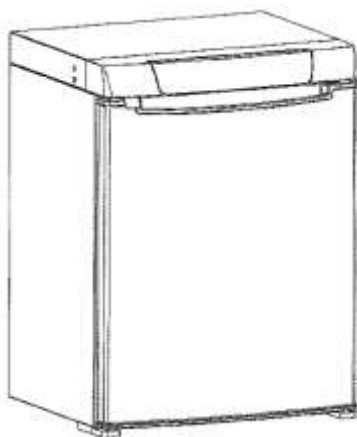


**Model no. FA-43G, FA-62G**  
**Art. 413880, 424751, 424752**  
**3-way absorption refrigerator**  
**Gas - AC 230~240V - DC 12V**  
**Instructions for use**



2531

P.I.N Code: 2531DL-0091

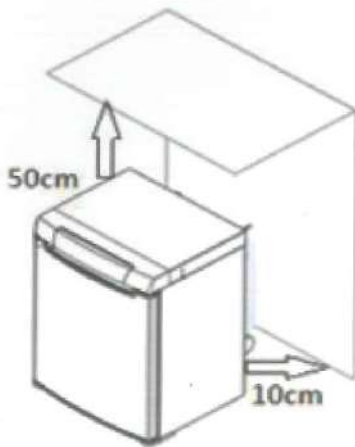
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Important: Please read these instructions before using this refrigerator. Keep these instructions for future reference.

Note:

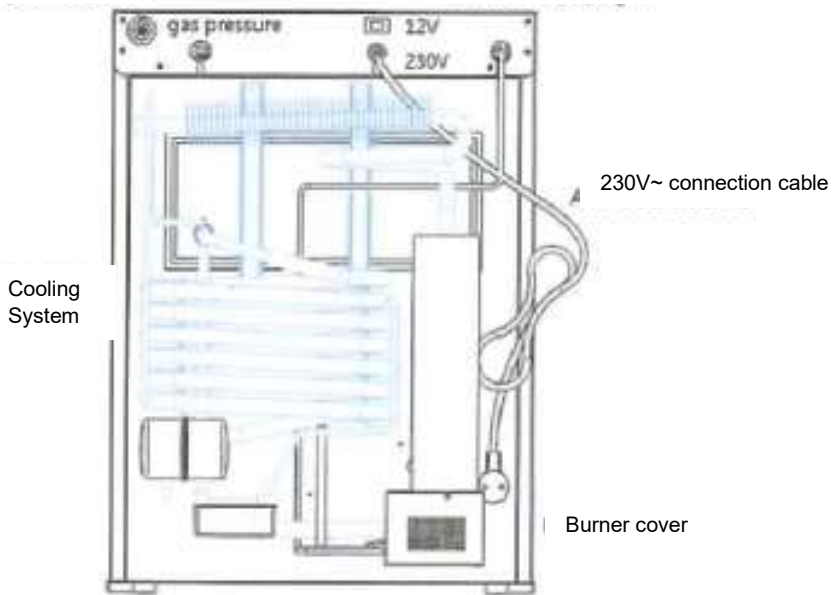
This refrigerator has been designed and manufactured for outdoor use. Therefore, use it with good ventilation and in an easily accessible, level area. Keep it away from hazardous areas and fire.





Gas

12V connection



Model FA-43G or 62G

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## 1. Explanation of the symbols



### **DANGER!**

Safety instruction: Failure to observe this instruction will result in death or serious injury.



### **WARNING!**

Safety instruction: Failure to observe this instruction will result in death or serious injury.



### **CAUTION!**

Safety instruction: Failure to observe this instruction may result in injury.



### **NOTE!**

Safety note: Failure to observe this note can lead to material damage and impair the function of the product.



### **NOTE**

Additional information on operating the product

## 2. safety instructions

### 2.1 General safety instructions



- Do not operate the product if it is visibly damaged.
- If the power cord of this product is damaged, it must be replaced by the manufacturer, customer service or a similarly qualified person to avoid safety hazards.
- This product should only be repaired by qualified personnel. Improper repairs may result in serious hazards.
- This appliance is not intended for use by children or persons with reduced physical, sensory or mental capabilities, or lack of experience and/or knowledge, unless they have been given supervision or instruction concerning the safe use of the product and understand the hazards involved.
- Do not allow children to clean or service the product without supervision.
- Do not allow children to play with the product.

