**Built-In Hob** **HIC64100**

BEKO

**Please read this manual first.**

Dear Customer,
We would like you to obtain best performance with your product that has been manufactured in modern facilities and passed through strict quality control procedures.
Therefore, we advise you to read through this User Manual carefully before using your product and keep it for future reference. If you hand over the product to someone else, deliver the User Manual as well.

**The User Manual will help you use the product in a fast and safe way.**

- Read the User Manual before installing and operating the product.
- You must strictly observe the safety instructions.
- Keep this User Manual within easy reach for future reference.
- Also read other documents supplied with the product.
  Remember that this User Manual may also be applicable for several other models.
  Differences between models are explicitly identified in the manual.

**Explanation of symbols**

Throughout this User Manual the following symbols are used:

Important information or useful hints about usage.

Warning for hazardous situations with regard to life and property.

Warning for electric shock.

Warning for risk of fire.

Warning for hot surfaces.

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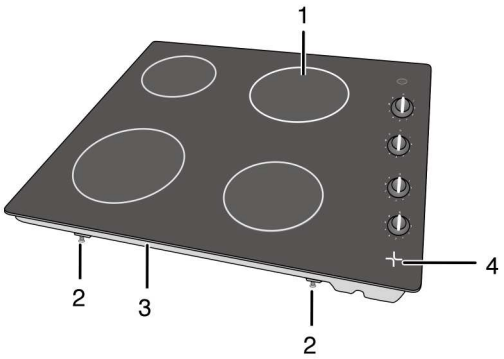
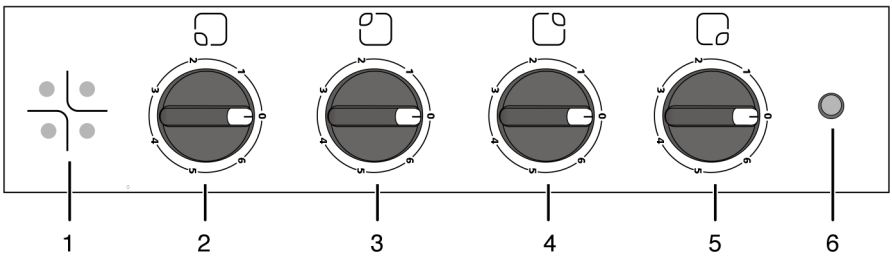
# 1 General information

## Overview




| | | | |
|---|---|---|---|
| 1 | Single-circuit cooking plate | 3 | Base cover |
| 2 | Assembly clamp | 4 | Hob hot indicator light |




| | | | |
|---|---|---|---|
| 1 | Hob hot indicator light | 4 | Single-circuit cooking plate Rear left |
| 2 | Single-circuit cooking plate Front right | 5 | Single-circuit cooking plate Rear right |
| 3 | Single-circuit cooking plate Front left | 6 | Warning lamp |

## Technical specifications

| | |
|---|---|
| Voltage / frequency | 220-240 V/380-415V 2N ~ 50 Hz |
| Total power consumption | 5800 W |
| Fuse | min. 25 A |
| Cable type / section | H05RR-F 3 x 2,5 $mm^2$ |
| Cable length | max. 2 m |
| External dimensions (height / width / depth) | 71 mm/580 mm/510 mm |
| Installation dimensions (width / depth) | 560 mm/490 mm |
| **Burners** | |
| Front right | **Single-circuit cooking plate** |
| Dimension | 140 mm |
| Power | 1200 W |
| Front left | **Single-circuit cooking plate** |
| Dimension | 180 mm |
| Power | 1700 W |
| Rear left | **Single-circuit cooking plate** |
| Dimension | 140 mm |
| Power | 1200 W |
| Rear right | **Single-circuit cooking plate** |
| Dimension | 180 mm |
| Power | 1700 W |

Important
Technical specifications may be changed without prior notice to improve the quality of the product.

Important
Figures in this manual are schematic and may not exactly match your product.

Important
Values stated on the product labels or in the documentation accompanying it are obtained in laboratory conditions in accordance with relevant standards. Depending on operational and environmental conditions of the product, these values may vary.

# 2 Safety instructions

## Explanation of safety instructions

The following types of safety instructions and information are used in this manual. They can be distinguished by the symbol and the initial signal word.

