FLEXBAR
000030094

Gamko

Gebruiksaanwijzing User manual Mode d'emploi Gebrauchsanweisung



EDITIE 07-2008



Gebruiksaanwijzing **3**



User Manual **25**



Mode d'emploi **46**



Gebrauchsanweisung **67**

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Chapter 1 General information



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



CAREFUL! – WARNING – Ignoring this sign and remarks may result in damage to your product.



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

Thank you for choosing a Gamko product.
These user instructions also contain your 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 98/37/EG. In case of doubt please contact the Gamko service organisation or your supplier. The information contained in this manual can be changed without prior notice.

Safety precautions

Technical safety

- Prior to use check the plug and plug 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 the product is stated on the type plate.

- 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.
- Never gain access to a room which might contain refrigerant.
- Refrigerant can cause burns.

During operation

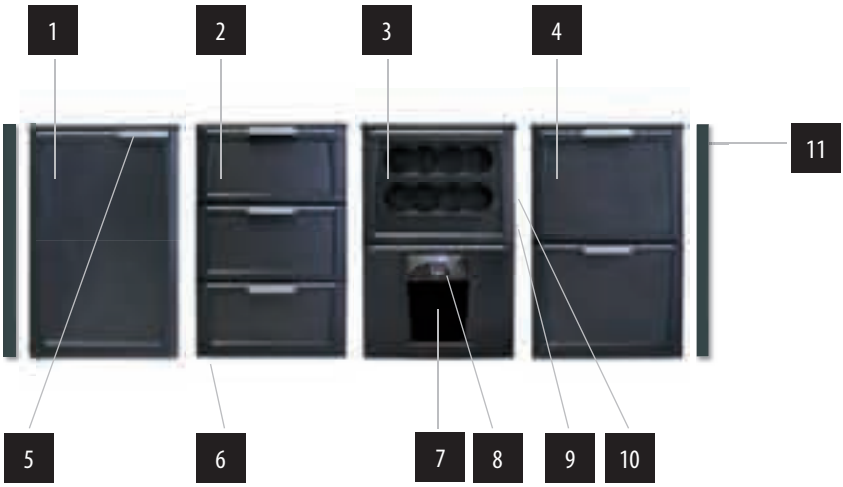
- Only use this product for storing wrapped food or beverages.
- Never use the product as a step.
- Never store electrical appliances in the product.
- Always store beverages with a high percentage of alcohol standing upright and tightly closed.
- Ensure that ventilation grilles both in and outside the cabinet remain unobstructed.
- In case of emergency the plug should be removed from the socket.
- Ensure that the ambient temperature does not exceed the climate classification (N: from +16 °C to +32 °C).

After Use

- Make sure that the product is stored and disposed off safely (see WEEE-regulations on page 44).

Product description

The Flexbar: an endless number of combinations of a cooled, flexible bar system with amongst other things, EQUAL-LED lighting ans central electronic locking system.



1 Doorsegment
2 3-drawer segment
3 Machine unit with bottle compartment
4 2-drawer segment
5 Exchangeable doors / handgrips
6 Adjustable feet
7 Air inlet
8 Electronic thermostat
9 Air outlet
10 Type plate
11 Endpanel

Optional extras: glass front segments (drawers too), central electronic locking system and coloured EQUAL-LED.

Type plate



A Type number product
B Refrigerant type + volume
C Capacity machine unit + any lighting fitted
D Power consumption
E Energy
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.

