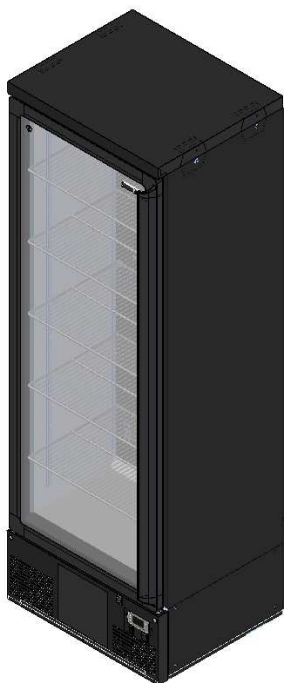


# MG/300 & MG/500

## 000030057



Gebruiksaanwijzing   User Manual   Mode d'emploi   Gebrauchsanweisung



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## Chapter 1 General information

Thank you for purchasing a Gamko product.  
This manual contains your warranty and maintenance instructions.

Always keep this document near your product, so that you can refer to it when needed. Please read this manual thoroughly prior to installation of the product. Non compliance with the user instructions may cause serious damage to the product and will render the warranty invalid. Correct use of the product will prolong its useful life.

All installations have to conform to local governmental and municipal legislation and the machine Directive 2006/42/EC. In case of doubt please contact the Gamko service organization or your supplier. The information contained in this manual can be changed without prior notice.



**CARFUL! – DANGER** – Ignoring this sign and remarks may put you into personal danger.



**CARFUL! – DANGER** – Ignoring this sign and remarks may result in damage to your product.

**HINT!** – Useful hints to make the best use of your product.



## Safety precautions

### Technical safety

- Prior to use check the plug and lead for any damage.
- Hold the plug when removing the plug from the socket.
- Check whether the power supply is suitable for this product.
- Ensure that the product is standing firmly and level.
- Always have repairs carried out by qualified service engineers.
- To avoid damage to the product a damaged plug lead may only be replaced by the manufacturer or a qualified service engineer.

### Refrigerant

This product contains a refrigerant. The quantity used in this product is stated on the type plate.

*-R134a*

- Large quantities of refrigerant can lead to suffocation.
- When exposed to fire the container can burst open or explode.
- Always ensure that there is sufficient ventilation in the room where the appliance is located.
- Refrigerant can cause burns.

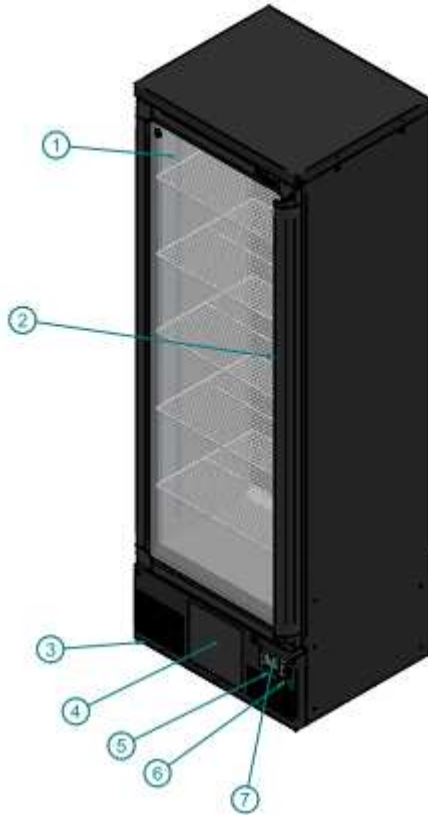
### During operations

- Never open the machine unit.
- Use this product only indoors.
- Only use this product for storing packed beverages.
- Never use the product as a step.
- Never store electrical appliances in the product.
- Always store beverages with a high percentage of alcohol standing upright and tightly closed.
- Ensure that ventilation grilles both in and outside the cabinet remain unobstructed.
- In case of emergency the plug should be removed from the socket.

### After use

- Make sure that the product is stored and disposed off safely.

## Product description



- 1 Type plate (inside)
- 2 Door
- 3 Adjustable feet
- 4 Air inlet (Air outlet through the side and backside of cabinet)
- 5 Light switch
- 6 On/off switch
- 7 Thermostat

## Type plate



- A Type number product
- B Refrigerant type + volume
- C Power consumption
- D Supply
- E Rated current
- F Climate classification
- G Construction year
- H unique registration number



### Climate classification

A refrigerator is produced for optimal performance within certain ambient temperatures. This product is suitable for the following classification: N: from +16°C to +32°C.



