EN **Operating instructions COOL**

Contents

1 General information

These instructions and all accompanying documents contain important information to protect you from injury and prevent damage to the appliance.

▶ 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

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 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

The appliances comply with the following EU/EC regulations:
● 2009/125/EC Ecodesign Directive
● 2011/65/EU RoHS Directive

The cooling agent circuit has been checked for water tightness.

The Fresh zero compartment meets the requirements of a refrigerating compartment according to EN 62552:2020.

BORA Vertriebs GmbH & Co KG hereby declares that the 130 004 and 110 002 radio equipment complies with directive 2014/53/EU.

The appliance supports the following frequency bands:
● 2.4 GHz: 100 mW max.

The full text of the EU declaration of conformity and the UK statement of compliance is available at the following address:

https://www.bora.com

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

The article described in these instructions is hereinafter also referred to as an appliance. All measurements are provided in millimetres.

Operating instructions
▶ Always follow all instructions in the prescribed order.

Enumerations
● Enumeration 1
● Enumeration 2

Info points

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

Safety and warning information

⚠ 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 minor 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

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.

ℹ️ 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.

ℹ️ Any work involving cleaning and maintenance must not be carried out by children unless they are supervised at all times while doing so.

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   C178K

Parameter	Value
Maximum power rating	1.2 A
Supply voltage	220–240 V ~
Frequency	50–60 Hz
Number of controllable cooling circuits	1
Adjustable temperature range of refrigeration compartment	+3 °C to +9 °C
Number of BORA Fresh zero trays	3
Maximum filter service life	1 year
Number of refrigeration compartment shelves	8
Installation method	Built-in
Max. Door front weight	26 kg
Door hinge side	right variable
Door opening angle	115°
Power supply cable plug type	country specific
Dimensions (width × height × depth)	559 x 1770 x 546 mm
Weight (net)	65.4 kg
Weight (incl. accessories/packaging)	68.6 kg
Total volume	296 L
Refrigeration compartment volume	296 l
of which, BORA Fresh zero	98.4 L
Guaranteed availability period for software updates (from product discontinuation date)	2 years

Tab. 3.1   Technical data C178K

3.2   C178KGF

Parameter	Value
Maximum power rating	1.2 A
Supply voltage	220–240 V ~
Frequency	50–60 Hz
Number of controllable cooling circuits	1
Adjustable temperature range of refrigeration compartment	+3 °C to +9 °C
Number of BORA Fresh zero trays	3
Maximum filter service life	1 year
Number of refrigeration compartment shelves	8
Defrost procedure	Automatic
Storage time in the event of a fault acc. to GS	14 h
Freezing capacity in 24 h acc. to GS	2 kg/24 h
Installation method	Built-in
Max. Door front weight	26 kg
Door hinge side	right variable
Door opening angle	115°
Power supply cable plug type	country specific
Dimensions (width × height × depth)	559 x 1770 x 546 mm
Weight (net)	67.9 kg
Weight (incl. accessories/packaging)	71.4 kg
Total volume	276 L
Refrigeration compartment volume	250 l
of which, BORA Fresh zero	98.4 L
Freezer compartment volume	27 L
Guaranteed availability period for software updates (from product discontinuation date)	2 years

Tab. 3.2   Technical data C178KGF

3.3 C178KG

Parameter	Value
Maximum power rating	1.4 A
Supply voltage	220–240 V ~
Frequency	50–60 Hz
Number of controllable cooling circuits	2
Adjustable temperature range of refrigeration compartment	+3 °C to +9 °C
Number of BORA Fresh zero trays	2
Maximum filter service life	1 year
Number of refrigeration compartment shelves	5
Freezer compartment temperature range	-15 °C to -26 °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	6 kg/24 h
Number of drawers in the freezer compartment	3
Installation method	Built-in
Max. Door front weight	Refrigerator compartment/freezer compartment 18 kg/12 kg
Door hinge side	right variable
Door opening angle	115°
Power supply cable plug type	country specific
Dimensions (width × height × depth)	559 x 1770 x 546 mm
Weight (net)	66.6 kg
Weight (incl. accessories/packaging)	69.2 kg
Total volume	245 L
Refrigeration compartment volume	175 L
of which, BORA Fresh zero	71.2 L
Freezer compartment volume	70 L

