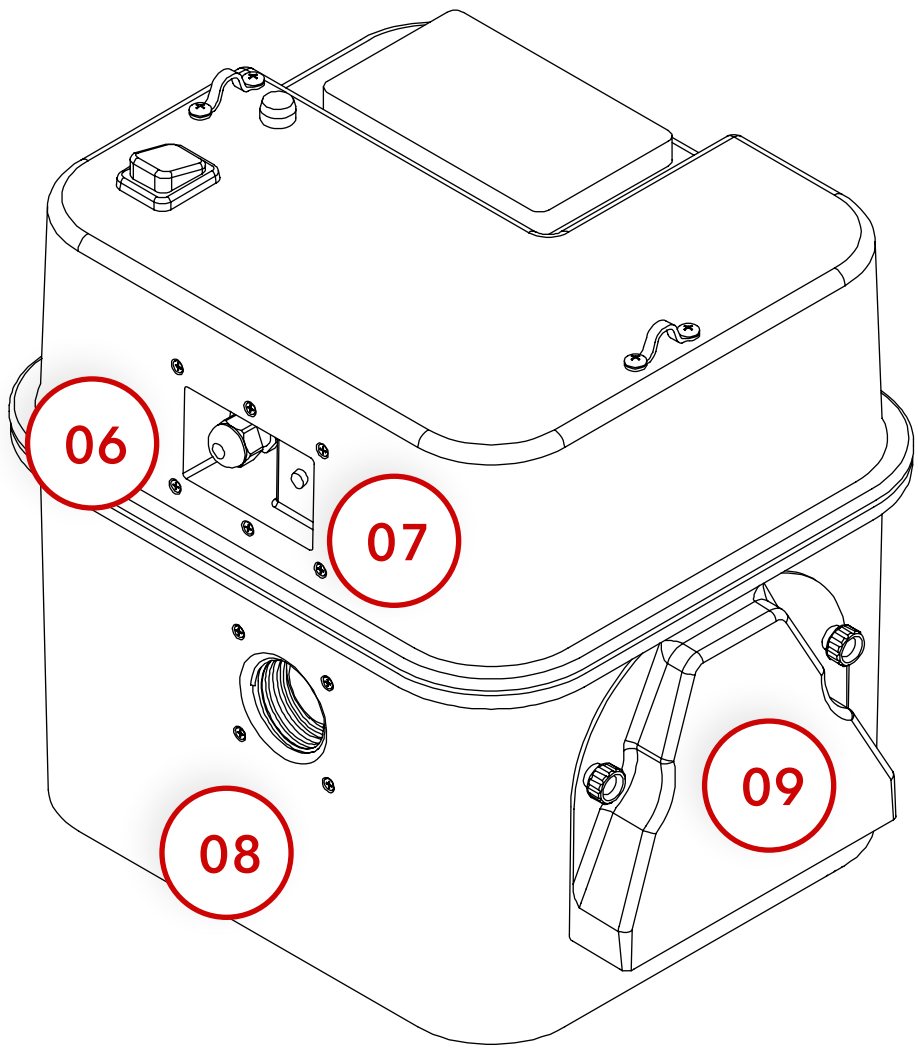
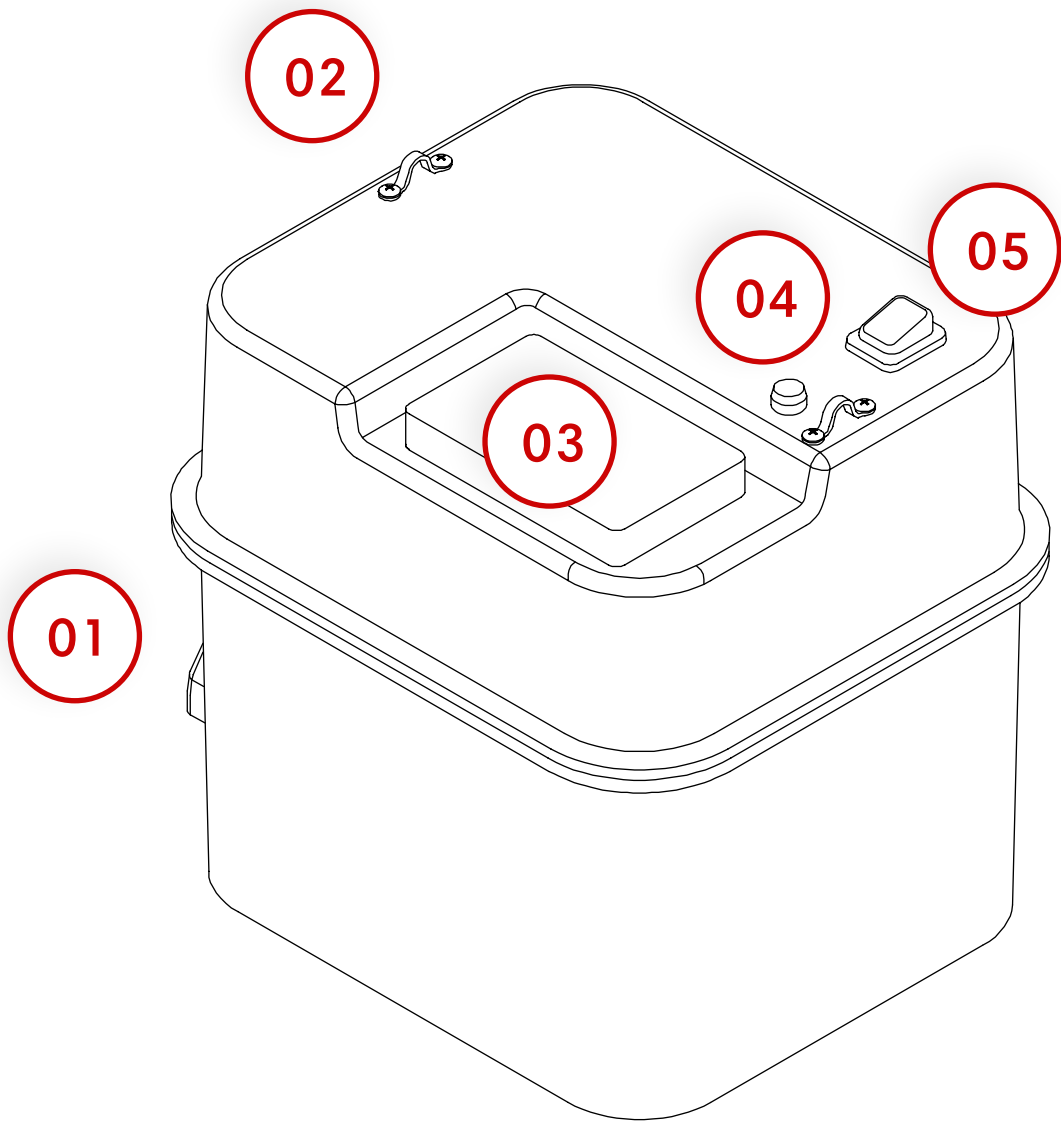


Ø40 mm hose holder

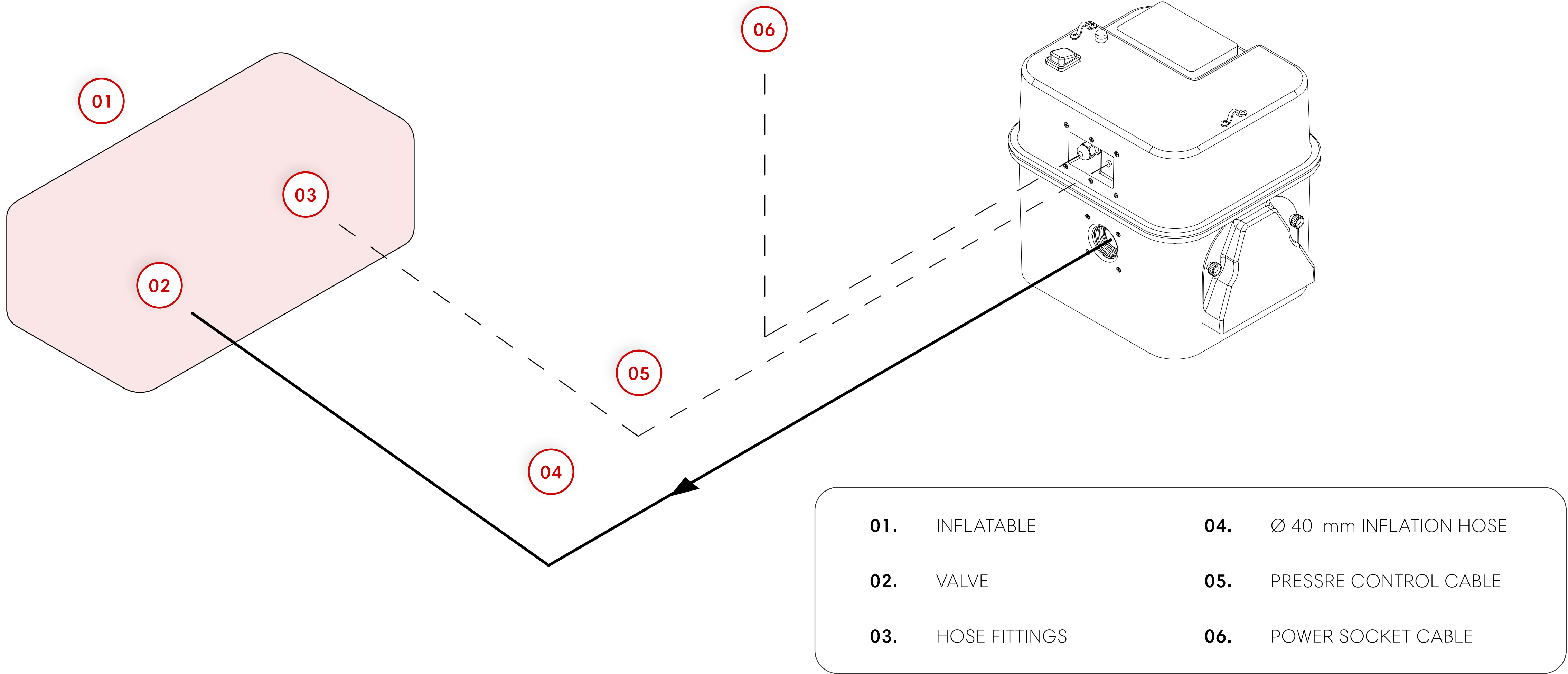


Ø25 mm hose holder

MAX. PRESSURE	360 ± 30 mbar	VOLTAGE	230 Vac 50 Hz
MAX. AIR FLOW	2700 l/m	MAX. CURRENT	9 A
MAX. POWERR	1800 W	WEIGHT	8 kg



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|------------|----------------------|------------|--------------------|------------|------------------|
| 01. | DEFLATION PORT | 04. | FUSE | 07. | PRESSURE CONTROL |
| 02. | SHOULDER STRAP HOOKS | 05. | ON/OFF | 08. | INFLATION PORT |
| 03. | CONTROL DISPLAY | 06. | POWER SOCKET CABLE | 09. | PROTECTION COVER |



TO USE

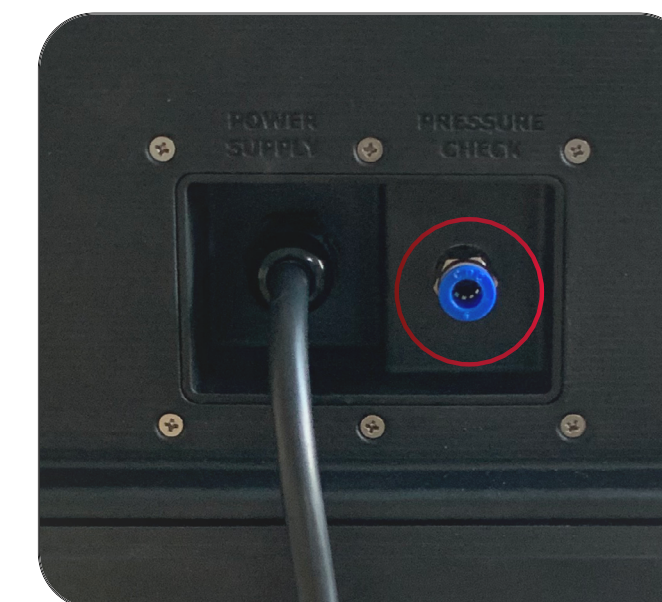
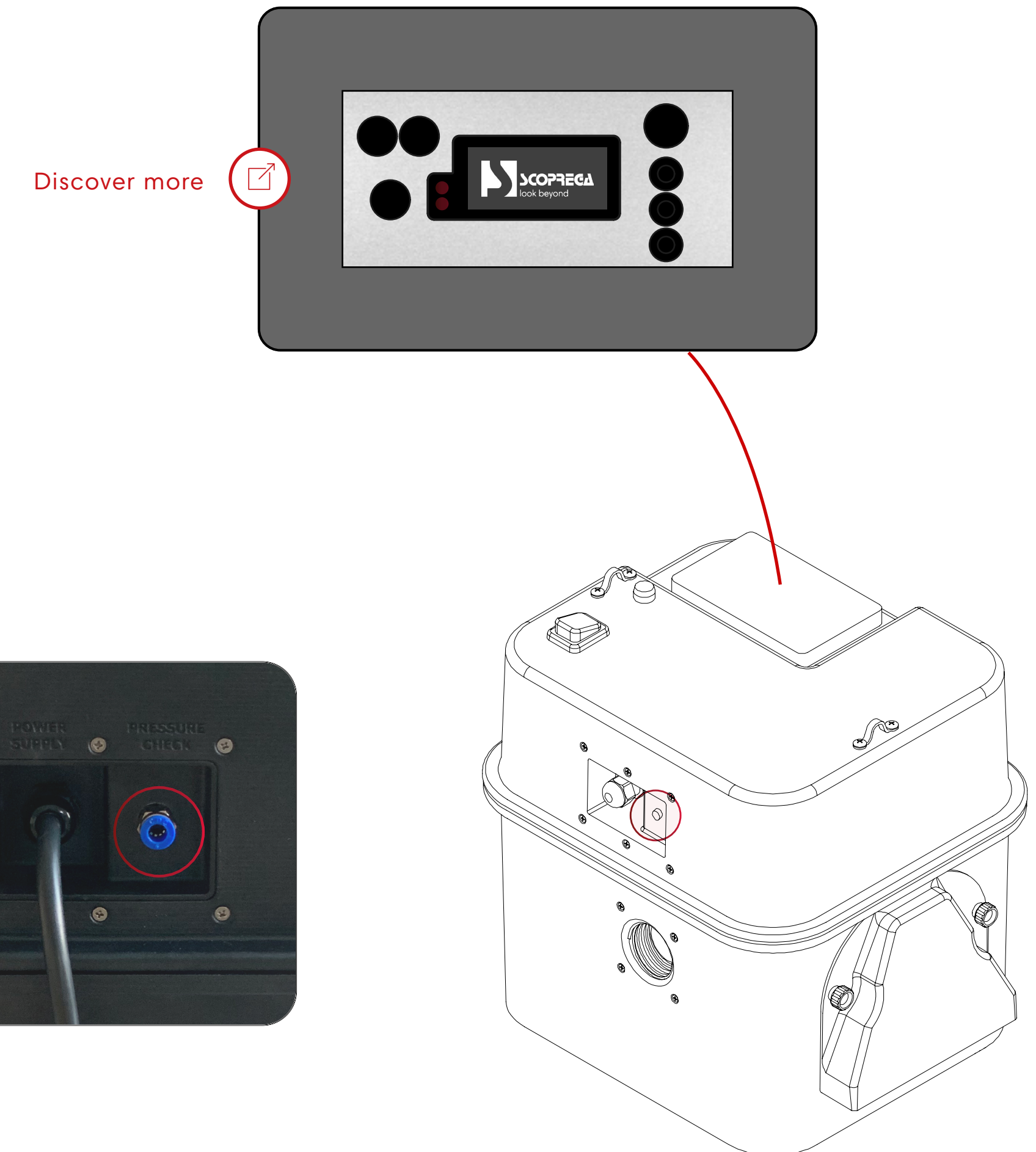
Connect one end of the hose to the inflation port, and the other end to the valve of the inflatable.