### Refrigerant

A Refrigerant like R134a can cause burns or, after exposure to air, lead to suffocation!

## Chapter 2 Installation



**Hint! Never install the refrigerator next to a heat source!**



### Operating principle

A refrigerator works by extracting heat from the space to be refrigerated and to release this in the surrounding area.

For maximum air circulation it is recommended to allow **at least 5 cm space around** the refrigerator. **Be very careful never to obstruct the air inlets and outlets.**

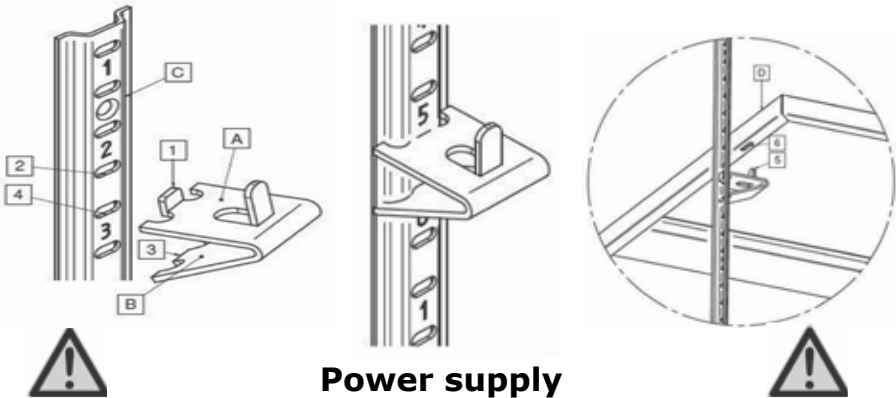
### Installing the product

Place the product on a smooth surface.

- 1** Place the product at his position.
- 2** Make sure the product is standing level using a spirit level.
- 3** The legs are used for product adjustment and leveling.
- 4.** To meet the ECA criteria of the M2 temperature class, the thermostat must set at an set point of;
  - MG/300: 3,5°C
  - MG/500: 5,0°C

## Fitting storage racks

- 1 Hook pin (1) in openings (2) of rails (C).
- 2 Push bottom part (B) towards side (A).
- 3 This causes pin (3) to slot into the next opening (4) in the rails.
- 4 Fit the other pins at the same height.
- 5 Place the storage rack (D) sliding the pins (5) in the openings (6)



- If this device cable is damaged it must be replaced with an original cable supplied by the producer.
- In case of emergency: remove the plug lead from the socket.
- The socket should be within easy reach of the cabinet.
- Check for the correct power supply, referred to the information on the type plate.
- Ensure that the plug lead cannot be trapped or snagged.
- If necessary the plug lead can be extended by a qualified electrician.
- We do not recommend the use of an extension lead.

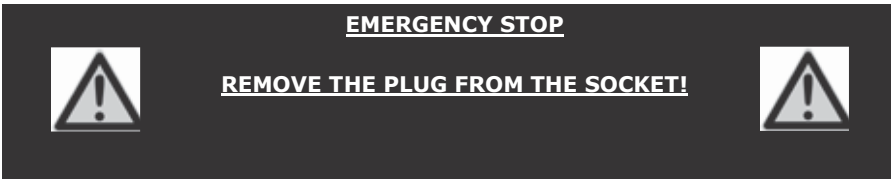
**Fluctuations in the power supply can cause damage, which causes the cabinet to switch off. Gamko cannot be held responsible for any consequential damage.**



## Chapter 3 Using the appliance

### Prior to use

- Clean the cabinet prior to use. For further details we refer to chapter maintenance.
- Leave the installation to stand for at least 2 hours before switching on the cabinet.
- Plug into a grounded power socket.



MG/300 & MG/500 plug ready models have an electronic thermostat.

### Thermostat

#### Using the thermostat

For use and settings of the thermostat, please refer to the manual supplied with this product.

#### **XR02CX**

To see the set point.

1. Push and immediately release the **SET** key, the set point will be showed;
2. Push and immediately release the **SET** key or wait about 5 sec to return to normal visualisation;

To change the set point.

