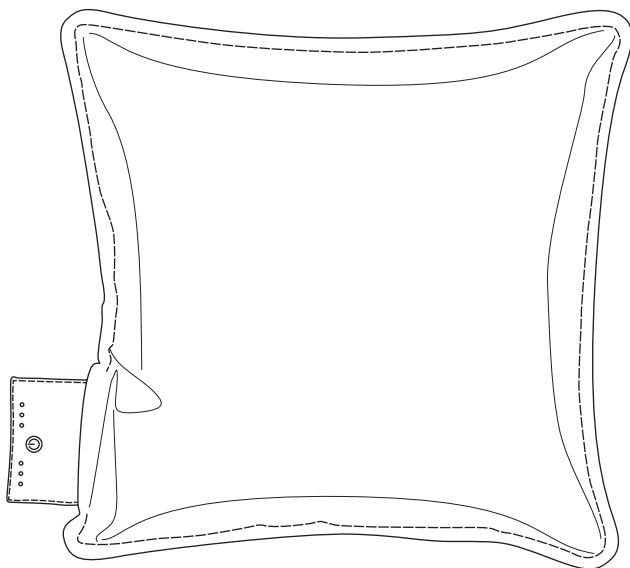


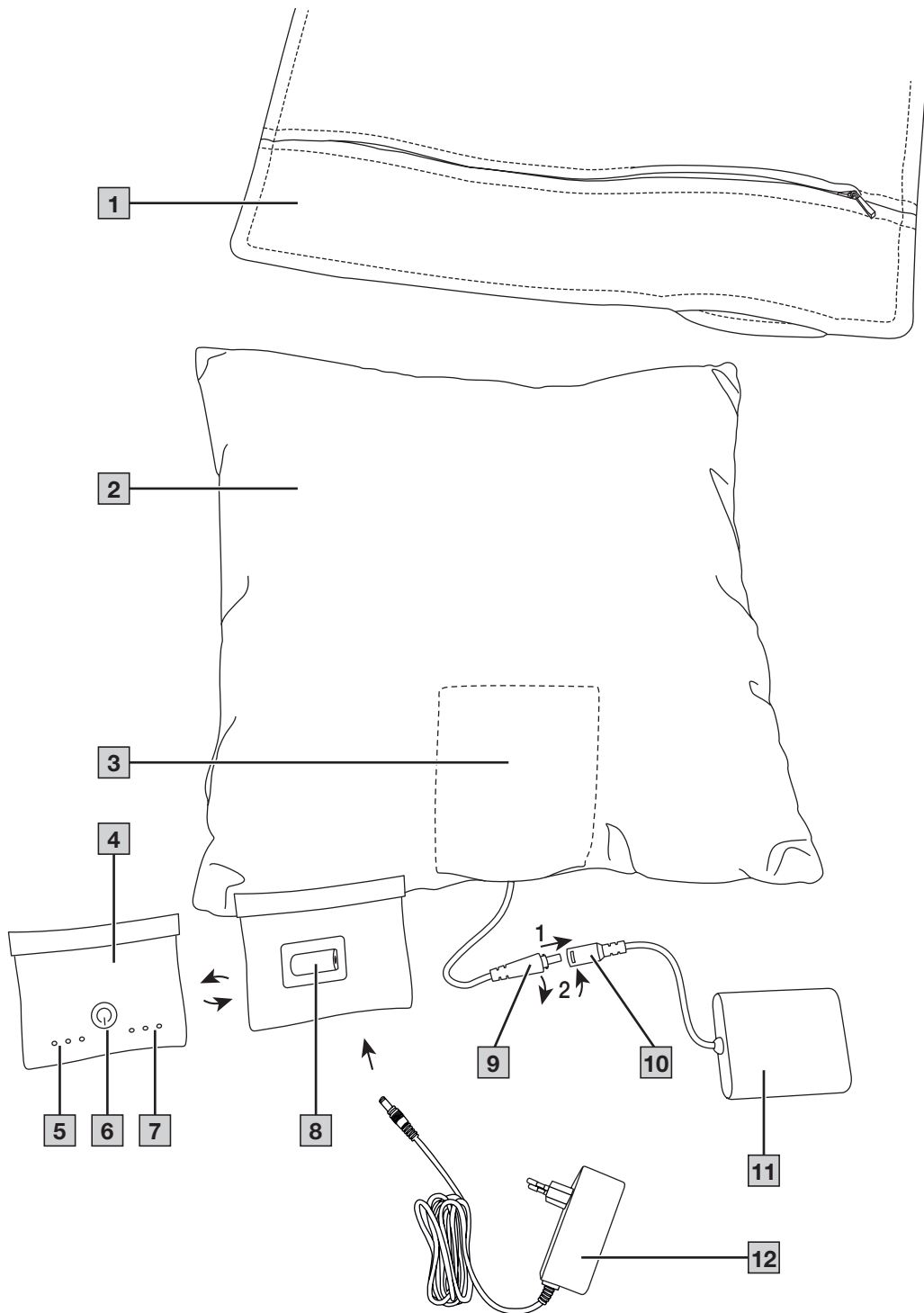
# beurer

HK 77 Heaty  
HK 78 Heaty



**EN** Battery-operated heating pad  
Instructions for use





 **Read these instructions for use carefully. Observe the warnings and safety notes. Keep these instructions for use for future reference. Make the instructions for use accessible to other users. If the device is passed on, provide the next user with these instructions for use.**

**In this document, the heated cushion together with the lithium-ion battery and cushion cover is referred to simply as “device”.**

**In this document, the heated cushion without the lithium-ion battery or cushion cover is referred to simply as “heating element”.**

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## 1. INCLUDED IN DELIVERY



















Check that the exterior of the cardboard delivery packaging is intact and make sure that all contents are present. Before use, ensure that there is no visible damage to the device or accessories and that all packaging material has been removed. If you have any doubts, do not use the device and contact your retailer or the specified Customer Service address.










- 1 heating element
- 1 cushion cover
- 1 lithium-ion battery
- 1 mains adapter
- 1 copy of instructions for use

## 2. SIGNS AND SYMBOLS

The following symbols are used on the device, in these instructions for use, on the packaging and on the type plate for the device:

	<b>WARNING</b>
Indicates a potentially impending danger. If it is not avoided, there is a risk of death or serious injury.	
	<b>CAUTION</b>
Indicates a potentially impending danger. If it is not avoided, slight or minor injuries may result.	
	<b>NOTICE</b>
Indicates a potentially harmful situation. If it is not avoided, the system or something in its vicinity may be damaged.	
	<b>Product information</b> Note on important information
	Read the instructions
	Do not use folded or rucked
	Do not insert pins
	Not to be used by very young children (0 - 3 years)

	Manufacturer
	Protection class II device
	Protection class III device
	Direct current
	Alternating current
	Polarity of d.c. power connector
	Energy efficiency level 6
	For indoor use only
	Protected against solid foreign objects 12.5 mm in diameter and larger
	Safety isolating transformer, short-circuit proof
	Switch mode power supply unit
	Do not use the power adapter if the plug is damaged.
	Maximum altitude 5 000 m
	Tested for safety in accordance with the requirements of the “Produktsicherheitsgesetz” (German Product Safety Act)
	This product satisfies the requirements of the applicable European and national directives.
	United Kingdom Conformity Assessed Mark
