

**EN** Operating instructions FREEZE



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# 1 General information

These instructions contain important information to protect you from injury and prevent damage to the appliance. Please read these instructions carefully before installing or using the appliance for the first time. Other documents apply alongside these instructions. Please by all means adhere to all documents that form part of the scope of delivery.

Assembly, installation and commissioning must always occur in line with national laws, regulations and standards. The work must be performed by qualified specialists who know and comply with the additional regulations of the local energy supply companies.

All safety and warning information as well as the handling instructions in the accompanying documents must be observed.

Please keep these instructions in a safe place and pass them on to the next owner where applicable.

## 1.1 Validity of the operating and installation instructions

These instructions apply to several appliance versions. It is therefore possible that some of the features described do not apply to your appliance. The details of the figures contained herein may differ from some appliance versions and are to be understood as schematic diagrams.

## 1.2 Liability

. BORA Holding GmbH, BORA Vertriebs GmbH & Co KG, BORA APAC Pty Ltd and BORA Lüftungstechnik GmbH – hereinafter referred to as BORA – do not assume any liability for damage arising from disregard for or non-adherence to the documents included in the scope of delivery!

Furthermore, BORA shall not be held liable for damage caused by improper installation or failure to observe the safety and warning information!

## 1.3 Product conformity

### Directives

The appliances meet the following EU/EC directives:

- 2009/125/EC Ecodesign Directive
- 2011/65/EU RoHS Directive

The cooling agent circuit has been checked for water tightness.

BORA Vertriebs GmbH & Co KG hereby declares that the 120 002 radio equipment complies with directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following address:

<https://www.bora.com/at/de/service/download/>

The appliance supports the following frequency bands:

- 2.4 GHz: 100 mW max.

## 1.4 EPREL database

From 1 March 2021, the information on energy labelling and eco-design requirements can be found in the European product database (EPREL). You can access the product database via the following link <https://eprel.ec.europa.eu/>. You will be asked to enter the model identification. The model identifier can be found on the identification plate.

## 1.5 Presentation of information

We use standard formatting, numbering, symbols, safety instructions, terms and abbreviations so that you can work quickly and safely when using this manual. The article described in these instructions is hereinafter also referred to as an appliance.

Instructions are indicated with an arrow.

► Always follow all instructions in the prescribed order.

Enumerations are indicated with a bullet point at the start of the line:

- Enumeration 1
- Enumeration 2

 Information notes point to special features that must be taken into account.

### 1.5.1 Safety and warning instructions

The safety and warning instructions in this manual are emphasised with symbols and signal words. Safety and warning instructions are structured as follows:

## DANGER

### Type and source of danger

#### Results of non-compliance

#### ► Measures to minimise risk

Please note:

- warning symbols draw attention to a high risk of injury.
- The signal word indicates the severity of that risk.

Warning symbol	Signal word	Risk
	Danger	Indicates an immediate, hazardous situation which causes death or serious injury if not respected.
	Warning	Indicates a potentially hazardous situation which can cause death or serious injury if not respected.
	Caution	Indicates a potentially hazardous situation which can cause death or serious injury if not respected.
	Note	Indicates a potentially hazardous situation which can cause property damage if not respected.

Tab. 1.1 Meaning of the warning symbols and signal words

### 1.5.2 Figures

All measurements are provided in millimetres.

## 2 Safety

The appliance complies with the stipulated safety requirements. The user is responsible for the safe use of the appliance, cleaning and maintenance. Improper use can lead to personal injury and damage to property.

### 2.1 Intended use

The appliance is solely intended for cooling foodstuffs in private households.

This appliance is not intended for:

- outdoor use
- use in mobile installation sites such as motor vehicles, ships or aeroplanes
- use at altitudes of over 2000 m (metres above sea level)
- use when not fully installed
- operating outside of the permissible ambient temperatures (see identification plate)
- storing and cooling medicine, blood plasma, laboratory preparations or similar substances and products subject to the medical devices directive (EU) 2017/745
- use in potentially explosive atmospheres

Any other use or any use that goes beyond that which is described here is classed as unintended.

**i** BORA does not assume any liability for damages caused by incorrect installation, improper use or incorrect operation.

All misuse is prohibited!

### 2.2 Symbols on the device



The symbol can be found on the compressor. It relates to the oil in the compressor and indicates the following risk: choking and entering the airway may be fatal. This information only applies to recycling. There is no such risk in normal operation.



The symbol is found on the compressor and indicates the danger of flammable substances. Do not remove sticker.

### 2.3 People with limited abilities

#### Children

The appliance can be used by children if they are supervised or have been instructed how to use the appliance safely and understand the resultant risks. Children must not play with the appliance.

- ▶ Children from 3-8 years may load and unload the appliance.
- ▶ Keep children under 3 years away from the appliance, if they are not constantly monitored.
- ▶ Supervise children in the vicinity of the appliance.

#### People with reduced physical, sensory or mental capacities

The appliance can be used by people with reduced physical, sensory or mental capacities or a lack of experience and/or knowledge if they are supervised or have been instructed how to use the appliance safely and understand the resultant risks.

## 2.4 General safety instructions

### DANGER

#### **Packaging components are a choking hazard**

Packaging components (e.g. film, polystyrene) can be life-threatening for children.

- ▶ Store all packaging components out of reach of children.
- ▶ Dispose of the packaging properly and immediately.

### DANGER

#### **The appliance contains flammable cooling agent**

Leaking cooling agent may ignite.

- ▶ Do not damage pipelines of the cooling circuit.
- ▶ Do not introduce ignition sources in the appliance interior.
- ▶ Do not use any electrical appliances (e.g. steam cleaners, heating devices, ice cream makers) in the appliance interior.
- ▶ If any cooling agent leaks out, remove any open flames or ignition sources near the leakage point.
- ▶ Ventilate the room if any cooling agent leaks out.
- ▶ Contact the BORA Service Team.

### WARNING

#### **Risk of injury or damage due to incorrect components or unauthorised modifications**

Incorrect components can lead to personal injury or damage to the appliance. Modifications, additions or alterations to the appliance can lead to safety risks.

- ▶ Only use original components.
- ▶ Do not make any modifications, additions or alterations to the appliance.

### WARNING

#### **Risk of injury due to mechanical damage on the appliance**

Mechanical damage (e.g. cracks and deformation) to the appliance, as well as to cables and accessories can cause injuries.

- ▶ Do not operate the appliance.
- ▶ Do not try to repair or replace damaged components yourself.
- ▶ Do not use any damaged components or accessories.
- ▶ Contact the BORA Service Team.

**⚠ WARNING****Risk of injury from electric shock**

Incorrect handling of electrical components may lead to electric shock.