To carry out the pressure check (A.R.S.) connect one end of the hose to the connection circled in red and the other end to a valve on the inflatable structure. Once the connections have been made, connect the inflator to the power supply and press the ON/OFF button.

N.B. Check that the inflation hose and the pressure control cable (A.R.S.) are always connected to the inflator and structure.

N.B. If the power cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

N.B. Inflation and pressure control hoses are NOT supplied but must be purchased separately.



TO USE

When the green light on the ON/OFF button is lit, the display will show the pressure that the inflatable should reach. Now press the AUTO CYCLE button (the LEDs will light up), and after two seconds the GE 1800 ROMA will begin to inflate.

CHANGE THE OPERATING PRESSURE:

Press the MODE button to select the unit of measure (mbar/psi/kPa/bar), then use the SET-/SET+ buttons to change the pressure value on the display.

After 2 seconds, the display stops flashing and the pressure is stored in memory. The pressure can be changed between 0 and 360 mbar.

CHANGE THE FILLING PRESSURE:

Pressing the MIN button will cause the display to start flashing and the filling pressure can be changed using the SET-/SET+ buttons.

After two seconds the display will stop flashing and the tolerance pressure is stored. There is a possibility to adjust the filling pressure up to 30 mbar from the operating pressure.

EXAMPLE:

If an inflation pressure of 250 mbar is desired and the value to recharge is set to 50 mbar, when the pressure in the inflatable structure has reached 200 mbar the GE 1800 ROMA will turn back on and the A.R.S. system will bring the pressure in the inflatable up to 250 mbar.



FOR MODIFICATION OF DISCHARGE PRESSURE:

Press the MAX button for 3 seconds, the display will start flashing. Use the SET-/SET+ buttons to change the value. After two seconds, the display will stop flashing and the value will be stored. There is an option to adjust the discharge pressure from 30 to 70 mbar relative to the operating pressure.

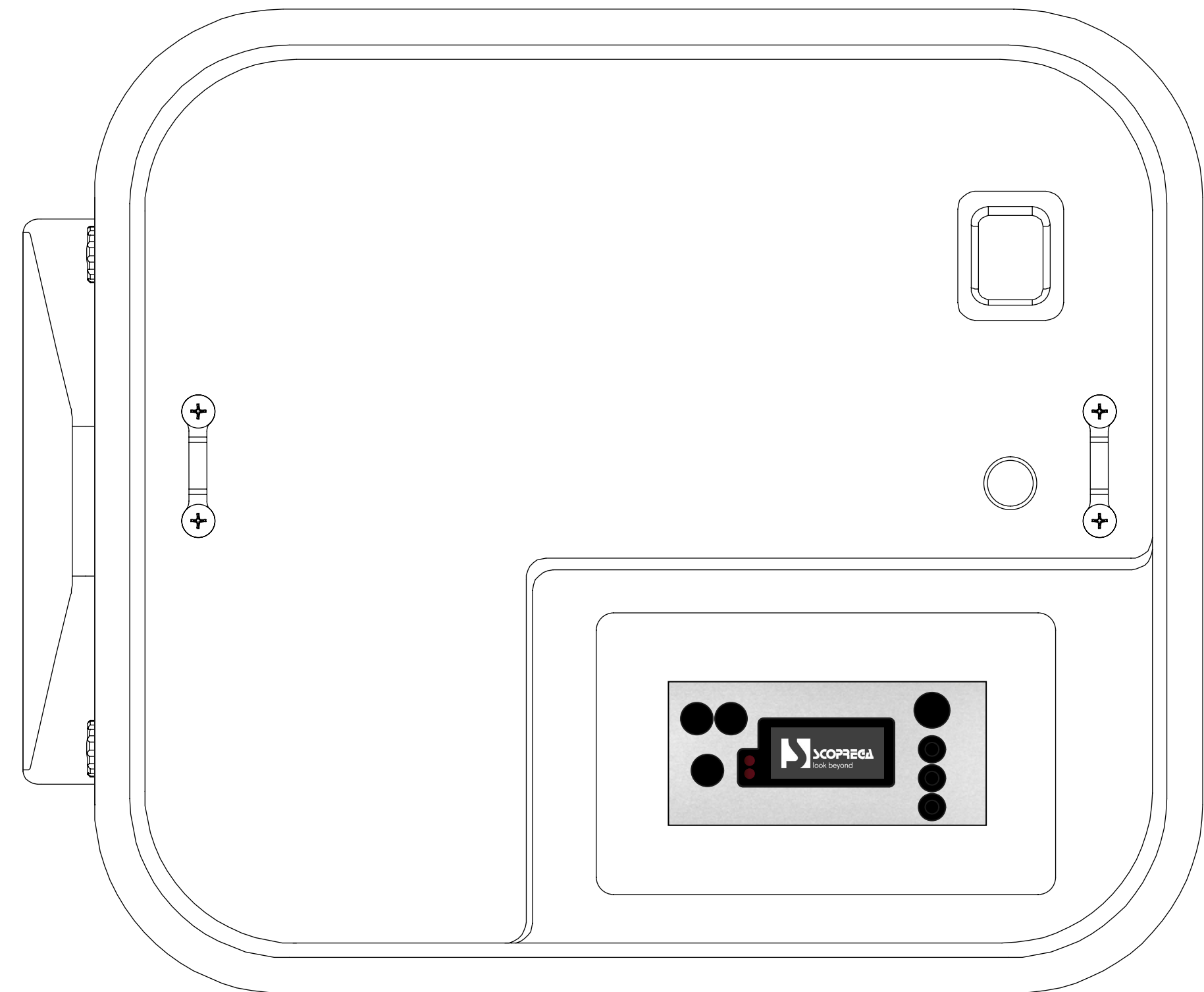
EXAMPLE:

If an inflation pressure of 250 mbar is desired and the discharge value is set to 50 mbar, when the structure reaches 300 mbar, the ARS system will open the discharge valve until it has reached 250 mbar.

After the changes are made, press AUTO CYCLE. The two LEDs will turn on after two seconds and the red LED will turn off; The green LED will signal that the GE 1800 ROMA will begin to inflate/discharge and recharge automatically.

With the automatic cycle activated (A.R.S. - LEDs on), the unit will automatically check the pressure of the inflatable structure.

N.B. In case of power failure during operation, the inflator is NOT able to keep the working settings stored. When power is restored, it is NECESSARY to restart and reset the inflator's inflation settings.



CHANGE FILLING AND DISCHARGE TIMES

CHANGE FILLING TIME:

Pressing the MIN button for 3 seconds can manage the duration of the filling time. The display will show the filling time setting.

Use the SET-/SET+ buttons to change the value.

The value viene stored as soon as it is changed, and if no button is pressed for 3 seconds, the display returns to the home screen.

CHANGE DISCHARGE TIME:

Pressing the MAX button for 3 seconds can manage the duration of excess air discharge (pressure). The display will show the exhaust time setting.

Use the SET-/SET+ buttons to change the value.

The value viene memorized as soon as it is changed, and if no button is pressed for 3 seconds, the display returns to the home screen.

N.B. The pressure adjustment phase during filling and emptying takes approximately 5 seconds.

N.B. The inflator will perform all necessary operations independently until the operating pressure is reached.



TO DEFLATE

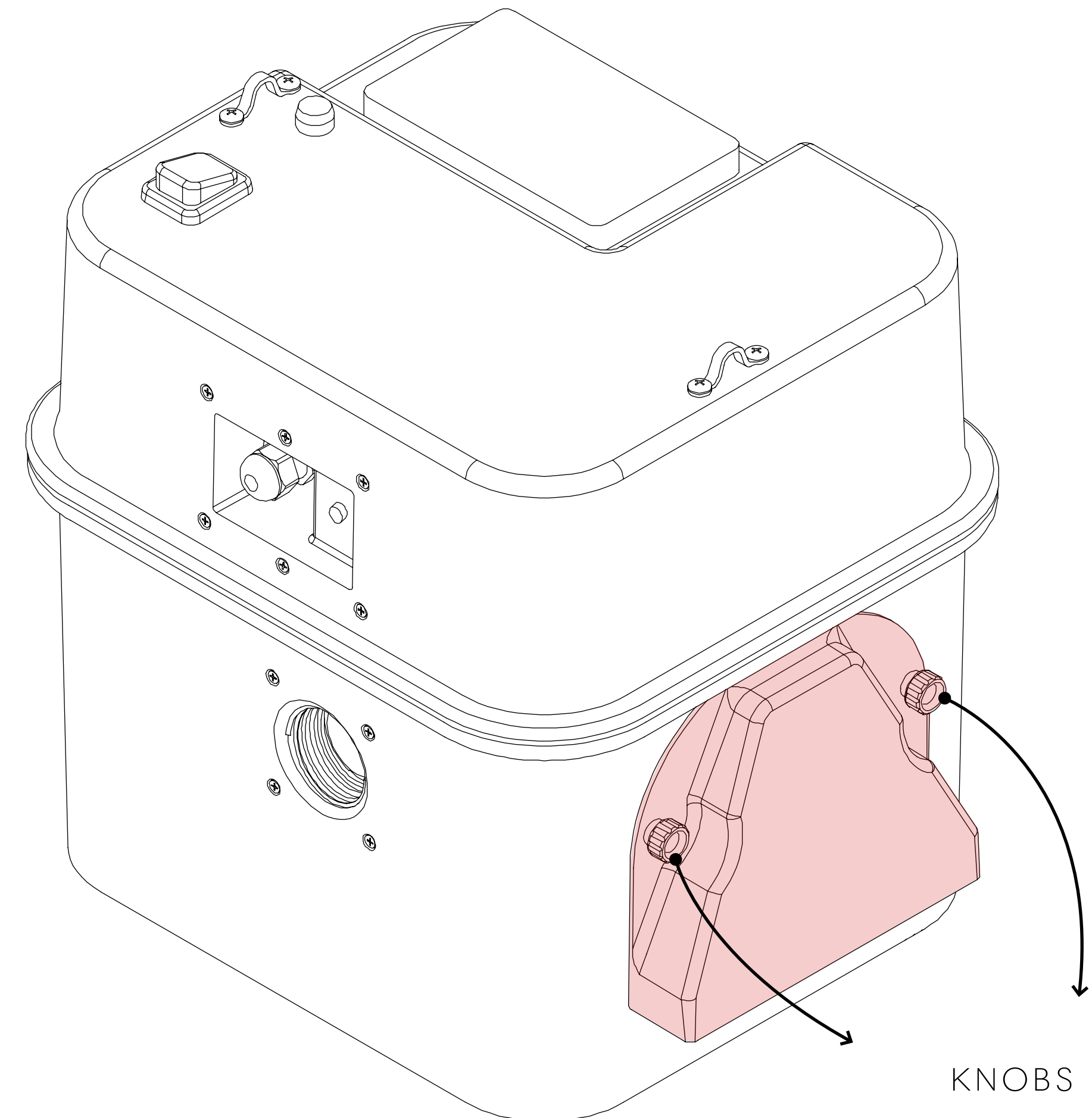
Remove the cover in front of the deflation port by unscrewing the appropriate knobs (Fig right).

Then connect the hose to the deflation port, and then to the valve of the inflatable unit. It is important to choose the proper fitting for the valve and check for air leaks.

Turn on the inflator by selecting ON on the main switch, then press the AUTO CYCLE button on the display.

Turn off the inflator once deflation is complete by turning the main switch to OFF.

N.B. The inflator does not stop automatically.



CLEANING AND MAINTENANCE

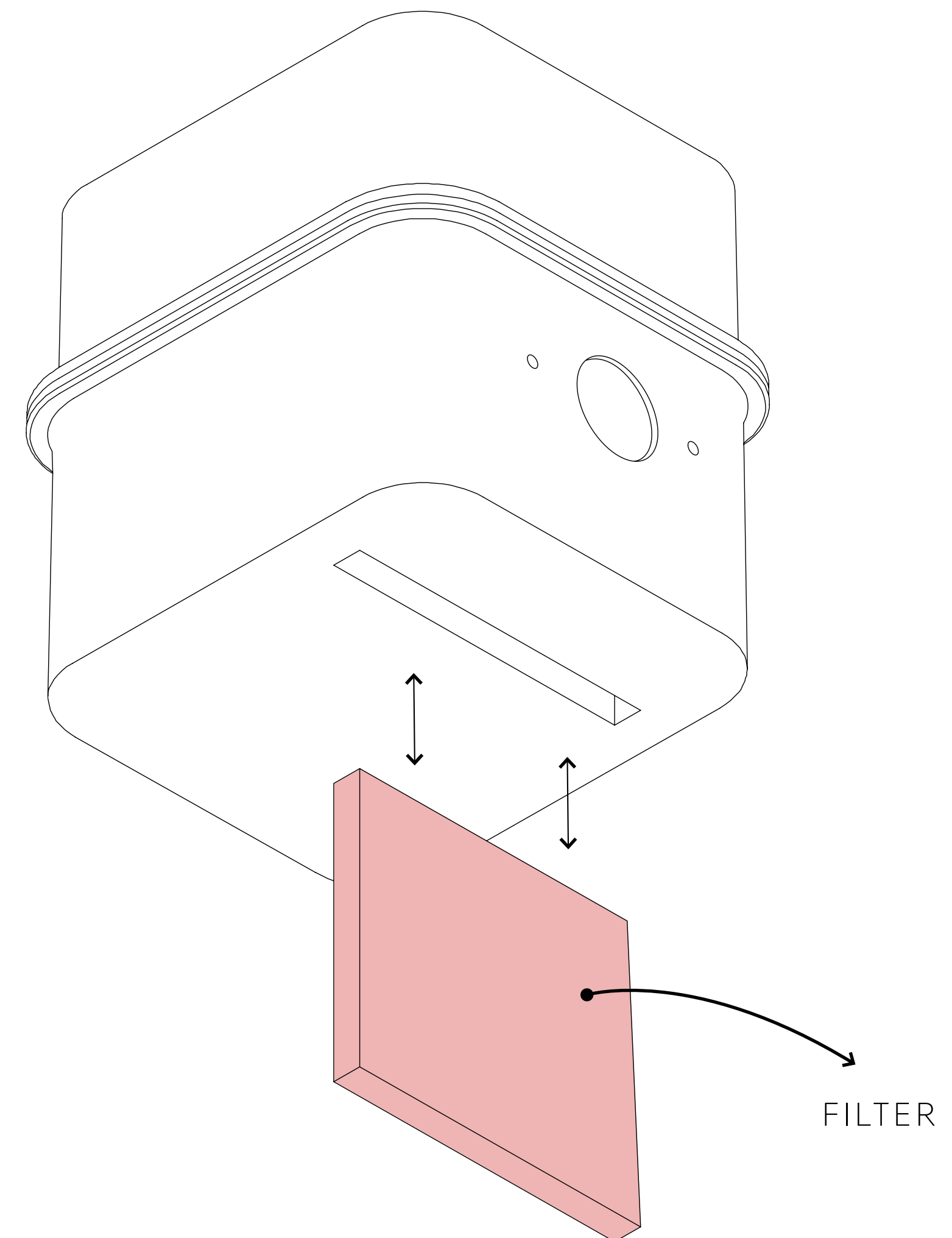
The inflator has a filter compartment located at the bottom of the inflator. It is recommended to keep it clean for longer life and efficiency of the inflator.

