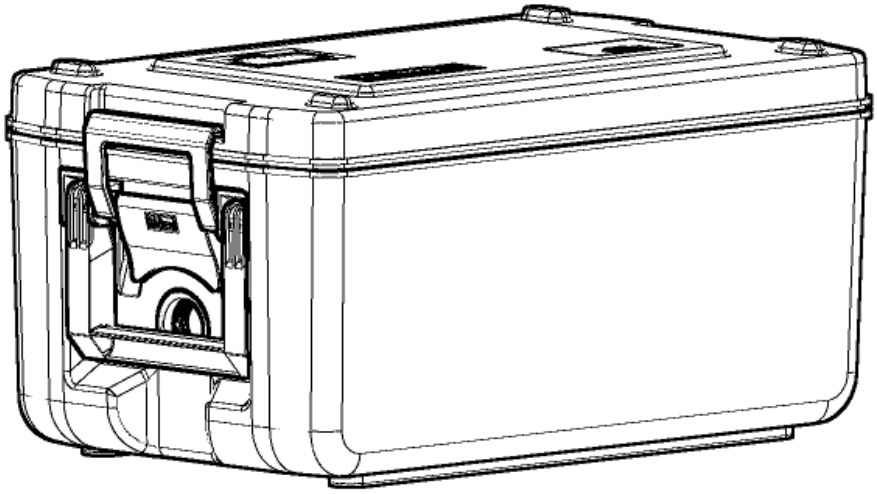
blu'box 26 plus hot

Original – User manual Art.-no. 4000339 / 4000410

blu'box 26 plus

Food transport box with opening, Art.-no. 4000410



Food transport box for the transport of food in hot condition

Incl. heating rod type H – BM R 0026, 240W, 220 - 240V, 50Hz

Actively heat able by a heating rod Art.-no. 4000743

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1 General

Read the operating instructions before use and pay attention to them. Should you have any reasons for justified complaints within the warranty period, it will be corrected free of charge. With the proof of purchase, which shows the date of purchase, the warranty can be asserted.

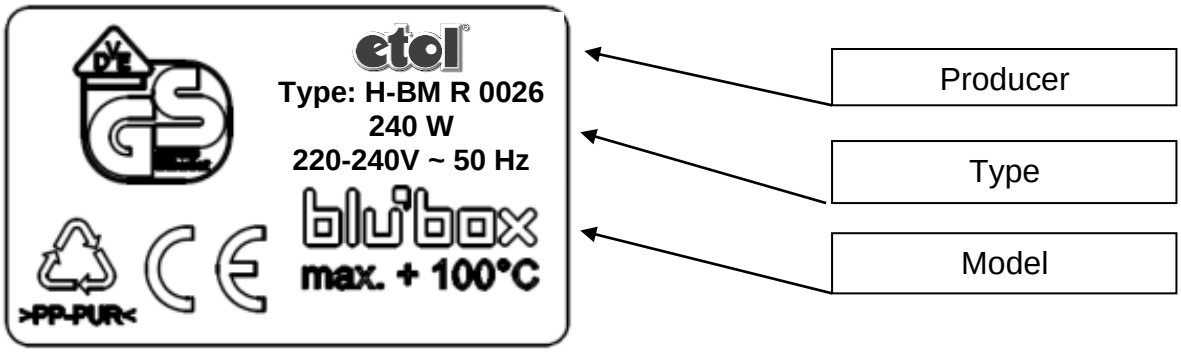
Damages in transit must be claimed at the forwarder at once and have to be confirmed on the shipping document.

This user manual also can be downloaded at the download area of plastics technology on our homepage www.etol.de

1.1 Symbol explanation

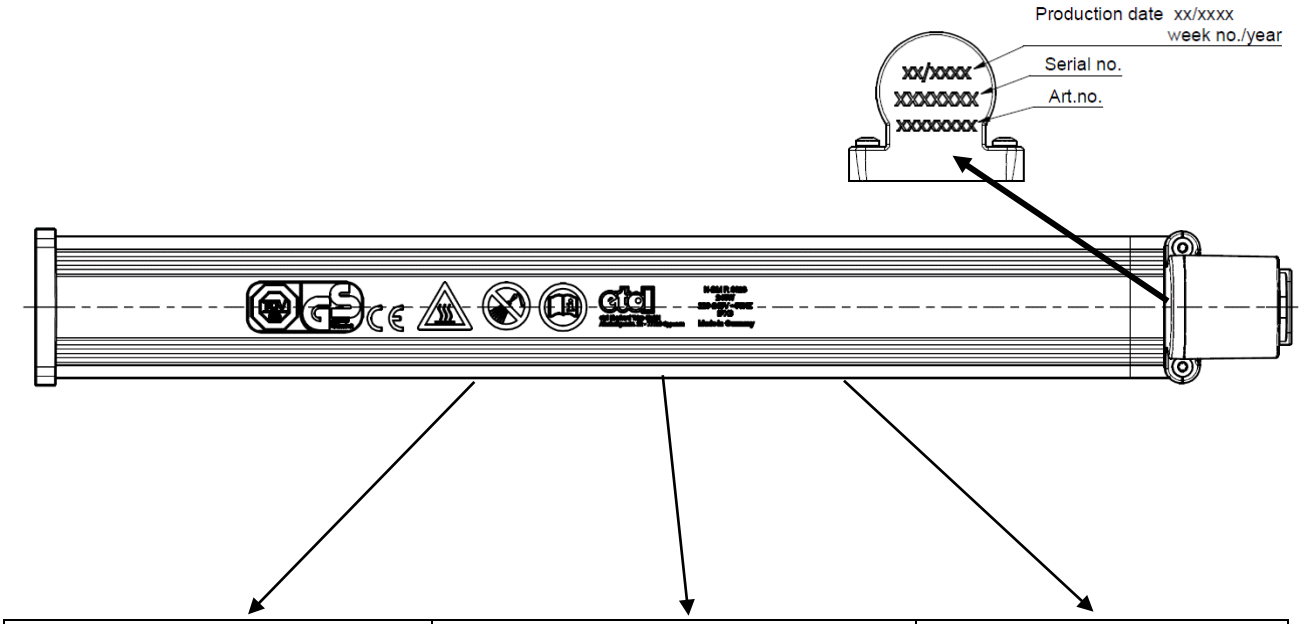
	Reference / attention
	Danger from electric strike
	Danger from hot surface
	Observe user manual
	Do not spray water on it

Type label of the food transport box, Art.-no. 4000339/4000410



CE – The food transport box agrees with the regulations of the European rules (see declaration of conformity)

Type label of the heating rod Art.-no. 4000743



Symbol	Producer	Type label
	etol **Etol Eberhard Tripp GmbH** **Allerheiligenstr. 12** **77728 Oppenau**	**H – BM R 0026** **240 W** **220 – 240 V ~ 50 HZ** **IPX3** **Made in Germany**

1.2 Warranty conditions

The statutory warranty periods apply.

1.3 Technical changes

We reserve the right of changes in the interest of technical progress.

2 Safety instructions

2.1 General safety instructions

The thermo container is **ONLY** used for keeping food warm and for the transport of already made food in hot condition.
The thermo container with a heating rod is used for actively keeping food warm before and after transport.
Keep children away from the food transport container.
If the power cord of this unit becomes damaged, it must be replaced by a special power cord available from the manufacturer or its service department.

2.2 Proper use of the food transport box

Only use the food transport box:

- in combination with suitable GN-containers. These must be closed with a press-in lid
- for keeping food hot.