- ▶ Always unplug the device from the mains before carrying out any work.
- ▶ The plug must be easy to access so that the appliance can be quickly disconnected from the mains supply in an emergency. The plug must be kept outside of the appliance back area.
- ▶ Do not pull on the cable; instead, always grab the plug connector to disconnect the appliance from the mains supply.
- ▶ Pull out the mains plug in case of fault or shut off the fuse.
- ▶ Do not damage the power cord.
- ▶ Do not operate any appliances with faulty power cords.

**CAUTION****Appliance components can cause injury if dropped**

Appliance components can cause injury if you drop them.

- ▶ Pay attention to the correct positioning of the appliance components and accessories.
- ▶ Ensure that no components removed from the appliances can fall on the floor.

**CAUTION****Risk of injury from heavy lifting**

If not handled correctly, carrying and installing appliances can cause injury to the limbs or torso.

- ▶ If necessary, carry and install the appliance with another person.
- ▶ Use appropriate aids to prevent damage or injury.

## 2.5 Safety information for installation

**⚠ WARNING****Fire hazard due to incorrect wiring**

If a power cable/plug is touching the back of the appliance, the cable/plug may be damaged by vibrations caused by the appliance, resulting in a short circuit.

- ▶ Position the appliance such that it does not touch any cable or plugs.
- ▶ Do not connect any appliances to outlets around the back of the appliance.
- ▶ Do not use or place any power strips/distributor banks or other electronic devices (such as halogen transformers) around the back of the appliance.

**⚠ WARNING****Unstable appliance**

Risk of injury and damage. The appliance may tip over.

- ▶ Stabilise the appliance in accordance with the installation instructions.

**⚠ WARNING****Electricity in contact with water**

Electric shock.

- ▶ Unplug the appliance before connecting to the water lines.
- ▶ Shut off the water supply before connecting to the water lines.
- ▶ The connection to the drinking water supply must only be carried out by a qualified technician.

**⚠ WARNING****Contaminated water**

Poisoning.

- ▶ Only connect the appliance to the drinking water supply.

**PLEASE NOTE****Incorrect installation due to non-use of included installation accessories.**

Functional errors may occur if installed incorrectly.

- ▶ Use the included installation accessories in accordance with the installation instructions.

**PLEASE NOTE****Appliance damage due to covered ventilation openings**

The appliance may overheat, possibly reducing the service life of various appliance parts and leading to functional restrictions.

- ▶ Always ensure good ventilation.
- ▶ Always keep ventilation openings or screens clear in the appliance housing and in the kitchen cupboard.
- ▶ Always ensure ventilator slits are unobstructed.

**PLEASE NOTE****Appliance damage due to heavy furniture door**

If the cupboard door is too heavy, this may result in damage to the hinge; functional restrictions resulting from this cannot be excluded.

- ▶ Ensure that the permissible weight of the cupboard door is not exceeded before mounting the cupboard door.

**PLEASE NOTE****Improper connection**

Fire hazard and damage to the electronics.

- ▶ Do not use extension leads.
- ▶ Do not use distributor bands.
- ▶ Do not connect the appliance to standalone inverters (e.g. solar power systems and petrol-fuelled generators).
- ▶ Do not use energy-saving plug connectors.

**2.6 Safety instructions – operation**** DANGER****Fire hazard due to incorrectly stored items in appliance**

Escaping gases may ignite due to electrical components.

- ▶ Do not store any explosive substances or spray cans with flammable propellants (e.g. butane, propane, pentane) in the appliance. Such spray cans can be identified by the contents printed on the can or a flame symbol.
- ▶ Only store alcoholic drinks or other alcohol-containing containers in the appliance if airtight.
- ▶ Keep lit candles, lamps and other items with open flames away from the appliance to avoid setting fire to the appliance.

** WARNING****Fire hazard**

Other hot appliances may cause fires.

- ▶ Do not place any heat-emitting appliances (e.g. microwaves, toasters) on the appliance.

**⚠ WARNING****Risk of food poisoning**

Improperly stored or expired food may spoil.

- ▶ Do not consume spoiled food.
- ▶ Do not re-freeze thawed/defrosted food.

**⚠ WARNING****Risk of frostbite**

Continual skin contact with cold surfaces or refrigerator/freezer goods can lead to frostbite.

- ▶ Avoid extended and direct skin contact with refrigerator/freezer goods and cold surfaces.
- ▶ Gloves can be used, for example.

**CAUTION****Falling and tipping hazard**

The appliance may fall over if used or installed improperly.

- ▶ Do not misuse stands, drawers, door, etc. as steps or support. This applies to children in particular.

**CAUTION****Crushing hazard**

Fingers may get caught and injured when closing the door.

- ▶ Do not grip the door hinge.

**CAUTION****Risk of injury from damaged containers**

Containers (bottle/tins) containing liquids may explode if frozen. This applies to carbonated drinks in particular.

- ▶ Do not freeze bottle and tins containing beverages.

## PLEASE NOTE

### Damage to accessory parts

Improper use of accessory parts may result in them being damaged.

- ▶ Do not use the accessory parts in ovens, steamers, microwaves or similar appliances.
- ▶ Do not place any hot foods over 70 °C in the accessory parts.
- ▶ Please bear in mind that plastic parts that are stored in the freezer compartment are more prone to breakage.

## 2.7 Safety instructions – cleaning and maintenance

### CAUTION

#### Risk of injury/damage to appliance due to improper de-icing

Hot steam or unsuitable tools may lead to injury when de-icing.

- ▶ Do not use any electrical heating/steam cleaning devices, open flames or defrosting sprays.
- ▶ Never remove ice with sharp items.
- ▶ Do not use other mechanical equipment or other means to de-ice other than that which is recommended by the manufacturer.
- ▶ Do not damage pipelines of the cooling circuit.

### PLEASE NOTE

#### Appliance damage

Appliance damage due to improper cleaning.

- ▶ Only use soft cleaning cloths and pH-neutral multi-purpose cleaning products.
- ▶ Never use steam cleaners, abrasive sponges, scouring pads or chemically aggressive cleaning agents (e.g. oven cleaner spray).
- ▶ Make sure that the cleaning agent does not contain any sand, soda, acids, lyes or chloride.

## 2.8 Safety instructions – repairs, servicing and spare parts

### DANGER

#### Risk of injury when carrying out repairs

Insufficient expertise can lead to injury when carrying out repairs.

- ▶ The appliance must only be repaired and serviced by trained specialists who are familiar with and comply with the standard national regulations and supplementary regulations of the local utility companies.
- ▶ Safely disconnect the appliance from the mains supply.
- ▶ Work on electrical components must only be conducted by trained electrical personnel.
- ▶ A damaged power supply cable must be replaced by a suitable power supply cable.