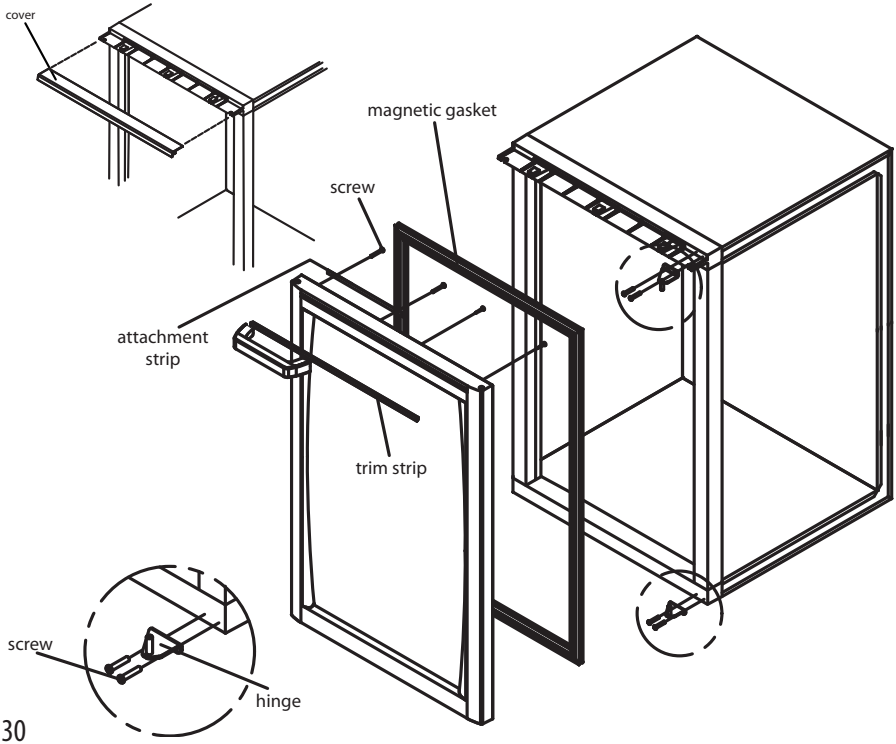
Refrigeration
Refrigerant can cause burns or, after exposure to air, lead to suffocation!

Chapter 2 Installation

Tip! Select the opening direction before installing the segment.