- Children must be supervised to ensure that they do not play with the product.
- Keep the appliance out of the reach of children under the age of 8.
- Do not store explosive materials, such as aerosols with flammable propellants, inside the product.
- Keep the ventilation openings in/on the housing of the product or in the built-in structure free of obstructions.
- Do not use mechanical devices or other means to speed up the defrosting process that are not recommended by the manufacturer.
- Do not use any electrical devices in the food storage compartments of the appliance.
- When positioning the fridge, ensure that the power cord is not pinched or damaged.
- Do not attach multiple sockets or portable power supplies to the back of the fridge.
- Do not damage the cooling circuit.



**Caution!**

- Disconnect the power supply:
  - Before any cleaning and maintenance
  - After each use
- Food, drinks and medicines should only be stored in the fridge in their original packaging or in suitable containers.
- Store raw meat and fish in suitable containers before placing them in the fridge.



### **Please note!**

- Check that the voltage specified on the type plate matches that of the power supply.
- Connect the unit only as follows
  - With a DC cable to a DC socket in the vehicle (e.g. cigarette lighter).
  - Or with an AC power cable to an AC power socket.
- Never use the cable to pull the plug out of the socket.
- If the cooler is connected to a DC socket Disconnect the appliance and other power consuming equipment from the battery before connecting a fast charger.
- If the unit is connected to a DC socket Unplug the unit or switch it off when switching off the engine. Otherwise the battery may be discharged.
- The cooling unit is not suitable for transporting corrosive or solvent-containing substances.
- The cooling unit contains flammable cyclopentane in the insulation. The gases in the insulation material require special disposal measures. At the end of its life cycle, the unit should be taken to a suitable recycling facility.

## 2.2 Safe operation of the appliance



### **Caution!**

- Before using the appliance, make sure that the mains cable and plug are dry.

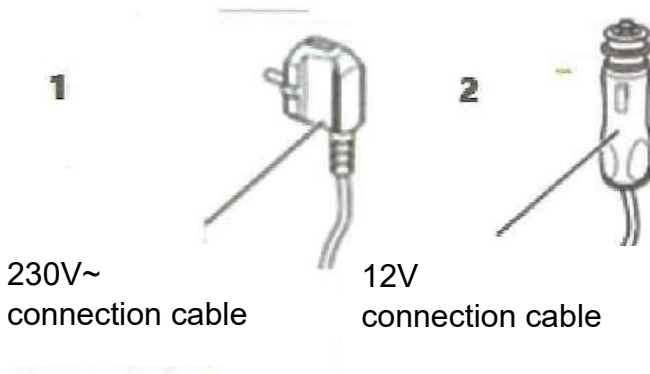


### **Please note!**

- Do not use electrical appliances in the unit unless recommended by the manufacturer.
- Do not place the appliance near naked flames or other sources of heat (radiators, direct sunlight, gas stoves, etc.).
- There is a risk of overheating!
- Always provide adequate ventilation to prevent heat build-up during operation.

- Ensure that the unit is placed far enough away from walls and other objects to allow air circulation.
- Ensure that the ventilation openings are not covered.
- Do not fill the inner compartment with ice or liquids.
- Do not immerse the unit in water.
- Protect the unit and cables from heat and moisture..

### 3. scope of delivery



230V~  
connection cable

12V  
connection cable

|     |         |                        |     |         |                       |
|-----|---------|------------------------|-----|---------|-----------------------|
| No. | 11 pcs. | 230V~ connection cable | No. | 21 pcs. | 12 V connection cable |
|     | 1 pc.   | spanner                |     |         |                       |
|     | 1 pc.   | operating instructions |     |         |                       |



## 4. intended use

Main switch on the control panel



The refrigerator is suitable for domestic use (mains supply), for use on a 12 V vehicle socket (e.g. cigarette lighter), on a boat or in a caravan, or for use with a gas cylinder. Before deciding which option to use and putting the refrigerator into operation, please read the instructions for preparing the power supply and switching off the appliance.



### **CAUTION! Health hazard!**

Check that the refrigeration capacity of the appliance is appropriate for the food, drink or medicine to be cooled.

## 5.functional description

The refrigerator can cool products and keep them cool. A maintenance-free refrigerant provides the cooling function. The extra thick insulation and the powerful system ensure particularly ideal cooling. The refrigerator is portable or built-in with absorption cooling systems.