## 2.9 Safety instructions – disassembly and disposal

### DANGER

#### The appliance contains flammable cooling agent

Leaking cooling agent may ignite.

- ▶ Do not damage pipelines of the cooling circuit.
- ▶ Do not introduce ignition sources in the appliance interior.
- ▶ Do not use any electrical appliances (e.g. steam cleaners, heating devices, ice cream makers) in the appliance interior.
- ▶ If any cooling agent leaks out, remove any open flames or ignition sources near the leakage point.
- ▶ Ventilate the room if any cooling agent leaks out.
- ▶ Contact the BORA Service Team.

## 3 Technical data

### 3.1 F178GW

Parameter	Value
Maximum power rating	1.3 A
Supply voltage	220-240 V ~
Frequency	50-60 Hz
Number of controllable cooling circuits	1
Freezer compartment temperature range	-15 °C to -28 °C
Defrost procedure	No Frost
Storage time in the event of a fault acc. to GS	9 h
Freezing capacity in 24 h acc. to GS	12 kg/24 h
Number of drawers in the freezer compartment	8
Water supply hose length	2.2 m
Water supply hose connection	3/4"
Installation method	Built-in
Max. Door front weight	26 kg
Door hinge side	left variable
Door opening angle	115°
Power supply cable plug type	country specific
Dimensions (width × height × depth)	559 × 1770 × 546 mm
Weight (net)	73.2 kg
Weight (incl. accessories/packaging)	77.8 kg
Total volume	213 L
Freezer compartment volume	213 L

**Tab. 3.1** Technical data for F178GW

## 4 Function overview

Features	F178GW
4-star freezer compartment	✓
Water connection	✓
No Frost	✓
Functions	
Ice Maker	✓
Ice Maker max	✓
Cleaning	✓
Power Freeze	✓
Party	✓
Eco	✓
Lock	✓
Defrost	✓
Connect	✓
Tube clean	✓
Safety features	
Door alarm	✓
Power fail	✓
Temperature fail	✓

Tab. 4.1 Function overview

## 5 Appliance description

### 5.1 Model description

Model	Long description
F178GW	Freezer with water connection

Tab. 5.1 Model description

### 5.2 Structure

#### 5.2.1 Freeze F178 GW

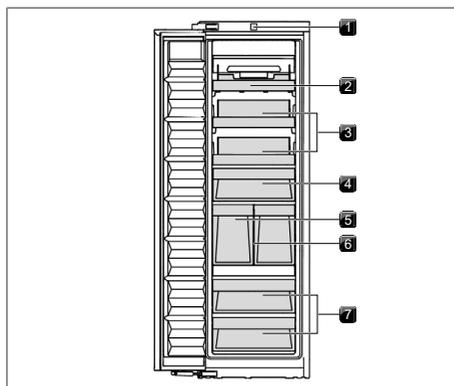


Fig. 5.1 Design F178GW

- [1] Display with user interface
- [2] Pull-out shelf back panel low
- [3] Pull-out shelf back panel high
- [4] Freezer drawer
- [5] Ice Maker
- [6] Pull-out tray shelf with ice cube container
- [7] Freezer drawer

## 6 Food management

### 6.1 Storing food

When storing food, always ensure that:

- ▶ Ventilation slits on the back panel inside are always kept clear.
- ▶ Ventilation slits on the ventilator are kept clear.
- ▶ Food is properly packaged (except for fruit and vegetables).
- ▶ Food that easily takes on or emits odour or taste is kept in closed containers or covered.
- ▶ Raw meat and fish is kept in clean, closed containers so that it does not touch any other food.
- ▶ Liquids are kept in closed containers.
- ▶ Food is stored with gaps in between so that air can circulate properly.

Scan the QR code for more information on how to store food correctly.



#### 6.1.1 Freezer section

The storage environment in the appliance is dry. This environment is suitable for storing frozen foods and products for several months, for preparing ice cubes or freezing fresh food.

##### Arranging food:

- ▶ Distributed the packaged food over all the drawers.
- ▶ If possible, place the food backwards in the drawers, near the back panel.
- ▶ For efficient storage, use the Power Freeze function (see "7.4.1 Power Freeze").

##### Freeze food

You can freeze as many kg of fresh food within 24 h as is indicated on the specification plate or in the technical data under freezing capacity. (Technical data)

So that the food quickly freezes to its core, the following amounts per pack must be observed:

- Fruit, vegetables up to 1 kg
- Meat up to 2.5 kg

Before freezing, ensure that:

- For small freezing amounts: Power Freeze is activated approx. 6 hours prior.

- At maximum freezing amount: Power Freeze is activated approx. 24 hours prior.

##### Defrost food

- in the refrigerator compartment
- in microwave
- in oven/fan oven
- at room temperature
- ▶ Remove only as much food as is needed.
- ▶ Thawed food should be processed as quickly as possible.

##### Multi-tablet

The multi-tablet allows you to freeze berries, herbs, vegetables and other small frozen food, without them freezing together. The frozen food will largely keep its shape and later portioning is easier.

- ▶ Spread food out on the multi-tablet.

### 6.2 Storage periods

The indicated storage periods are guidelines. For food with a best before date, the date printed on the packaging applies.

Food	Temperature	Storage period
Ice cream	at -18°C	2 to 6 months
Sausage, ham	at -18°C	2 to 3 months
Bread, cakes and pastries	at -18°C	2 to 6 months
Venison, pork	at -18°C	6 to 9 months
Fish, fat	at -18°C	2 to 6 months
Fish, lean	at -18°C	6 to 8 months
Cheese	at -18°C	2 to 6 months
Poultry, beef	at -18°C	6 to 12 months
Vegetables, fruit	at -18°C	6 to 12 months

Tab. 6.1 Freezer section storage periods

## 7 Functions and operation

### 7.1 Initial setup

Ensure that the following prerequisites are met:

- The appliance is installed and connected according to the assembly instructions.
- All adhesive strips, adhesive, protective film and transport securing means in and on the appliance are removed.
- All accompanying documents and the accessories kit have been removed from the appliance.

#### Switch on the appliance

- ▶ Long press the confirmation key.
- The start-up animation is shown.
- The status display will be displayed.

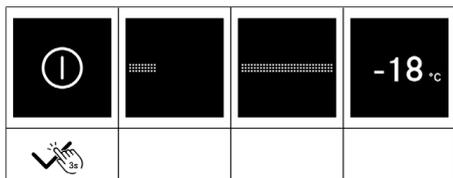


Fig. 7.1 Switching on

## 7.2 Operation

### 7.2.1 User interface

The user interface is comprised of a display and the navigation pane. The display gives the user a quick overview over the temperature settings and the status of functions and settings. The navigation pane contains 2 navigation keys and a confirmation key.