1. Push the **SET** key for more than 3 sec, the value will be displayed and the °C LED starts blinking;
2. To change the set point value push the arrows and to memorise the new set point value push the **SET** key again or wait 10sec.

## Filling the cabinet

- This product is only to be used for the refrigeration of packed beverages.
- Fill the cabinet during a period when it is least used. Repeatedly opening of the door will slow down the refrigeration of the products.
- Beverages with a high alcohol percentage should always be stored properly sealed in an upright position.



To guarantee optimal performance and air circulation the air vents of the cabinets should NEVER be obstructed.



NEVER use the cabinet to store electrical appliances!



**HINT!**

Apply the so called First-in First-out principle when serving beverages out of the cabinet. This to ensure that the coldest product is served.

## Chapter 4 Maintenance

### Cleaning the cabinet

#### Self-maintenance

- Before First use the cabinet should be cleaned using water and a mild detergent.
- Intensive use requires regular cleaning.
- The MG/300 & MG/500 has a lamellae condenser and this needs to be cleaned once a week using a vacuum cleaner.
- Check and clean the magnetic seals on a regular basis. If the seal is not airtight it will have a negative effect on the refrigeration performance and it needs to be replaced immediately.



#### Attention!

- Do not dismantle any fixed components when cleaning the machine unit!
- Do not use aggressive abrasives or detergents.

## Interference



### **Attention!**

Always remove the plug from the socket when carrying out repairs!

### **The cabinet does not start.**

- Check the plug.
- Restore the power supply by replacing a fault fuse or by using the on/off switch.
- Contact your local service organization.

### **Temperature is too high, in spite of recent adjustment of thermostat.**

- Check/restore power supply.
- Remove contents which may obstruct ventilation.
- Clean magnetic seal, replace if necessary. Remove contents which may obstruct ventilation
- Defrost evaporator.
- The condenser is dirty, must be cleaned
- Thermostat or compressor is defect.
- Fan (evaporator or condenser) is defect.
- Contact your local service organization.

### **Temperature is too low, in spite of recent adjustment of thermostat.**

- Thermostat is defect.
- Contact your local service organization.

### **Water leak**

- Defrost regularly – if necessary extra manual defrost cycle.
- Check if the product is leveled. If necessary level the product.
- Contact your local service organization.

### **Plug lead**

- To prevent accidents the plug lead, if damaged, may only be replaced by the service/maintenance organization or qualified installer.

## Chapter 5 Technical information

### Plug ready bottle cooler

Power supply	220 - 240 V / 50 Hz / 1~
Refrigerant	R134a
Cooling capacity	488 Watt* (8,21cc)
Thermostat	Electronic
Temperature range	+2 °C t/m +18 °C, standard +6 °C

Type	MG/300LG		MG/300LGCS	
Power consumption	348 Watt*		348 Watt*	
Internal volume	300 L		300 L	
Weight	97 kg		97 kg	
Illumination	2 x 4 Watt		2 x 4 Watt	
Capacity tray	5 x 50 kg per deur		5 x 50 kg per deur	
Dimensions	602 x 540 x 1800 mm		602 x 540 x 1800 mm	

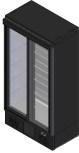
Type	MG/300RG		MG/300RGCS	
Power consumption	348 Watt*		348 Watt*	
Internal volume	300 L		300 L	
Weight	97 kg		97 kg	
Illumination	2 x 4 Watt		2 x 4 Watt	
Capacity tray	5 x 50 kg per deur		5 x 50 kg per deur	
Dimensions	602 x 540 x 1800 mm		602 x 540 x 1800 mm	

\* Conditions: Min. evaporation T = -5 °C, Max. condensation T = 45 °C,  
Ambient temperature = 25 °C

## User Manual

Power supply	220 - 240 V / 50 Hz / 1~
Refrigerant	R134a
Cooling capacity	488 Watt* (8,21cc)
Thermostat	Electronic
Temperature range	+2 °C t/m +18 °C, standard +6 °C

Type	MG/500G		MG/500GCS	
Power consumption	348 Watt*		348 Watt*	
Internal volume	500 L		500 L	
Weight	130 kg		130 kg	
Illumination	2 x 4 Watt		2 x 4 Watt	
Capacity tray	5 x 50 kg per deur		5 x 50 kg per deur	
Dimensions	900 x 540 x 1800 mm		900 x 540 x 1800 mm	

Type	MG/500SD	
Power consumption	348 Watt*	
Internal volume	500 L	
Weight	130 kg	
Illumination	2 x 4 Watt	
Capacity tray	5 x 50 kg per deur	
Dimensions	900 x 567 x 1800 mm	

\* Conditions: Min. evaporation T = -5 °C, Max. condensation T = 45 °C, Ambient temperature = 25 °C



## EC DECLARATION CONFORMITY FOR MACHINERY

(Directive 2006/42/EC, Annex II, sub A.)