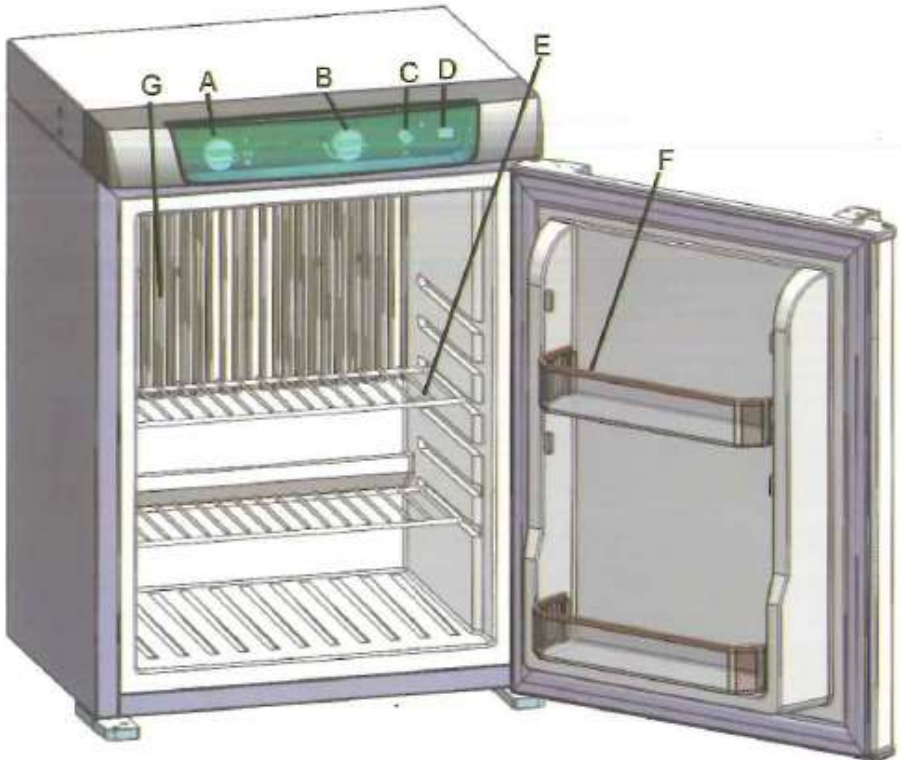
### 5.1 Range of functions

- Use the main power switch to select the AC, DC or GAS function.
- Then set the AC thermostat next to the main switch and MAX is the maximum cooling capacity. If you are storing wine or a lower temperature is required, simply turn to MIN to set the desired temperature.

## 5.2 Operating and display elements

### Article description

- A Main switch
- B Thermostat for alternating current operation
- C Gas ignition (main switch on GAS)
- D Gas indicator (function when the pin is green)
- E Removable partition x 2
- F Door shelf x 2
- G Evaporator cooling element



## 6. operation

### 6.1 Before initial commissioning



**NOTE**

For hygienic reasons, you should clean the inside and outside of your new refrigerator with a damp cloth before using it for the first time (see also "Cleaning and maintenance" on page 19).



**NOTICE! Danger of overheating!**

Always ensure adequate ventilation to dissipate the heat generated during operation. Make sure that the ventilation slots are not covered. Ensure that the unit is positioned far enough away from walls and other objects to allow air circulation.



- Place the cooler on a stable and solid base.
- Make sure that the ventilation slots are not covered and that the heated air can flow out.

**If you operate the fridge in any other position, it may be damaged.**



**NOTE**

If the door is left open for a long time, the temperature in the refrigerator compartment can rise considerably.



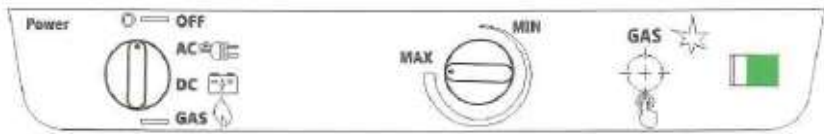
**NOTICE! Danger if the temperature is too low!**

Ensure that only items that are to be cooled at the selected temperature are placed in the refrigerator.

### 6.2 Energy-saving tips.

- Choose a well-ventilated location away from direct sunlight.
- Allow hot food or drink to cool before placing it in the fridge to keep it cool.
- Do not open the refrigerator more often than necessary.
- Do not leave the refrigerator open for longer than necessary.
- Defrost the refrigerator as soon as a layer of ice has formed.
- Avoid using at unnecessarily low temperatures.

### 6.3 Use of the refrigerator



- ▶▶ **The Main switch (rotary knob)**  
on the left-hand side of the control panel is in the OFF position when the unit is unpacked.