2.3 Improper use of the transport box

Not intended use:

- Transport with open lid
- Transport while heating rod is attached to a power source
- As a heating unit
- To cook food
- To heat up cold food
- Cleaning the heating rod with water or high-pressure-cleaners
- Keeping food with large quantities of alcohol warm
- Heating or keeping things other than food warm
- Use as a climbing aid or to place down objects etc.
- Transporting food without the recommended GN-container
- Improper handling (throwing the containers, the heating rods or the lids) can lead to extensive damage.

The manufacturer / supplier is **NOT** liable for damage resulting from any of the above.

2.4 Operation of the heating rod Art.-no. 4000743

Only operate the heating rod:

- in connection with the designated food transport box blu’ box 26 plus Art.-no. 4000410.
- before and after the transportation of the food transport box

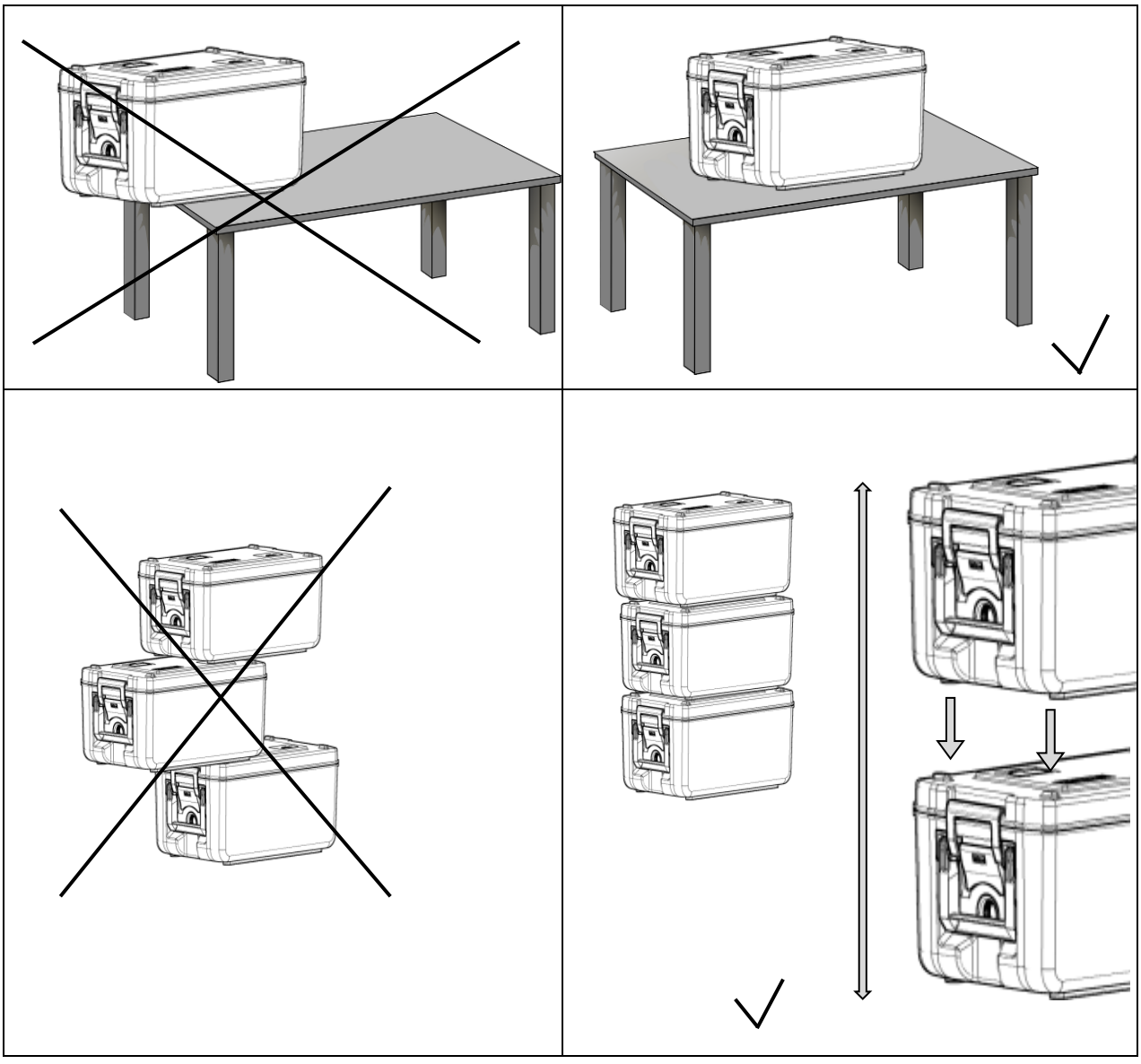
- in closed rooms or under rain protected, dry shelters but **ONLY** if you can guarantee that the electrical connections are kept dry.

2.5 Transportation and proper placement

ONLY move the food transport box with help of the carrying handles or means of transport provided for this purpose.

Secure the food transport box before placing and using the heating system by considering the following steps:

- Setting up a dry, stable, even, non-slipping surface (e.g. table)
- Ensure free access (remove possible obstacles).
- Place the food transport box so it is not tip-able
- **ONLY** use with technically perfect socket strips
- Secure the power plug and the socket strip against slipping and falling



2.6 Staff

The device may only be used by trained and qualified personnel.

The food transport box is **ONLY** allowed to be used in a perfect condition. Defective heating rods are **NOT** allowed to be used, please notify the supplier if so.

3 Handling

3.1 Before use

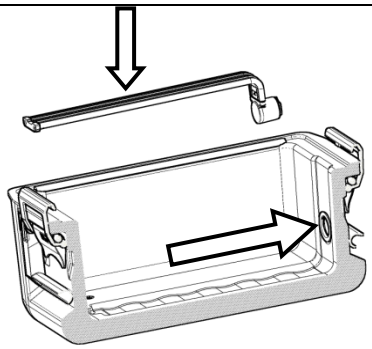
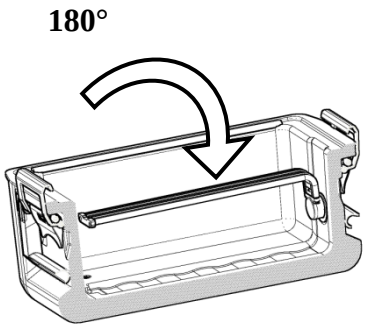
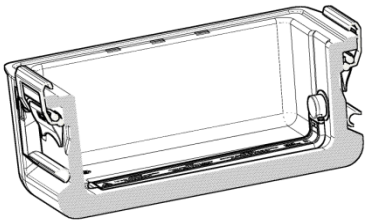
Thoroughly clean the container before use (short-term thermal disinfection is possible up to + 130 ° C). The food transport box is fully dishwasher-safe **WITHOUT** the heating element. Only use suitable cleaning agents such as ETOLIT 3000 and 8000 and commercially available cleaning agents. The heating system can be cleaned with a soft damp cleaning cloth.