DANGER
**High risk of personal injury.**
Non-observance may or will cause serious injuries or death.

CAUTION
**Risk of personal injury.**
Non-observance may or will cause minor or medium injuries.

NOTICE
**Risk of material damage.**
Non-observance may or will cause damage on the appliance or other objects.

Important
**Tip for the user.**
Useful information on how to use the appliance. No injury risk information.

## General safety

- This product is not intended to be used by persons with physical, sensory or mental disorders or unlearned or inexperienced people (including children) unless they are attended by a person who will be responsible for their safety or who will instruct them accordingly for use of the product.
  Children must be supervised to prevent them from tampering with the product.
- Connect the product to an earthed outlet/line protected by a fuse of suitable capacity as stated in the "Technical specifications" table. Have the earthing installation made by a qualified electrician while using the product with or without a transformer. Our company shall not be liable for any problems arising due to the product not being earthed in accordance with the local regulations.
- If the supply cord is damaged, it must be replaced by the manufactorer, its service agent or similary qualified persons in order to avoid a hazard.
- Do not operate the product if it is defective or has any visible damage.
- Do not carry out any repairs or modifications on the product. However, you may remedy some troubles that do not require any repairs or modifications. See *Troubleshooting, page 18*.
- Never wash down the product with water! There is the risk of electric shock!
- Never use the product when your judgment or coordination is impaired by the use of alcohol and/or drugs.

- Product must be disconnected from the mains during installation, maintenance, cleaning and repair procedures.
- Installation and repair procedures must always be performed by Authorized Service Agents. The manufacturer shall not be held responsible for damages arising from procedures carried out by unauthorized persons which may also void the warranty.
- Be careful when using alcoholic drinks in your dishes. Alcohol evaporates at high temperatures and may cause fire since it can ignite when it comes into contact with hot surfaces.
- Do not heat closed tins and glass jars in the oven. The pressure that would build-up in the tin/jar may cause it to burst.
- Do not place any flammable materials close to the product as the sides may become hot during use.
- Keep all ventilation slots clear of obstructions.
- Make sure that the product function knobs are switched off after every use.
- Vapour pressure that build up due to the moisture on the hob surface or at the bottom of the pot can cause the pot to move. Therefore, make sure that the oven surface and bottom of the pots are always dry.

Important
Call Authorized Service Agent for the installation of the product. Warranty period will start after this procedure.

Important
**The appliance is not intended to be operated by means of an external timer or seperate remote control.**

## Safety for children

- Electrical and/or gas products are dangerous to children. Keep children away from the product when it is operating and do not allow them to play with the product.
- Accessible parts of the appliance will become hot whilst the appliance is in use. Children should be kept away until the product has cooled down.
- Do not place any items above the appliance that children may reach for.
- The packaging materials will be dangerous for children. Keep the packaging materials away from children. Please dispose of all parts of the packaging according to environmental standards.

## Safety when working with electricity

Defective electric equipment is one of the major causes of house fires.

- Any work on electrical equipment and systems should only be

carried out by authorised and qualified persons.
- In case of any damage, switch off the product and disconnect it from the mains. To do this, turn off the fuse at home.
- Make sure that fuserating is compatible with the product.

## Intended use

This product is designed for domestic use. Commercial use will void the guarantee.
"CAUTION: This appliance is for cooking purposes only. It must not be used for other purposes, for example room heating."
The manufacturer shall not be liable for any damage caused by improper use or handling errors.
Service life of your product is 10 years. Manufacturer shall provide the required spare parts for the product to perform as defined during this period.

## Disposal

### Disposing of packaging material

Packaging materials are dangerous to children. Keep packaging materials in a safe place out of reach of children. Packaging materials of the product are manufactured from recyclable materials. Dispose of them properly and sort in accordance with recycled waste instructions. Do not dispose of them with normal domestic waste.

### Disposing of the old product

Dispose of the old product in an environmentally friendly manner.
This equipment bears the selective sorting symbol for waste electrical and electronic equipment (WEEE). This means that this equipment must be handled pursuant to European Directive 2002/96/EC in order to be recycled or dismantled to minimize its impact on the environment. For further information, please contact local or regional authorities.
Refer to your local dealer or solid waste collection centre in your area to learn how to dispose of your product.
Before disposing of the product, cut off the power cable plug and make the door lock (if any) unusable to avoid dangerous conditions to children.