N.B. An annual inspection or every 1000 hours of use is recommended.

To clean or change the filter, unscrew the two screws that attach it to the frame and remove the filter.

N.B. It is recommended to clean it with compressed air.

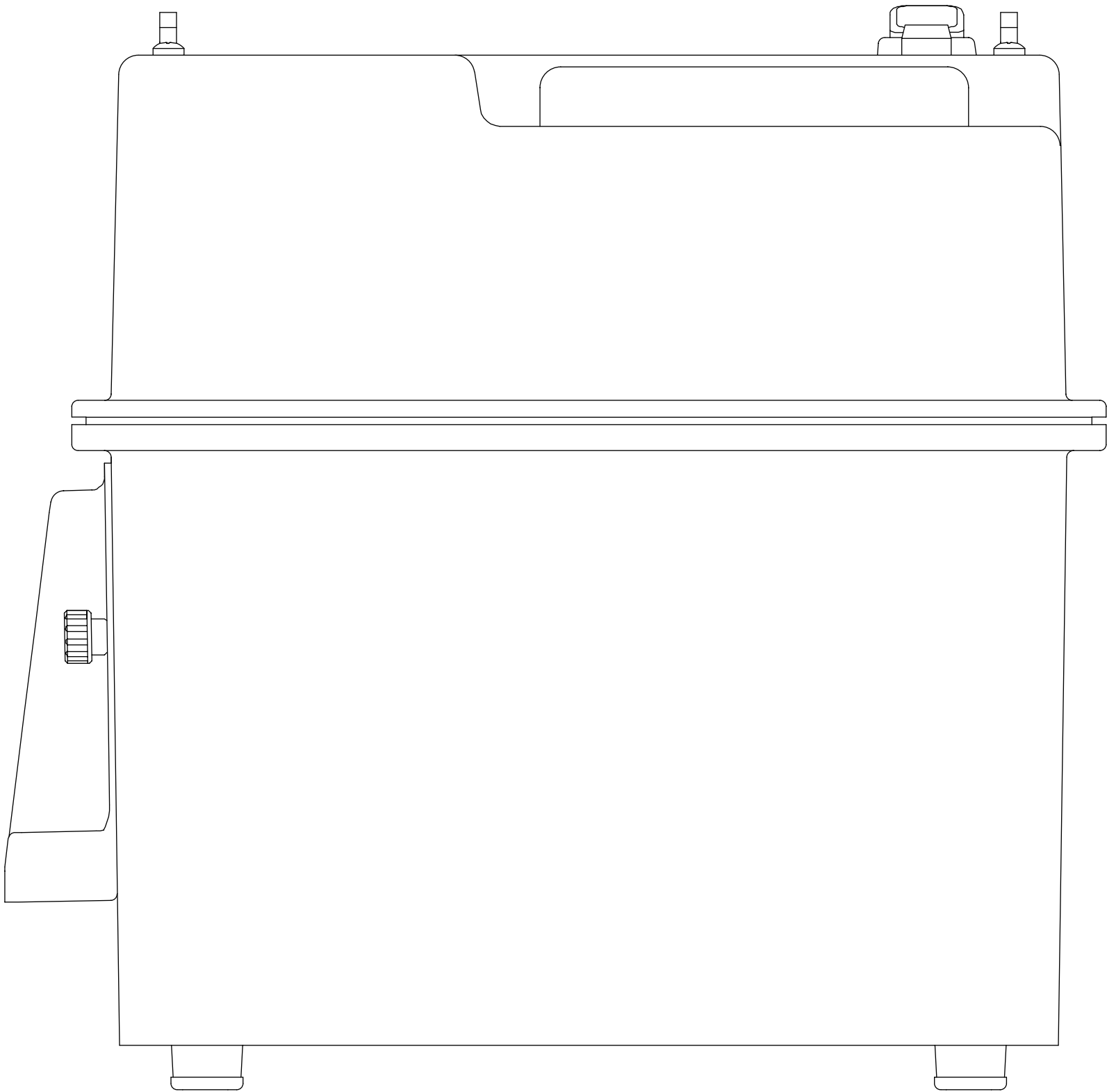
Once the cleaning or replacement operations are completed, insert the filter into the filter compartment and secure it with the fixing screws.





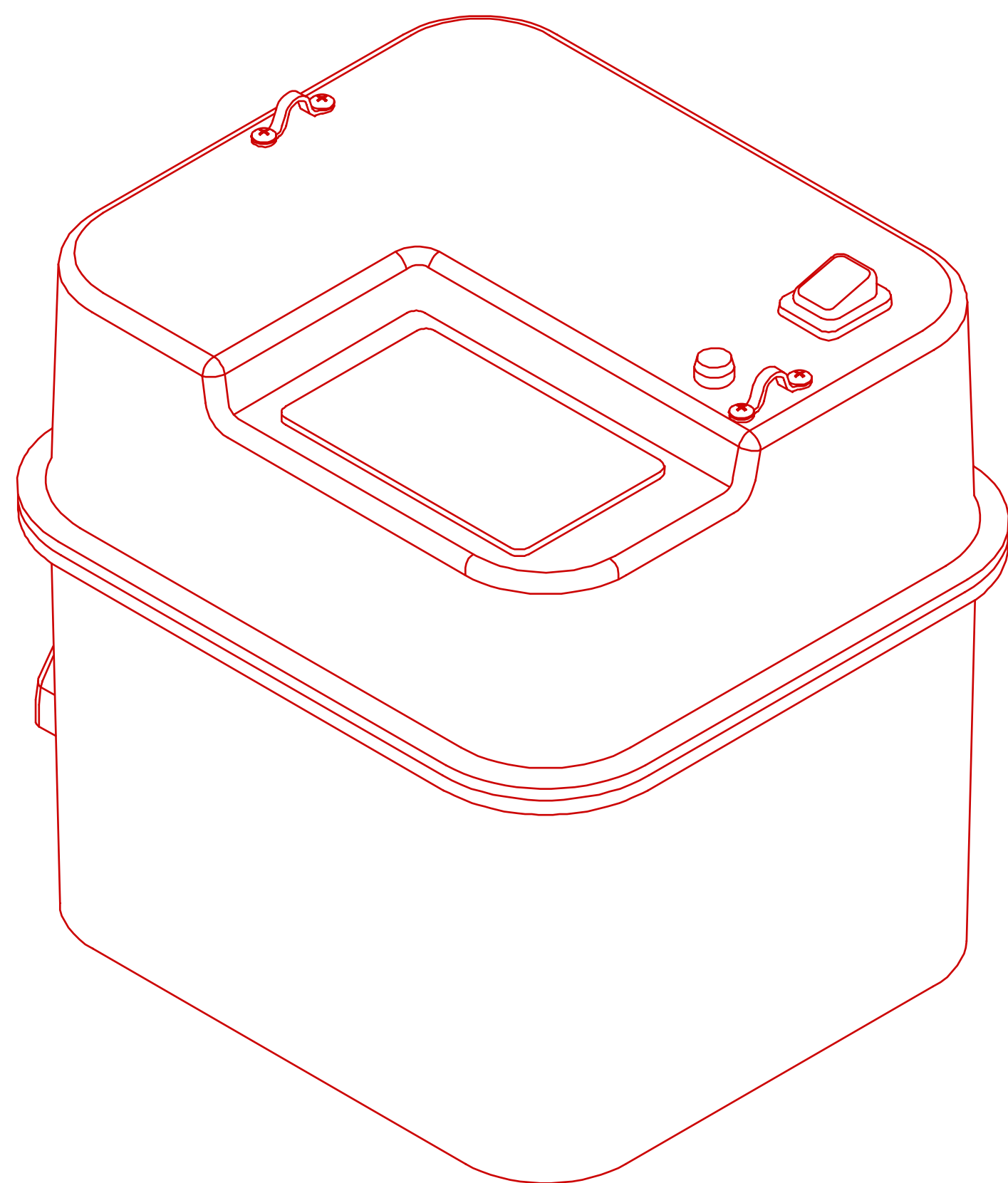
SOLUTION GUIDE

The inflator does not start	Power supply not connected	Connect the power supply
	The ON button was not pressed	Press the ON button
	The product is damaged	Contact the SCOPREGA service centre
The inflator does not inflate/deflate	Power supply not connected	Connect the power supply
	Incorrect connection of the hose	Connect the tube to the correct port
	Incorrect setting pressure	Change the pressure setting



GE 1800 EL

GE7S0002 (120V) - GE7S0000 (230V)



- 01.** INTRODUCTION
- 02.** TECHNICAL DATA
- 03.** FUNCTIONAL DESCRIPTION
- 04.** INSTALLATION
- 05.** USE AND FUNCTIONS
- 06.** PROBLEM SOLVING

GE 1800 EL

The GE 1800 EL represents the **Entry Level** version of the more sophisticated GE 1800 ROMA.

It is an inflator with the same characteristics in terms of performance (same air flow: 3400 l/min; same maximum pressure attainable: 360 mbar), but with the **difference of NOT being equipped with a system for monitoring and refilling up or releasing air in the event of changes in inflatable pressure.**

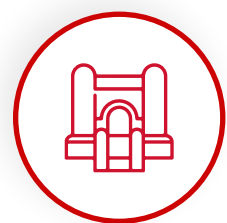
In fact, the GE 1800 EL is ideal for inflating large structures that do not, however, need to be constantly monitored.



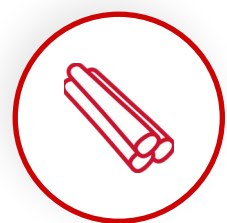
SMALL TENTS



LARGE STRUCTURE



TOYS

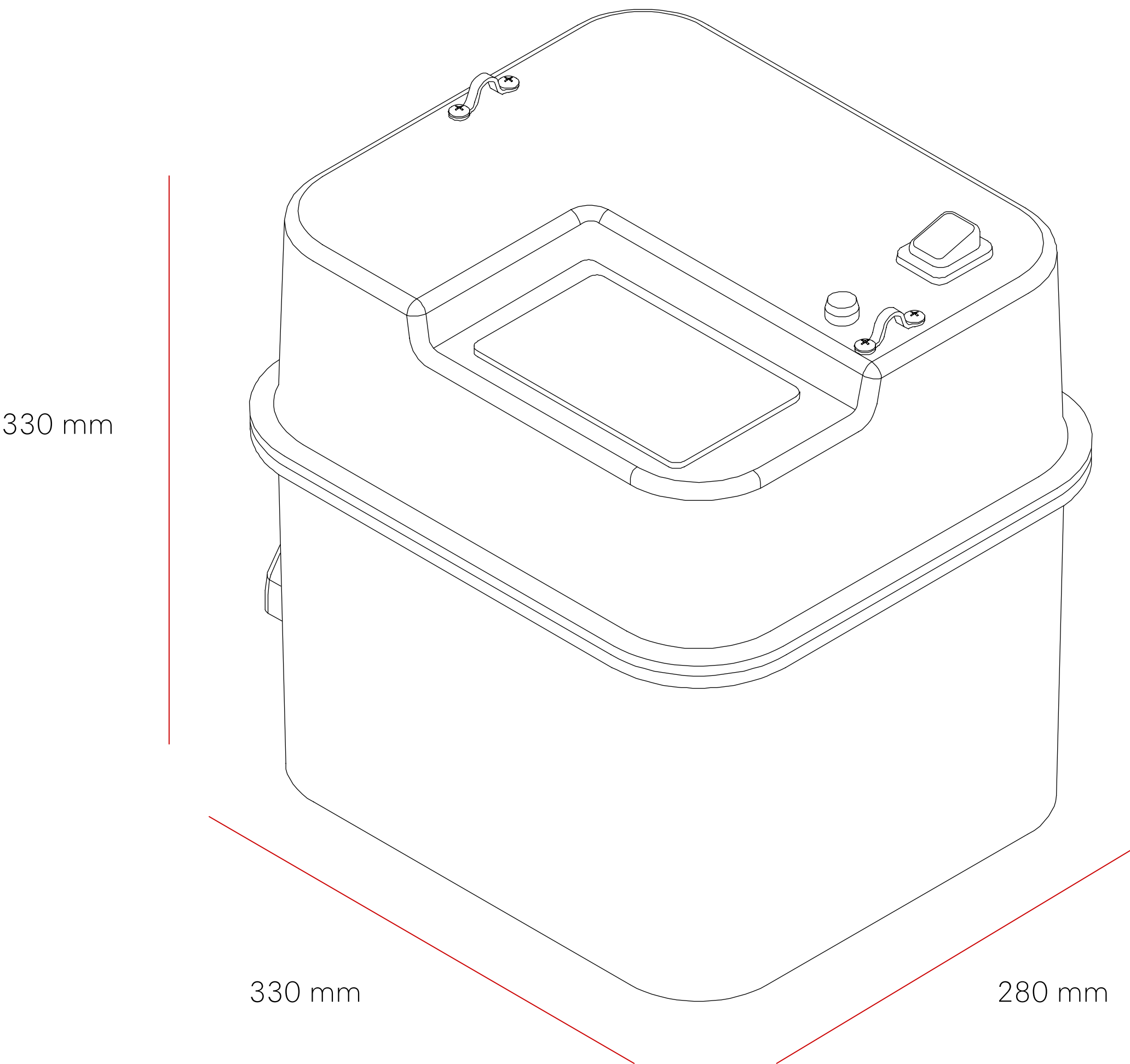


BARRIERS

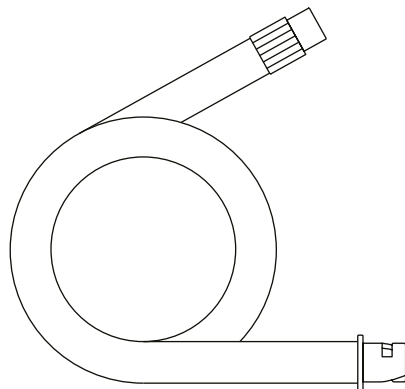


CONTENUTO E DATI TECNICI

GE 1800 EL: GE7S0002 (120V)
GE 1800 EL: GE7S0000 (230V)