	The products demonstrably meet the requirements of the Technical Regulations of the EAEU.
	The electronic device must not be disposed of with household waste

	Marking to identify the packaging material. A = Material code, B = Material number: 1-7 = Plastics, 20-22 = Paper and cardboard
	Separate the product and packaging elements and dispose of them in accordance with local regulations.
	This device meets the high requirements of OEKO-TEX® STANDARD 100 for human ecology as verified by the Hohenstein Research Institute.
	Wash at a maximum temperature of 30 °C Very gentle wash
	Do not wash
	Do not bleach
	Do not tumble dry
	Do not iron
	Do not dry clean

### 3. SAFETY NOTES

## IMPORTANT INSTRUCTIONS – RETAIN FOR FUTURE USE

#### **⚠ WARNING**

- Non-observance of the following notes may result in personal injury or material damage (electric shock, skin burns, fire). The following safety and hazard information is not only intended to protect your health and the health of others, it should also protect the device. For this reason, pay attention to these safety notes and include these instructions when handing over the device to others.
- This device must not be used by persons who are not sensitive to heat or by other vulnerable persons who may not be able to react to overheating (e.g. diabetics, persons with skin alterations due to illness or scarred tissue in the application area, after taking pain relief medication or alcohol).
- This device must not be used by very young children (0-3 years old) as they are unable to respond to overheating.
- The device can be used by children older than 3 and younger than 8 years of age provided they are supervised. For this, the control unit must always be set to the minimum temperature.
- This device may be used by children over the age of 8 and by people with reduced physical, sensory or mental skills or a lack of experience or knowledge, provided that they are supervised or have been instructed on how to use the device safely, and are fully aware of the consequent risks of use.
- Children must not play with the device.
- Cleaning and user maintenance must not be performed by children unless supervised.
- This device is not designed for use in hospitals.
- The device is only intended for domestic/private use, not for commercial use.
- Do not insert pins.
- Do not use folded or rucked
- Do not use if wet.
- This device must only be used in conjunction with the lithium-ion battery specified on the label.
- This device must only be connected to the mains voltage that is specified on the label.
- Only operate the device with the mains adapter provided and at the mains voltage specified on the mains adapter.