#### Connection to 230V~ mains

#### **⚠Danger!**

- Never touch the plugs and switches with wet hands or when standing on a wet surface.
  - The refrigerator must only be operated with the voltage indicated on the label.
- 
- Connect the 230V~ connection cable to the AC power supply.
  - Turn the thermostat counter-clockwise from the MAX position to the MIN position.
  - To set the temperature: turn the thermostat clockwise to the desired position.



After about 2 hours of operation, you will notice a significant drop in temperature. If the temperature in the refrigerator is too low, you can set the temperature from MAX to half of MIN to prevent your stored food, fresh vegetables or drinks from freezing.

When not in use, switch off the appliance, unplug the power cord and store the appliance in a suitable location where it will not get wet or dusty.



**NOTE!**

AC thermostat only regulates the temperature in AC mode  
Please check the voltage for the AC connection

►► **Connection to a 12V battery (vehicle or boat)**



Turn the power selector to DC, which is the battery symbol.

Then insert the plug of the DC cigarette lighter cable into the appropriate socket on your boat, motorhome, caravan or car (do not connect the 230V~ power cable from the fridge when using the DC function).

The cigarette lighter socket is fitted with a fuse to prevent overloading the battery. Always check that the cable and battery are connected correctly. The rated power is also shown on the label on the back next to the DC connector.

When you are not using the fridge, switch it off to avoid draining the battery or stopping the engine.

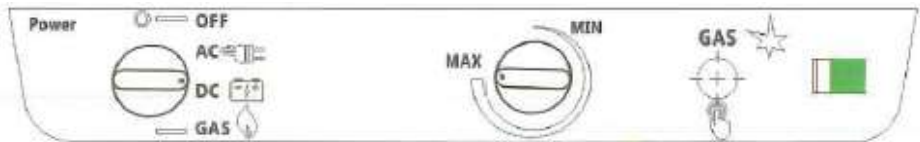
The fridge does not have a DC thermostat. Therefore, you should not use the refrigerator in extremely low ambient temperatures to avoid freezing or damaging food, fresh vegetables, fruit or drinks.



**NOTE!**

To switch off the DC, simply switch off the unit and then switch off the power supply. Then remove the plug from the socket to completely disconnect the power supply.

Disconnect the fridge and other loads from the battery before connecting the battery to a fast charger. Overvoltage can damage the electronics of the device.



- Plug the 12V connection cable into the DC socket on the fridge.
- Turn the power switch to the DC battery symbol position.
- The fridge starts to cool the interior.



▶▶ Connection to the gas supply



The refrigerator must be correctly connected by a professional.

The appliance can be operated with gas cylinders of 4.5 to 15 kg for butane gas and 3.9 to 13 kg for propane gas.

Only use propane or butane gas cylinders (not natural gas or town gas) with an approved pressure reducer and suitable connection head. Ensure that the gas pressure is correctly set on the regulator.

Only operate the refrigerator at the pressure specified on the type plate.

Always operate the refrigerator on gas in a well-ventilated area or outdoors.

Prevent rain or water from entering the refrigerator as it works with the burner system at the back of the refrigerator.

Do not use the gas-powered refrigerator in an underground or enclosed space.

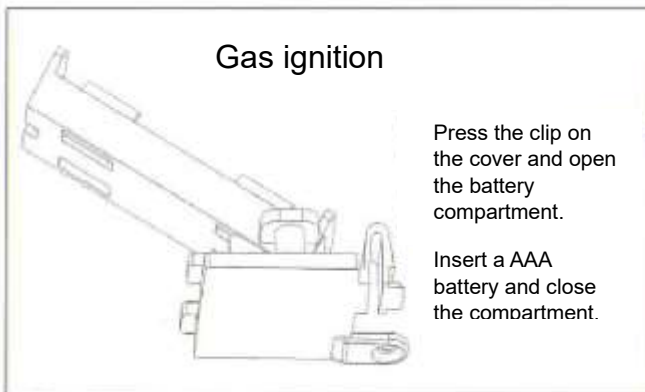
Do not operate the gas refrigerator in direct sunlight.

### ►► **Inserting the gas ignition battery (replacing the battery)**

Insert the AAA (3A) battery into the battery compartment at the base of the control panel bar.

**Without the battery, the gas ignition would not work!**

Do not connect any other power source (AC or DC) while the unit is running on gas.



Replace battery



If the ignition sound is very weak or there is no sound or spark at all, the battery is probably flat or disconnected. Please fit a new battery.