Manufacturer: Gamko BV

Address: Mon Plaisir 75  
4879 AL  
Etten-Leur  
The Netherlands

Herewith declares that the following product

- **Gamko product range type:**
  - **MG/300<sup>xx</sup>**
  - **MG/500<sup>xx</sup>**

Is provided as defined in:

- ◆ The EC machines (Directive 2006/42/EC)
- ◆ Electromagnetic compatibility (Directive 2004/108/EEC)
- ◆ Directive low-voltage (Directive 2006/95/EEC)
- ◆ PED pressurised equipment (Directive 97/23/EC)
- ◆ RoHS directive 2002/95/EC

Etten-Leur, 23-05-2013



N. Govers  
Manager R&D



## WEEE-regulations

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION. KEEP THESE INSTRUCTIONS IN A SAFE PLACE. THE INFORMATION CONTAINED IN THIS BROCHURE IS IMPORTANT FOR THE DISPOSAL OR RE-USE OF THIS PRODUCT AT THE END OF ITS USEFUL LIFE.

Gamko BV is attentive of the care of the environment and meets all requirements contained in the Directive 2002/96/EC, known as WEEE, or the Directive referring to Waste from Electrical and Electronic Equipment. This product conforms to the directive 2002/96/EC. At the end of its useful life the product, which is to be processed separate from household waste, should be transferred to a collection point of separate waste from electrical and electronic equipment. The objective of the Directive 2002/96/EC is to combat the increasing volumes of waste from electrical and electronic equipment, to increase the re-use of electrical and electronic equipment ("EEE") and finally to limit the total volume of waste EEE ("WEEE") destined to be disposed of. The symbol of the crossed out waste bin indicates that this product is subject to the application of this Directive. It is the responsibility of the user to transfer the product to specialized collection points, as indicated by local legislation or the distributor. In case of installation of a new product the old WEEE product can be collected by the distributor at the same time. The manufacturer, importer and distributor are responsible for the collection and processing of the waste which is collected directly or through a collection point. The enclosed list contains Gamko BV distributors per country. Any violation of the above mentioned Directive will result in sanction measures in all of these countries. In general Gamko BV applies the "CECED interpretation" (European Committee of Manufacturers of Electrical household appliances) according to which the WEEE legislation is applicable to portable air conditioners, dehumidifiers, window- air conditioning, split systems up to 12 kW, fridge's and plug in freezer compartments. Nevertheless it is possible that in the various member countries differences in legislation are detected. In case some products are not included on the list of WEEE products following national legislation, the national legislation should be adhered to, the WEEE directives applicable to products that are not included in the scope of these national legislations should be omitted. The directive does not apply to products sold outside the European Union. In case the product is to be sold outside the European Union, it is not necessary to adhere to the WEEE directive however; the vendor/distributor has to guarantee that local legislation is being observed. For further information please refer to the local authority for waste collection, the vendor/distributor/ installer who supplied the product or directly to Gamko.



## **GWP-table**

**This product contains fluorinated gases covered by the Kyoto Protocol.**

Chemical Name of the Gas (see type plate)	R134a
Global Warming Potential (GWP) of the gas	1300

### **Caution!**

- a. Hermetically sealed system
- b. Emission of the contained fluorinated gas shall be prevented. The fluorinated gas may never be vented to the atmosphere during installation, service and disposal. When leak of the contained fluorinated gas is detected, the leak shall be repaired and stopped as soon as possible.
- c. Only qualified service personnel are allowed to access and service this product.
- d. Handling of the fluorinated gas in this product, such as moving of the product, re-charging of the gas, shall comply with REGULATION (EC) No 842/2006 on certain fluorinated gases and relevant local legislation.