- If the device is being used over several hours, we recommend that you set the lowest temperature setting on the control unit to avoid overheating the body part being heated, which may lead to burns to the skin.
- The electrical and magnetic fields emitted by this device may interfere with the function of your pacemaker. However, they are still well below the limits: electrical field strength: max. 5000 V/m, magnetic field strength: max. 80 A/m, magnetic flux density: max. 0.1 millitesla. Please therefore consult your doctor and the manufacturer of your pacemaker before using this device.
- Do not pull, twist or make sharp bends in the cables.
- Check this device frequently for signs of wear and tear or damage. If any such signs are evident, if the device has been used incorrectly or if it no longer heats up, it must be checked by the manufacturer before being switched on again.
- Under no circumstances should you open or repair the device (including the accessories) yourself, as faultless functionality can no longer be guaranteed thereafter. Failure to observe will invalidate the guarantee.
- If the cable of the heating element or the lithium-ion battery is damaged, it must be replaced by the manufacturer, its customer service department, or a similarly qualified person to avoid any risk.
- Do not expose the control unit and cables to direct sunlight.
- When this device is switched on:
  - sharp-edged objects must not be placed on it,
  - heat sources such as hot-water bottles or similar must not be placed on it.
- The lithium-ion battery must not be on the heating element or any other external heat source when the device is in operation.
- The cells in the lithium-ion battery cannot be replaced.
- Allow the device to cool down before storing it away. Failure to observe this may result in damage to the device.
- To avoid severe creasing in the device, do not place any objects on top of it while it is being stored. Otherwise the device may get damaged.
- It is essential to observe the information relating to the following chapters: Operation, Cleaning and maintenance, Storage.
- If you should have any questions about using our devices, please contact our Customer Services department.

#### 4. INTENDED USE

##### **⚠ CAUTION**

This device is only designed to warm up the human body.

#### 5. DEVICE DESCRIPTION

The associated drawings are shown on page 3.

- 1** Cushion cover
- 2** Heating element / inner cushion
- 3** Storage pouch for lithium-ion battery
- 4** Control unit
- 5** Illuminated display for the charge level (white)
- 6** ON-OFF button
- 7** Illuminated display for temperature settings (red)
- 8** Connection socket of the control unit
- 9** Connector plug of the connection cable
- 10** Connection socket of the connection cable to the battery
- 11** Lithium-ion battery
- 12** Mains adapter

## 6. OPERATION

### 6.1 Safety

#### NOTICE

- The device is fitted with a SAFETY SYSTEM. This sensor technology provides protection against overheating across the entire surface of the heating element with an automatic switch-off in the event of a fault. Once the SAFETY SWITCH-OFF has taken place, the displays no longer light up when switched on. After cooling down to room temperature, the device can be switched on again.

### 6.2 Initial use

#### Charging the lithium-ion battery

#### CAUTION

The lithium-ion battery [11] must be charged prior to initial use or if the device has not been used for a long period.

- Make sure that the connection cable of the heating element [9] and the connection cable of the lithium-ion battery [10] have been connected correctly.
- Connect the connector plug of the mains adapter [12] to the connector socket on the control unit [8].
- Plug the supplied mains adapter [12] into a suitable socket with a mains voltage corresponding to the specifications on the mains adapter.
- During the charging process, the white LEDs on the control unit [5] flash according to the charge level.
- The lithium-ion battery [11] is fully charged when all three white LEDs are permanently lit (it takes approx. 3 hours to fully charge a flat lithium-ion battery).
- After the control unit has been disconnected from the mains adapter, the white LEDs light up for a few seconds depending on the charge level.
- The lithium-ion battery [11] should be charged at least once a year to retain its capacity.
- While charging, do not cover the lithium-ion battery [11] with covers, cushions or similar items.
- Only charge the lithium-ion battery [11] in a dry environment and at normal room temperature.