Parameter	Value
Guaranteed availability period for software updates (from product discontinuation date)	2 years

Tab. 3.3   Technical data C178KG

3.4 C178KGW

Parameter	Value
Maximum power rating	1.4 A
Supply voltage	220–240 V ~
Frequency	50–60 Hz
Number of controllable cooling circuits	2
Adjustable temperature range of refrigeration compartment	+3 °C to +9 °C
Number of BORA Fresh zero trays	2
Maximum filter service life	1 year
Number of refrigeration compartment shelves	5
Freezer compartment temperature range	-15 °C to -26 °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	6 kg/24 h
Number of drawers in the freezer compartment	3
Length of water inlet pipe	2 m
Water inlet pipe connection	3/4"
Installation method	Built-in
Max. Door front weight	Refrigerator compartment/freezer compartment 18 kg/12 kg
Door hinge side	right variable
Door opening angle	115°
Power supply cable plug type	country specific
Dimensions (width × height × depth)	559 × 1770 × 546 mm
Weight (net)	68.8 kg
Weight (incl. accessories/packaging)	72 kg
Total volume	246 l

Parameter	Value
Refrigeration compartment volume	175 L
of which, BORA Fresh zero	71.2 L
Freezer compartment volume	71 l
Guaranteed availability period for software updates (from product discontinuation date)	2 years

Tab. 3.4   Technical data C178KGW

3.5   C194KG

Parameter	Value
Maximum power rating	1.4 A
Supply voltage	220–240 V ~
Frequency	50–60 Hz
Number of controllable cooling circuits	2
Adjustable temperature range of refrigeration compartment	+3 °C to +9 °C
Number of BORA Fresh zero trays	2
Maximum filter service life	1 year
Number of refrigeration compartment shelves	6
Freezer compartment temperature range	-15 °C to -26 °C
Defrost procedure	No Frost
Storage time in the event of a fault acc. to GS	9 hrs
Freezing capacity in 24 h acc. to GS	6 kg/24 h
Number of drawers in the freezer compartment	3
Installation method	Built-in
Max. Door front weight	Refrigerator section/freezer section 19 kg/12 kg
Door hinge side	right variable
Door opening angle	115°
Power supply cable plug type	country specific
Dimensions (width × height × depth)	559 × 1938 × 546 mm
Weight (net)	71 kg

Parameter	Value
Weight (incl. accessories/packaging)	76 kg
Total volume	275 l
Refrigeration compartment volume	205 l
of which, BORA Fresh zero	71.2 l
Freezer compartment volume	70 l
Guaranteed availability period for software updates (from product discontinuation date)	2 years

Tab. 3.5   Technical data C194KG

4   Function overview

Features	C178K	C178KGF	C178KG	C178KGW	C194KG
Refrigerator compartment	✓	✓	✓	✓	✓
4–star freezer compartment			✓	✓	✓
4–star freezer compartment		✓			
Water connection				✓	
Odour filter	✓	✓	✓	✓	✓
No Frost			✓	✓	✓
Smart Frost		✓			
Functions					
Ice Maker				✓	
Ice Maker Max				✓	
Cleaning	✓	✓	✓	✓	✓
Power Cool	✓	✓	✓	✓	✓
Power Freeze			✓	✓	✓
Party	✓	✓	✓	✓	✓
Eco	✓	✓	✓	✓	✓
Holiday	✓	✓	✓	✓	✓
Lock	✓	✓	✓	✓	✓
Defrost			✓	✓	✓
Tube clean				✓	
Connect	✓	✓	✓	✓	✓
Safety features					
Door alarm	✓	✓	✓	✓	✓
Power fail			✓	✓	✓
Temperature fail			✓	✓	✓