3.2 Before connecting

The connection values must match those on the label. Ensure a good connection to the power supply system. Do not use an extension cord in wet rooms. **ONLY** use sockets in wet areas at 1m height.
DO NOT use outdoors

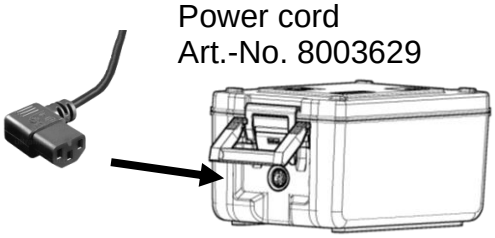
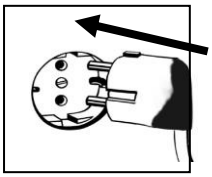
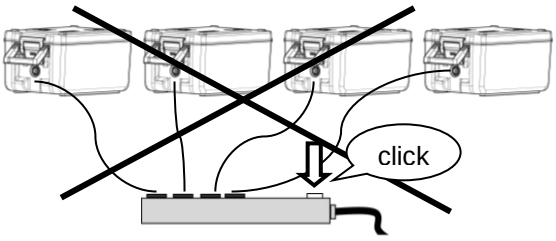
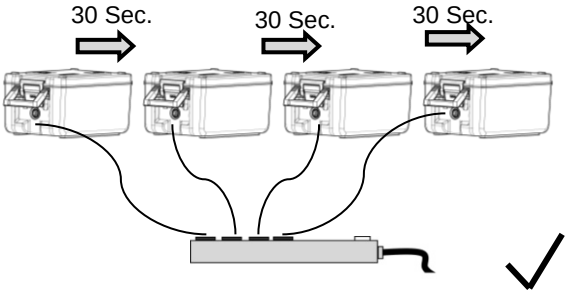
The heated blu'box 26 plus hot has an operating voltage of **1 N AC 220–240 V-50 Hz.**

3.3 Setting up the heating rod

		
Turn the heating rod on its head and push it into the opening of the container.	Turn the heating rod by **180°.**	Control the fitting of the heating rod which must be in the deepening in the bottom of the container.

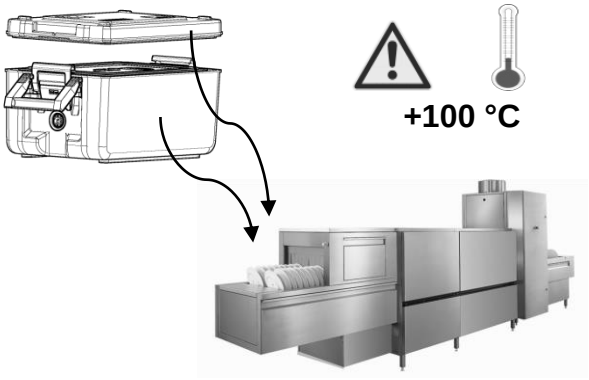
3.4 Connecting / switching on the food transport box

Pay attention to the fitting of the heating rod (see page 7 point 3.3).
Move the food transport container to a suitable position (see safety instructions).

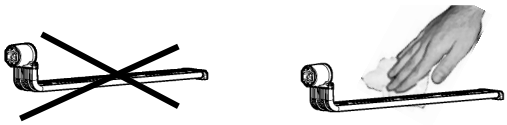
Power cord Art.-No. 8003629  Connect the power cord Art.-No. 8003629 to the heating rod.	Connection line Type H05RN - of F3G1,0²  10/16 Ampere 1N AC 220-240V 50HZ **NOW** connect the connection cable to the power supply and the heating rod will start to work.
 If several heaters are switched on at the same time, the power fuses may be triggered.	 Insert several heaters one after the other with about 30 seconds inbetween each other.

3.5 Operation / Loading

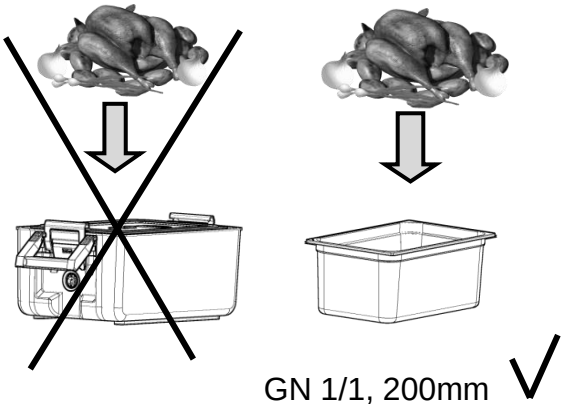
Use an explanation



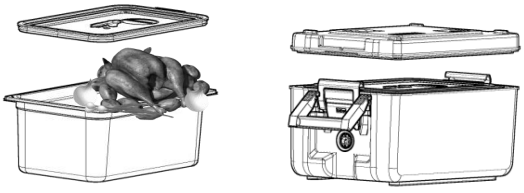
Thoroughly clean the container before use (short-term thermal disinfection is possible up to + 130 °)



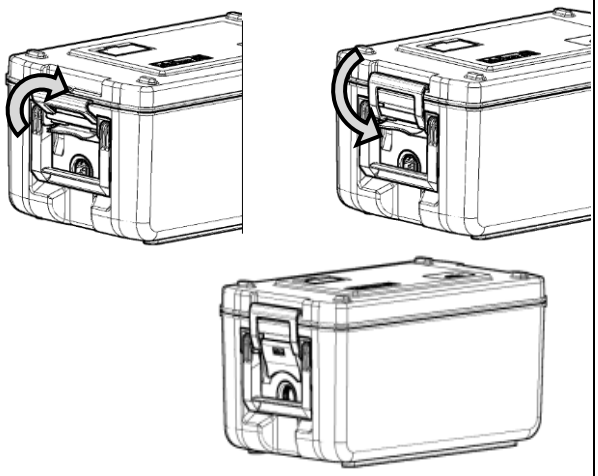
Heating rod is **NOT** allowed in the dishwasher, **ONLY** clean it with use of a moist cleaning cloth.



Only transport the food with the help of GN-containers,
NOT in the box itself.



Close GN-container with plug cap and hang it in the box.
Operating temperature range:
- 20 ° C to + 100 ° C



Close the box as shown in the picture with help of the clip locks Art.-no. 8001627 on both sides.

Now connect the power cord to a 220 – 240 Volt-Net –outlet, which are secured with 10/16 Ampère.