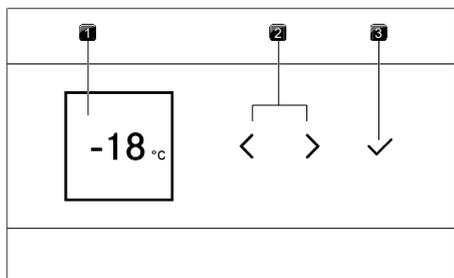


Fig. 7.2 User interface

- [1] Display
- [2] Navigation keys
- [3] Confirmation key

### 7.2.2 Temperature display

The temperature display shows the temperatures set and is the output display once the door is opened. This is where the user navigates to the functions and settings.

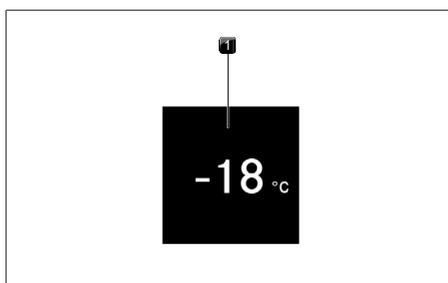


Fig. 7.3 Temperature display

- [1] Freezer temperature display

### 7.2.3 Status display

The status display shows the temperatures set and the active functions. In the status display, the temperature of the selected section can also be changed.

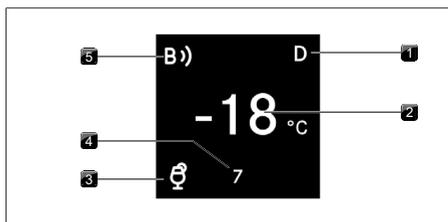


Fig. 7.4 Status display

- [1] Demo mode display
- [2] Temperature display
- [3] Function display
- [4] Target temperature display
- [5] Connect display

## 7.2.4 Navigation

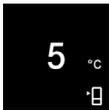
Individual functions and settings can be accessed by navigating via the menu. After confirming a function or setting, there will be a beep. If no selection is made after 10 seconds, the display will switch to the status display. The appliance is operated via the navigation pane.

Touch commands	Applicable to	Time (contact)
Touch	Navigation key and confirmation key	1 sec.
Long press	Confirmation key	3 sec.

Tab. 7.1 Touch control

## 7.2.5 Display information

### Standard display



The display content is shown in white against a black background in the standard display.

### Change values



If the display is shown with a white background and black content, the value shown is changed with the navigation key and activated with the confirmation key.

### Reminder display



Filter change

Reminders are always displayed in black against a white background.

### Pulsing display



If a display is pulsing, it means it is waiting for a confirmation message from external appliances.

## 7.2.6 Operation

### Activate function

- ▶ Select the desired function using the navigation keys.
- ▶ Touch the confirmation button.
- There will be a beep and the function will be shown with a white border.

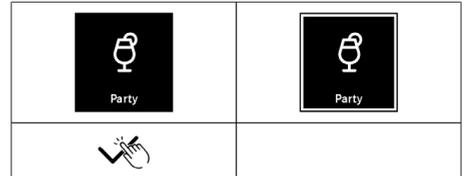


Fig. 7.5 Activate function

### Deactivate function

- ▶ Select the desired function using the navigation keys.
- ▶ Touch the confirmation button
- There will be a beep and the function will be shown without a white border.

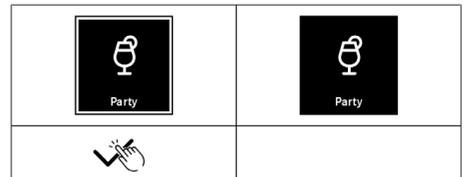


Fig. 7.6 Deactivate function

## 7.3 Main menu

### 7.3.1 Temperature and status display

The current temperature is shown.

### 7.3.2 Setting the temperature

The appliance temperature can be set between -15 and -28 °C. If you switch off the freezer compartment, the entire appliance will be switched off.

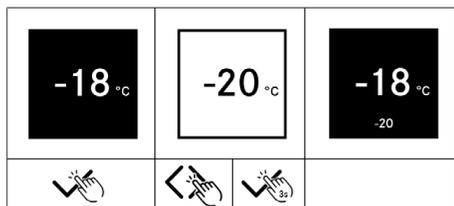


Fig. 7.7 Set freezer temperature

### 7.3.3 Ice Maker

The Ice Maker function controls the automatic ice cube production of the appliance. When activated, the Ice Maker function produces 0.80 kg ice cubes in 24 hours. Ice cube production will continue until a full ice cube container is detected. Ice cube production will also continue if the ice cube container is removed, in which case the ice cubes will fall into the tray directly below the Ice Maker.

 It can take up to 24 hours before the Ice Maker starts producing ice cubes.

### 7.3.4 Ice Maker max

When the Ice Maker Max function is activated, ice cube production is maximised. With this function, the appliance produces 1.20 kg ice cubes in 24 hours. The temperature of the freezer compartment is reduced to -28 °C.

### 7.3.5 Special

Additional special programmes can be used independently of your appliance.

### 7.3.6 Connect

 The Connect function will not be available for use until the BORA app is released. For more details on the BORA app go to [www.bora.com](http://www.bora.com).

#### First-time connection

To control the refrigerator functions via the smartphone app as well, connection between the appliance and your smartphone must be established.

► Open Connect menu.

► Start Connect procedure.

- Pairing: The appliance will search for suitable smartphones.

- Pairing complete: after the pairing has been confirmed on the smartphone.
- Connecting: the refrigerator is connecting with the smartphone.
- Connection has been established.

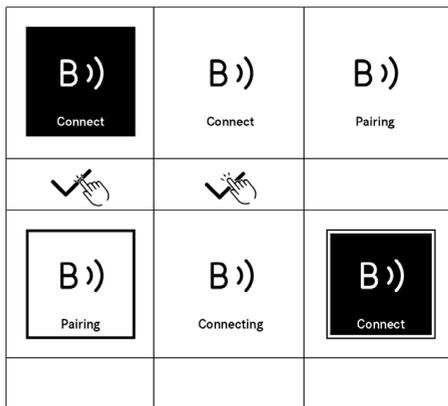


Fig. 7.8 Initial connection

#### Establish connection

To reconnect with your smartphone, you simply need to activate the Connect function on the refrigerator.

#### Disconnect

To disconnect your smartphone from the appliance, the Connect function on the refrigerator appliance must be deactivated.

### 7.3.7 Settings

You can set additional settings here (Settings).

### 7.3.8 Switch off appliance

A switch-off button can be found at the end of the main menu. This can be used to switch off the whole appliance with a long press.