Tab. 4.1   Function overview

5 Appliance description

5.1 Model description

Model	Long description
C178K	Cool refrigerator
C178KGF	Cool refrigerator with 4-star freezer compartment
C178KG	Cool refrigerator-freezer combination
C178KGW	Cool refrigerator-freezer with water connection
C194KG	Cool XL refrigerator-freezer

Tab. 5.1 Model description
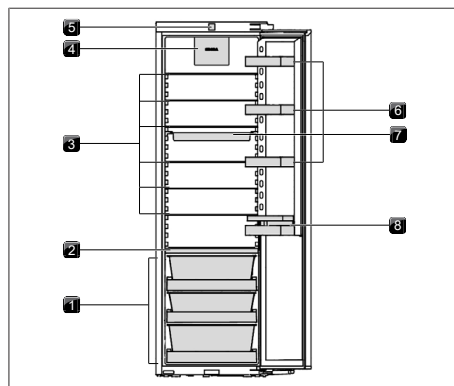
5.2 Structure

5.2.1 Cool refrigerator

Fig. 5.1 Design C178K

[1] Fresh zero compartment
[2] Fresh zero parting layer with multi-pad
[3] Storage shelf
[4] Fan with odour filter
[5] Display with user interface
[6] Tinned foods storage shelf
[7] Multi-tray with holding bars
[8] Bottle storage shelf

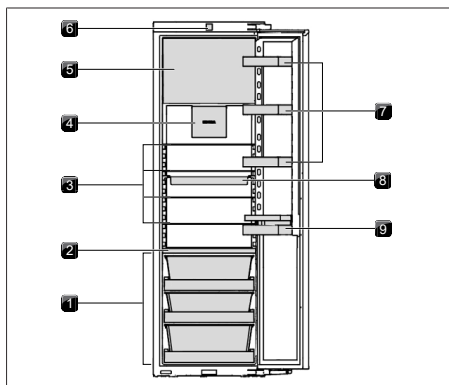### 5.2.2 Cool refrigerator with 4-star freezer compartment

Fig. 5.2 Design C178KGF

[1] Fresh zero compartment
[2] Fresh zero parting layer with multi-pad
[3] Storage shelves
[4] Fan with odour filter
[5] 4-star freezer compartment
[6] Display with user interface
[7] Tinned foods storage shelf
[8] Multi-tray with holding bars
[9] Bottle storage shelf
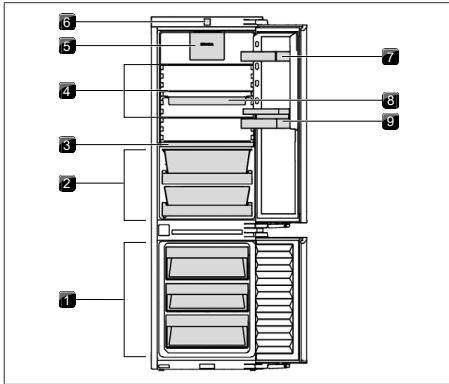
5.2.3 Cool refrigerator-freezer combination

Fig. 5.3 Design C178KG

[1] 4-star freezer compartment
[2] Fresh zero compartment
[3] Fresh zero parting layer with multi-pad
[4] Storage shelves
[5] Fan with odour filter
[6] Display with user interfaces
[7] Tinned foods storage shelf
[8] Multi-tray with holding bars
[9] Bottle storage shelf