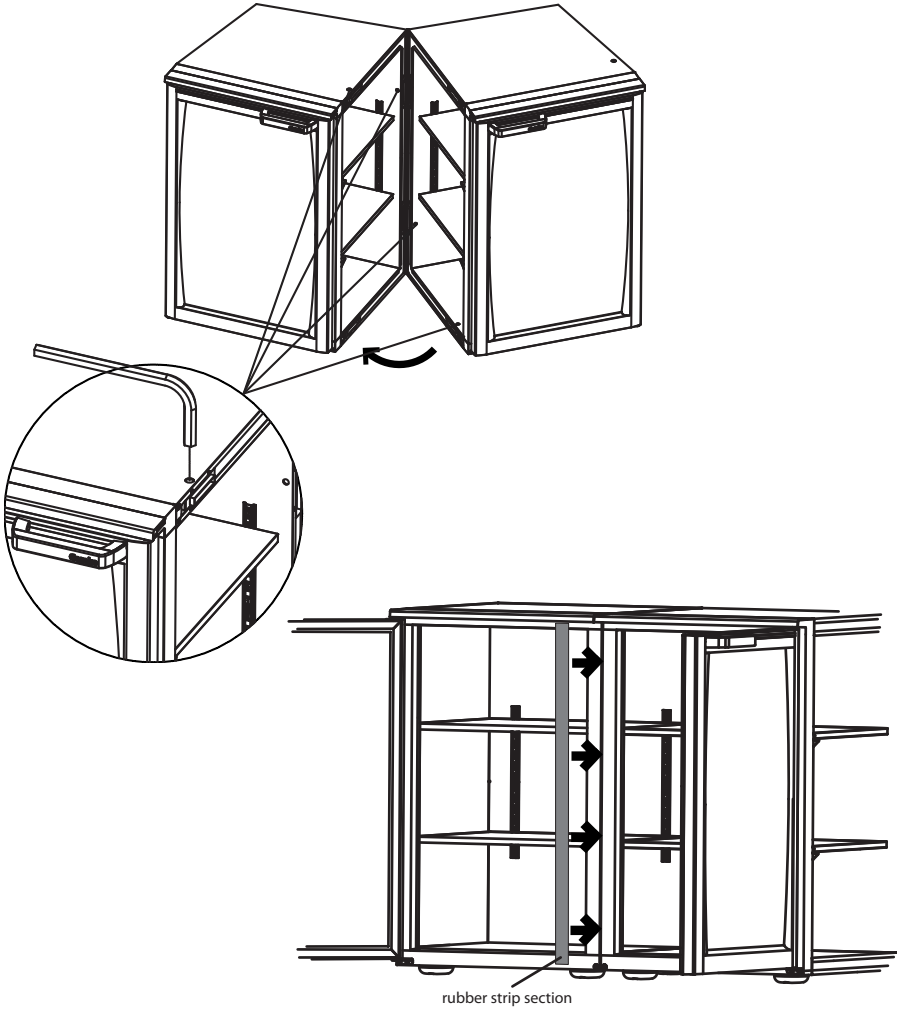
Altering the opening direction

1 Open the door and remove the cover cap at the top of the frame. Do so by placing a screw driver's flat head into the holes underneath and gently twist.
2 Close the door and remove the upper hinge by loosening the 2 screws.
3 Remove the door by lifting it carefully away from the lower hinge.
4 Remove the lower hinge by loosening the 2 screws.
5 Fit the hinge from step 2 at the other lower side (diagonally opposite).
6 Remove the hand grip and trim strip by partially removing the magnetic frame and the screws and attachment strip this conceals.
7 Fit the trim strip, attachment strip and hand grip to the hinge position on the other side, using the 4 screws.
8 Press the magnetic frame back into its original position.
9 Replace the door and fit the upper hinge cover cap using the 2 screws (i.e. the hinge which you removed in step 4).
10 Place the cover back on. Slide the cover backwards (never downwards).



Linking segments

1 Slide the segments together.
2 Make sure the units are correctly connected.
3 Using a 6mm Allen key via the openings, rotate the 4 linking hooks until 2 clicks are heard.
4 Place the cover caps on the openings to prevent ingress of dirt.
5 In case of joint segments place rubber strip section into the seam between two segments.

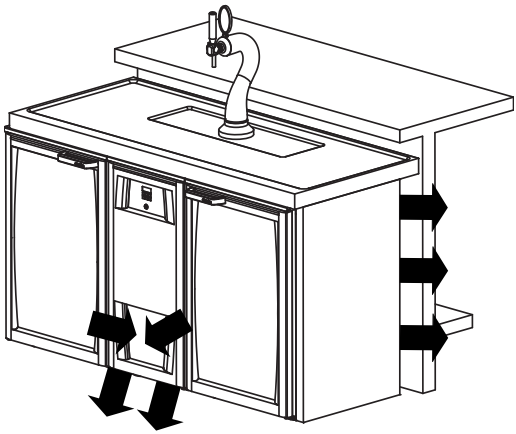


Position of machine unit
Note the maximum number of storage segments per machine unit!

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

How does it work

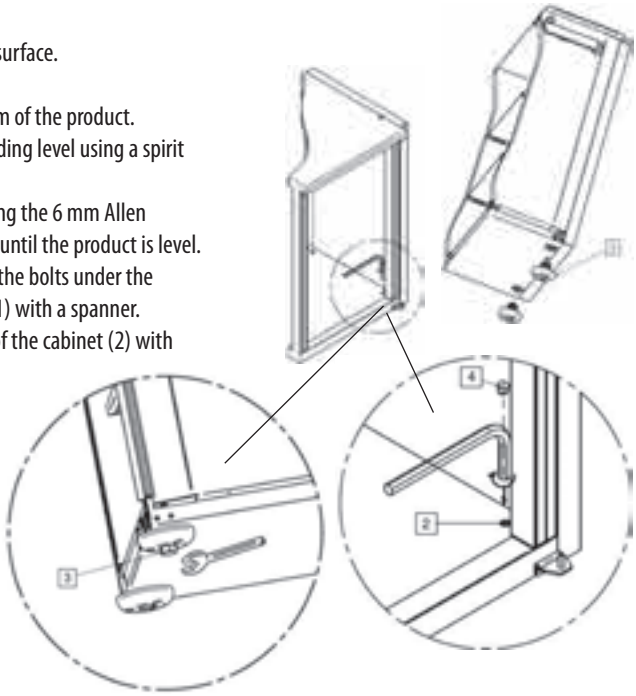
A refrigerator works by extracting heat from the space to be refrigerated and to release this in the surrounding area. For maximum air circulation it is recommended to allow at least 10 cm space around the refrigerator. **Be very careful never to obstruct the air inlets and outlets.**