Shoulder strap for transport

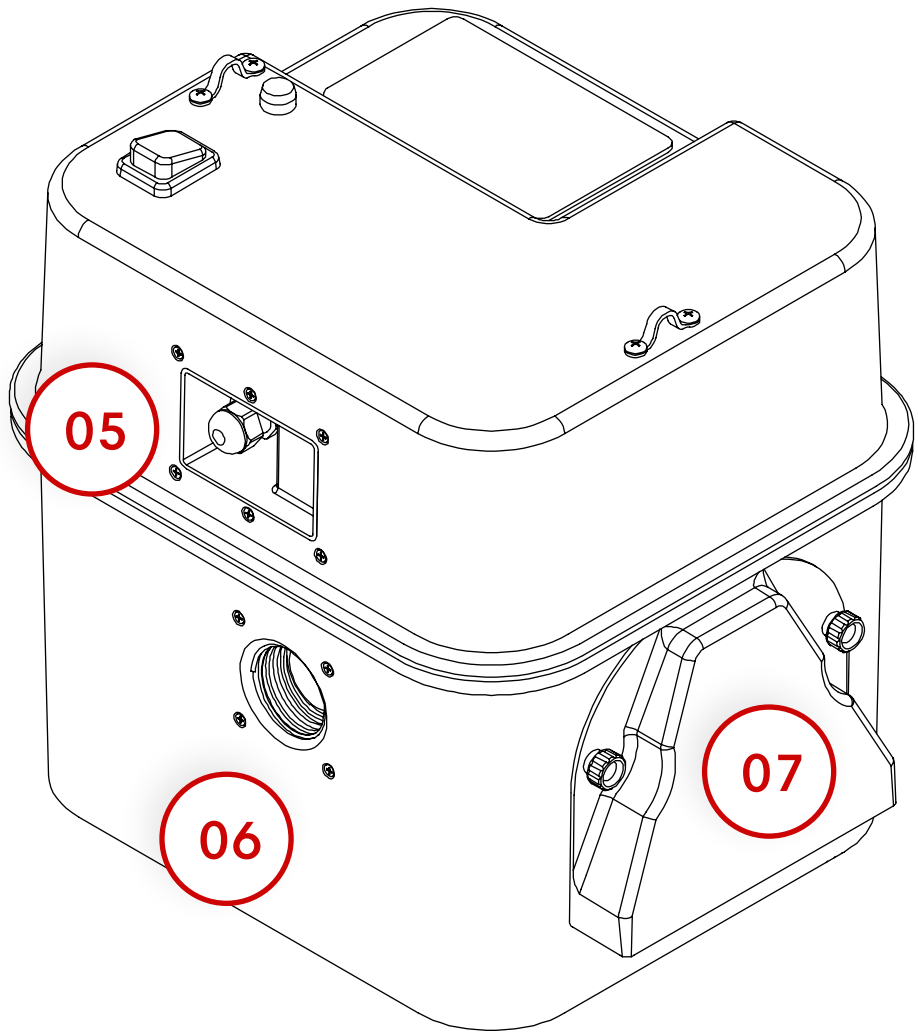
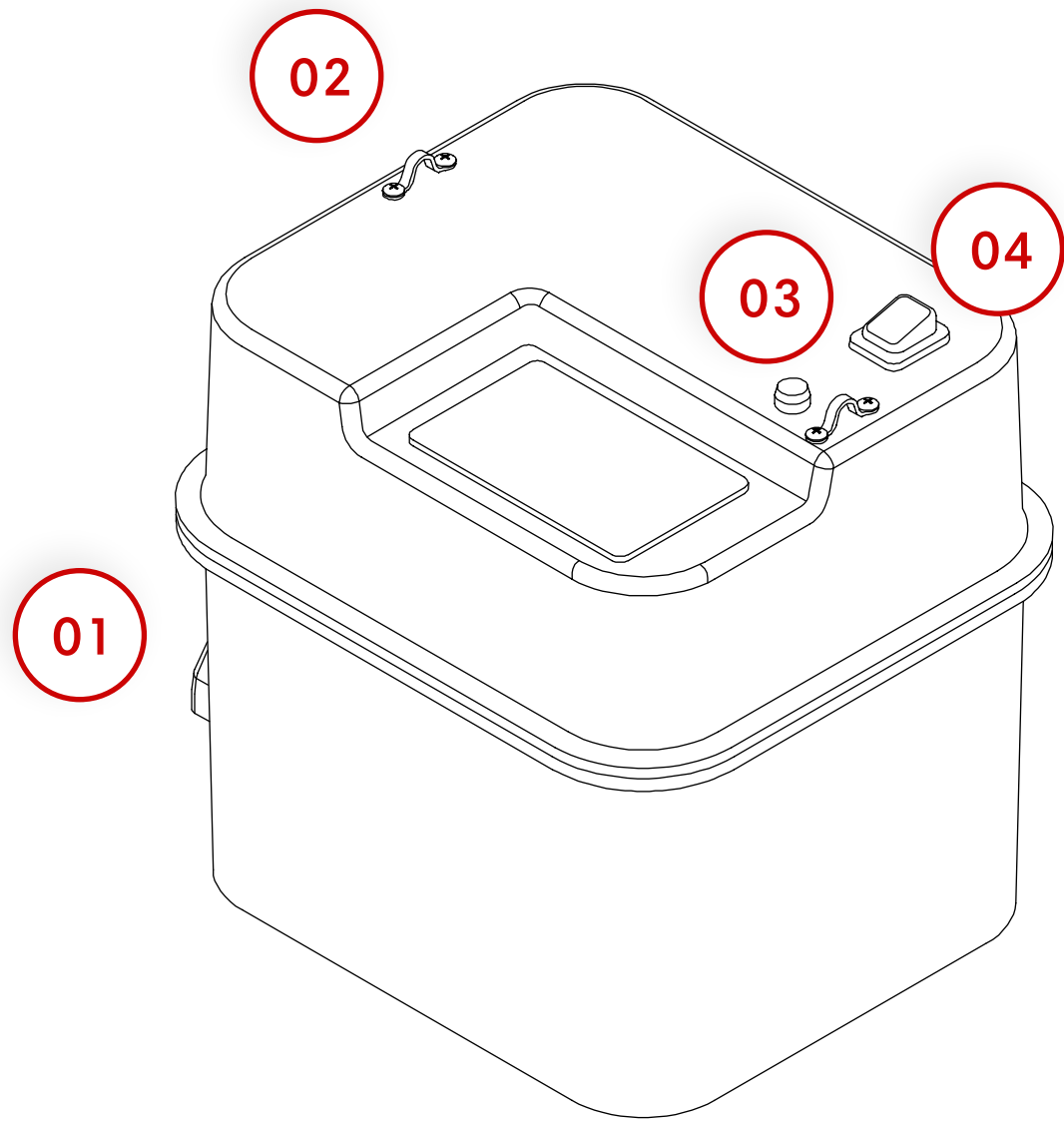


Inflation hose

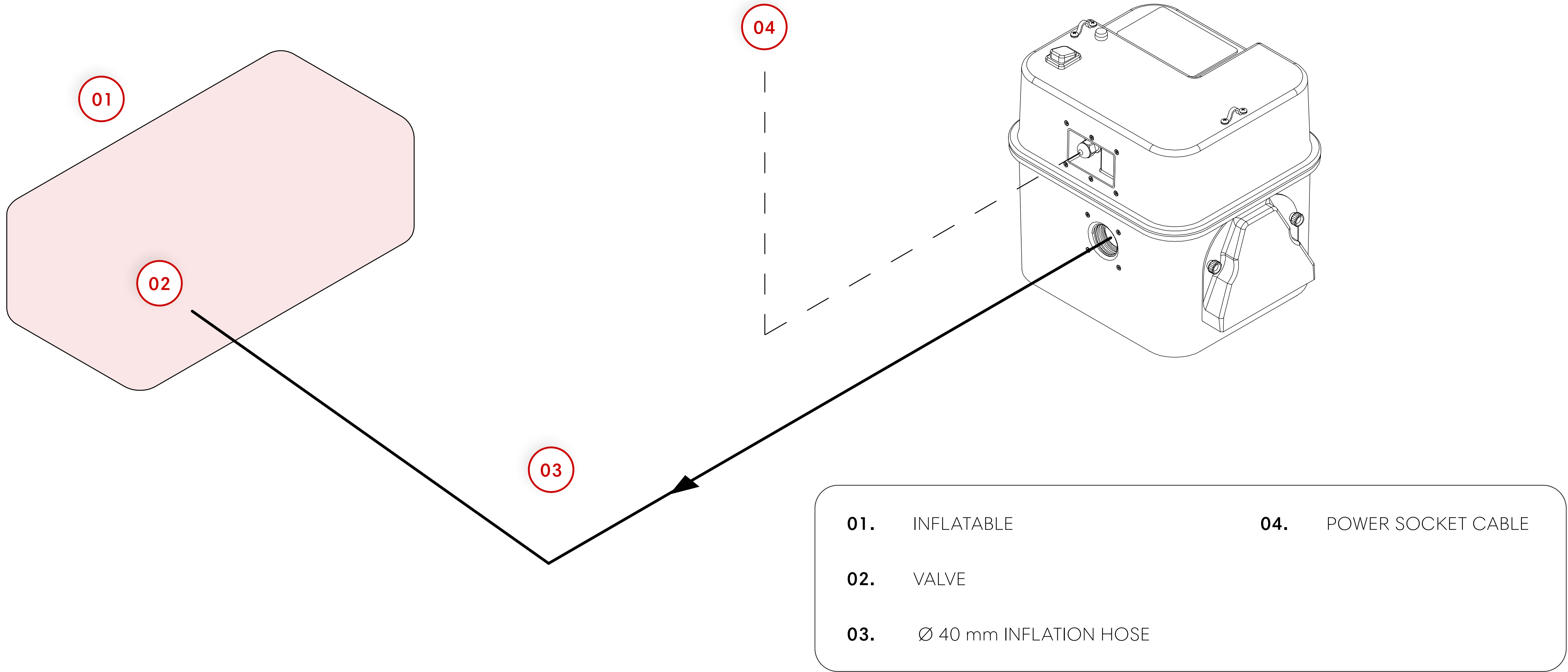


40-25 fitting

MAX. PRESSURE	360 mbar (5.2 psi) 600 mbar (8.7psi)	VOLTAGE	230V 120V
MAX. AIR FLOW	2700 l/m	MAX. CURRENT	18A (230V) 9A (120V)
MAX. POWERR	1800 W	WEIGHT	6,4 kg



- | | | | | | |
|------------|----------------------|------------|--------------------|------------|------------------|
| 01. | DEFLATION PORT | 04. | ON/OFF | 07. | PROTECTION COVER |
| 02. | SHOULDER STRAP HOOKS | 05. | POWER SOCKET CABLE | | |
| 03. | FUSE | 06. | INFLATION PORT | | |



TO USE

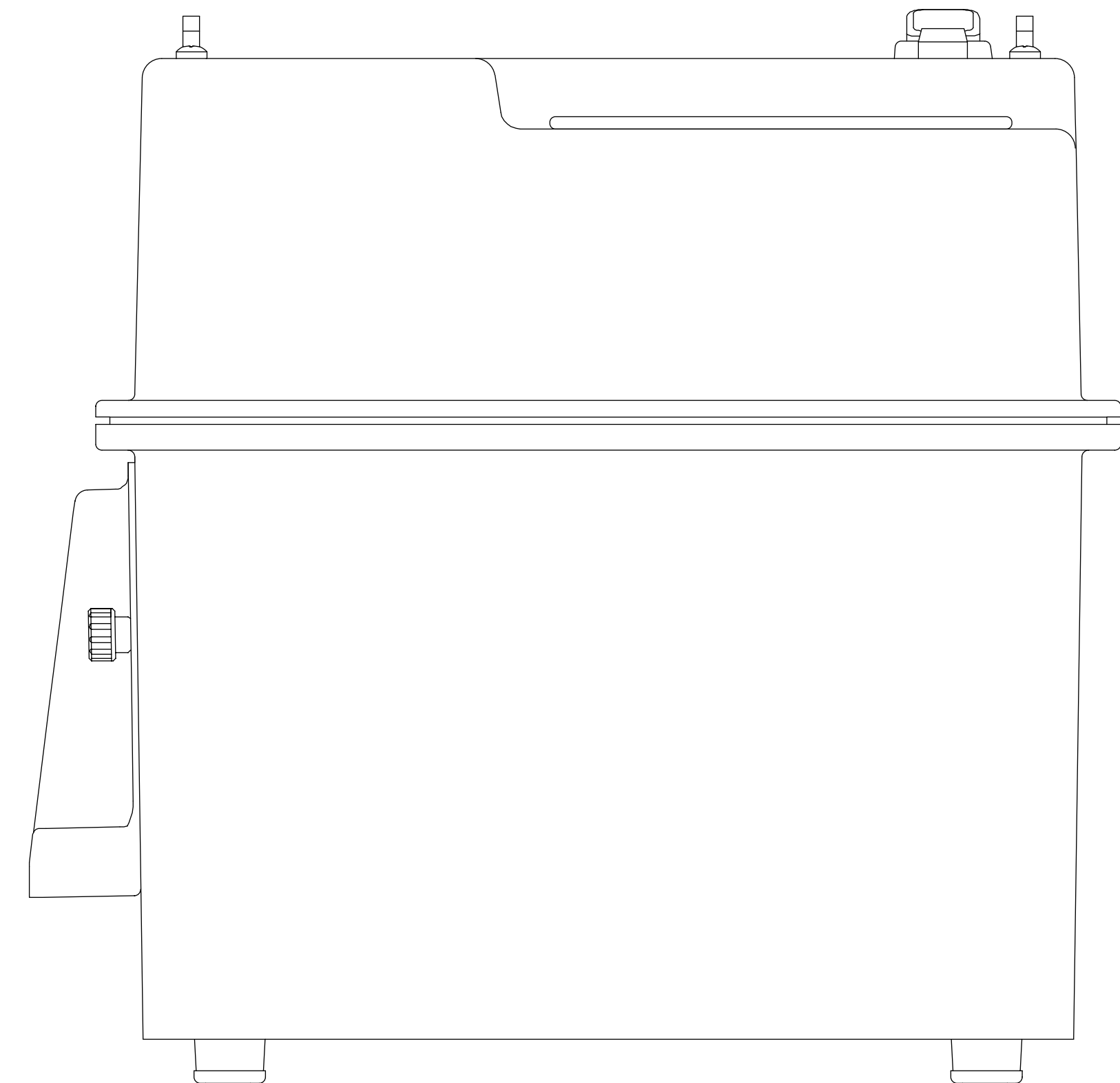
Connect one end of the hose to the inflation port, and the other end to the valve of the inflatable.

Having made the connections, connect the inflator to the power supply and press the ON/OFF button.

N.B. Check that the inflation hose is always connected to the inflator and the structure during inflation.

N.B. If the power cord is damaged, it should be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

N.B. In the event of a power failure during operation, the device is NOT able to maintain memorized working settings, so it will NOT restart automatically when power is restored.



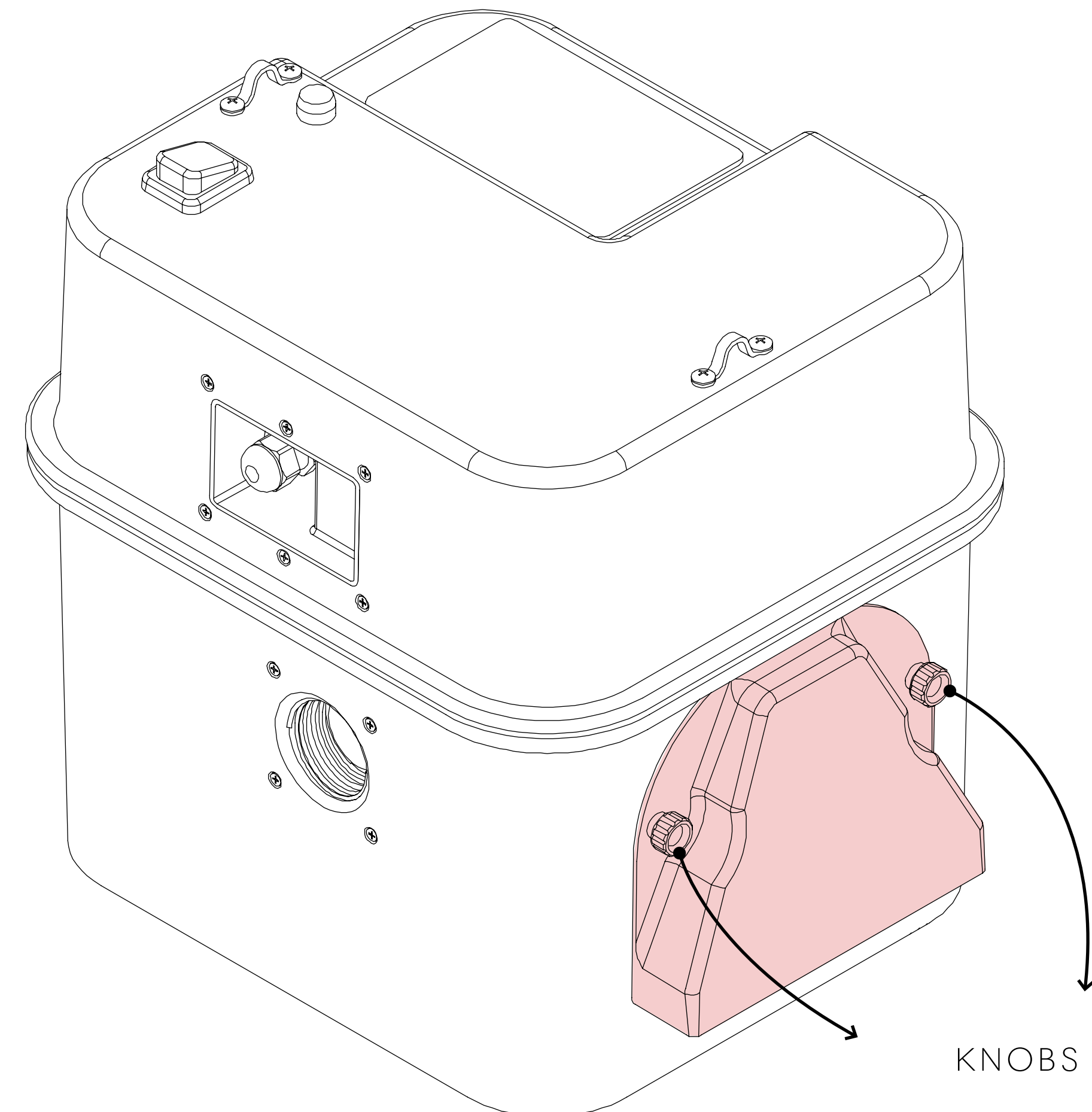
TO DEFLATE

Remove the cover in front of the deflation port by unscrewing the appropriate knobs (Fig right).