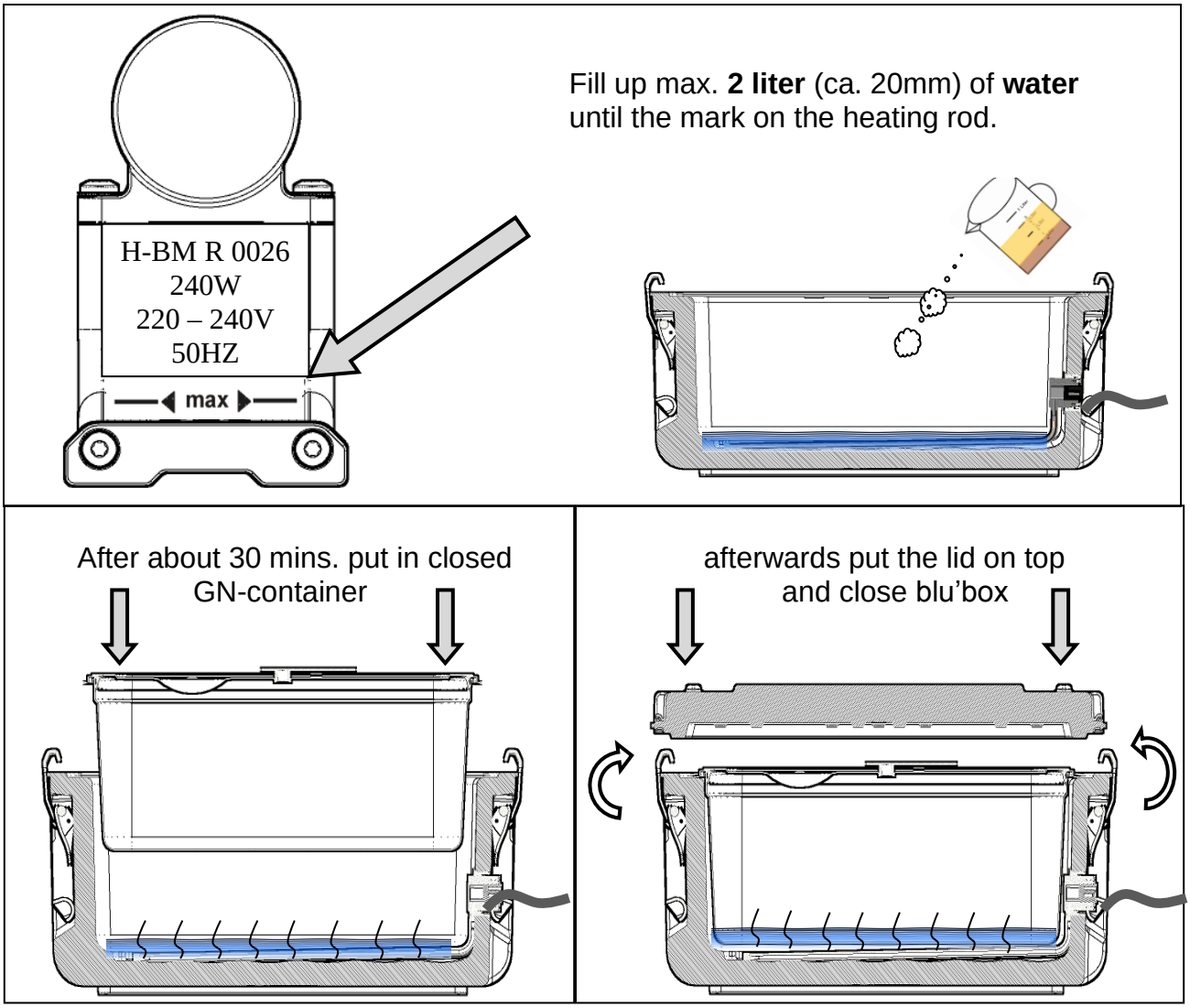
Now the blu'box 26 plus hot is ready for use, the temperature regulates itself at approx. 125 ° C (PTC heating element).

The blu'box 26 plus hot can be equipped with a water bath (recommended) as bain-marie, but can also be used without a water bath (dry).

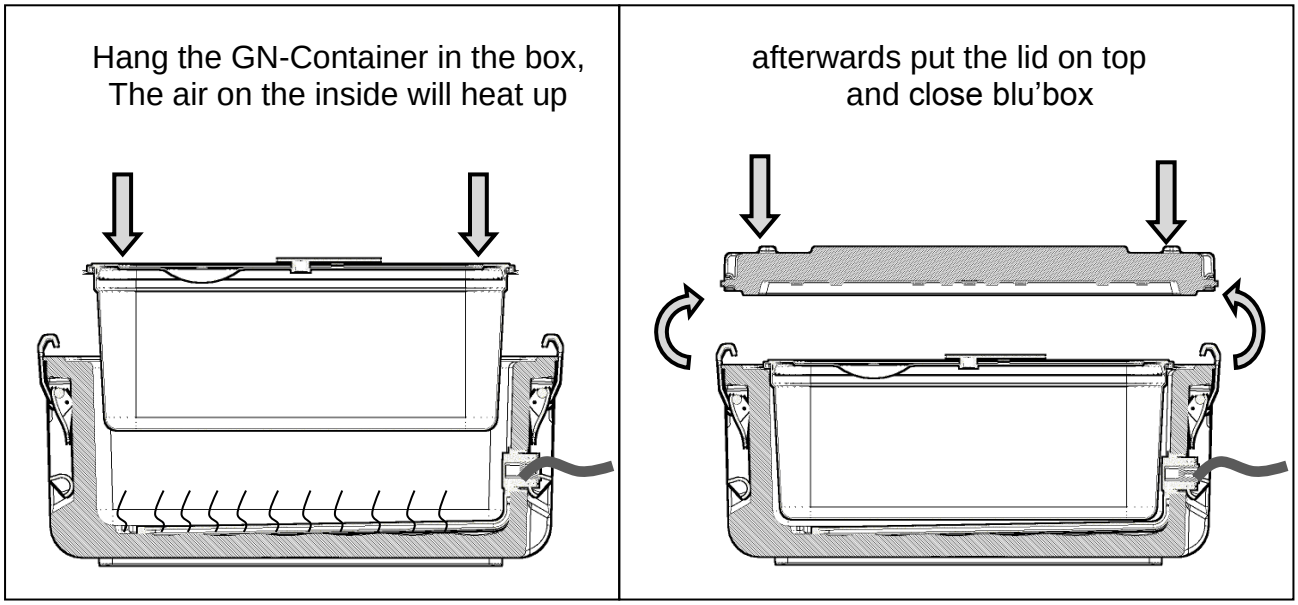
For better results, it is beneficial to preheat the food transport box for about 30 minutes before inserting the GN-container. Then keep closed with help of the lid. Please **ONLY** put hot food in sealed GN-containers.

The metal surfaces in the interior can become hot during operation. These parts must ONLY be touched with suitable protective equipment. Use suitable protective equipment against burning and scalding.

- **Bain-Marie-Principle**



- **Dry operation**

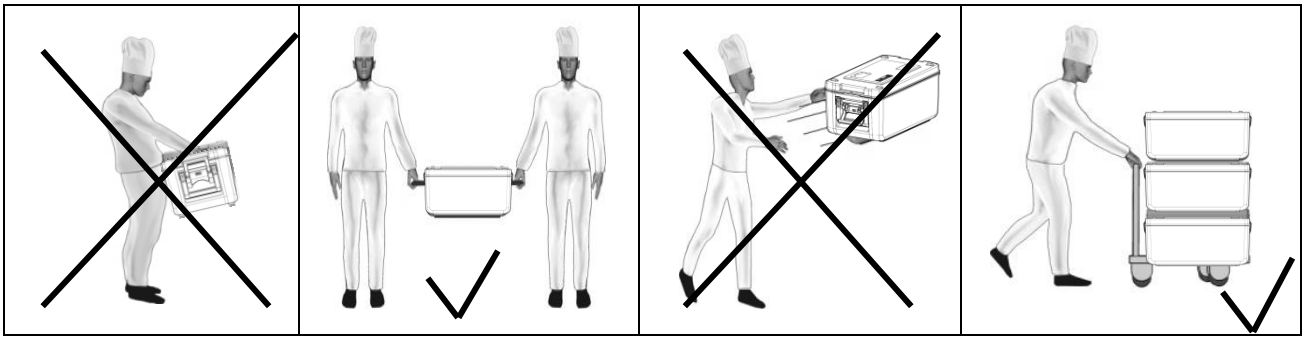


NOTE: In dry operation, the efficiency deteriorates considerably!

ATTENTION: Do not clean the heater socket with water!
Wipe the heating rod with a damp cloth.

The blu'box 26 can be used for passive transportation without the heating rod.
Procedure: Remove heating rod from power source according to the instructions and close the opening for the heater with the sealing plug Art.-No. 8007410.