Installing the product

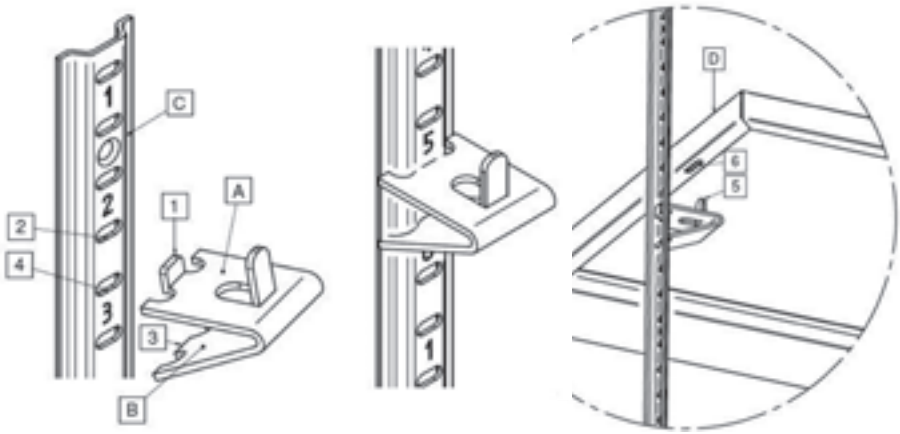
Place the product on a smooth surface.

1 Slide the feet (1) in the bottom of the product.
2 Make sure the product is standing level using a spirit level.
3 Tighten the feet (1) by inserting the 6 mm Allen key in the holes provided (2), until the product is level.
4 For a closed segment tighten the bolts under the cabinet (3) holding the feet (1) with a spanner.
5 Cover the holes at the inside of the cabinet (2) with the supplied plugs (4).



Fitting storage racks

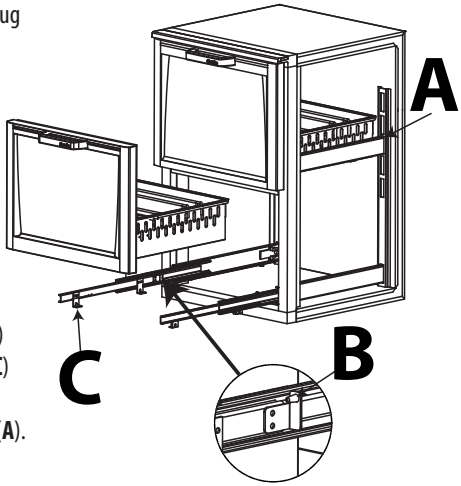
1 Hook pin (1) in openings (2) of rails (C).
2 Push bottom part (B) towards side (A).
3 This causes pin (3) to slot into the next opening (4) in the rails.
4 Fit the other 3 pins at the same height.
5 Place the storage rack (D) sliding the pins (5) in the openings (6).



Removing drawers

Remove drawer

1 Open the drawer
2 Where lighting is used, disconnect the lighting plug on the (righthand) inner face of the stile (**A**).
3 Take hold of the front and rear
4 Raise the front
5 Slide the drawer forwards
6 Remove the drawer from the rails



Install drawer

1 Place the rear with the openings over the pins (**B**)
2 Place the front with the openings over the pins (**C**)
3 Where lighting is used, connect the lighting plug located on the (righthand) inner face of the stile (**A**).



Power supply



- This product uses a separate device cable as the power cable. 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 become 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.