Then connect the hose to the deflation port, and then to the valve of the inflatable unit. It is important to choose the proper fitting for the valve and check for air leaks.

Turn on the inflator by selecting ON on the main switch, then press the AUTO CYCLE button on the display. Turn off the inflator once deflation is complete by turning the main switch to OFF.

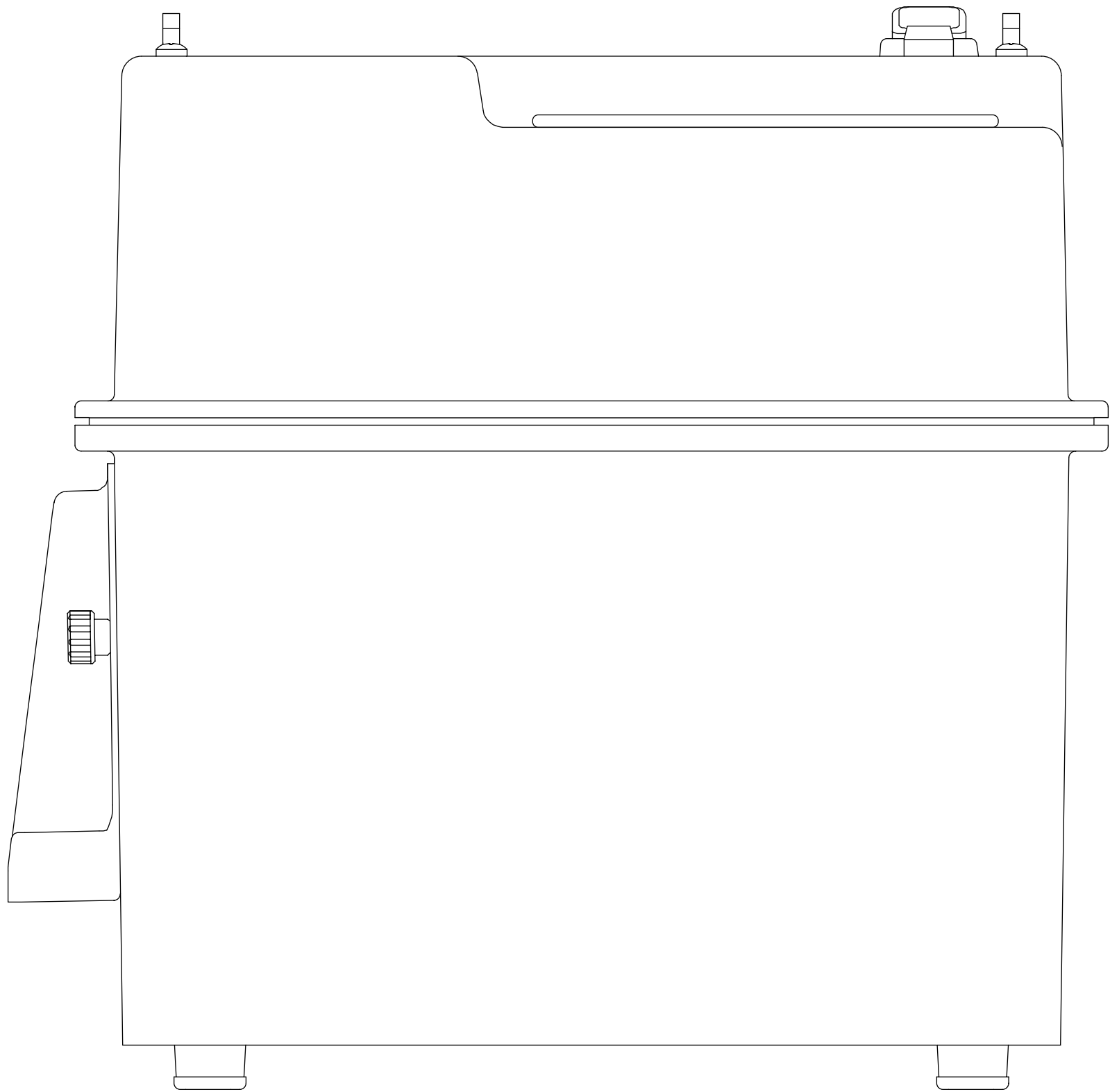
N.B. The inflator does not stop automatically.





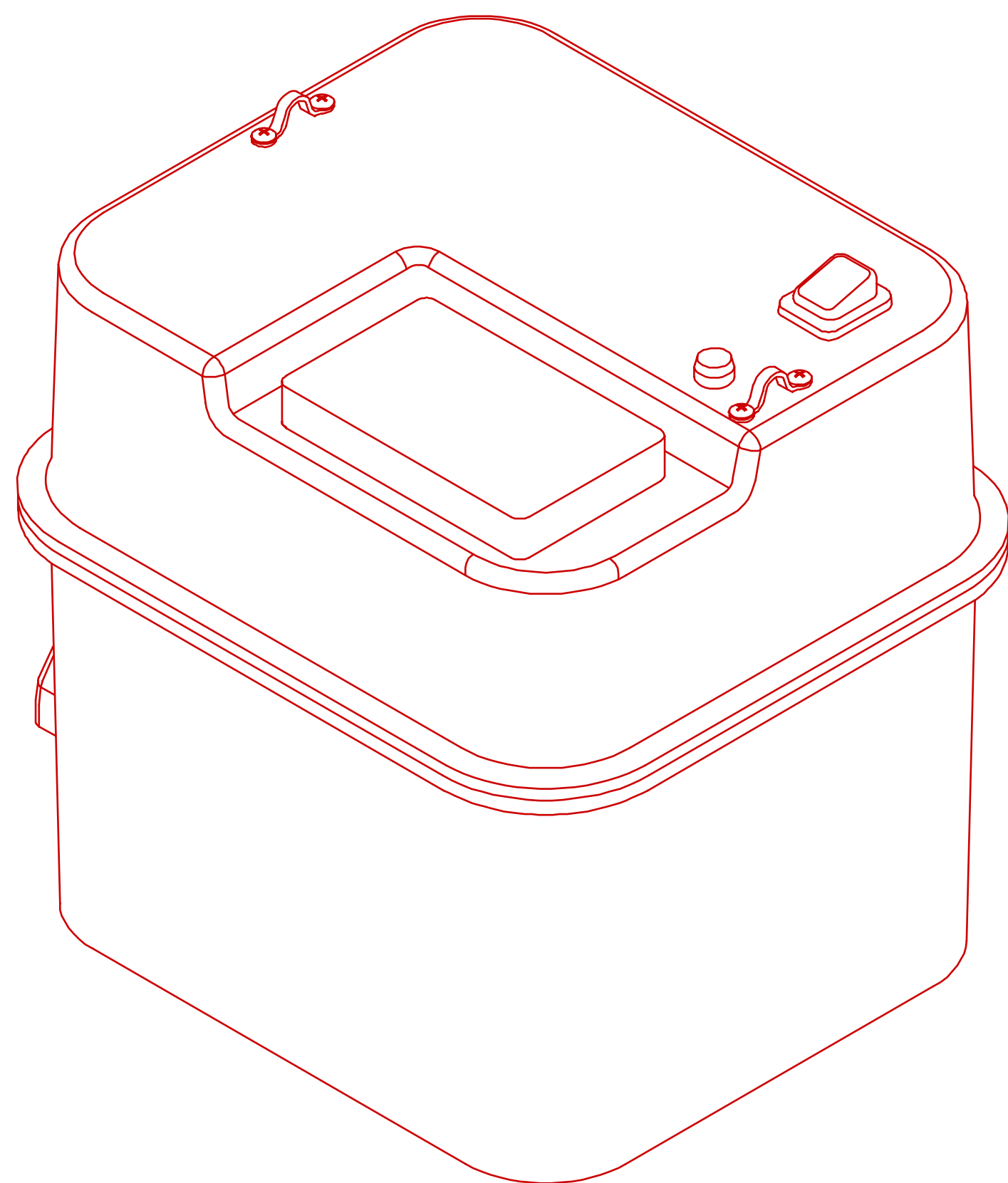
SOLUTION GUIDE

The inflator does not start	Power supply not connected	Connect the power supply
	The ON button was not pressed	Press the ON button
	The product is damaged	Contact the SCOPREGA service centre
The inflator does not inflate/deflate	Power supply not connected	Connect the power supply
	Incorrect connection of the hose	Connect the tube to the correct port
	Incorrect setting pressure	Change the pressure setting



GE 1800 EVO

GE7S0012 (120V) - GE7S0006 (230V)



- 01.** INTRODUCTION
- 02.** TECHNICAL DATA
- 03.** FUNCTIONAL DESCRIPTION
- 04.** INSTALLATION
- 05.** USE AND FUNCTIONS
- 06.** PROBLEM SOLVING

GE 1800 EVO

All-weather' inflator (degree of protection: IP66) suitable for large inflatable structures
inflatable structures, with **a maximum pressure of up to 600 mbar**.

Thanks to the automatic air refilling system, **A.R.S. (Automatic Refilling System)**, the
the inflator is able to maintain the nominal pressure inside the inflatable within predefined
values, **regardless of the ambient temperature**.

The **GE 1800 EVO-IC (internal control)** versions, unlike the EC (external control),
control the pressure directly from the inflation hose, without the need for an additional
additional connection to the inflatable.

The various functions can be controlled via the display or via webserver.