5.2.4 Cool refrigerator-freezer with water connection

Fig. 5.4 Design C178KGW

[1] 4-star freezer compartment
[2] Ice Maker
[3] Fresh zero compartment
[4] Fresh zero parting layer with multi-pad
[5] Storage shelves
[6] Fan with odour filter
[7] Display with user interfaces
[8] Tinned foods storage shelf
[9] Multi-tray with holding bars
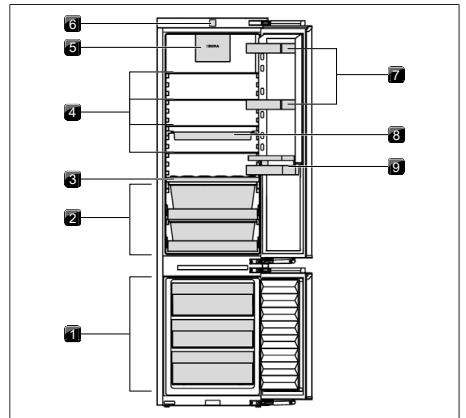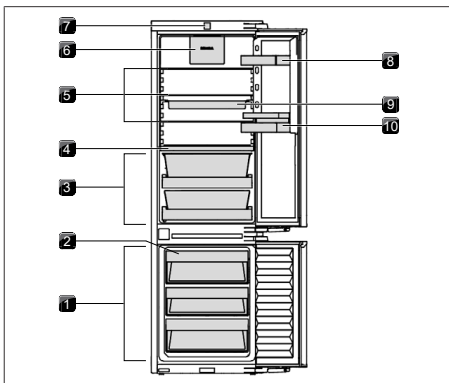[10] Bottle storage shelf

5.2.5 Cool XL refrigerator-freezer

Fig. 5.5 Design C194KG

[1] 4-star freezer compartment
[2] Fresh zero compartment
[3] Fresh zero parting layer with multi-pad
[4] Storage shelves
[5] Fan with odour filter
[6] Display with user interfaces
[7] Tinned foods storage shelf
[8] Multi-tray with holding bars
[9] Bottle storage shelf

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 Cooling section

The special air circulation enables the same temperature to be set throughout the refrigerator section (except for the Fresh zero compartment).

Arranging food:
▶ In the upper section and in the door: Butter and cheese, tinned foods and tubes.
▶ In the middle section, perishable foods such as finished dishes.

6.1.2 BORA Fresh zero

The Fresh zero compartment allows some fresh food to be stored for a longer period of time compared with conventional refrigeration. For food with a best before date, the date printed on the packaging applies.
The moisture regulating cover allows you to create the ideal storage conditions for your food. Thanks to the two different positions of the cover, you can choose between humid and dry storage conditions.
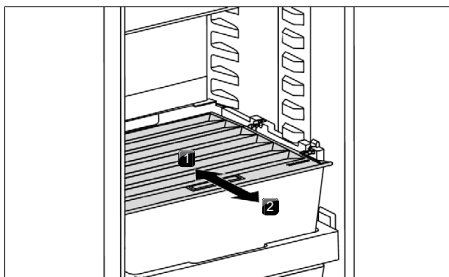

Fig. 6.1   Set up moisture regulating cover

[1]   Seal Fresh zero tray
[2]   Ventilate Fresh zero tray

Arranging food:
To keep food fresh over a long period of time, humidity, besides temperature, is vitally important. When the cover is closed, the humidity in the Fresh zero tray increases and, alongside the low temperature, creates ideal conditions for storing fruit and vegetables.
By opening (pulling forwards) the cover, the Fresh zero tray is gently ventilated and a relatively dry storage environment is created. This environment is ideal for storing fish, meat and dairy products.
Every Fresh zero tray, which features a moisture regulating cover, allows you to set up both storage environments.

6.1.3 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.

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. (see "3 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.

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 "7.4.2 Power Freeze").

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.

6.2.1 Cooling section

The best before date printed on the packaging applies.