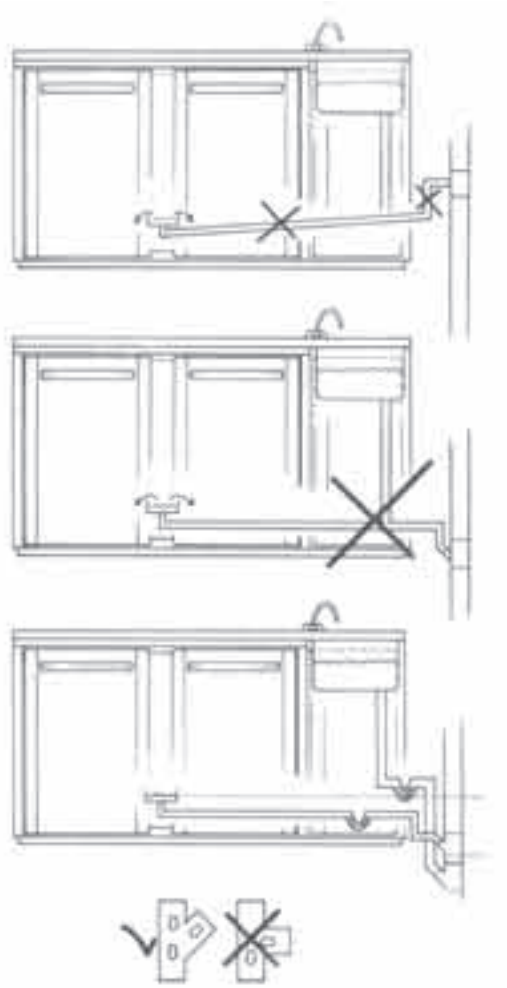
Fluctuations in the power supply can cause damage, which causes the cabinet to switch off. Gamko cannot be held responsible for any consequential damage.

Chapter 3 Split units

The installation of the appliance and the condenser unit may only be carried out by your local service organisation team or a qualified installer. The type of condenser unit to be used is to be determined in consultation with your local service organisation or a qualified installer.

Fitting the waste pipe

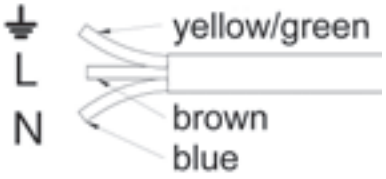
- Install the cabinet following the instructions.
- Connect the waste pipe to the drains.
- Ensure that the drain pipe slopes down and is fitted lower than the evaporator drip tray in the cabinet.
- Fit a siphon to prevent bad odours coming into the cabinet.
- Pay attention that the siphon does not obstruct the flow too much.
- Fit separate waste pipes for drip tray and rinsing bowl .
- Always use T-connectors 45º.
- Always connect the overflow to the drains (in extreme circumstances it may be possible that the evaporation capacity is not sufficient).

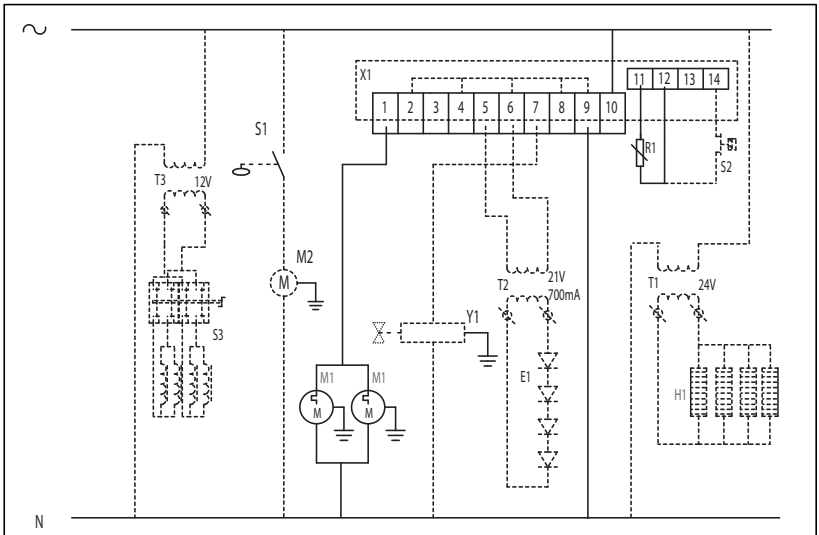


Electrical schedule split units

Connecting power supply

The plug lead has to be connected to an approved plug or power supply. The plug has to be connected by a qualified installer following the local electrical guidelines.