3.6 Transportation with persons



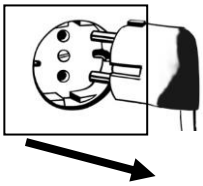
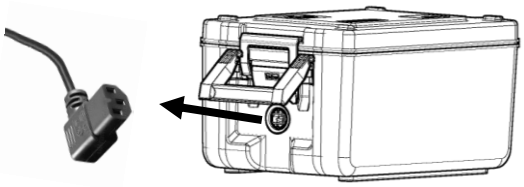
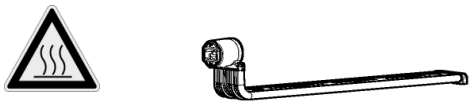
3.7 Transportation with vehicles

The general rules for securing loads apply to transport in vehicles. The food transport boxes may **NOT** be transported unsecured in the vehicle.

3.8 Removal of the GN-Container / food distribution

	Please ensure a secure position of the food transport box. **DO NOT** stack more than **four** boxes on top of each other.
	DO NOT put the GN - container on the food transport box! (danger of burns by touching the heating element).
	When removing and serving the food, make sure that especially liquids (sauces and similar) DO NOT come into contact with the power plug.

3.9 After use

	Disconnect the power cord Art.-no. 8003629 from power source 10/16 Ampere 1N AC 220-240V 50HZ
	Disconnect the power cord Art.–no. 8003629 from the heating rod.
	DO NOT touch the heater without wearing protective gloves as it may cause burns. After use, the heater must still cool off.
	Remove the heating rod with a 180 ° turn from the container (see page 7).

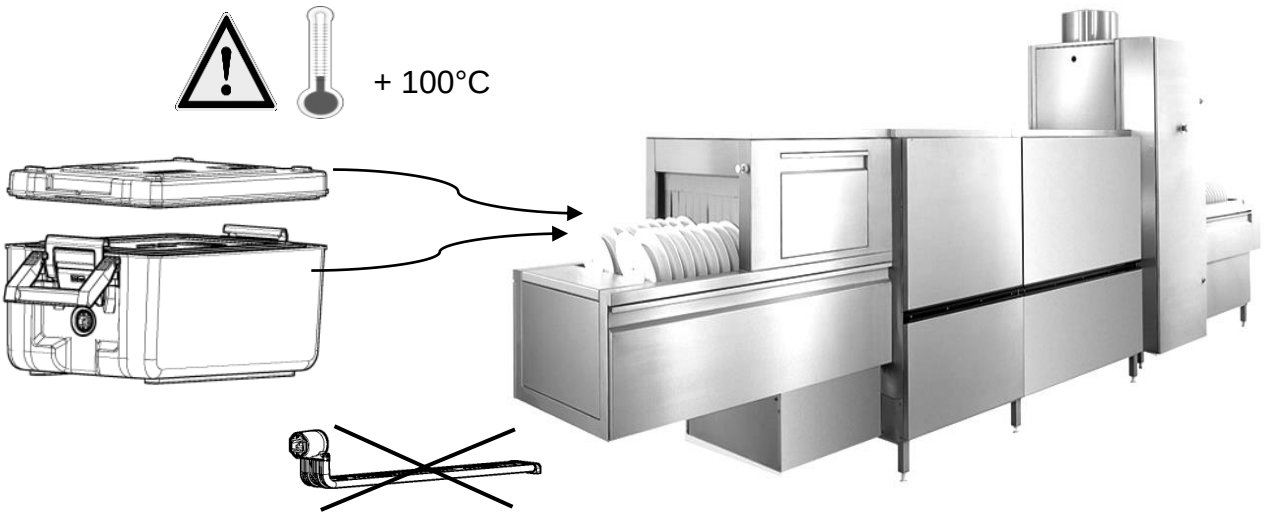
3.10 Cleaning / Maintenance

Before cleaning the food transport box, pull out the power cord,
let the heating rod cool down, turn the heating rod by 180 ° and remove it.

Thoroughly clean your food transport box - especially in the interior.
Dirt, salt and calcification deposits can cause corrosion damage for which the manufacturer is **NOT** liable.

The food transport box is fully dishwasher-safe. For cleaning we recommend ETOLIT 3000 and 8000. Please avoid the use of high-pressure cleaners if they exceed working temperatures of + 130 ° C. The container may **ONLY** be washed in the dishwasher **WITHOUT** the heating rod.

To clean the heater, **ONLY** wipe it with a damp cloth.
DO NOT clean the heater in the dishwasher.



DO NOT clean the heating rod in the dishwasher!

- **Cleaning the heating rod**

NO liquid in the area of the plug connection!

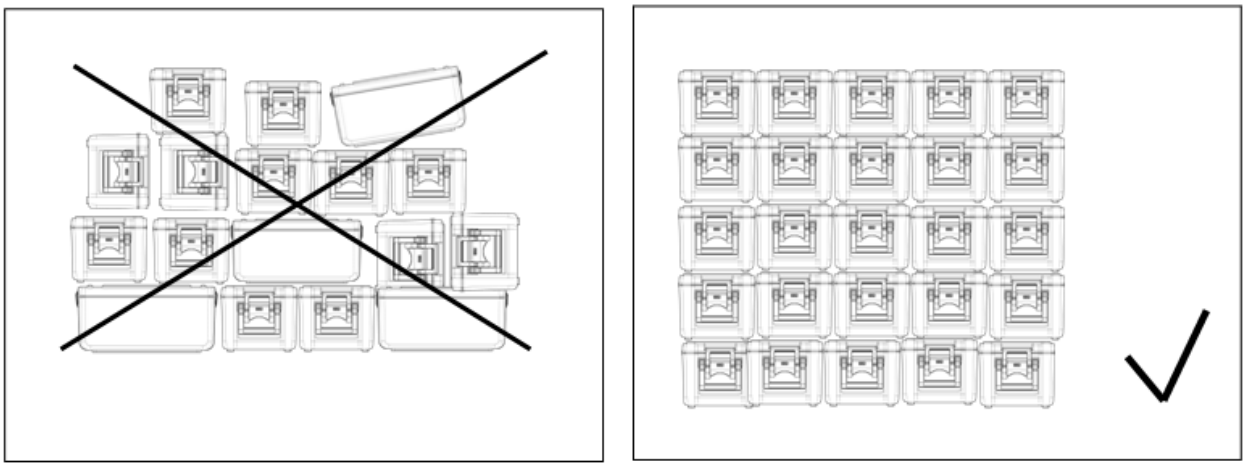
Wipe off the heating rod with a damp cloth.