## 7.4 Special programmes

### 7.4.1 Power Freeze

The appliance cools the freezer section to the minimum temperature for 72 hours.

**Use cases:**

- To freeze more than 2 kg of fresh food
- Quickly freeze fresh food to the core
- Increase reserve refrigeration in stored frozen goods before the appliance is defrosted.

For freezing smaller amounts, the programme should be activated 6 h before use. For freezing smaller amounts, the programme should be activated 24 h before use.

**7.4.2 Party** 

The Party function sets the Ice Maker to maximum production and activates Power Freeze. The function automatically switches itself off after 24 h. All active functions can be individually set. Changes are discarded once the function is deactivated.

**7.4.3 Eco** 

The Eco function increases the temperature to -16 °C. Food remains fresh but its storage life is reduced. The Eco function must be deactivated manually. There is no automatic deactivation.

**7.4.4 Lock** 

The Lock function prevents accidental changes to the selected settings during operation. Functions that were previously set will continue to be carried out until their time has elapsed.

**7.5 Settings****7.5.1 information** 

This setting gives access to the appliance information and the customer menu.

The following appliance information will be displayed:

- Model
- Index
- Serial number (FD number)
- Product number

**7.5.2 Door alarm** 

The door alarm can be switched on and off. The time until the door alarm is triggered can also set (1 min, 2 min or 3 min).

**7.5.3 Brightness** 

The display brightness can be adjusted to 40%, 60%, 80% and 100%. The appliance is set to 100% brightness by factory default.

**7.5.4 Temp. unit** 

The temperature unit can be set to Fahrenheit or Celsius.

**7.5.5 Reset** 

All appliance settings are reset to the factory settings. The settings for connection to the BORA app remain unaffected.

► Long press the confirmation key.

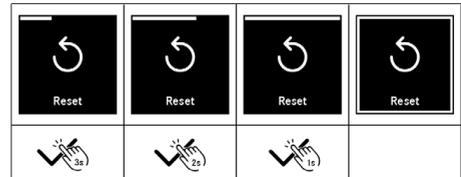


Fig. 7.9 Perform reset

**7.6 Warnings****7.6.1 Door open** 

The door alarm is triggered when the door is open for longer periods of time (regardless of settings). The warning is produced visually and acoustically via the display. If the alarm is triggered, it can be stopped by closing the door or via the confirmation key.

**7.6.2 Power failure** 

The Power fail warning is displayed when the temperature increases due to power failure. After the power failure has ended, the current temperature is shown so that additional measures can be taken if the temperature has increased too much.

- Inspect the power supply.
- Keep the appliance closed.

## 7.6.3 Temperature failure

The Temperature fail warning is shown if the temperature inside the appliance does not correspond with the set temperature.

Possible causes:

- Warm, fresh food has been placed inside.
- Too much warm air from the room flowed in while putting away or storing food.
- Power has been off for a long period of time.
- The appliance is faulty.

The current temperature is shown so that additional measures can be taken if the temperature has increased too much.

- ▶ If the temperature continues to increase, please contact the BORA Service Team.

## 7.6.4 Error

These errors are serious errors that have occurred in the appliance, such as sensor errors and compressor errors.

- ▶ Open the appliance door and make a note of the error code.
- ▶ Dismiss the error with the confirmation key.
- ▶ Contact the BORA Service Team.

## 7.7 Reminders

### 7.7.1 No ice drawer



No ice drawer

This reminder is shown when the Ice Maker is activated, if no freezer drawer has been put in place.

## 7.8 User menu

### 7.8.1 Open customer menu

- ▶ Go to Settings in the menu.
- ▶ Long press the confirmation key.
  - The input screen for the customer code will be displayed.
- ▶ Enter the code 151.
  - The customer menu will open.

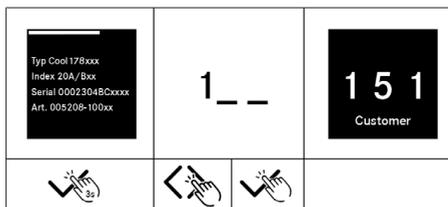


Fig. 7.10 Open customer menu

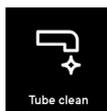
### 7.8.2 Customer menu functions

#### Defrost



Using the Defrost function, defrosting can be manually activated, if ice is building up despite the automatic defrosting.

#### Tube clean



This setting allows the Ice Maker pipes to be cleaned. (Cleaning and maintenance)

#### Cube size



This setting allows the ice cube size to be individually adjusted if problems occur in ice cube production due to varying water pressure, for example. When the value is increased, the amount of water will be increased. Only change the value in small increments.

#### Software



Information about the current software version installed in the appliance.

## 8 Equipment

### 8.1 Pull-out tray shelf

#### Removing the pull-out tray shelf

- ▶ Release the tray shelf from the runners.
- ▶ Lift the tray shelf out of the appliance.

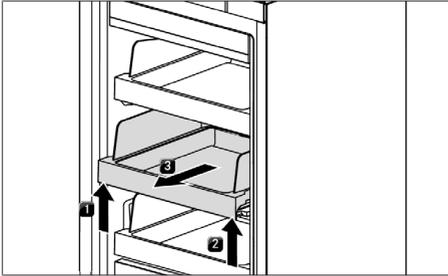


Fig. 8.1 Removing the tray shelf

#### Removing the glass shelf and runners

- ▶ Take hold of the glass shelf and lift it out of the appliance.

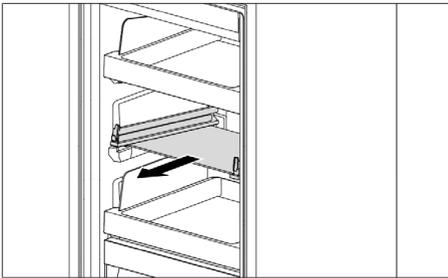


Fig. 8.2 Removing the glass shelf and runners

#### Removing the runners from the glass

Pull both runners away from the glass shelf

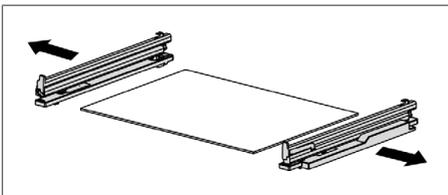


Fig. 8.3 Removing the runners from the glass

#### Fitting the glass shelf and pull-out tray shelf

- ▶ To install, follow the steps in reverse order.

### 8.2 Freezer drawer

- ▶ Pull out the drawer as far as possible.
- ▶ Lift forwards slightly; the drawer will then be removed.