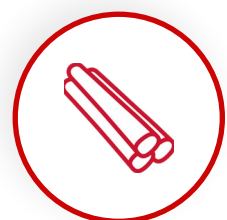
SMALL TENTS



LARGE STRUCTURE

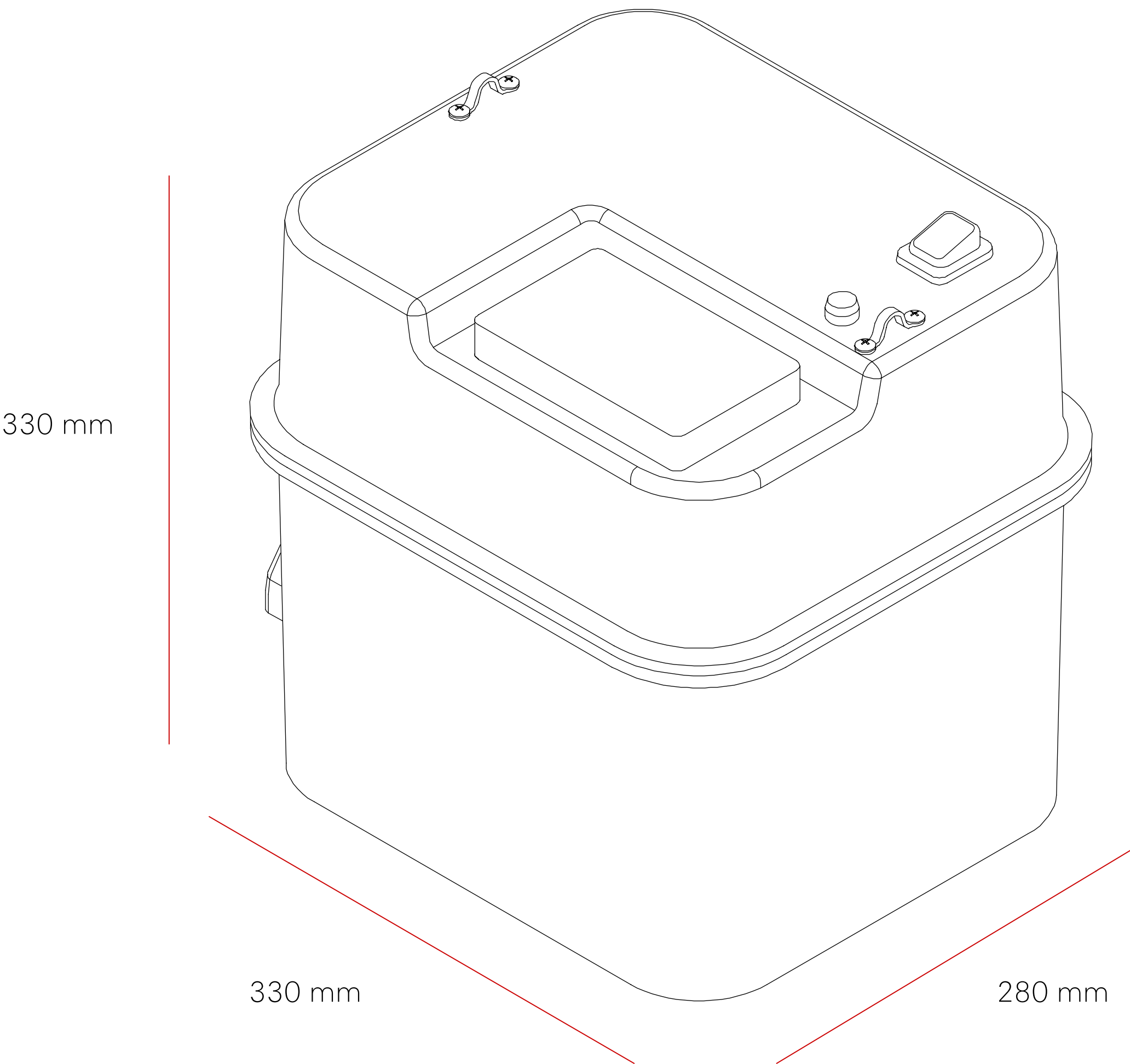


TOYS

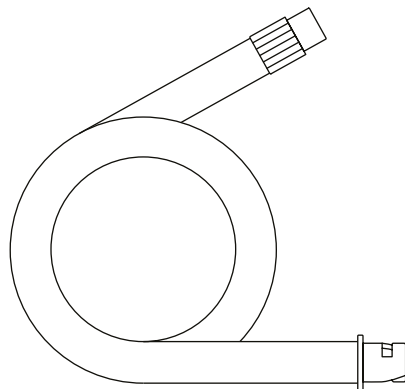


BARRIERS





Shoulder strap for transport



Inflation hose

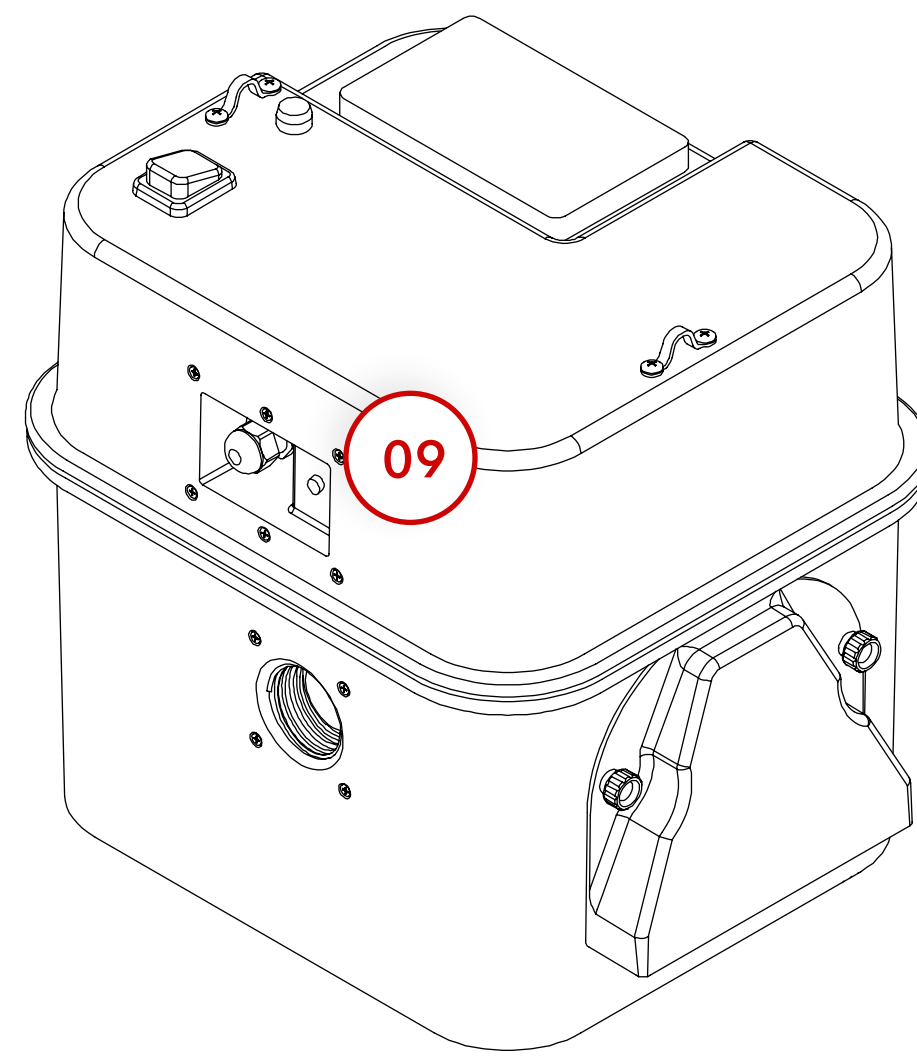
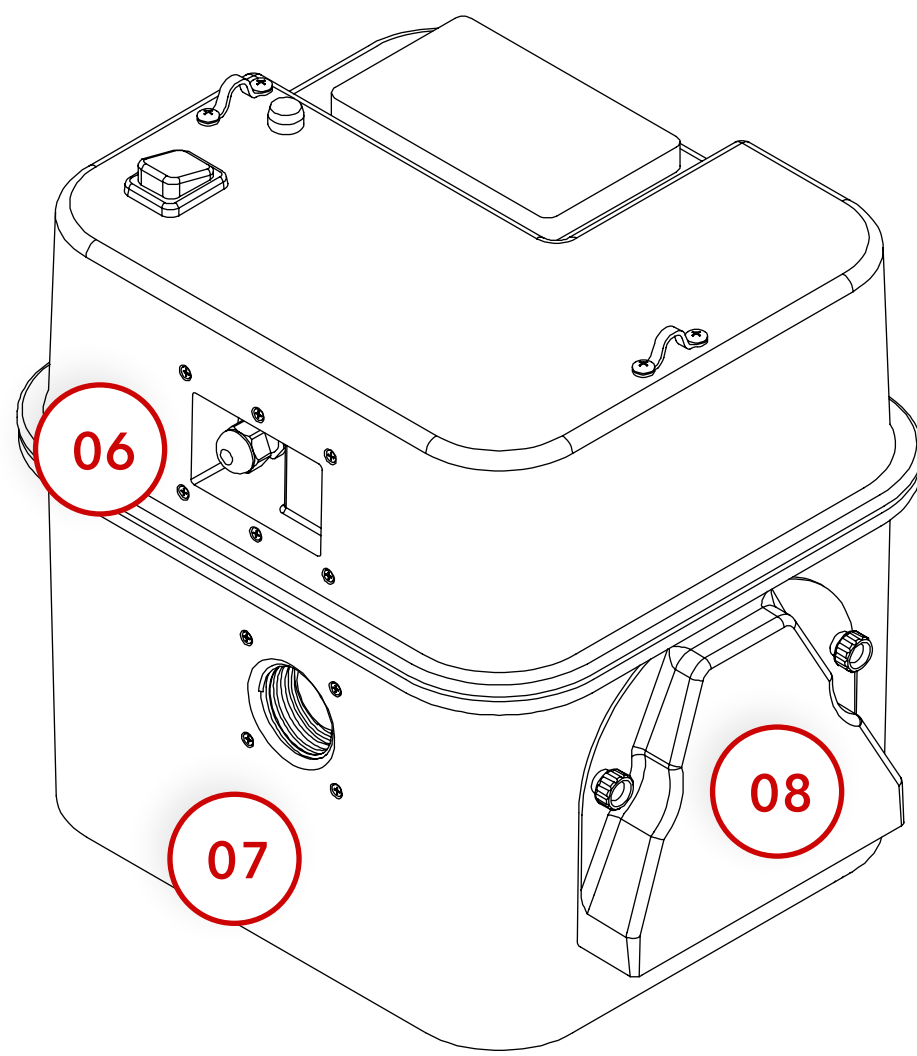
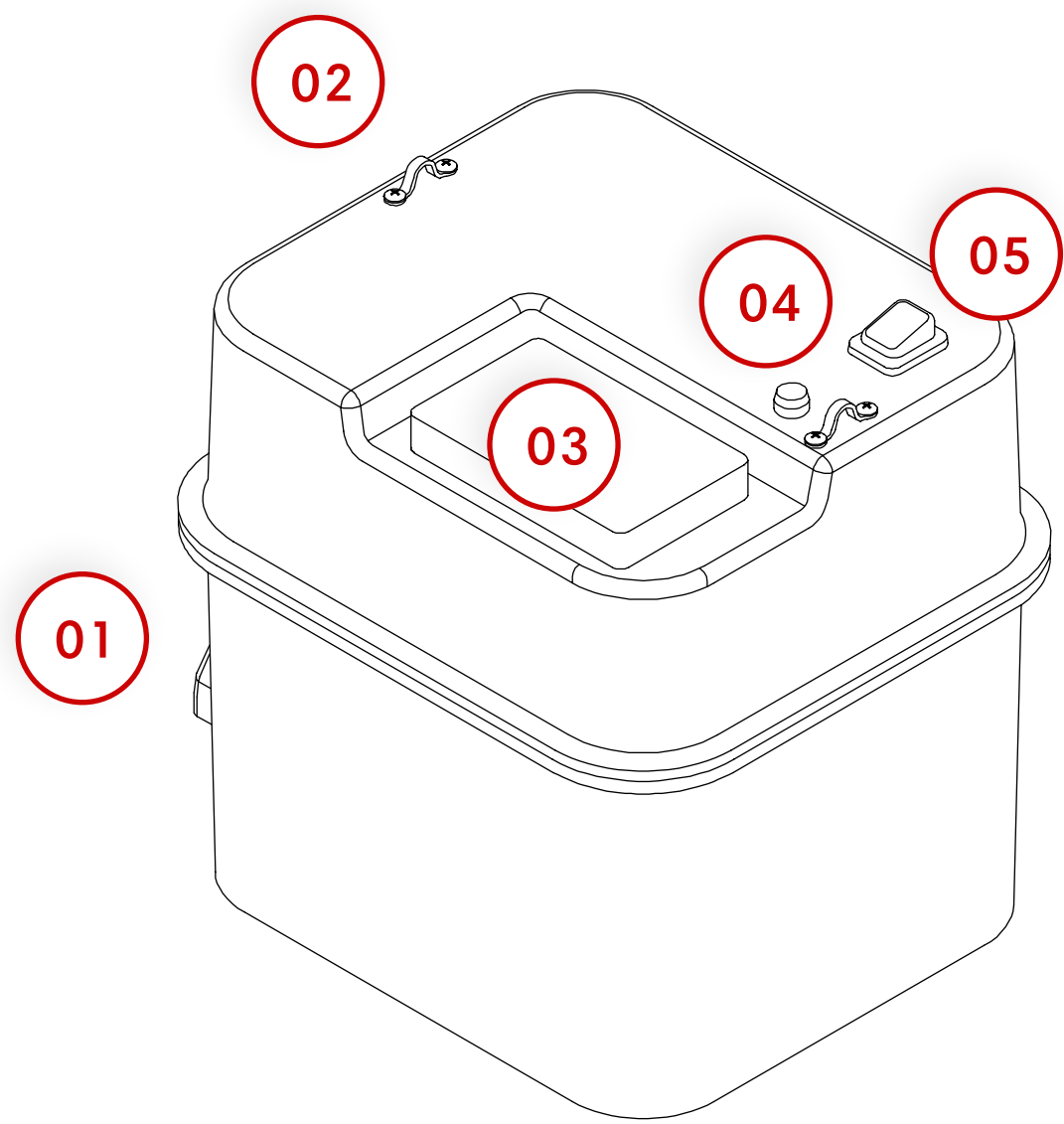


40-25 fitting

PRESSURE	*250 mbar min (3.6 psi) 600 mbar max (8.7 psi)	VOLTAGE	120V / 230V
MAX. AIR FLOW	2000 l/m	MAX. CURRENT	18 A / 9 A
MAX. POWER	1800 W	WEIGHT	6,5 kg

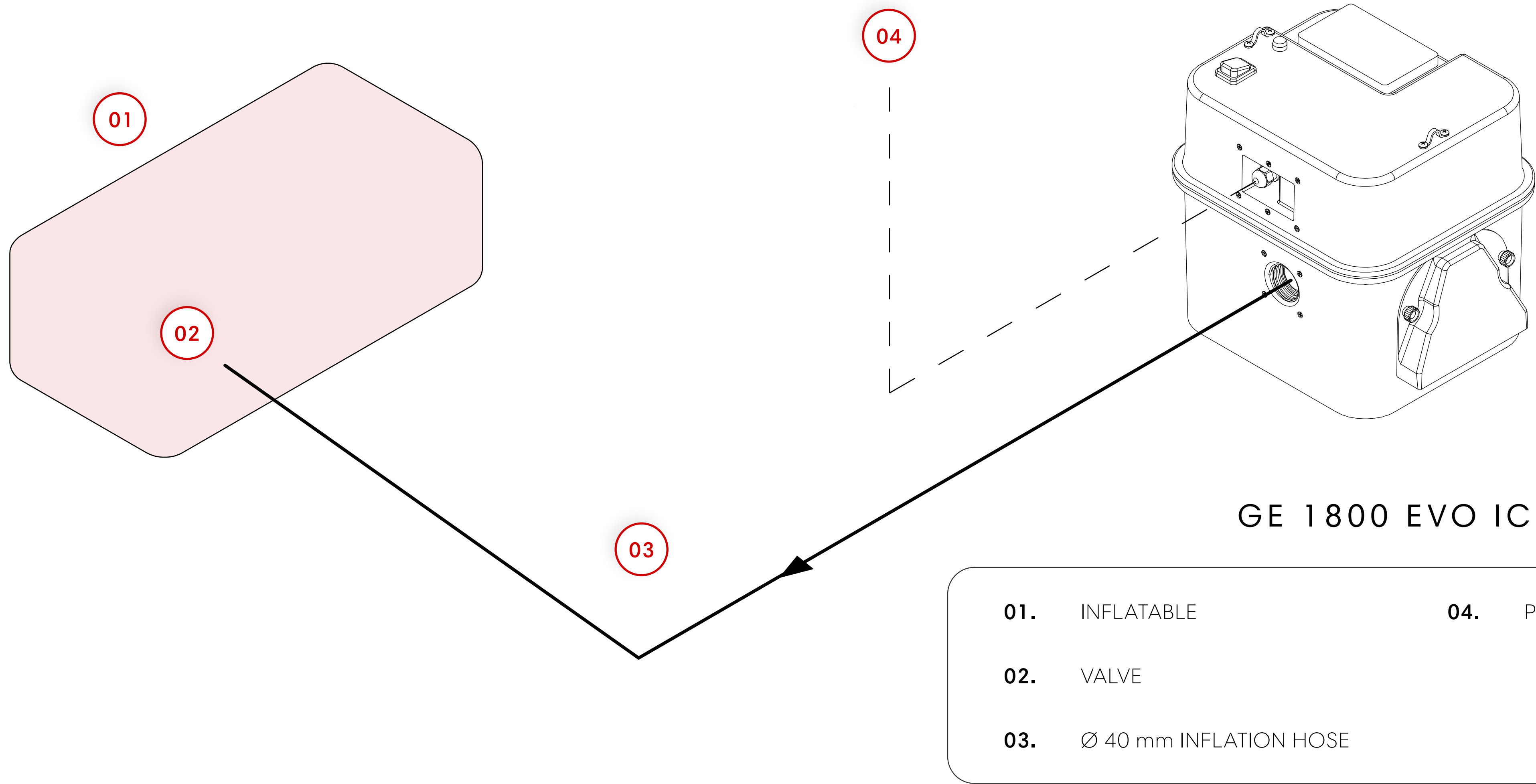
FUNCTIONAL DESCRIPTION

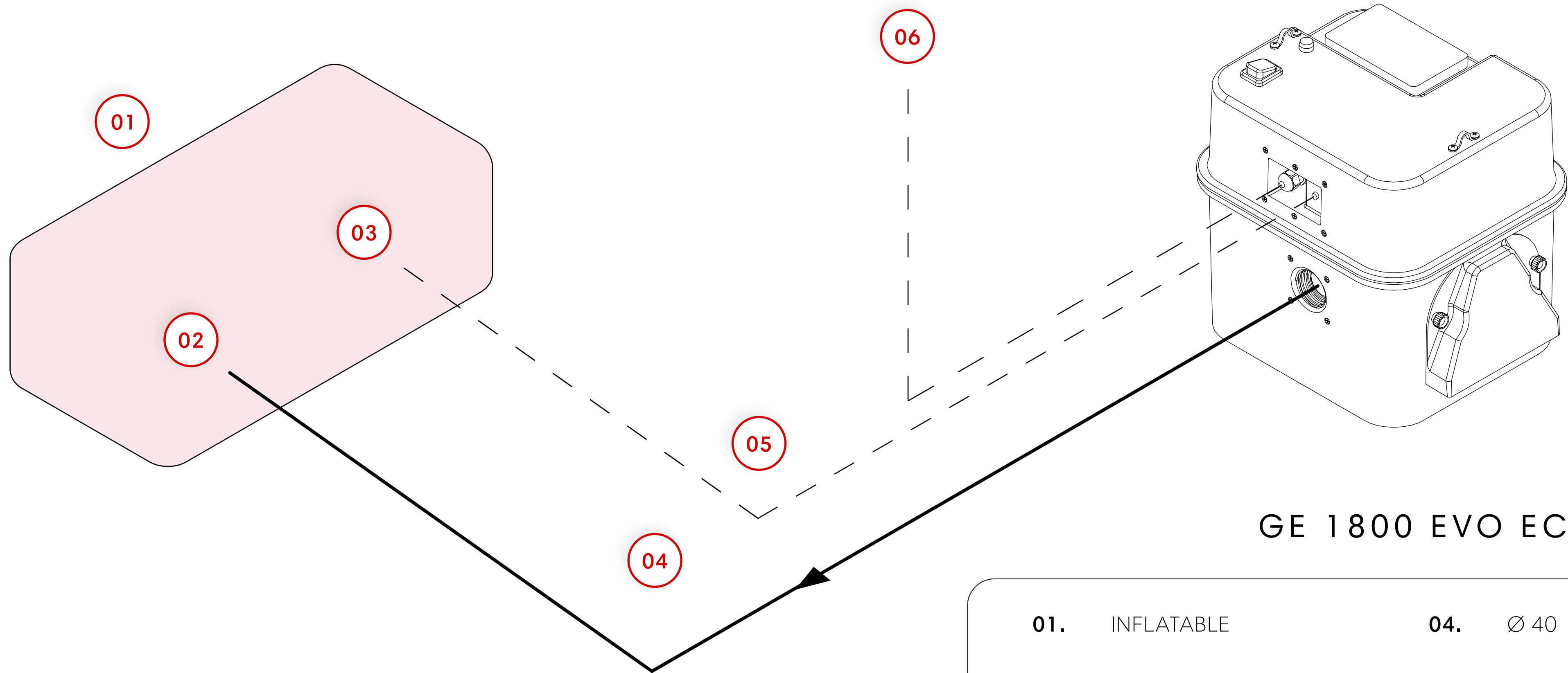
GE 1800 EVO IC: GE7S0012 / GE7S0015 (120V) GE7S0006 (230V)
GE 1800 EVO EC: GE7S0018(120V) GE7S0017 (230V)