	NL	DL	UK	FR
T1	Trafo 24V	Trafo 24V	Trafo 24V	Transfo 24V
E1	LED	LED	LED	LED
X1	Electronische thermostaat	Elektronischer Thermostat	Electronic Thermostat	Thermostat Electronique
R1	T voeler ruimte	T Fuhler Raum	T.probe space	T.resistance espace
T2	Trafo max 21V	Trafo max 21V	Trafo max 21V	Transfo max 21V
T3	Trafo 12V	Trafo 12V	Trafo 12V	Transfo 12V
M1	Verdamper fanmotor	Verdampfer lufter	Evaporator Fanmotor	Evaporateur Ventilateur
Y1	Magneetklep	Magnet Ventil	Solenoid Valve	Électrovanne
S1	Niveau schakelaar	Nivo Shalter	Level switch	Interrupteur Niveau
M2	Pomp	Pumpe	Pump	Pompe
S2	Read contact	Schaltzelle	Read contact	Résistance
S3	slot	Schloss	Lock	Serrure
H1	Verwarmingskabel	Heizelement	Heating element	Résistance

Chapter 4 Using the appliance

Prior to use

- Clean the cabinet prior to use. For further details we refer to the maintenance section.
- Leave the installation to stand for at least 2 hours before switching on the cabinet.
- Check that the correct fuse is fitted.

EMERGENCY STOP

REMOVE THE PLUG FROM THE SOCKET!

Thermostat

Gamko use various types of thermostat in our products. Please consult TECHNICAL MATTERS in Section 6 for the correct thermostat.For thermostat controls and settings, see the thermostat manual supplied separately.

Filling the cabinet

- This product is only to be used for the refrigeration of 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.



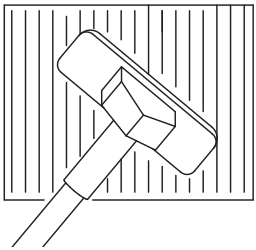
NEVER use the cabinet to store electrical appliances!

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 5 Maintenance

Cleaning the cabinet

Proper maintenance of the product will guarantee a long useful life.
Gamko strongly advises to take out a maintenance contract.



DIY maintenance

- Before first use the cabinet should be cleaned using water and a mild detergent.
- Intensive use requires regular cleaning.
- Regularly clean the condenser 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.
- Clean the drawer runners monthly, we recommend a light application of bearing grease once a year.

Cleaning of bottle compartment

Is your Flexbar equipped with a bottle compartment? In that case you ought to regularly check on pollution and excessive condensation. You do so by opening the compartment as a drawer (**1**). Then subsequently you remove the cradle container from the drawer as shown on the picture below (**2**). The container can now easily be cleaned (i.e. in a dish washer).



The bottle compartment comes standard with a plastic tube. By means of this tube you can easily adapt the depth of the container to the various height of the bottles.

Attention!





- Do not dismantle any fixed components when cleaning the machine unit!
- Do not use aggressive abrasives or detergents.
- The condenser can have sharp edges, clean with care!
- Clean glass doors with a mild detergent.
- Clean the condenser more frequently if installed in a dusty environment.
- Clean stainless steel with water and Ph neutral detergent, rinse and dry with a soft cloth.

Fault finding



Please note!
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 faulty fuse or by using the on/off switch.
- Contact your local service organisation.

Temperature is too high, in spite of recent adjustment of thermostat.
- Check/repair power supply.
- Remove contents which may obstruct ventilation.
- Clean magnetic strip, replace if necessary.
- Defrost evaporator.