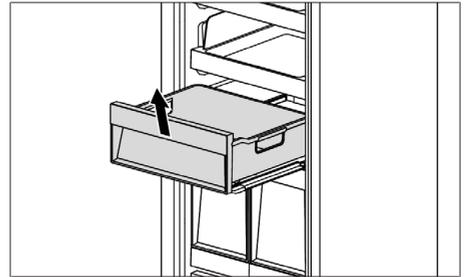


Fig. 8.4 Freezer drawer

### 8.3 Multi-tray

The multi-tray can be used in the freezer drawers.

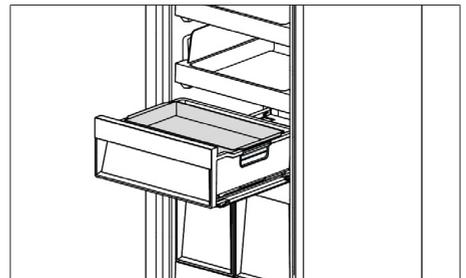


Fig. 8.5 Multi-tray

### 8.4 Ice Maker compartment

The Ice Maker compartment consists of the Ice Maker and the deep storage tray, which can be found on a pull-out tray shelf.

### 8.4.1 Deep storage tray

The deep storage tray is specially designed to hold larger food containers or bulky items.

- ▶ Pull out the tray shelf that holds the deep storage tray.
- ▶ Lift the deep storage tray at the front.
- ▶ Pull the deep storage tray out to the front.
- ▶ The deep storage tray can now be lifted off the pull-out tray shelf.

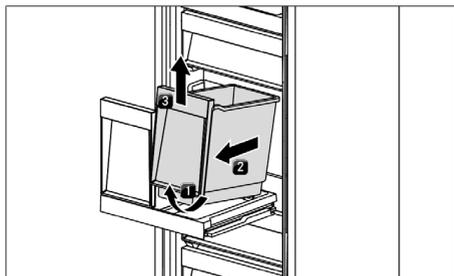


Fig. 8.6 Removing the deep storage tray

### 8.4.2 Ice Maker

- ▶ Pull out the tray shelf that holds the deep storage tray.
- ▶ The ice cube tongs and container can be removed from the deep storage tray.

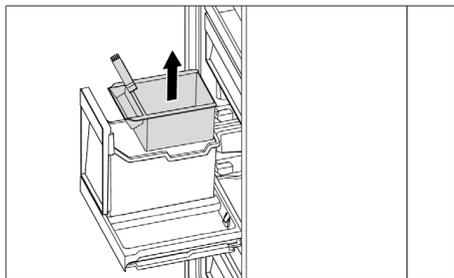


Fig. 8.7 Ice cube container with tongs

- i** The ice cube tongs must not be permanently stored in the ice cube container if the container is in the freezer section.

## 9 Saving energy

- Always ensure good ventilation. Do not cover ventilation openings or screens.
- Always ensure ventilator slits are unobstructed.
- Do not set up appliance in direct sunlight, next to oven, heating and the like.
- Energy consumption depends on the setup conditions, e.g. the ambient temperature (Technical data). Energy consumption may increase in warmer ambient temperatures.
- Open appliance for as short a time as possible.
- The lower the temperature is set, the higher the energy consumption.
- Keep all food well packaged and covered. Frost build-up is avoided.
- Putting in cooked meals: allow to cool to room temperature first.

## 10 Cleaning and maintenance

### 10.1 Defrost appliance

The appliance must not be defrosted. It is defrosted automatically by the No Frost system. The moisture precipitates on the evaporator, is periodically defrosted and evaporated.

#### 10.1.1 Manually defrost appliance

After a long period of operation, a layer of frost or ice will form.

The following factors increase the formation of frost and ice:

- Appliance being frequently opened.
- Hot food being placed in appliance.

#### Manually defrost

- ▶ Switch off the appliance.
- ▶ Remove the mains plug or isolate the appliance.
- ▶ Wrap freezer goods in newspaper or cover and keep in cool place.
- ▶ Place a pot with hot, non-boiling water on a middle shelf.
  - This will accelerate the defrosting process.
  - Leave the compartment and appliance door open during the defrosting process.
- ▶ Remove the loosened ice.
- ▶ Ensure that no condensation runs into the furniture fitting.
- ▶ You may need to remove the condensation several times with a sponge or cloth.
- ▶ Clean the appliance.

### 10.2 Clean the appliance

Only use soft cleaning cloths and pH-neutral multi-purpose cleaning products.

- ▶ Never use steam cleaners, abrasive sponges, scouring pads or chemically aggressive cleaning agents (e.g. oven cleaner spray).
- ▶ Make sure that the cleaning agent does not contain any sand, soda, acids, lyes or chloride.

#### 10.2.1 Preparation

- ▶ Empty the appliance.
- ▶ Unplug from the mains.

#### 10.2.2 Cleaning the interior

- ▶ Clean plastic surfaces by hand with a soft, clean cloth, lukewarm water and dishwashing detergent.
- ▶ Clean metal surfaces by hand with a soft, clean cloth, lukewarm water and some dishwashing detergent.
- ▶ Remove the deposits in the outlet with a thin device (e.g. cotton bud).

#### 10.2.3 Clean equipment and accessories

##### Clean with a soft, clean cloth, lukewarm water and some dishwashing detergent:

Components that need to be cleaned by hand:

- Pull-out tray shelves
- Multi-tray
- Drawers
- Ice cube container
- Accessories

##### Cleaning in the washing machine at 60°C:

The following parts are suitable for machine washing:

- Glass plates
- Ice cube tongs

##### Cleaning the telescopic rails

The telescopic rails must only be cleaned with a damp cloth. The grease in the tracks is used to lubricate and must not be removed!

#### 10.2.4 Clean Ice Maker

The Ice Maker can be cleaned in different ways.

##### Cleaning must be carried out for:

- Initial operation
- Disuse for more than 5 days.

##### Prerequisites:

Ice Maker drawer is empty and inserted.  
Ice Maker is activated.

##### Cleaning with the Tube clean function

Use the Tube clean function for initial operation and after long periods of disuse of the Ice Maker.

- ▶ Place the ice cube container into the drawer below the Ice Maker.

- ▶ Activate the Tube clean function (see Operation).
- The maximum running time of the Tube clean function is 60 minutes.
- ▶ Remove the Ice Maker drawer and the ice cube container.
- ▶ Clean the Ice Maker drawer and the ice cube container with warm water and some dishwashing detergent.
- ▶ Insert the Ice Maker drawer with the ice cube container.
- Ice cube production will begin automatically.
- ▶ Dispose of the ice cubes that are produced 24 hours after ice cube production begins.