### **Connecting the gas**

Connect the refrigerator to the pressure regulator using an APPROVED FLEXIBLE GAS HOSE. This must not exceed 1 metre in length and should be a flexible gas hose with an internal diameter of 8 mm. The hose must not be twisted!

Ensure that the hose is not blocked, kinked or in contact with any part of the refrigerator other than the connector.

The pressure regulator must be suitable for butane (28 mbar) or propane (37 mbar). Use a suitable regulator certified according to EN 16129: 2013.

To connect the pressure regulator to the gas cylinder, the cylinder valve must be closed.

Connect the pressure reducer to the cylinder by screwing it on.

Gas cylinder → Pressure reducer → Refrigerator



(Pressure reducer and hose are not included in the scope of delivery)

- Turn the main switch to gas and press the ignition button.
- The first time and with a brand new fridge, you will need to press the button for a while, about 30-40 seconds.
- The ignition time will then be reduced to 7-8 seconds by pressing the button from time to time.



## SWITCH ON

Switch on your gas regulator or open the valve on the gas cylinder and follow the 3 steps below.

The first time you switch on the gas supply, you must press for a long time to release the air from the regulator hose. You will then be able to light the gas in a short time.

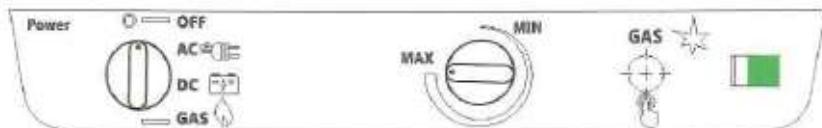
- 1. switch to the throttle position**
- 2. press the gas ignition button and hear the spark**
- 3. wait until you see the gas indicator light glow green.**

If necessary, you can observe the flame at the combustion system vent on the underside of the back of the refrigerator.

**SWITCH OFF - Refer to the bottom control panel to switch OFF the power.**

Turn off the main switch and the flame will go out.

Disconnect the gas supply by turning off the gas regulator on your gas tank or closing the valve.



## 6.4 Switching off the refrigerator

- Empty the fridge
- Switch off the refrigerator's power supply
- Disconnect the connection cable or power supply, including gas.

If you do not want to use the refrigerator for a longer period of time:

- Leave the door slightly open. This prevents odours from forming.

## 6.5 Defrosting the refrigerator

Moisture can cause frost to form inside the cooling unit or on the surface of the evaporator. This will reduce the cooling capacity. To prevent frost formation, defrost the unit from time to time..



### **NOTICE! Risk of damage!**

Never use hard or sharp tools to remove ice or loosen frozen objects.

To defrost the refrigerator, do the following:

- Remove all the contents from the cool box and, if necessary, place them in another cooling device to keep them cool.
- If necessary, place it in another cooling device to keep it cool.
- Switch off the cool box.
- Leave the door slightly open and wipe off the defrosted water.

## 6.6 Replacing the fuse of the DC plug (12V)

- Remove the head of the DC cigarette lighter plug.
- Remove the screw from the top half of the housing.
- Gently lift the top half of the housing away from the bottom half.
- Remove the contact pin.
- Replace the blown fuse (with a new one of the same value).
- Refit the plug in reverse order.

## 7. complete shutdown of gas operation



Turn the switch to the OFF 0 position (as shown below) to turn off the gas supply. Remember to close the gas cylinder or gas supply when it is completely shut off.

## 8. Manual defrosting

If you find that too much ice on the evaporator is preventing the fridge from cooling down, remove all food and drink from the fridge.

Turn off the refrigerator and allow the ice to melt. After defrosting, wipe the fridge with a clean cloth and dry it. To prolong the life of your refrigerator, switch it off when not in use and leave the door open to let fresh air into the compartment.

## 9 Cleaning and maintenance



### **WARNING!**

Always unplug the appliance before cleaning or repairing it.



### **NOTE! Risk of damage**

- Never clean the condenser under running water or in a dishwasher.
- Do not use abrasive cleaners or hard objects as they may damage the cooler.
- 
- Clean the inside and outside of the unit regularly with a damp cloth.
- Make sure that the air inlets and outlets on the unit are free of dust and dirt so that the heat can dissipate and the unit is not damaged..



### **NOTE!**

Regularly clean surfaces that may come into contact with food to maintain hygiene.

**NOTE!**

If the appliance is not to be used for a long period, switch it off, defrost, clean and dry it, and leave the door open to prevent the formation of mould in or on the appliance..