Temperature is too low, in spite of recent adjustment of thermostat.
- Thermostat is faulty. Contact your local service organisation.

Water leak
- Defrost regularly – if necessary extra manual defrost cycle.
- Clean/unblock water drip tray.
- Clean the defrost water evaporator tray.
- Contact your local service organisation.

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

Chapter 6 Technical information

Power supply	220-240 V / 50Hz / 1~
Refrigerant	R134A
Thermostat	T66-XW60K

Type	**X/1HB**	**X/MU**
Cooling capacity	656 Watt* (10 cc)	656 Watt* (10 cc)
Power consumption	500 Watt*	500 Watt*
Temperature range	+2°C / +12°C standard: +6°C	+2°C / +12°C standard: +6°C
Weight	52 Kg	43 Kg
Dimensions WxDxH (incl. legs)	540 x 560 x 860/880 mm	410 x 560 x 860/880 mm

Type	**X/PTMU**	**X/PTVS20**
Cooling capacity	656 Watt* (10cc)	656 Watt* (potiential)
Power consumption	500 Watt*	80 Watt*
Temperature range	+2°C / +12°C standard: +6°C	+2°C / +12°C standard: +6°C
Weight	45 Kg	25 Kg
Dimensions WxDxH (incl. legs)	410 x 600 x 860/880 mm	200 x 600 x 860/880 mm

Type	**X/VS00**	**X/VS20**
Cooling capacity	656 Watt* (potiential)	656 Watt* (potiential)
Power consumption	20 Watt*	80 Watt*
Temperature range	+2°C / +12°C standard: +6°C	+2°C / +12°C standard: +6°C
Weight	10 Kg	21 Kg
Dimensions WxDxH (incl. legs)	80 x 420 x 550 mm	200 x 560 x 860/880 mm

Type	**X/EP*** **
Dimensions DxH	510 x 840 mm
Panel Depth (D)	00 mm (non insulated), 20 mm or 40 mm
Exterior	antracite or stainless-look
Weight	2 kg or 10 kg

Type	**X/2******
Dimensions DxH (incl. legs)	560 x 860/880 mm
Whith	410 mm or 540 mm
Construction	door or drawer
Front	antracite, stainless steel-look or glass
Weight	from 16 till 25 kg
illumination	Standard on glassfront segments (optional in case of solid front)

Type	**X/3******	**X/3DHB*****
Dimensions DxH (incl. legs)	560 x 860/880 mm	560 x 860/880 mm
Construction	Drawers (2 x 1/2)	Drawer (1/2) + bottle comp.
Front	antracite, st. steel-look or glass	antracite, st. steel-look or glass
Whith	410 mm or 540 mm	410 mm or 540 mm
Weight	31 kg or 39 kg	33 kg or 42 kg
illumination	Standard on glassfront segments (optional in case of solid front)	

Type	**X/4******	**X/5******
Dimensions DxH (incl. legs)	560 x 860/880 mm	560 x 860/880 mm
Construction	Drawers (7/12 + 5/12)	Drawers (5/12 + 7/12)
Front	antracite, st. steel-look or glass	antracite, st. steel-look or glass
Whith	410 mm or 540 mm	410 mm or 540 mm
Weight	31 kg or 39 kg	33 kg or 42 kg
illumination	Standard on glassfront segments (optional in case of solid front)	

Type	**X/6******	**X/6DHB*****
Dimensions DxH (incl. legs)	560 x 860/880 mm	560 x 860/880 mm
Construction	Drawer (3 x 1/3)	Drawers (2 x 1/3) + bottle comp.
Front	antracite, st. steel-look or glass	antracite, st. steel-look or glass
Whith	410 mm or 540 mm	410 mm or 540 mm
Weight	35 kg or 45 kg	37 kg or 47 kg
illumination	Standard on glassfront segments (optional in case of solid front)	