#### **Manually clean Ice Maker.**

- ▶ Remove the Ice Maker drawer and the ice cube container.
- ▶ Clean the Ice Maker drawer and the ice cube container with warm water and some dishwashing detergent.
- ▶ Insert the Ice Maker drawer with the ice cube container.
- Ice cube production starts automatically when the Ice Maker function is activated.

### **10.2.5 After cleaning**

- ▶ Dry off the appliance and equipment.
- ▶ Connect the appliance and switch it on.
- ▶ Activate the Power Freeze function (Special programmes).
- ▶ Put food back in once the temperature is cool enough.
- ▶ Regularly repeat the cleaning process.

# 11 Troubleshooting

## 11.1 Operating noises

During operation, the appliance will produce different running noises.

- If the cooling output is low, the appliance will operate in an energy-saving manner but for longer. The volume will be lower.
- If the cooling output is high, the food will be cooled faster. The volume will be higher.

Examples:

- activated functions
- ventilator running
- food recently inserted
- high ambient temperature
- door left open for a long time

Noise	Possible causes	Noise type
Bubbling and pattering	Cooling agent is flowing in cooling circuit.	Normal operating noise
Hissing and whizzing	Cooling agent being sprayed into cooling circuit.	Normal operating noise
Humming	The appliance is cooling. The volume depends on the cooling output.	Normal operating noise
Slurping noises	The door with closing silencer is opened and closed.	Normal operating noise
Whirring and swooshing	Ventilator is running.	Normal operating noise
Clicking	Components are being switched on and off.	Normal switching noise
Clattering and buzzing	Valves are active.	Normal switching noise

Tab. 11.1 Normal noises

Noise	Possible causes	Noise type	Rectify
Vibration	Inappropriate installation	Error noise	Check installation. Positioning appliance.
Rattling	Equipment, items in appliance interior	Error noise	Fasten equipment parts. Keep distance between items.

Tab. 11.2 Noises due to errors

## 11.2 Technical fault

Your appliance is designed and manufactured so as to ensure reliable functioning and a long service life. However, if a fault occurs during operation, please check whether the fault is caused by an operating error. In this case, you must pay for any costs incurred, even during the guarantee period. The following faults can be rectified by you.

### 11.2.1 Appliance functioning

Operating situation	Cause	Remedy
The appliance does not work.	Appliance is switched off.	switch on the appliance.
	The power cable is not properly inserted in the outlet.	Check the power cable.
	The plug fuse is faulty.	Check the fuse.
	Power outage	Keep the appliance closed. Protect the food: Lay a thermal pack on the food or use a freezer/refrigerator powered by other means if the power outage continues for an extended period of time. Do not re-freeze any thawed food.
	The appliance power cable does not plug in properly.	Check the appliance power cable.
Temperature is not cold enough.	The appliance door is not properly closed.	Close the appliance door.
	Insufficient ventilation.	Solution: see range of application of the appliance.
	Ambient temperature too high.	Solution: see range of application of the appliance.
	The appliance has been opened too frequently or for too long.	Check whether the appliance reaches the required temperature again by itself. If not, contact the BORA Service Team.
	The temperature is set wrong.	Set the temperature to be colder and check after 24 hours.
	The appliance is too close to a heat source (oven, heating, etc.).	Change the location of the appliance or heat source.
	The appliance has not been properly installed into the niche.	Check whether the appliance has been correctly installed and that the door closes properly.
The appliance is frosty or there is a build-up of condensation.	The door seal is able to slip out of the groove.	Ensure that the door seal is correctly positioned in the groove.
The door seal is faulty or needs to be replaced for other reasons.	The door seal is replaceable. It can be changed out without tools.	Contact the BORA Service Team.

Tab. 11.3 Troubleshooting

## 11.2.2 Equipment

Operating situation	Cause	Remedy
The interior lighting does not switch on.	Appliance is switched off.	switch on the appliance.
	The door was open for longer than 15 min.	The interior lighting automatically switches off after the door has been open for approx. 15 min.
	The LED lighting is faulty or the cover is damaged.	Contact the BORA Service Team.
The freezer compartment does not close	The lock is engaged when the door is open.	Grip the handle again.

Tab. 11.4 Troubleshooting

## 12 Decommissioning, disassembly and disposal

- ▶ Observe all safety and warning information (see "2 Safety").
- ▶ Follow the enclosed manufacturer's information.

### 12.1 Decommissioning

Decommissioning refers to ultimate decommissioning and disassembly. Following decommissioning, the appliance can either be installed in another unit, sold on privately or disposed of.

- ▶ Remove the food from the appliance.
- ▶ Deactivate the Ice Maker (if applicable).
- ▶ Open the appliance door and leave it open in order to avoid unpleasant odours due to residual moisture.
- ▶ Switch the appliance off before decommissioning (see operating instructions)
- ▶ Disconnect the appliance from the power supply.

### 12.2 Disassembly

To be removed, the appliance must be accessible for disassembly and disconnected from the power supply.

- ▶ Remove any other accessories.
- ▶ Dispose of the old appliance and any soiled accessories as described under "Environmentally-friendly disposal".

### 12.3 Environmentally-friendly disposal

#### 12.3.1 Disposal of transport packaging

- i** The packaging protects the appliance from damage during transport. The packaging materials have been selected taking into account the environment and their disposal and are therefore recyclable.

Recycling the packaging saves raw materials and reduces waste. Your specialist retailer will take the packaging back.

- ▶ Give the packaging to your specialist retailer or

- ▶ dispose of the packaging correctly observing regional regulations.

#### 12.3.2 Disposal of accessories

Dispose of unnecessary or used accessories (activated charcoal filters, etc.) accordingly taking into account the regional regulations.

#### 12.3.3 Disposal of the old appliance



Electrical appliances with this mark must not be disposed of in the household waste at the end of their service life. They must be disposed of at a collection point for the recycling of electrical or electronic appliances. Information on this can be obtained from the city or local councils.

Waste electrical and electronic appliances often still contain valuable materials. However, they also contain harmful substances that were necessary to make them work and ensure their safety. If placed in the household waste or handled incorrectly, they may harm human health and damage the environment.

- ▶ Never dispose of your old appliance in the household waste.
- ▶ Take the appliance to a regional collection point for the return and further processing of electrical and electronic components and other materials.

## 13 Warranty, technical service, spare parts, accessories

- Observe all safety and warning information (see "2 Safety").

### 13.1 BORA manufacturer's warranty

BORA provides its end customers with a 2-year manufacturer's warranty for its products. The end customer is entitled to this warranty in addition to the statutory claims for defects against the sellers of our products.