#### Checking the charge level of the lithium-ion battery

The current charge level of the lithium-ion battery is displayed on the control unit by the three white LEDs:

- 1 illuminated LED =  $\geq 40\%$
- 2 illuminated LEDs =  $\geq 60\%$
- 3 illuminated LEDs =  $\geq 80\%$

#### Connecting the heating element to the lithium-ion battery

- Insert the connector plug of the heating element's connection cable [9] into the connection socket [10] on the lithium-ion battery [11]. Then place the lithium-ion battery into the built-in storage pouch [3] on the inner cushion [2]. The device is then ready for use.
- The side of the device (= side with ON/OFF button [6]) must be turned towards the body for an optimal heat transfer.

### 6.3 Switching on

Press and hold the ON-OFF button [6]. When switched on, the displays on the control unit [4] are lit up.



Switching sequence: 3-1-2-3-1...

### 6.4 Setting the temperature

To change the temperature, press the ON/OFF button repeatedly.



Setting 1: Minimum heat  
Setting 2: Medium heat  
Setting 3: Maximum heat



The fastest way to warm up the device is to initially set the highest temperature setting.



This device has a fast heating function, which allows the device to warm up quickly in the first 10 minutes.

### 6.5 Automatic switch-off

This device is equipped with an automatic switch-off function. This turns off the heat supply and the temperature settings display approx. 90 minutes after the initial use of the device. Press the ON-OFF button [6] to be able to restart the device. After about 5 seconds it is possible to switch it on again.

#### WARNING

If the device is being used over several hours, we recommend that you set the lowest temperature setting on the control unit to avoid overheating the body part being heated, which may lead to burns to the skin.

### 6.6 Switching off

Switch off the device by pressing and holding the ON/OFF button [6] on the device until the displays on the control unit are no longer illuminated.



Please note that the lithium-ion battery [11] must be protected against extreme cold (e.g. placed in the storage pouch) to maintain its full performance.

## 7. CLEANING AND MAINTENANCE

#### NOTICE

- Prior to cleaning, always first disconnect the lithium-ion battery [11] from the heating element and remove it from the storage pouch [3] on the inner cushion [2]. Otherwise there is a risk of damage.
- The lithium-ion battery [11] must never come into contact with water or other liquids. Otherwise it may be damaged.
- To clean the lithium-ion battery [11], use a dry, lint-free cloth. Do not use any chemical or abrasive cleaning agents.
- Please note that the heating element itself must not be cleaned in a machine or chemically cleaned, wrung out, tumble dried, put through a mangle, or ironed. Otherwise the heating element may get damaged.
- The cushion cover [1] can be cleaned in accordance with the symbols on the label and must be removed beforehand for this purpose.
- Only use the heating element with the cushion cover [1] fitted over it. Otherwise, the heating element may be damaged.
- Do not use the device again until all components are completely dry.

8. WHAT IF THERE ARE PROBLEMS?


<b>Problem:</b> The display on the control unit <b>[4]</b> does not light up after a long press when the lithium-ion battery <b>[11]</b> is connected to the heating element.	
Cause	Solution
The lithium-ion battery has been fully run down.	Charge the lithium-ion battery.
There was a SAFETY SWITCH-OFF due to overheating.	Allow the device to cool down to room temperature and switch it on again.

<b>Problem:</b> The display on the control unit <b>[4]</b> does not light up after a long press when the fully charged lithium-ion battery <b>[11]</b> is connected to the heating element.	
Cause	Solution
The heating element or the lithium-ion battery is defective.	Send the heating element and the lithium-ion battery for servicing.

9. STORAGE

If you do not plan to use the device for a long period of time, we recommend that you store it in the original packaging. For this purpose, disconnect the lithium-ion battery **[11]** from the heating element **[2]**. The lithium-ion battery **[11]** must be charged regularly to prevent deep discharge.



10. DISPOSAL

For environmental reasons, do not dispose of the device in household waste at the end of its service life. Dispose of the device at a suitable local collection or recycling point in your country. Observe the local regulations for material disposal. Dispose of the device in accordance with EC Directive – WEEE (Waste  Electrical and Electronic Equipment). If you have any questions, please contact the local authorities responsible for waste disposal. You can obtain the location of collection points for old devices from the local or municipal authorities, local waste disposal company or your dealer, for example.

11. TECHNICAL SPECIFICATIONS

See type plate labels on the cushion cover **[1]**, heating element **[2]** and lithium-ion battery **[11]**.

Mains adapter

Model	GFDA5-1262000G / GFDA5-1262000B
Input	100-240V~; 50-60 Hz; 1.0A max
Output	12.6V  ; 2.0A; 25.2 W; 

Subject to technical changes.

12. GUARANTEE/SERVICE

Further information on the guarantee and guarantee conditions can be found in the guarantee leaflet supplied.



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