**10. guarantee**

The statutory warranty period applies. If the product is defective, please contact your nearest customer service centre. The warranty does not cover damage caused by improper use.

The warranty does not cover any modifications made to the unit or the use of non-original spare parts supplied by the manufacturer.

For repair and warranty processing, please enclose the following documents when sending in the unit.

- A copy of the receipt with the date of purchase.
- A reason for the complaint or a description of the fault.

## 11. troubleshooting.

| <b>Error</b>  | <b>Possible cause</b>                 | <b>Proposed remedy</b>   |
|---|---------------------------------------|--|
| Device has no function  | No voltage (12V or 230V~) is present. | Please check whether the power supply is switched on. Try a different socket if necessary. |
|   | No voltage at the 12V input           | Check the fuse in the cigarette lighter plug and replace it if necessary.                  |
|   | The 230V~ cable is defective.         | Check the cable and contact a service centre for repair if necessary.                      |
| Fridge does not cool  | Refrigerator not connected.           | Check that the connection cables are connected correctly.                                  |
|   | Cooling unit defective                | Please contact a service centre for repair if necessary.                                   |
| Ignition is pressed in gas mode, but the flame does not ignite. | No gas.                               | Please check the gas supply. All valves open and gas available.                            |
|   | Battery for ignition empty.           | Please check the battery and replace it if necessary.                                      |
|   | Fridge defective.                     | Please contact a service centre for repair if necessary.                                   |

## 12. disposal

If possible, dispose of the packaging material in the designated waste containers.



If you wish to dispose of this product, please contact your local recycling centre or dealer for details.



**NOTE**

If the ambient temperature is above +32°C, the minimum temperature cannot be reached.

## 13 Technical data

| Type                     | FA-43G   |  | FA-62G                 |
|--------------------------|--|--|------------------------|
| Capacity                 | 43 litres  |  | 61 litres              |
| Climate class            | N, SN  |  |                        |
| Ambient temperature      | +10°C to 32°C  |  |                        |
| Refrigerant ammonia NH3  | 75g  |  |                        |
| Insulation               | Cyclopentane   |  |                        |
| AC supply                | 230V~/50Hz, 80W, 0.4A  |  | 230V~/50Hz, 90W, 0.45A |
| DC supply                | 12V-, 85W, 7.5A  |  | 12V-, 95W, 8.5A        |
| Gas category             | 13+(28~30/37)  | 13B/P (30)   | 13B/P (50)             |
| Gas Type                 | G30 (butane)<br>G31 (propane)  | G30 (butane), G31 (propane)<br>and their mixtures  |                        |
| Gas pressure             | G30(butane)<br>with 28~30 mbar<br>/ G31 (propane)<br>with 37 mbar  | 28-30 mbar   | 50 mbar                |
| Heat output              | 160 W  | 180 W  | 200 W                  |
| Gas consumption          | 12g/h  | 13g/h  | 15g/h                  |
| Countries of destination | BE, FR, IT, LU,<br>IE, GB, GR, PT,<br>ES, CY, CZ,<br>LT, SK, CH, SI,<br>LV   | LU, NL, DK,<br>FI, SE, CY,<br>CZ, EE, LT,<br>MT, SK, SI,<br>BG, IS, NO,<br>TR, HR, RO,<br>IT, HU, LV | DE, AT, CH,<br>LU, SK  |
| Gas cylinders            | Standard gas cylinder. The cylinder must comply with local regulations. Do not store near flammable or explosive products. |  |                        |

|                                     |   |                |
|-------------------------------------|---|----------------|
| Gas hose                            | Certified gas hose in accordance with the applicable EN standard and local regulations (max. 1.5 m), 1.2 m in Finland.<br>It is necessary to change the hose if required by national regulations. |                |
| Pressure reducer                    | Certified regulator to EN 12864 and in accordance with local regulations, pressure see above, flow rate max. 1.5 g/h.   |                |
| This device corresponds to type A11 |   |                |
| Ignition                            | Battery   |                |
| Dimensions (WxDxH)                  | 435x463x597 mm  | 486x506x650 mm |
| Weight                              | 19.5 kg   | 24 kg          |

The CE Declaration of Conformity explaining the safety mark can be viewed at this link: [www.cool-concept.com](http://www.cool-concept.com)

Read the manufacturer's instructions before use.

This appliance must be installed in accordance with the applicable regulations.

This appliance must be installed in accordance with the manufacturer's instructions.

Use only in a well-ventilated area, above ground level and protected from rain.

Compass Yachtzubehör Handels GmbH & Co KG  
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