The manufacturer's warranty applies to the BORA products listed here, which are sold by authorised BORA retailers or by BORA trained salespersons and are installed within the European Union (overseas territories excluded), Switzerland, Liechtenstein, Ukraine, Russia, Norway, Serbia, Israel, UK, Iceland, India, Australia and New Zealand, with the exception of BORA products labelled as universal or accessories:

- BORA Freeze

The manufacturer's warranty starts as soon as the BORA product is handed over to the end customer and is valid for 2 years. Registering on [www.mybora.com](http://www.mybora.com) enables the manufacturer's warranty to be extended to 3 years.

The manufacturer's warranty requires expert installation (in accordance with the valid BORA planning guide and operating instructions at the time of installation) of the BORA products by an authorised BORA retailer. During use, the end customer is to adhere to the specifications and instructions in the operating manual.

When filing a warranty claim, BORA must be directly notified of the fault and the receipt must be presented. Alternatively, proof of purchase can be provided by registering on [www.mybora.com](http://www.mybora.com).

BORA guarantees that all BORA products are free from material and production defects. Filing a warranty claim does not interrupt the warranty period, nor shall the period start anew.

BORA will correct defects in BORA products at its own discretion by repairing or replacing the product. All costs for the correction of defects under the manufacturer's warranty shall be assumed by BORA. Expressly not covered by the BORA manufacturer's warranty are:

- BORA products that were not sold by authorised BORA dealers or salespersons trained by BORA
- Damage caused by non-adherence to the operating instructions (including product care and cleaning). This represents improper use.
- Secondary damage or claims for damages beyond the defect

Legal claims, particularly statutory claims for defects or product liability are not limited by the warranty and can be asserted free of charge.

If a defect is not covered by the manufacturer's warranty, a claim may be made against the BORA Technical Service.

BORA shall not assume the resulting costs.

The laws of the Federal Republic of Germany apply to these warranty conditions.

You can contact us at:

BORA Vertriebs GmbH & Co KG, Innstraße 1, 6342 Niederndorf, Austria

- Telephone: 00800 7890 0987

Monday to Thursday from 08:00-18:00 and Friday from 08:00-17:00

- Email: [support@bora.com](mailto:support@bora.com)

#### 13.1.1 Warranty extension

You can extend the warranty by registering at [www.bora.com/registration](http://www.bora.com/registration).

### 13.2 Service

#### BORA Service:

see reverse side of operating and assembly instructions



- In the case of faults you cannot fix yourself, contact your BORA specialised retailer or the BORA Service Team.

The BORA Service Team will require the type designation and serial number of your appliance (FD number).

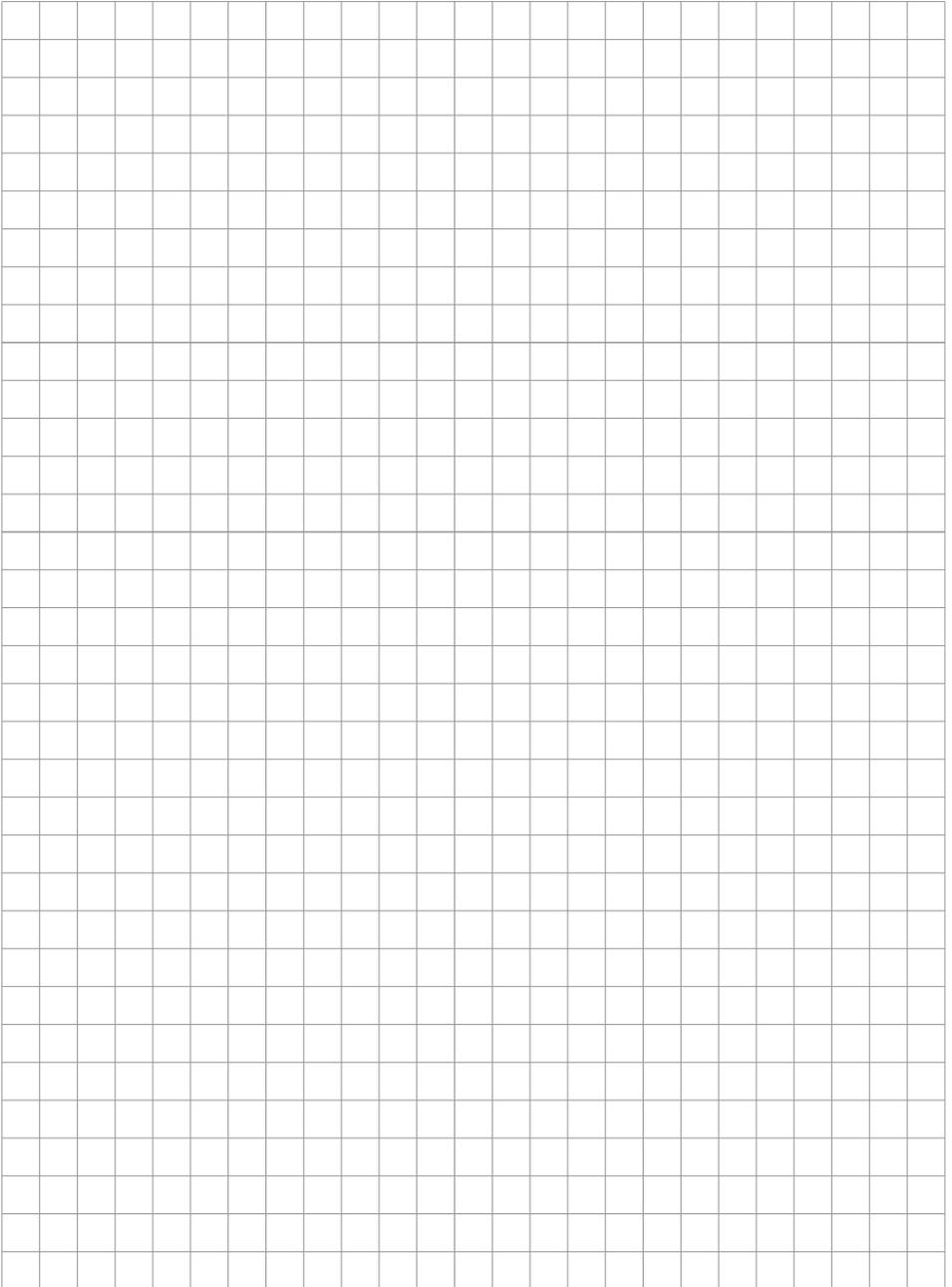
Both of the specifications can be found behind the drawer and under the information on the display.

### 13.3 Spare parts

- ▶ Only use original spare parts for repairs.
  - ▶ Repairs may only be carried out by trained personnel.
- Spare parts are available for at least 10 years after delivery.

 Spare parts can be obtained from your BORA dealer, the BORA online service website at [www.bora.com/service](http://www.bora.com/service) or by calling the service number provided.





**D**

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