### Future Transportation

- Keep the product's original carton and transport the product in it. Follow the instructions on the carton. If you do not have the original carton, pack the product in bubble wrap or thick cardboard and tape it securely.

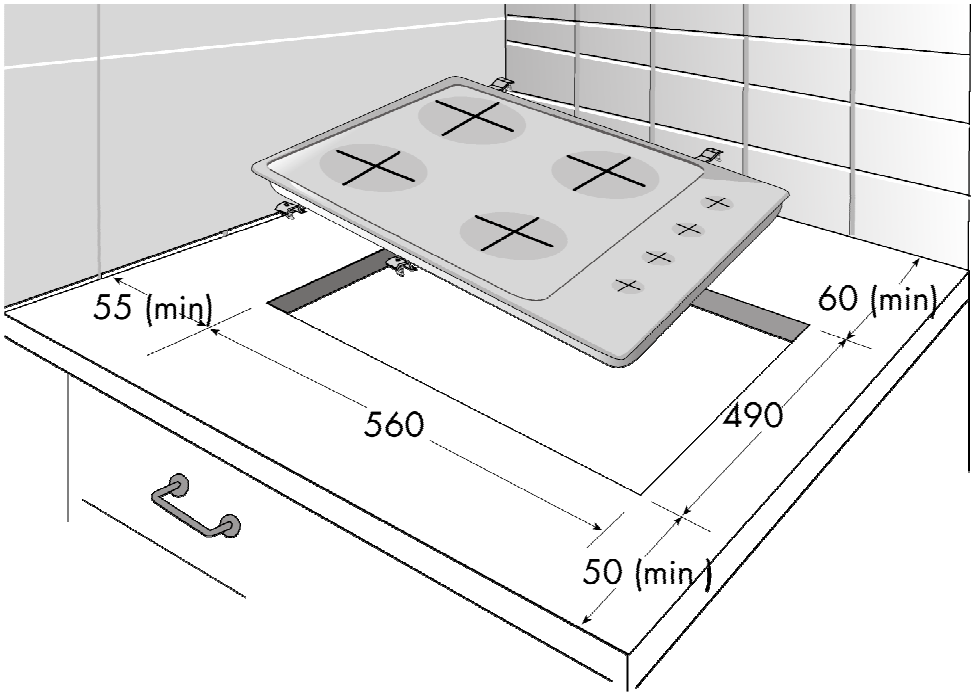
Important
Check the general appearance of your product for any damages that might have occurred during transportation.

# 3 Installation

## Before installation

The hob is designed for installation in a commercial worktop. A safety distance must be left between the appliance and the kitchen walls and furniture. See figure (values in mm).

- Remove packaging materials and transport locks.
- Surfaces, synthetic laminates and adhesives used must be heat resistant (100 °C minimum).
- The worktop must be aligned and fixed horizontally.
- Cut aperture for the hob in worktop as per installation dimensions.




The appliance is intended for installation in commercially available kitchen cabinets. A safety distance must be left between the appliance and the kitchen walls and furniture. See figure (values in mm).

- Surfaces, synthetic laminates and adhesives used must be heat resistant (100 °C minimum).
- Kitchen cabinets must be set level and fixed.
- If there is a drawer beneath the oven, a shelf must be installed between oven and drawer.

## Installation and connection

NOTICE
Risk of broken glass!
Do not put the ceramic hob down on a corner or edge.

NOTICE
Material damage!
The door and/or handle must not be used for lifting or moving the appliance.

- For installation the appliance must be connected in accordance with all local gas and/or electrical regulations.

### Connection to the mains supply

Important
**This appliance must be earthed!**
Our company shall not be held responsible for any damage caused by using the appliance without an earthed socket.

DANGER
Risk of electric shock, short circuit or fire by unprofessional installation!
The appliance may be connected to the mains supply only by an authorized qualified person and the appliance is only guaranteed after correct installation.

DANGER
Risk of electric shock, short circuit or fire by damage of the mains lead!
The mains lead must not be clamped, bent or trapped or come into contact with hot parts of the appliance.
If the mains lead is damaged, it must be replaced by a qualified electrician.