<u>Decalcification of the heating rod:</u>

- 5% citric acid
- at about 50 ° C - Leave for about 30 min
- rinse with clear water
- let it dry

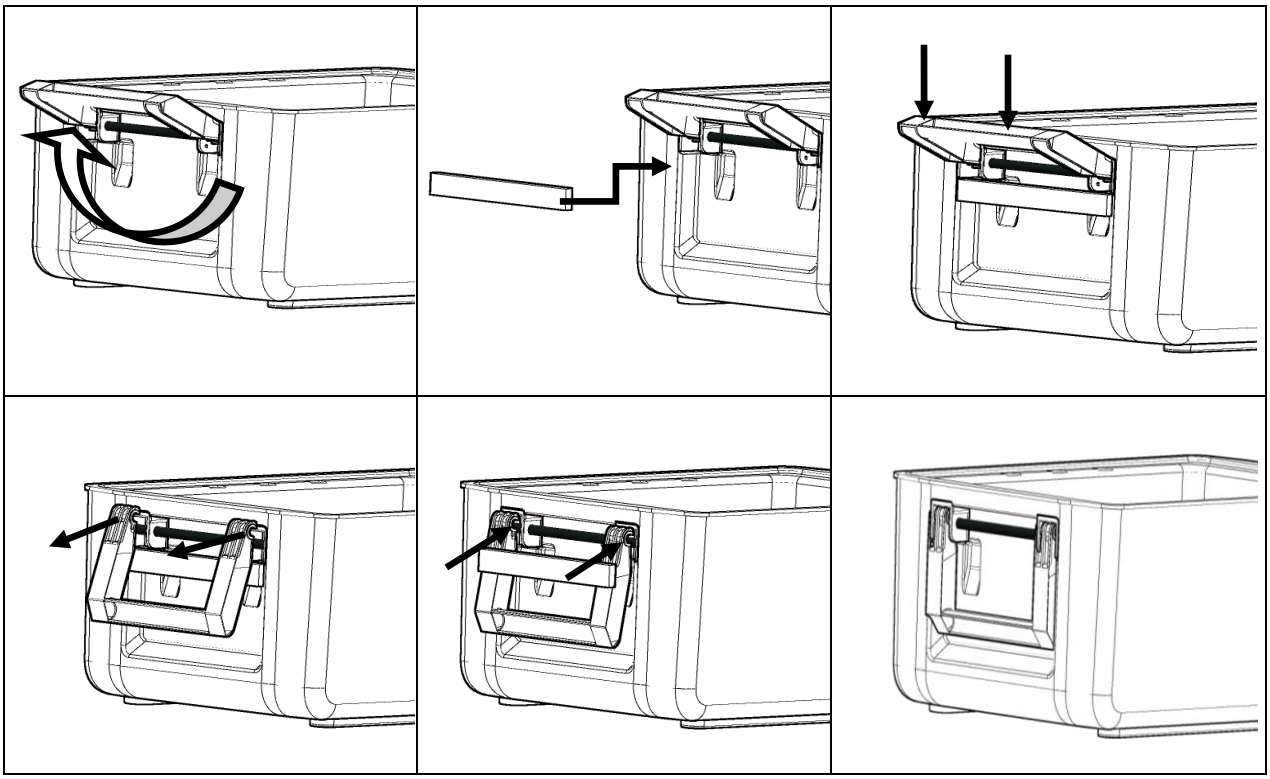
4 Storage

The food transport boxes must be stacked correctly and stored in dry, clean rooms (see page 13). When the food transport box is moved from a cold storage room to a kitchen, the moisture contained in the room condenses on the surface of the food transport box. The moisture film creates the risk of a short circuit or electric shock when the food transport box is connected. Only operate the food transport box when it has reached room temperature. Please **ONLY** stack **5** food transport boxes on top of each other at the most.

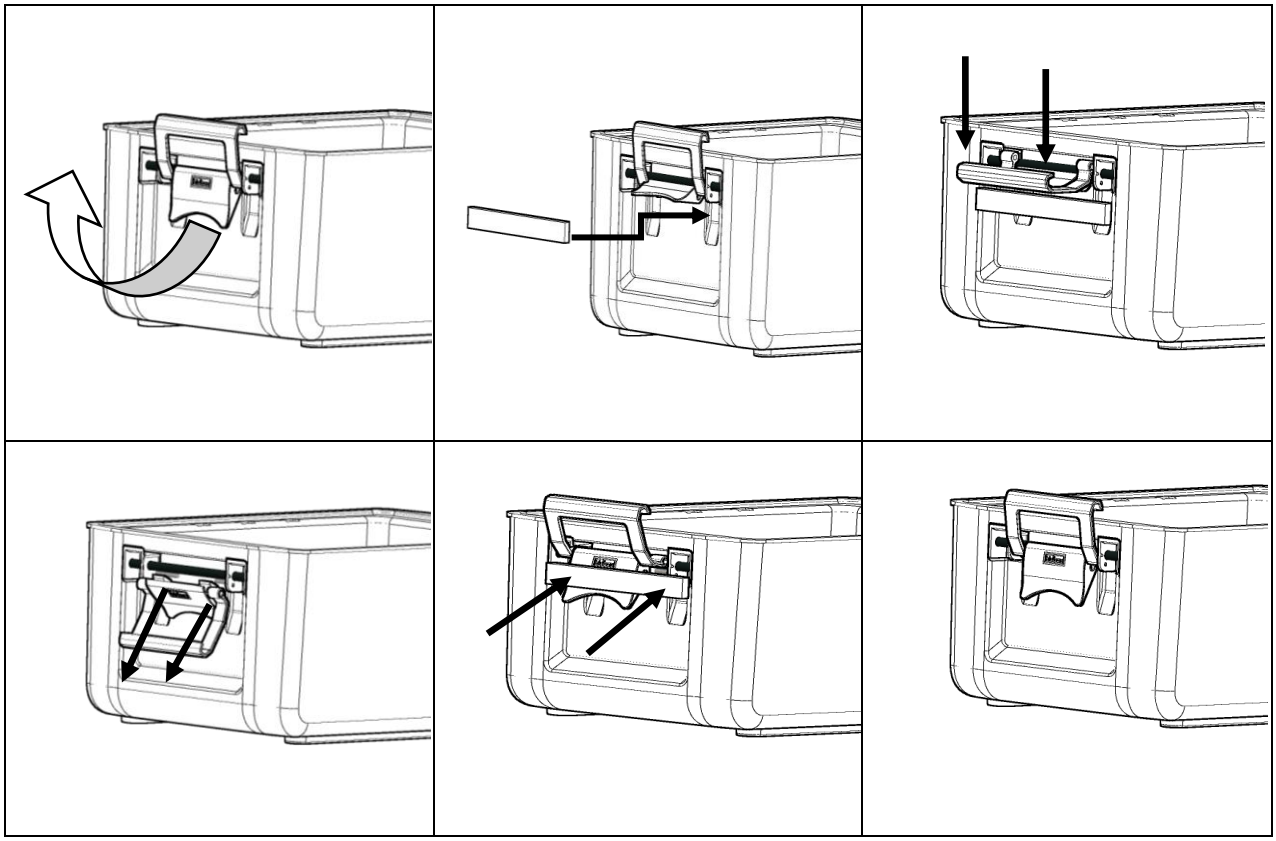


5 Disassembly and assembly

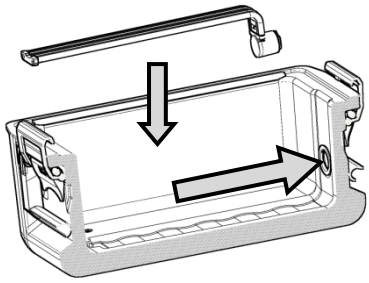
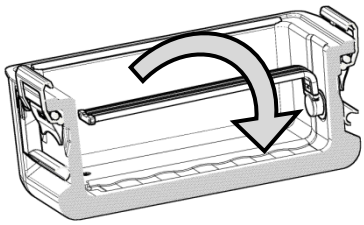
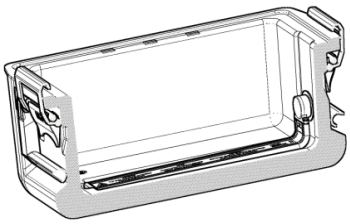
5.1 Disassembly and assembly of the handles Art.-no. 8001621



5.2 Disassembly and assembly of the clip closure Art.-no. 8001627



5.3 Disassembly and assembly of the heating rod Art.-no. 4000743

		
Turn the heating rod on its head and push it into the opening of the container.	Turn the heating rod by 180 °.	Check the seat of the heating rod, which must be in the dent in the bottom of the tank.