- | | | | | | |
|-----|----------------------|-----|--------------------|-----|------------------|
| 01. | DEFLATION PORT | 04. | FUSE | 07. | INFLATION PORT |
| 02. | SHOULDER STRAP HOOKS | 05. | ON/OFF | 08. | PROTECTION COVER |
| 03. | CONTROL DISPLAY | 06. | POWER SOCKET CABLE | | |

- GE 1800 EVO EC (EXTERNAL CONTROL):**
08. CABLE CONNECTION FOR PRESSURE CONTROL





GE 1800 EVO EC

- | | | | |
|-----|---------------|-----|------------------------|
| 01. | INFLATABLE | 04. | Ø 40 mm INFLATION HOSE |
| 02. | VALVE | 05. | PRESSRE CONTROL CABLE |
| 03. | HOSE FITTINGS | 06. | POWER SOCKET CABLE |

TO USE

Connect one end of the hose to the inflation port, and the other end to the valve of the inflatable.

Having made the connections, connect the inflator to the power supply and press the ON/OFF button.

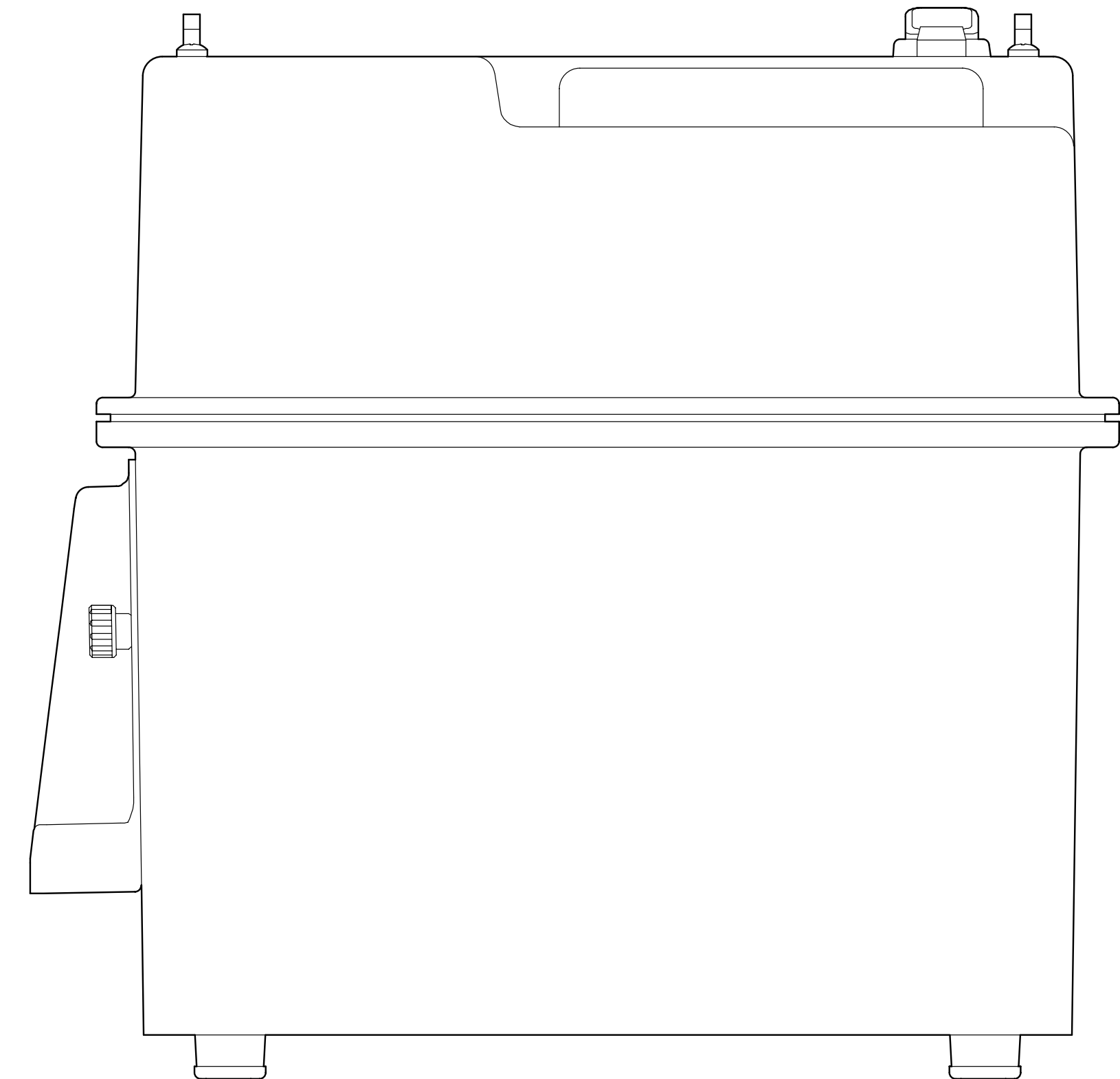
N.B. Check that the inflation hose is always connected to the inflator and the structure during inflation.

N.B. If the power cord is damaged, it should be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

N.B. Automatic pressure control (A.R.S.) in GE 1800 EVO IC versions is carried out directly from the inflation hose.

N.B. The automatic pressure control (A.R.S.) in GE 1800 EVO EC versions is carried out by the pressure control hose connected directly to the inflator.

N.B. Active Refill: automatic air refill for maintaining pressure inside the inflatable.



TO INFLATE

When the green light on the ON/OFF button is lit, the display will show the pressure that the inflatable should reach.

N.B. The minimum pressure that can be set is 250 mbar (GE 1800 EVO IC).*

Now press the AUTO CYCLE button (the LEDs will light up), and after two seconds the GE 1800 EVO will begin to inflate.

CHANGE THE OPERATING PRESSURE:

Press the MODE button to select the unit of measure (mbar/psi/kPa/bar), then use the SET-/SET+ buttons to change the pressure value on the display.

After 2 seconds, the display stops flashing and the pressure is stored in memory. The pressure can be changed between 0 and 600 mbar.

CHANGE THE FILLING PRESSURE:

Pressing the MIN button will cause the display to start flashing and the filling pressure can be changed using the SET-/SET+ buttons.

After two seconds the display will stop flashing and the tolerance pressure is stored. There is a possibility to adjust the filling pressure up to 30 mbar from the operating pressure.

EXAMPLE:

If an inflation pressure of 250 mbar is desired and the value to recharge is set to 50 mbar, when the pressure in the inflatable structure has reached 200 mbar the GE 1800 EVO will turn back on and the A.R.S. system will bring the pressure in the inflatable up to 250 mbar.



FOR MODIFICATION OF DISCHARGE PRESSURE:

Press the MAX button for 3 seconds, the display will start flashing. Use the SET-/SET+ buttons to change the value. After two seconds, the display will stop flashing and the value will be stored. There is an option to adjust the discharge pressure from 30 to 70 mbar relative to the operating pressure.

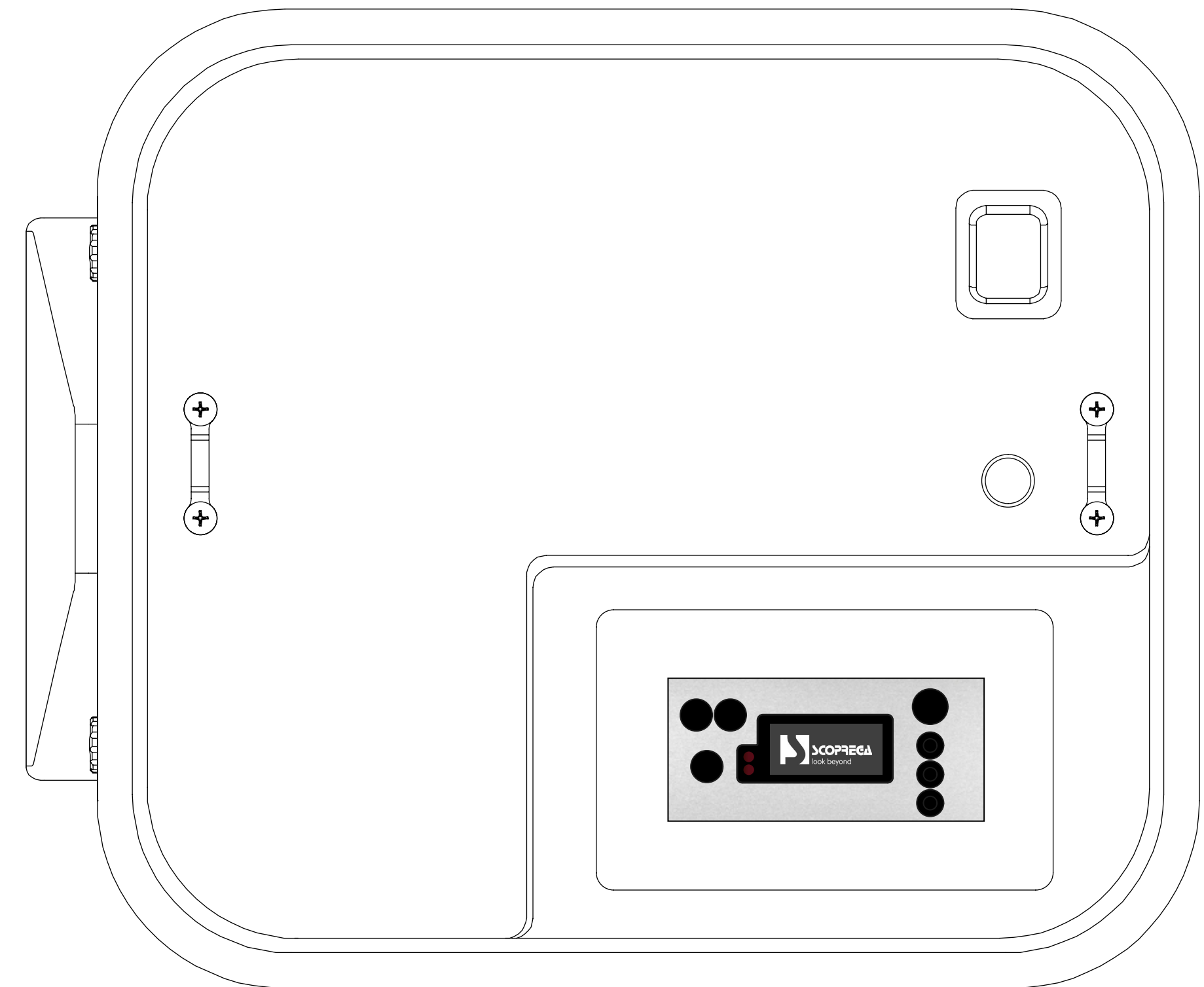
EXAMPLE:

If an inflation pressure of 250 mbar is desired and the discharge value is set to 50 mbar, when the structure reaches 300 mbar, the ARS system will open the discharge valve until it has reached 250 mbar.

After the changes are made, press AUTO CYCLE. The two LEDs will turn on after two seconds and the red LED will turn off; The green LED will signal that the GE 1800 EVO will begin to inflate/discharge and recharge automatically.

With the automatic cycle activated (A.R.S. - LEDs on), the unit will automatically check the pressure of the inflatable structure.

N.B. In case of power failure during operation, the inflator is NOT able to keep the working settings stored. When power is restored, it is NECESSARY to restart and reset the inflator's inflation settings.

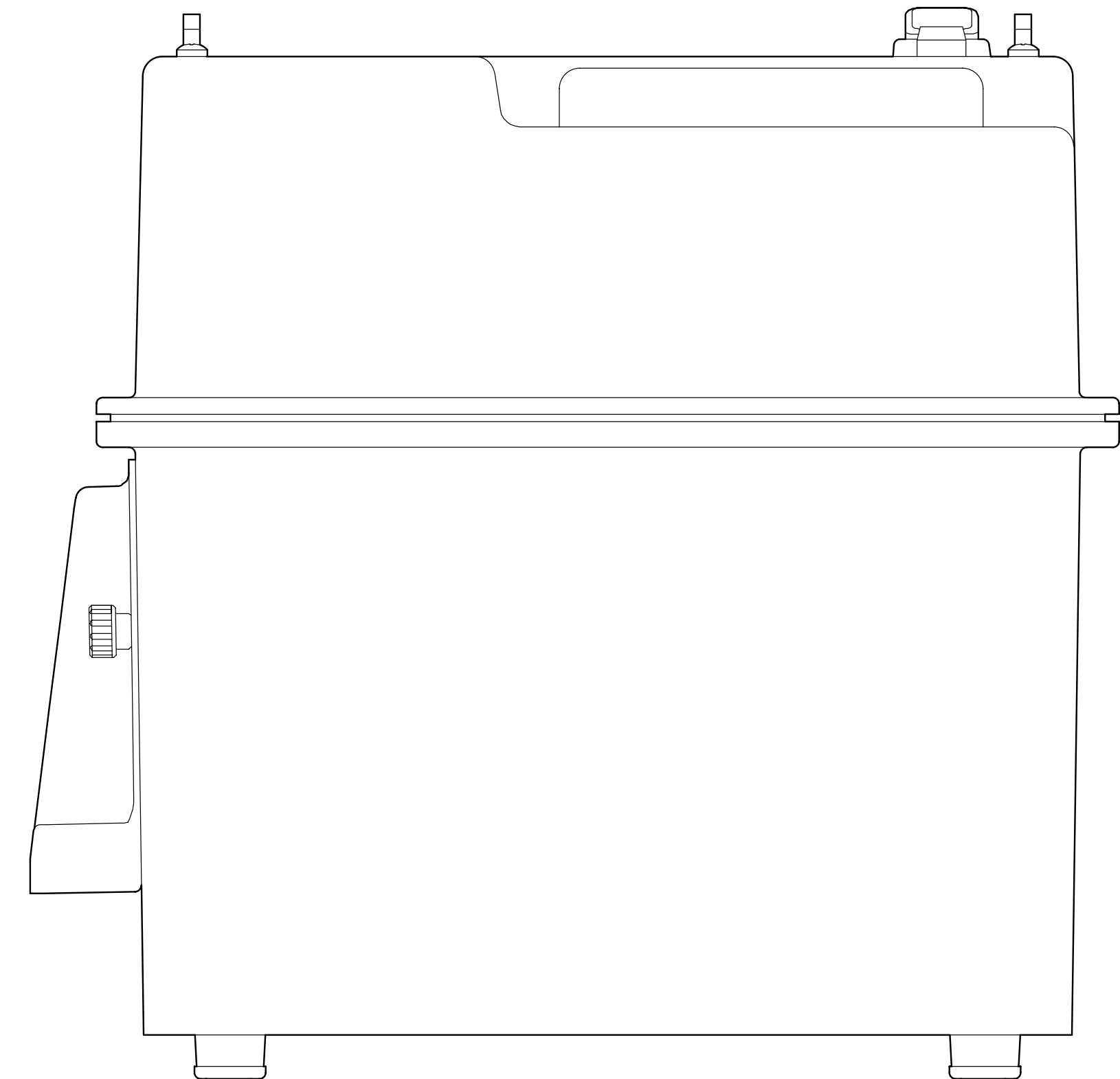


IN CASE OF OVERHEATING

In case the motor reaches or exceeds a temperature of **95 °C** in the upper right corner of the display the **warning icon** (triangle with exclamation mark) will appear. In this case, the inflator continues to work, but if it is stopped, it **must wait for the temperature to drop below 95 °C in order to restart**.