- The mains supply must correspond to the data specified on the rating plate of the appliance. The rating plate can be seen when the front door is opened.
- The mains supply data must correspond to the data specified on the rating plate of the appliance. The rating plate is located at the rear housing of the appliance.
- The appliance mains cable must correspond to the specifications and the power consumption; see *Technical specifications, page 5*.

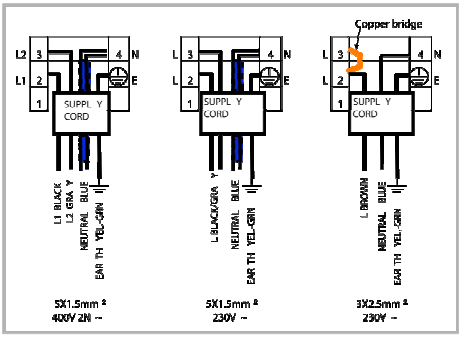
DANGER
Risk of electric shock!
Before starting any work on the electrical installation, please disconnect the appliance from the mains supply.

1. If no all-pole separation from the mains supply is possible, a separation unit must be connected with a contact distance of 3 mm min. (fuses, line safety switches, contactors) all poles which should be adjacent to (but not above) the cooker in accordance with IEE regulations. Failure to observe this instruction may result in operational

problems and invalidation of the appliance warranty.

Additional protection by a residual current circuit breaker is recommended.

If a cable without a plug is provided together with your appliance;




2. **for mono-phase connection,** take care to connect as below:

- Brown cable = L (Phase)
- Blue cable = N (Neutral)
- Green/yellow cable must be connected to ground (E) ⏚ line.

3. **for two- phases connection,** take care to connect as below:

- Brown cable = L1 (Phase 1)
- Black cable = L2 (Phase 2)
- Blue cable = N (Neutral)
- Green/yellow cable must be connected to ground (E) ⏚ line.

**Installation**

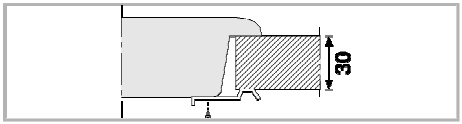
1. Slide the oven through the cabinet aperture, align and secure.

**Installation**

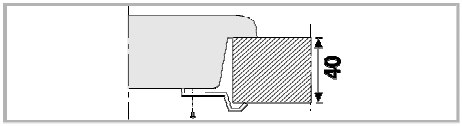
1. In hobs whose edges are framed, apply the sealing gasket provided in the package to the edges of base cover of the appliance from below.

2. Place hob into aperture and align it.
3. Connect it to the holes in the lower housing as indicated in the figure.

For worktops 30 mm thick, install the brackets as below:

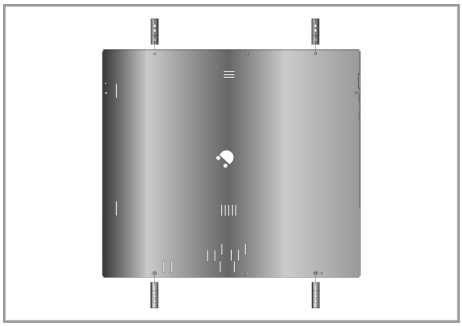



For worktops 40 mm thick, install the brackets as below:




For worktop thickness's of less than 30 mm insert a wood spacer between the bracket and the under surface of the worktop.

**Bottom view (clamp holes)**

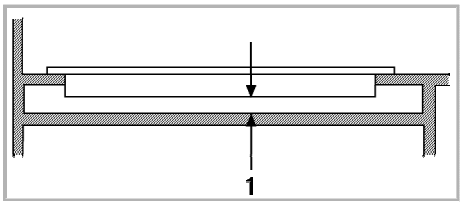


Secure the hob.

Important
Clamping to different holes is not a good practice in terms of safety since it can damage the gas and electrical system.

When installing the hob above a cupboard, a dividing shelf as in the above picture must be installed. If installing above a built-in oven this is not required.

If, for example, due to the fitting of the appliance above a drawer, the underside of the appliance is touchable, it must be covered by a wooden plate.