6 Maintenance / Repairs

An inspection in accordance with DGUV regulation 3 must be carried out regularly by authorized personnel.

Reclamation:

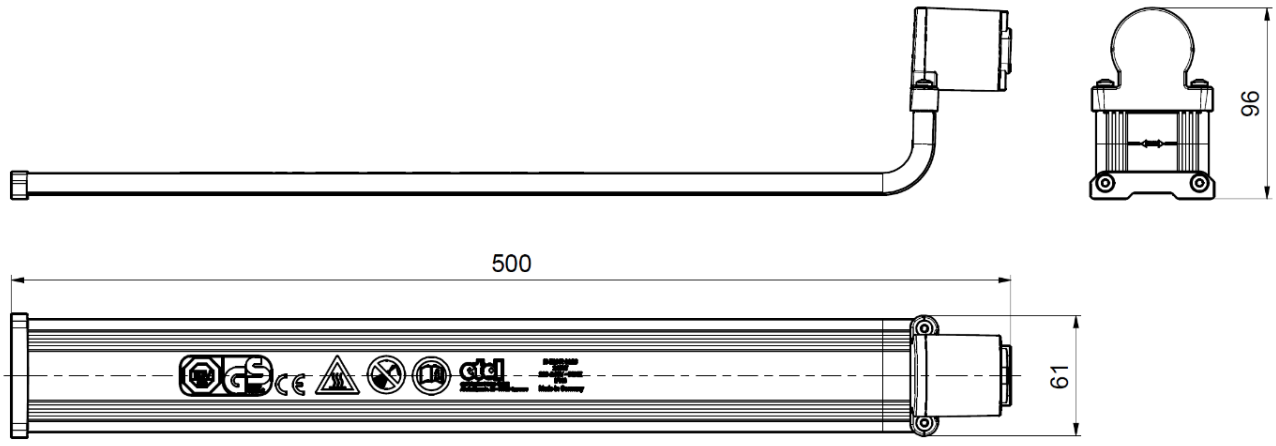
Please state the device type and the device number in case of complaints.
Repairs to the heating rod may NOT be made by yourself.
The food transport box with a heating rod may ONLY be repaired by etol personnel.
By opening the heater any warranty expires and any liability is excluded.
To carry out repairs, please notify the producer.

- **Producer**

etol Eberhard Tripp GmbH • Allerheiligenstraße 12 • 77728 Oppenau • Germany
T. + 49 (0) 7804 410 www.bluline.de - info.bluline@etol.de

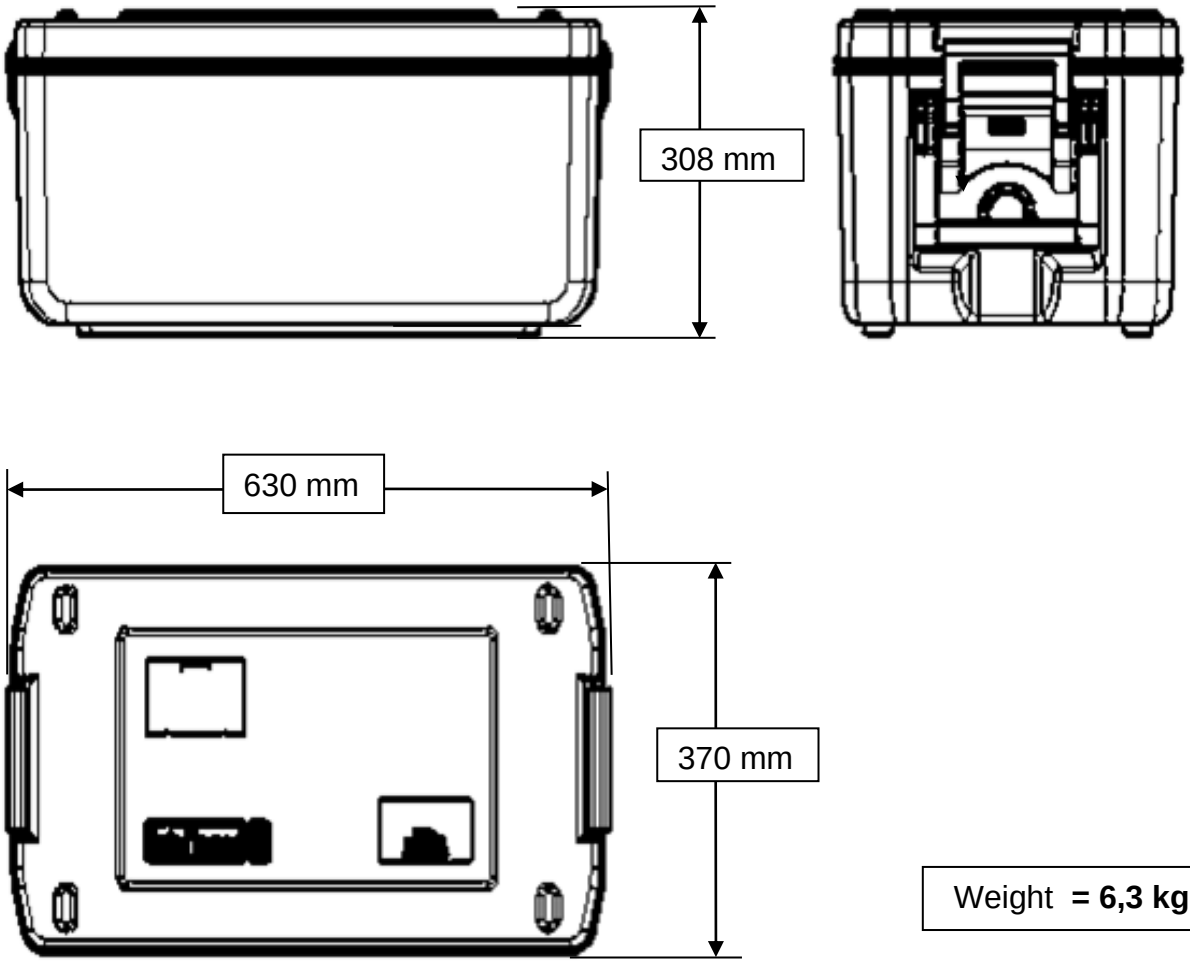
7 Technical data

- **Main dimensions of the heating rod Art.-No. 4000743**



Line voltage:	1N AC 220-240V / 50Hz (10/16 Ampere)
Current consumption:	240 W
Weight:	0,70 kg

