



104.025 / 104.040

Bedienungsanleitung

Eiswürfelbereiter

Seite 3 bis 15

D/A/CH

Instruction manual

Ice cube maker

from page 17 to 29

GB/UK

Mode d'emploi

Machine à glaçons

de page 31 à page 43

F/B/CH

**Keep this instruction manual
ready to hand at the product!**

1. General Information	18
1.1 Information about the instruction manual	18
1.2 Key to symbols	18
1.3 Liability and Warrantees	19
1.4 Copyright protection	19
1.5 Declaration of conformity	19
2. Safety	20
2.1 General information	20
2.2 Safety instructions for the use of the device	20-21
2.3 Intended use	21
3. Delivery, packaging and storage	22
3.1 Delivery check	22
3.2 Packaging	22
3.3 Storage	22
4. Technical data	23
4.1 Technical specification	23
4.2 Control panel	23
4.3 Features	24
5. Installation and operation	24
5.1 Safety instructions	24-25
5.2 Installation and connection	25-26
5.3 Operating	26
6. Cleaning and maintenance	27
6.1 Safety advice	27
6.2 Cleaning	27
6.3 Safety instructions for maintenance	27
7. Possible malfunctions	28
8. Waste disposal	29

1. General information

1.1 Information about the instruction manual

This instruction manual contains information about the installation, operation and maintenance of the device and should be consulted as an important source of information and reference guide.

Awareness of the safety instructions and instructions for use in this manual will ensure the safe and correct use of the device.

In addition to the information given here, you should comply with any local Health and safety Controls and generally applicable safety regulations.

The instruction manual forms part of the product and should be kept near the device and easily accessible for anyone carrying out the installation, servicing, maintenance or cleaning.

1.2 Key to symbols

In this manual, symbols are used to highlight important safety instructions and any advice relating to the device. The instructions should be followed very carefully to avoid any risk of accident, personal injury or material damage.



WARNING!

This symbol highlights hazards, which could lead to injury.

Please follow the instructions very carefully and proceed with particular attention in these cases.



WARNING! Electrical hazard!

This symbol draws attention to potential electrical hazards. If you do not follow the safety instructions, you may risk injury or death.



CAUTION!

This symbol highlights instructions, which should be followed to avoid any risk of damage, malfunctioning and/or breakdown of the device.



NOTE!

This symbol highlights tips and information, which have to be followed for an efficient and trouble-free operation of the device.

1.3 Liability and Warrantees

All the information and instructions in this manual take into account standard safety regulations, current levels of technical engineering as well as the expertise and experience we have developed over the years.

The instruction manual was translated with all due care and attention. However, we do not accept liability for any translation errors. The German version of this instruction manual is definitive.

If the delivery consists of a special model, the actual scope of delivery may differ from the descriptions and illustrations in this manual. This is also the case for special orders or when the device has been modified in line with new technology. If you have any questions, you should contact the manufacturer.



NOTE!

Read the instruction manual carefully before using the device. The manufacturer does not accept liability for any damage or malfunction resulting from not following the instructions for use.

The instruction manual should be kept near the device, easily accessible for anyone wishing to work with or using it. We reserve the right to make technical changes for purposes of developing and improving the useful properties.

1.4 Copyright protection

The instruction manual including any texts, drawings, images or other illustrations is copyright. No part of this publication may be reproduced, transmitted or used in any form or by any means without permission in writing from the manufacturer. Any person who commits any unauthorized act in relation to this publication shall be liable to claims for damages. All rights reserved.



NOTE!

The contents, texts, drawings, pictures and any other illustrations are copyright and subject to other protection rights. Any person unlawfully using this publication is liable to criminal prosecution.

1.5 Declaration of conformity

The device complies with the current standards and directives of the EU.

We certify this in the EC declaration of conformity.

If required we will be glad to send you the according declaration of conformity.

2. Safety

This section provides an overview of all important safety aspects.

In addition every chapter provides precise safety advice for the prevention of dangers which are highlighted by the use of the above mentioned symbols.

Furthermore, attention should be paid to all pictograms, markers and labels on the device, which must be kept in a permanent state of legibility.

By following all the important safety advice you gain an optimal protection against all hazards as well as the assurance of a safe and trouble-free operation.

2.1 General Information

This device is designed in accordance with the presently applicable technological standards. However, the device can pose a danger if handled improperly and inappropriately.