1 min. 50 mm

**Final check**

1. Connect the appliance to the mains supply and switch on the mains supply.
2. Check function.

# 4 Preparation

## Tips for saving energy

The following information will help you to use your appliance in an ecological way, and to save energy:

- Defrost frozen dishes before cooking them.
- Use pots/pans with cover for cooking. If there is no cover, energy consumption may increase 4 times.
- Select the burner which is suitable for the bottom size of the pot to be used. Always select the correct pot size for your dishes. Larger pots require more energy.
- Pay attention to use flat bottom pots when cooking with electric hobs.
  Pots with thick bottom will provide a better heat conduction. You can obtain energy savings up to 1/3.
- Vessels and pots must be compatible with the cooking zones. Bottom of the vessels or pots must not be smaller than the hotplate.
- Keep the cooking zones and bottom of the pots clean. Dirt will decrease the heat conduction between the cooking zone and bottom of the pot.
- For long cookings, turn off the cooking zone 5 or 10 minutes before the end of cooking time. You can obtain energy savings up to 20% by using the residual heat.

## Initial use

### First cleaning of the appliance

NOTICE
The surface may get damaged by some detergents or cleaning materials.
Do not use aggressive detergents, cleaning powder/cream or any sharp objects.

1. Remove all packaging materials.
2. Wipe the surfaces of the appliance with a damp cloth or sponge and dry with a cloth.

# 5 How to use the hob

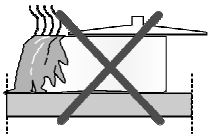
## General information about cooking

⚠ DANGER
Risk of fire by overheated oil!
When you heat oil, do not leave it unattended.
**Never try to extinguish the fire with water!** When oil has caught fire, immediately cover the pot or pan with a lid. Switch off the hob if safe to do so and phone the fire service.

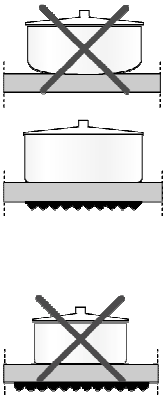
- Before frying foods, always dry them well and gently place into the hot oil. Ensure complete thawing of frozen foods before frying.
- Do not cover the vessel you use when heating oil.
- Place the pans and saucepans in a manner so that their handles are not over the hob to prevent heating of the handles. Do not place unbalanced and easily tilting vessels on the hob.
- Do not place empty vessels and saucepans on cooking zones that are switched on. They might get damaged.
- Operating a cooking zone without a vessel or saucepan on it will cause damage to the product. Turn off the cooking zones after the cooking is complete.
- As the surface of the product can be hot, do not put plastic and aluminum vessels on it.
  Clean any melted such materials on the surface immediately.
  Such vessels should not be used to keep foods either.
- Use flat bottomed saucepans or vessels only.
- Put appropriate amount of food in saucepans and pans. Thus, you will not have to make any unnecessary cleaning by preventing the dishes from overflowing.
  Do not put covers of saucepans or pans on cooking zones.
  Place the saucepans in a manner so that they are centered on the cooking zone. When you want to move the saucepan onto another cooking zone, lift and place it onto the cooking zone you want instead of sliding it.

**Tips about glass ceramic hobs**

- Glass ceramic surface is heatproof and is not affected by big temperature differences.
- Do not use the glass ceramic surface as a place of storage or as a cutting board.
- Use only the saucepans and pans with machined bottoms. Sharp edges create scratches on the surface.
- Do not use aluminum vessels and saucepans. Aluminum damages the glass ceramic surface.



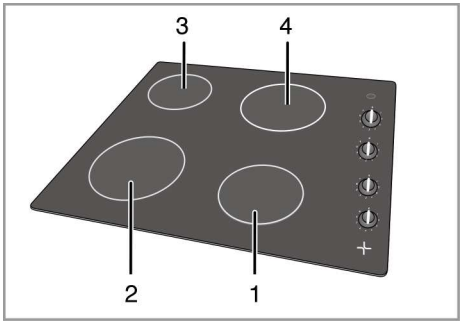
Spills may damage the glass ceramic surface and cause fire.



Do not use vessels with concave or convex bottoms.

Use only the saucepans and pans with flat bottoms. They ensure easier heat transfer.
If the diameter of the saucepan is too small, energy will be wasted.

## Using the hobs




1 Single-circuit cooking plate 14-16 cm
2 Single-circuit cooking plate 18-20 cm
3 Single-circuit cooking plate 14-16 cm
4 Single-circuit cooking plate 18-20 cm is list of advised diameter of pots to be used on related burners.