If, on the other hand, **the motor reaches or exceeds a temperature of 100 °C**, the inflator will stop automatically.

N.B. The inflator will restart only after the motors temperature has dropped below **95°C**.



CHANGE FILLING AND DISCHARGE TIMES

CHANGE FILLING TIME:

Pressing the MIN button for 3 seconds can manage the duration of the filling time. The display will show the filling time setting.

Use the SET-/SET+ buttons to change the value.

The value viene stored as soon as it is changed, and if no button is pressed for 3 seconds, the display returns to the home screen.

CHANGE DISCHARGE TIME:

Pressing the MAX button for 3 seconds can manage the duration of excess air discharge (pressure). The display will show the exhaust time setting.

Use the SET-/SET+ buttons to change the value.

The value viene memorized as soon as it is changed, and if no button is pressed for 3 seconds, the display returns to the home screen.

N.B. The inflator will perform all necessary operations independently until the operating pressure is reached.



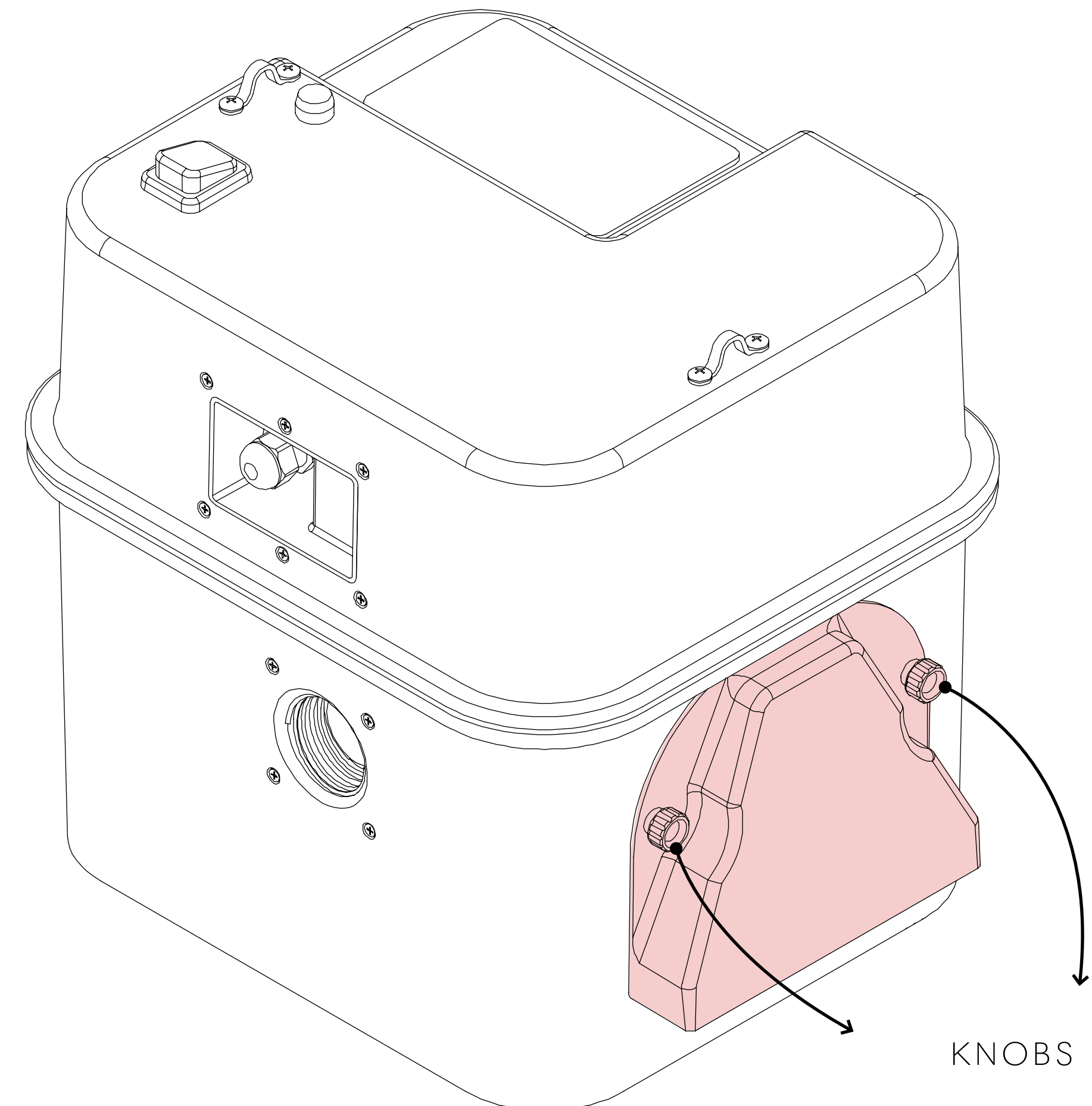
TO DEFLATE

Remove the cover in front of the deflation port by unscrewing the appropriate knobs (Fig right).

Then connect the hose to the deflation port, and then to the valve of the inflatable unit. It is important to choose the proper fitting for the valve and check for air leaks.

Turn on the inflator by selecting ON on the main switch, then press the AUTO CYCLE button on the display. Turn off the inflator once deflation is complete by turning the main switch to OFF.

N.B. The inflator does not stop automatically.



CLEANING AND MAINTENANCE

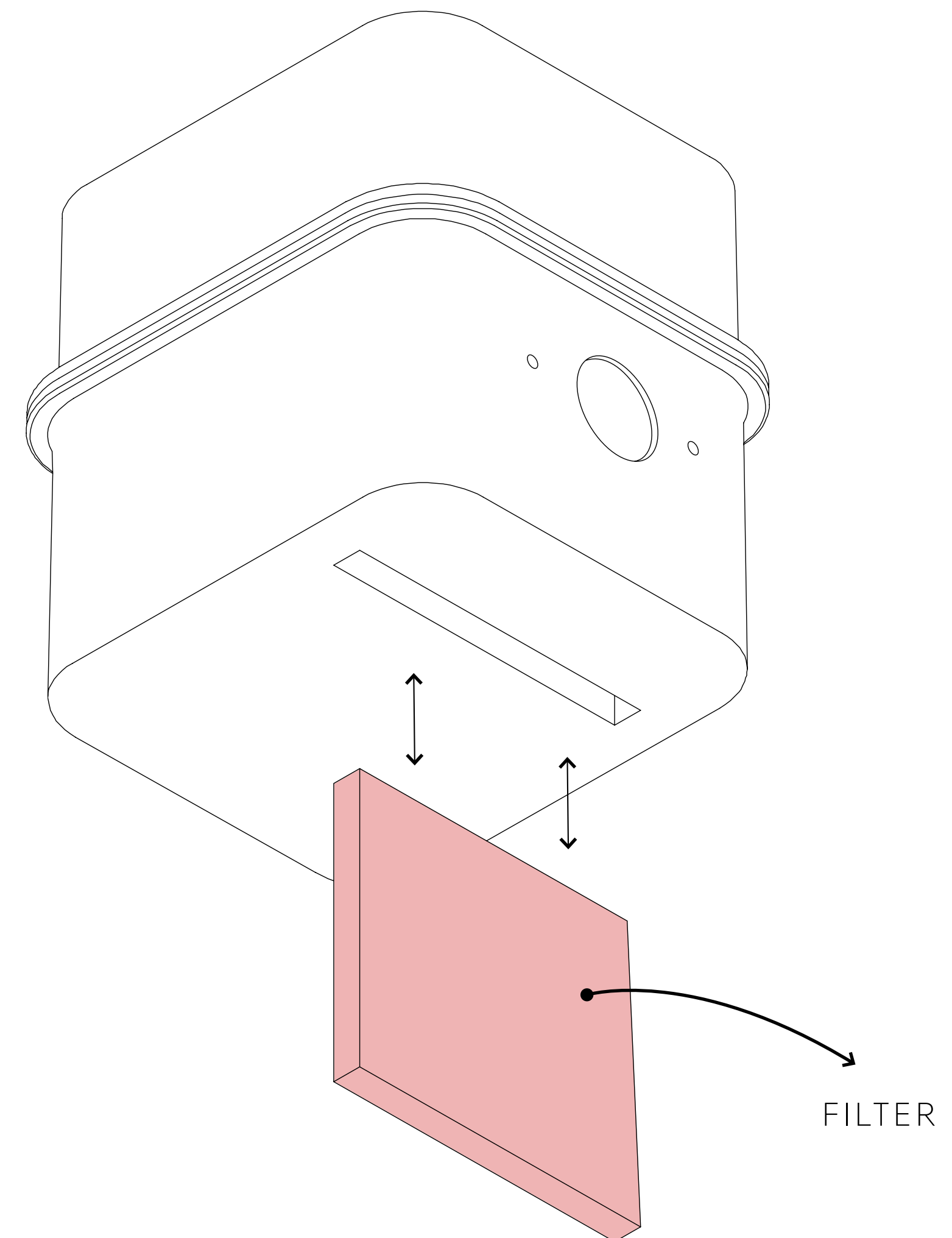
The inflator has a filter compartment located at the bottom of the inflator. It is recommended to keep it clean for longer life and efficiency of the inflator.

N.B. An annual inspection or every 1000 hours of use is recommended.

To clean or change the filter, unscrew the two screws that attach it to the frame and remove the filter.

N.B. It is recommended to clean it with compressed air.

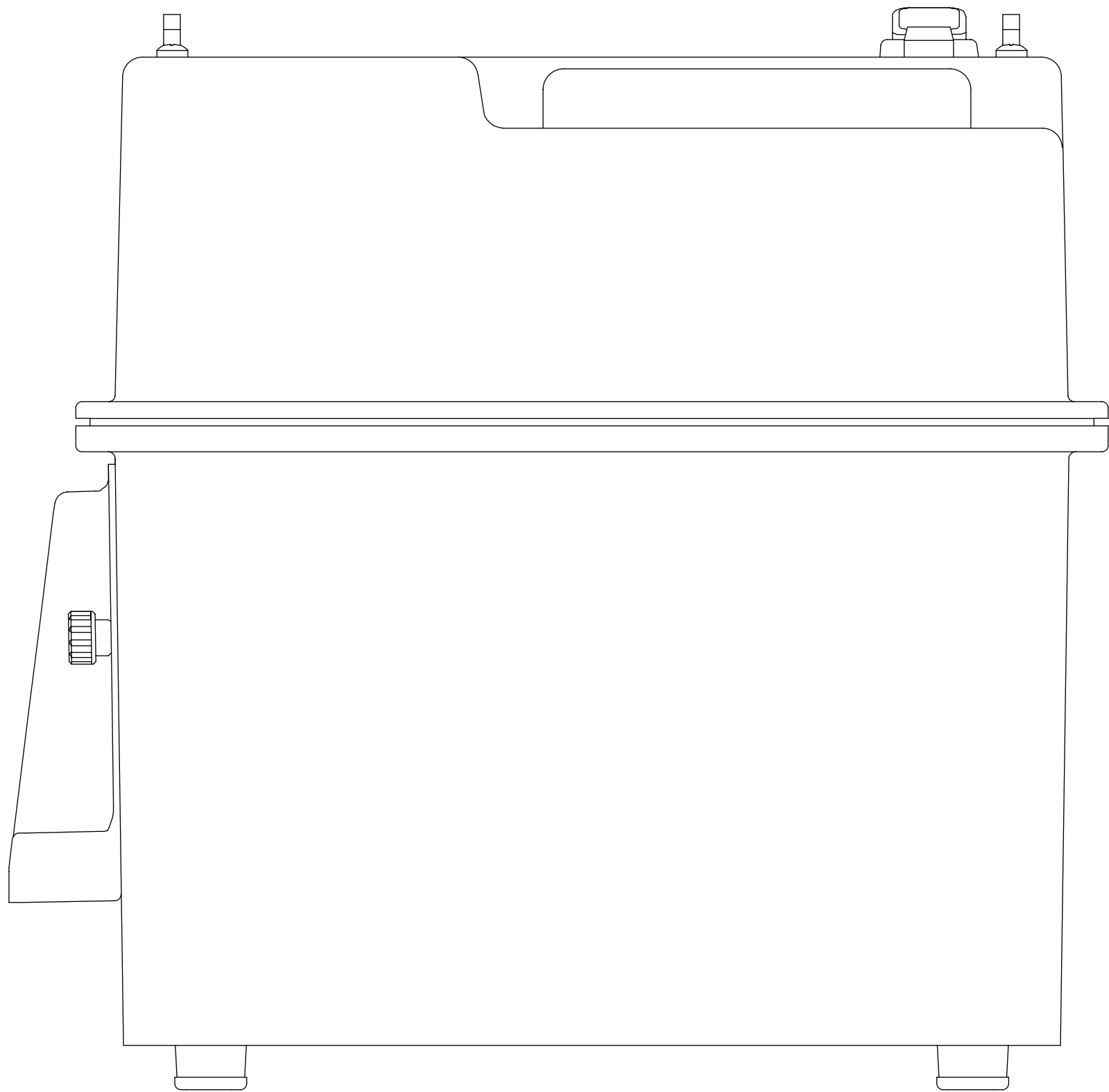
Once the cleaning or replacement operations are completed, insert the filter into the filter compartment and secure it with the fixing screws.





SOLUTION GUIDE

The inflator does not start	Power supply not connected	Connect the power supply
	The ON button was not pressed	Press the ON button
	The product is damaged	Contact the SCOPREGA service centre
The inflator does not inflate/deflate	Power supply not connected	Connect the power supply
	Incorrect connection of the hose	Connect the tube to the correct port
	Incorrect setting pressure	Change the pressure setting



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