Knowing the contents of the instruction manual as well as avoiding mistakes and thus operating this device safely and in a fault-free manner is very essential to protect yourselves from the hazards.

To prevent hazards and to ensure optimum efficiency, no modifications or alterations to the device that are not explicitly approved by the manufacturer may be undertaken.

This device may only be operated in technically proper and safe condition.

2.2 Safety instructions for use of the device

The specifications regarding the industrial safety are based on the Regulations of the European Union applicable at the time of manufacturing the device.

If the device is used commercially, the user is obliged to ensure that the said industrial safety measures concur with the state of the rules and regulations applicable at the time in question for the entire period of use of the device and to comply with the new specifications.

Outside the European Union, the industrial safety laws applicable at the place of installation of the device and the regional territorial provisions must be complied with.

Besides the industrial safety instructions in the instruction manual, the general safety and accident prevention regulations as well as environment protection regulations applicable for area of application of the device must be followed and complied with.



CAUTION!

- The unit is not intended for use by individuals (including children) with physical or mental disabilities, insufficient experience, and/or insufficient knowledge unless such persons are under the care of a person responsible for their safety or have received instructions regarding appropriate use of the unit.
- Children should be observed to ensure that they are not playing with the unit.
- Preserve this manual safely. When passing on/selling the device to a third party, the manuals must be handed over along with the device.
- Every person using the device must act in accordance to the manuals and under consideration of the safety advice.
- The device is to be used indoors only.

2.3 Intended use

Safe operation is only guaranteed when using the device for its intended purpose.

Any technical interventions, as well as assembly and maintenance are to be made by a qualified customer service only.

The **ice cube maker** may only be used to **make ice cubes**.



CAUTION!

Any use going beyond the intended purpose and/or any different use of the device is forbidden and is not considered as conventional.

Any claims against the manufacturer or his authorized representative as a consequence of experiencing damages resulting from unconventional use are impossible.

The operator is liable for all damages resulting from inappropriate use.

3. Transport, packaging and storage

3.1 Delivery check

Please check the delivery upon completeness and transport damage immediately after receipt. In case of visible damage do not accept or accept the delivery with reservation only.

Note the extent of damage on the carrier's bill of delivery. Trigger off the complaint.

Hidden damages should be reclaimed immediately after notice, as claims for damages can only be asserted within the effective period for complaints.

3.2 Packaging

Please do not throw away the covering carton of your device as it might be useful for storage purposes, when moving or, in case of damages, when the device must be sent back to a repair center. The outer and inner packing material should be removed completely from the device before installation.



NOTE!

If you liked to dispose the packing, consider the regulations applicable in your country. Supply re-usable packing materials to the recycling.

Please inspect the device upon completeness. In case any part is missing please contact our customer service center immediately.

3.3 Storage

Keep the package closed until installation and under consideration of the outside indicated positioning- and storage markings.

Packages should be stored under consideration of the following:

- Do not store outdoors.
- Keep it dry and dust-free.
- Do not expose it to aggressive media.
- Do not expose it to direct sunlight.
- Avoid mechanical shocks and vibration.
- In case of longer storage (> 3 months) make sure you check the state of the packaging and the parts regularly.
If required refresh or renew.

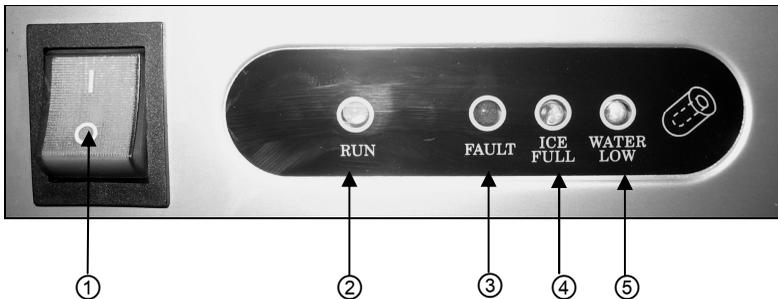
4. Technical data

4.1 Technical specifications

Description	Ice cube maker	
Item no.:	104.025	104.040
Model:	C 25	C 40
Cooling agent:	R134a / 130 g	R134a /200 g
Connected load:	230 V ~ 50 Hz	
Power:	220 W	380 W
Ice cube production:	approx. 25 kg / 24 Std. (cone shape)	approx. 35 kg / 24 Std. (cone shape)
Store tank:	approx. 6 kg	approx. 13 kg
Dimensions:	W 385 x D 555 x H 665 mm	W 550 x D 635 x H 825 mm
Weight:	31 Kg	47 kg
Accessories:	Supply and outlet hose, ice scoop	

Subject to technical changes and alterations!