⚠ DANGER
Broken glass!
Do not let any objects fall onto the hob. Even small objects (e.g. salt shaker) may damage the hob.
Do not use glass ceramic hobs with cracks. Water may enter into the cracks and cause a short circuit.
If the surface is damaged in any way (e. g. visible cracks), switch off the device immediately to reduce the risk of an electric shock.

Glass ceramic hob is equipped with an operation light and a hot zone warning indicator.
Hot zone warning indicator indicates the position of the active hotplate and it remains lit after the hotplate is turned off. When the temperature of the hotplate cools down to a level that it can be touched by hand, warning indicator turns off. Flickering of the hot zone warning indicator is not a failure.

**Turning on the hotplates**
Use hotplate knobs to operate the hotplates. Move the hotplate knobs to the relevant level in order to obtain the desired cooking level.

| **Cooking level** | **1** | **2 — 3** | **4 — 6** |
|---|---|---|---|
| | heating | boiling, resting | cooking, frying |

**Turning off the hotplates**
Turn the hotplate knob to OFF (upper) position.

# 6 Maintenance and care

## General information

Service life of the product will extend and the possibility of problems will decrease if the product is cleaned at regular intervals.

⚠ DANGER
Risk of electric shock!
Switch off the electricity before cleaning appliance to avoid an electric shock.

⚠ DANGER
Hot surfaces may cause burns!
Allow the appliance to cool down before you clean it.

- Clean the product thoroughly after each use. In this way it will be possible to remove cooking residues more easily, thus avoiding these from burning the next time the appliance is used.
- No special cleaning agents are required for cleaning the product. Use warm water with washing liquid, a soft cloth or sponge to clean the product and wipe it with a dry cloth.
- Always ensure any excess liquid is thoroughly wiped off after cleaning and any spillage is immediately wiped dry.
- Do not use cleaning agents that contain acid or chloride to clean the stainless or inox surfaces and the handle. Use a soft cloth with a liquid detergent (not abrasive) to wipe those parts clean, paying attention to sweep in one direction.

NOTICE
The surface may get damaged by some detergents or cleaning materials.
Do not use aggressive detergents, cleaning powder/cream or any sharp objects.

Important
Do not use steam cleaners for cleaning.

## Cleaning the hob

### Glass ceramic surfaces

Wipe the glass ceramic surface using a piece of cloth dampened with cold water in a manner as not to leave any cleaning agent on it. Dry with a soft and dry cloth. Residues may cause damage on the glass ceramic surface when using the hob for the next time. Dried residues on the glass ceramic surface should under no circumstances be scraped with hook blades, steel wool or similar tools. Remove calcium stains (yellow stains) by a small amount of lime remover such as vinegar or lemon juice. You can also use suitable commercially available products.
If the surface is heavily soiled, apply the cleaning agent on a sponge and wait until it is absorbed well. Then, clean the surface of the hob with a damp cloth.

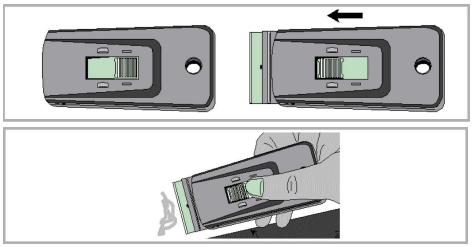
Important
Sugar-based foods such as thick cream and syrup must be cleaned promptly without waiting the surface to cool down. Otherwise, glass ceramic surface may be damaged permanently.

Slight color fading may occur on coatings or other surfaces in time. This will not affect operation of the product. Color fading and stains on the glass ceramic surface is a normal condition, and not a defect.

**Scraper for cleaning the glass ceramic surface**

Clean the spilled residues and stuck dirts with a commercially available scraper which is specially designed for glass ceramic surfaces.

To avoid scratches, hold the scraper at a narrow angle.



# 7 Troubleshooting

**Product emits metal noises while heating and cooling.**

Important
When the metal parts are heated, they may expand and cause noise. This is not a fault.

**Product does not operate.**

- The mains fuse is defective or has tripped. >>> *Check fuses in the fuse box. If necessary, replace or reset them.*
- Product is not plugged into the (grounded) socket. >>> *Check the plug connection.*

Important
Consult the Authorised Service Agent or the dealer where you have purchased the product if you can not remedy the trouble although you have implemented the instructions in this section. Never attempt to repair a defective product yourself.