Type	**X/6DVB*****	**X/6DM*****
Dimensions DxH (incl. legs)	560 x 860/880 mm	560 x 860/880 mm
Construction	Drawers (2 x 1/3) + bottle storage bin in worktop	Drawers (2 x 1/3) + 1/3 coffee fold-out drawer
Front	antracite, st. steel-look or glass	antracite or stainless steel-look
Whith	410 mm or 540 mm	410 mm
Weight	31 - 35 kg or 41 - 45 kg	33 kg
illumination	Standard on glassfront segments (optional in case of solid front)	

Type	X/7****	X/7DHB***
Dimensions DxH (incl. legs)	560 x 860/880 mm	560 x 860/880 mm
Construction	Drawers (1/3 + 2/3)	Drawer (2/3) + bottle comp.
Front	antracite, st. steel-look or glass	antracite, st. steel-look or glass
Whith	410 mm or 540 mm	410 mm or 540 mm
Weight	27 kg or 35 kg	32 kg or 41 kg
illumination	Standard on glassfront segments (optional in case of solid front)	

Type	X/7DVB***	X/7DM***
Dimensions DxH (incl. legs)	560 x 860/880 mm	560 x 860/880 mm
Construction	Drawers (2 x 1/3) + bottle storage bin in worktop	Drawers (2 x 1/3) + 1/3 coffee fold-out drawer
Front	antracite, st. steel-look or glass	antracite or stainless steel-look
Whith	410 mm or 540 mm	410 mm
Weight	27 - 31 kg or 35 - 39 kg	30 kg
illumination	Standard on glassfront segments (optional in case of solid front)	

Type	X/OS**	X/PT**
Dimensions DxH (incl. legs)	560 x 860/880 mm	560 x 860/880 mm
Construction	without front without doors	pass through storage segment
Whith	410 mm or 540 mm	410 mm or 540 mm
Weight	12 kg or 15 kg	10 kg or 12 kg
illumination	Standard on glassfront segments (optional in case of solid front)	

Type	X/FRONT****	X/AC2****
Dimensions DxH	40 x 800 mm	100 x 840 mm
Construction	door for **X/OS**** or **X/PT****	frame + door
Front	antracite, st. steel-look or glass	antracite, st. steel-look or glass
Whith	400 mm or 530 mm	410 mm or 540 mm
Weight	5 kg or 6 kg	6 kg or 10 kg

Type	X/OSDISH**
Dimensions DxH (incl. legs)	540 x 560 x 860/880 mm
Construction	without front with 3 drawers for use with rinsing machine racks
Whith rinsing machine racks	400 mm or 500 mm
Weight	20 kg or 17 kg

Gamko

Manufacturer's Declaration

(directive 98/37/EG, Appendix II, sub B)
PROHIBITION ON TAKING INTO USE

Manufacturer: Gamko Holding BV
Address: Mon Plaisir 75
4879 AL, Etten-Leur
The Netherlands

Hereby declares that product type:

X/** (except models **X/SC**** and **X/SF****)
Does not fully comply with the requirements of:
- The Machinery Directive (98/37/EC)

Does meet the requirements of:
- The EMC Directive (Directive 89/336/EEC)
- The Low Voltage Directive (2006/95/EC)
- The Pressure Equipment Directive (97/23/EC)

It is prohibited to take the machine specified in this declaration into use unless it has been built into another machine or is combined with other machines to create a machine which meets the conditions specified in the Machinery Directive (98/37/EC).

Etten-Leur, 31 - 01 - 2008



P. Naaijkens
Manager Engineering and Quality Control



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 Holding BV is attentive of the care of the environment and meets all requirements contained in the Directive 2002/96/CE, known as WEEE, or the Directive referring to Waste from Electrical and Electronic Equipment. This product conforms to the directive 2002/96/CE. 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/CE 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. Any violation of the above mentioned Directive will result in sanction measures in all of these countries. In general Gamko Holding 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, frigo'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	R404A
Global Warming Potential (GWP) of the gas	1300	3784

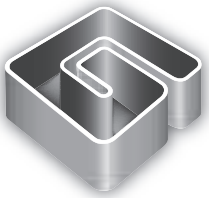
Caution

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.



Gamko

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