4.2 Control panel



- ① **ON-/OFF-switch** with built-in control lamp (red)
- ② **„RUN“-** operation control lamp (green)
- ③ **„FAULT“-** display fault/failure (red)
- ④ **„ICE FULL“-** display tank full (red)
- ⑤ **„WATER LOW“-** display low water level (red)

4.3 Features

- Air cooling
- Paddle system
- Electronically controlled compressor
- Light sensor controlled ice cube production
- With water supply and outlet

5. Installation and operation

5.1 Safety instructions



WARNING! Electrical hazard!

The device must only be connected to a properly installed single socket with protective contact.

Never yank cord to disconnect from outlet.

Cable must not touch any hot parts.

- See that the cable does not touch any heat sources or sharp edges. Do not let the cable dangle over the counter edge.
- Do not use the device in case it does not function properly, has been damaged or dropped.
- Do not use any accessory or spare parts that have not been recommended by the manufacturer. These can be dangerous for the user or lead to damages of the device or personal injury, and further, the warranty expires.
- Do not lay the cable over carpets or heat insulations. Do not cover the cable. Keep away the cable from operating range and do not dunk it into water.
- Do not put any objects into the device. Do not touch any moving or electrical parts inside the device.
- Do **not tilt** the device over on angle of 45° (also during transport) so the compressor does not get damaged.
- Never place the device on its side or head, only transport it upright.
- Always move the device carefully and do not expose to hard impacts.
- Do not expose to bad weather conditions.
- Do not store any kind of inflammable, toxic or loose objects in the ice cube maker.

**WARNING! Hazard via electrical current!**

The device can cause injuries due to improper installation!

Before installation the local power grid specification should be compared with that of the device (see type label).

Connect the device only in case of compliance!

Take note of the security advice!

5.2 Installation and connection

**ATTENTION!**

Any installation, maintenance- and repair jobs must be performed by qualified personnel only (electrician or refrigeration engineer)!

- Discard the complete packing material after unpacking the device. Take out the provided accessories (Supply and outlet hose, ice scoop, gasket) from the tank.
- Place the device on top of an even and safe surface which supports the weight of the device.
- Choose a surface where the ice cube maker is not exposed to direct sunlight, or close to a direct source of heat such as a cooker, oven or radiator.
- Make sure, that a minimum distance of 10 cm is kept between all sides of the device and the wall and other objects respectively, so that a sufficient air circulation is provided.
- If the ice cube maker is kept outside during the winter and then taken inside for use, please let it warm up to room temperature before plugging it in.
- The electrical circuit in the socket must be secured to at least 16A. Only connect the device directly to the wall socket; do not use any extension cords or power strips.
- Place the device so that the plug is easily accessible and can be quickly removed from its socket in case of necessity.
- Set up the device near water supply connection.
- Connect the supply hose to the water tap. The other end of this hose must be plugged to the connection at the back of the device. Fit the gaskets.

**NOTE!**

The flow pressure should not exceed 2-3 bar. At higher pressure a pressure reducer should be connected upstream of the device.

**ATTENTION!**

The device may be connected to a water connection supplying drink water quality only. Otherwise, a cleaning unit must be installed in advance.

- Attach one end of the drainage hose using the rubber drainage cuff at the rear of the unit. Attach the second end to a sewage outlet or water container. The sewage outlet or water container must be situated lower than the ice cube maker, so that water flows out.

5.3 Operating

- Before first use, clean the device on the inside and outside with lukewarm water and a soft cloth.
- Wait for about one hour until the refrigerant has settled. Connect the device to a power socket only afterwards.
- Connect the device to a grounded single power socket.
- Use the **ON/OFF**-switch on the control panel in order to engage the device. The operation control lamp „**RUN**“ lights up and the ice cube production process is started.
- The process includes several stages, the **inflow of water**, the **ice cube production**, the **ejection** of the ice cubes and the **storage** of the ready ice cubes.
- As soon as the tank is full, the control panel display indicates „**ICE FULL**“, and the ice production process is automatically terminated.
- After the ice cubes have been removed, the device continues ice cube production.