- **Main dimensions and weight - Food transport container Art. No. 4000410**

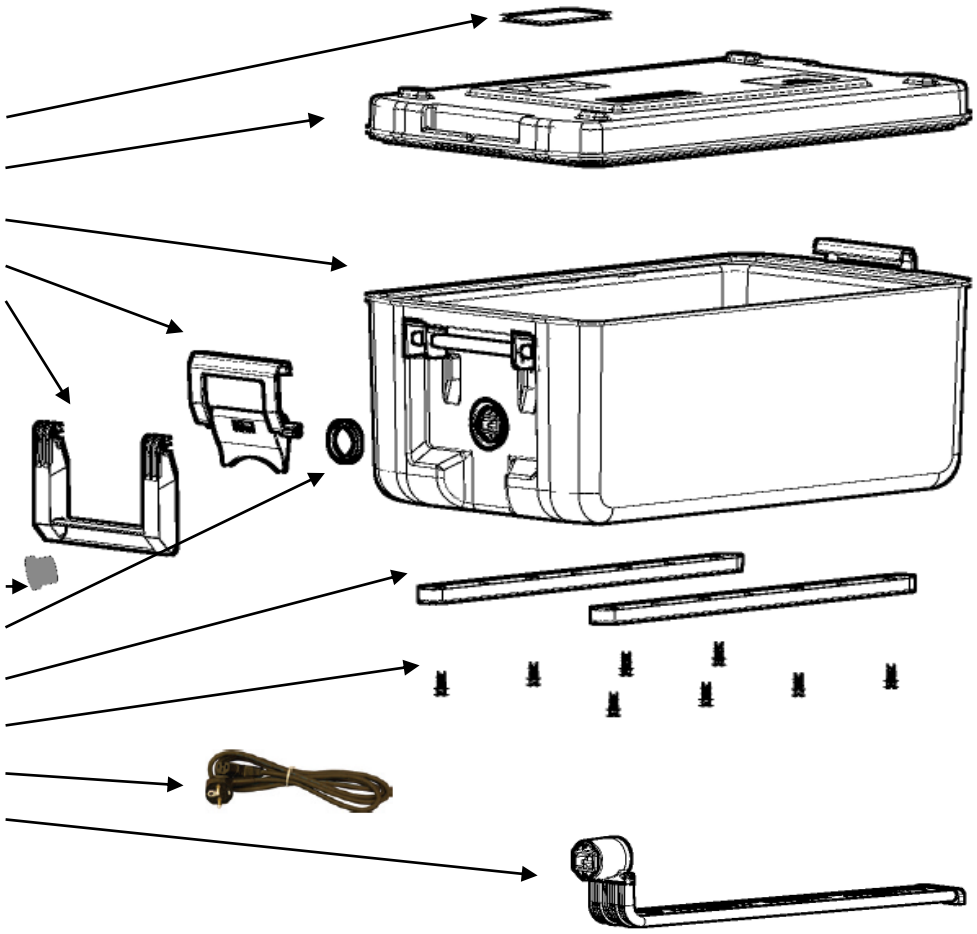


Weight **= 6,3 kg**

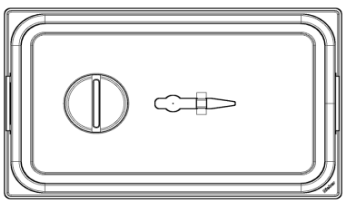
8 Spare parts

1 x	664100272
1 x	664201429
1 x	664201494
2 x	8001627
2 x	8001621

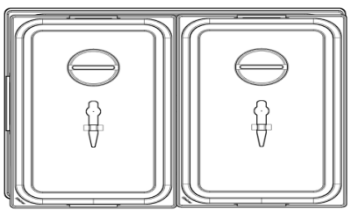
1 x	8007410
1 x	8001739
2 x	8001620
8 x	8007399
1 x	8003629
1 x	4000743



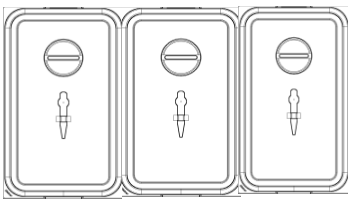
- **Loading examples**



GN 1/1, 200mm

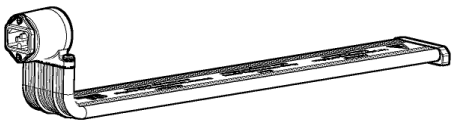
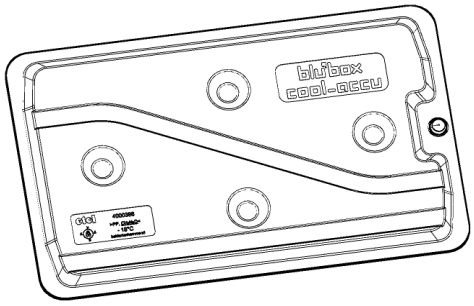
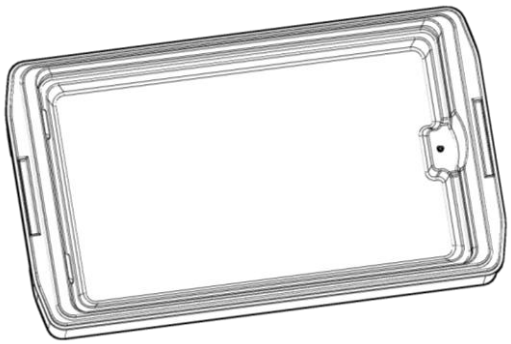
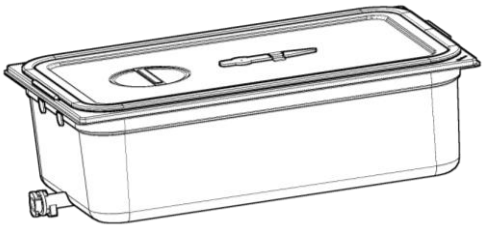


GN 1/2, 200mm



GN 1/3, 200mm

8.1 Optional additional parts

HEATING Heating rod **Art.-No. 4000743**	
COOLING cool – accu **Art.-no. 4000388** in combination with a high cover **Art.-no. 664201677**	 
LIQUIDS Stainless steel – Beverage container **Art.-no. 8001845**	

9 Declaration of confirmity

EU-Konformitätserklärung

etol Eberhard Tripp GmbH
Allerheiligenstraße 12
77728 Oppenau

Produktbezeichnung: Type of Product:	Großküchen-Speisetransportbehälter Food transport container
Marke/Trademark:	etol
Typenbezeichnung/Model:	H-BM R 0026

Hiermit erklären wir eigenverantwortlich, dass die in dieser Erklärung aufgeführten Produkte mit den grundlegenden Anforderungen der aufgelisteten EG-Richtlinien übereinstimmen.
We declare, under our sole responsibility, that the products to which this declaration refers, comply with essential requirements of the following EC Directives.

Maschinenrichtlinie: 2006/42/EG	Machinery Directive: 2006/42/EC
EMV-Richtlinie: 2014/30/EG	EMC Directive: 2014/30/EC
ROHS 2 Beschränkung gefährlicher Stoffe: 2011/65/EG	EU RoHS 2 Restricted Substances: 2011/65/EC

Die Produktkonformität wurde anhand der folgenden Standards bewertet:
Product´s conformity has been assessed by applying following standards:

- DIN EN 60335-1, DIN EN 60335-2-49, DIN EN 60335-2-50, DIN EN 62233,
- DIN EN 55014, DIN EN 61000-3-2, EN 61000-3-3
- DIN EN IEC 63000

Die Erklärung gilt vorbehaltlich bestimmungsgemäßen Gebrauchs, wie in unserer Bedienungsanleitung beschrieben. Bei einer nicht mit uns abgestimmten Änderung der oben genannten Produkte verliert diese Konformitätserklärung ihre Gültigkeit.
The declaration applies subject to the intended use as described in our operating instructions. If any alteration of the above-mentioned products is made without our prior agreement, this declaration of conformity loses its validity.

Bevollmächtigter für die technische Dokumentation:
Authorized representative for technical documentation:

Herr Eckert Wolf, Technischer Leiter

Ausstellungsdatum/Issue date:	27.04.2020
Ort/Issued at:	Oppenau

Unterzeichner/Signatory:

etol Eberhard Tripp GmbH
Allerheiligenstraße 12 · 77728 Oppenau

ppa. E. Wolf

Eckert Wolf, Technischer Leiter/Technical Manager

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