NOTE!

For sanitary reasons, you should dispose of the ice cubes produced in the first cycle. Do not use them for beverages or cooling food.

- If water supply is insufficient, the control panel displays „**WATER LOW**“, and the device is switched off automatically. Check the water supply (hose) connected to the ice cube maker.
- If any error or failure occurs, the display indicates „**FAULT**“ and the device is switched off automatically.
- Switch off the device and disconnect it from power supply (Pull the power plug!), when it is not in use.
- Do not switch on the device immediately after it has been switched off automatically (caused by insufficient water supply, ice cube tank too full, current interruption). Wait at least 3-5 minutes in order to avoid damages of the compressor.



NOTE!

If the device is not used for a longer period of time, drain the water from the water tank via the drain screw at the back of the device. Wipe dry the water tank using a dry cloth.

6. Cleaning and maintenance

6.1 Safety advice

- Before beginning with repair or cleaning works make sure the device has been disconnected from power socket (pull the power plug!!!) and has cooled down.
- Do not use any acid agents and make sure no water ingresses the device.
- To protect yourself from electric shock, **never** immerse the device, its cables and the plug in water or other liquids.



CAUTION!

The device is not suited for direct washing via water jets. Therefore, you must not use any kind of pressure water jet for cleaning the device!

6.2 Cleaning

- Clean the ice cube maker thoroughly after every use and after longer periods of non-use.
- Clean the device on the inside and outside with warm water and a soft, damp cloth. Wipe it dry thoroughly afterwards.
- Clean the condenser every 2 – 3 months.
- Use soft cloth only and make sure you **never** use any kind of abrasive agents or pads, which could scratch the surface.
- Do **not** use any petrol products to not damage the plastic parts.
- After the cleaning procedure you should use a soft and dry cloth to wipe dry and polish the surface.
- If any lime scale deposited inside the device, simply remove it with a water-vinegar-solution.

6.3 Safety instructions for maintenance

- Check the mains connection cable for damage from time to time. Never operate the device when the cable is damaged. A damaged cable must immediately be replaced by customer service or a qualified electrician to avoid dangers.
- In case of damage or malfunction, please contact your stockist or our customer service centre. Pay attention to the troubleshooting tips in pt. 7.
- Only a qualified technician and using original spare parts and accessories should carry out repairs and maintenance of the device. **Do not attempt to repair the device yourself.**

7. Possible Malfunctions

PROBLEM	POSSIBLE CAUSE	SOLUTION
Device does not function.	<ul style="list-style-type: none"> • Device is switched off • Power supply is interrupted • Ambient temperature is below 10°C 	<ul style="list-style-type: none"> • Switch on the device • Check the power supply • See that an ambient temperature of more than 10°C is provided.
The compressor works but the device does not produce any ice cubes.	<ul style="list-style-type: none"> • Refrigerant is flowing out • Cooling system is blocked • Electromagnetic valve does not shut. • Fan motor of the condenser does not work • Sensor does not respond 	<ul style="list-style-type: none"> • Contact dealer • Contact dealer • Contact dealer • Check if the fan motor is running • Check, if the sensor is in a sound state and positioned correctly.
The compressor does not function.	<ul style="list-style-type: none"> • Water is flowing out • Tank is full • Compressor halts very often (Housing temperature is too high) 	<ul style="list-style-type: none"> • Check water supply, water valve and water supply hose • Remove the ice cubes from the ice cube tank. • Let the device cool off and switch it on after an hour.

The problem cases shown above are just for orientation and exemplary. If these or similar problems occur, switch off the device immediately and quit operation and use. Contact qualified personnel or your dealer immediately for inspection and repair.

8. Waste disposal

Discarding old devices

At the end of its service life the discarded device has to be disposed in accordance with the national regulations. It is advisable to contact a company which is specialized in waste disposal, or just contact the local disposal service in your community.



WARNING!

To exclude any abuse and the dangers involved make the waste device unfit for use before disposal. For that purpose disconnect device from mains supply and remove mains connection cable from the device.



NOTE!



For the disposal of the device please consider and act according to the national and local rules and regulations.

Bartscher GmbH
Franz-Kleine-Str. 28
D-33154 Salzkotten
Germany

phone: +49 (0) 5258 971-0
fax: +49 (0) 5258 971-120