6.2.2 Fresh zero

Food	Fresh zero temperature	Cooling section storage life	Fresh zero storage life
Artichokes	ca. 0 °C	up to 6 days	up to 14 days
Celery	ca. 0 °C	up to 12 days	up to 28 days
Cauliflower	ca. 0 °C	up to 10 days	up to 21 days
Broccoli	ca. 0 °C	up to 3 days	up to 13 days
Chicory	ca. 0 °C	up to 14 days	up to 27 days
Corn salad	ca. 0 °C	up to 3 days	up to 19 days
Peas	ca. 0 °C	up to 6 days	up to 14 days
Carrots	ca. 0 °C	up to 40 days	up to 80 days

Food	Fresh zero temperature	Cooling section storage life	Fresh zero storage life
Kohlrabi	ca. 0 °C	up to 6 days	up to 14 days
Lettuce	ca. 0 °C	up to 2 days	up to 13 days
Herbs	ca. 0 °C	up to 3 days	up to 13 days
Leeks	ca. 0 °C	up to 7 days	up to 29 days
Mushrooms	ca. 0 °C	up to 2 days	up to 7 days
Brussels sprouts	ca. 0 °C	up 9 days	up to 20 days
Asparagus	ca. 0 °C	up to 8 days	up 18 days
Spinach	ca. 0 °C	up to 4 days	up to 13 days

Tab. 6.1   Guidelines for storage life of vegetables

Food	Fresh zero temperature	Cooling section storage life	Fresh zero storage life
Apricots	ca. 0 °C	up to 6 days	up to 13 days
Apples	ca. 0 °C	up to 40 days	up to 80 days
Pears	ca. 0 °C	up to 21 days	up to 55 days
Blackberries	ca. 0 °C	up to 1 day	up to 3 days
Strawberries	ca. 0 °C	up to 2 days	up to 7 days
Figs	ca. 0 °C	up to 2 days	up to 7 days
Blueberries	ca. 0 °C	up to 3 days	up 9 days
Raspberries	ca. 0 °C	up to 1 day	up to 3 days
Currants	ca. 0 °C	up to 2 days	up to 7 days
Cherries, sweet	ca. 0 °C	up to 6 days	up to 14 days
Kiwi	ca. 0 °C	up to 32 days	up to 80 days
Peach	ca. 0 °C	up to 4 days	up to 13 days
Plums	ca. 0 °C	up to 8 days	up to 20 days
Cranberries	ca. 0 °C	up to 32 days	up to 60 days
Grapes	ca. 0 °C	up to 10 days	up to 29 days

Tab. 6.2   Guidelines for storage life of fruit

Food	Fresh zero temperature	Cooling section storage life	Fresh zero storage life
Butter	ca. 0 °C	up to 20 days	up to 90 days
Hard cheese	ca. 0 °C	up to 20 days	up to 110 days
Milk	ca. 0 °C	up to 3 days	up to 12 days
Sausage, cold cuts	ca. 0 °C	up to 1 day	up to 8 days
Poultry	ca. 0 °C	up to 1 day	up to 6 days
Pork	ca. 0 °C	up to 1 day	up to 6 days
Beef	ca. 0 °C	up to 1 day	up to 6 days
Game	ca. 0 °C	up to 1 day	up to 6 days

Tab. 6.3 Guidelines for the storage life of meat and whey products

6.2.3 Freezer section

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. 6.4 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.
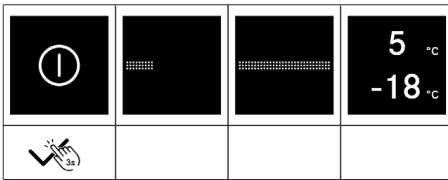
Fig. 7.1   Switching on

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.
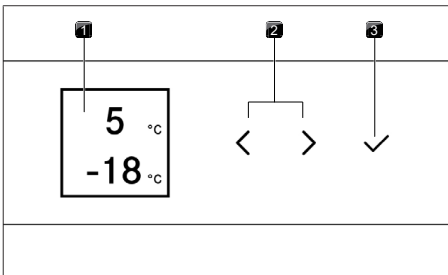

Fig. 7.2   User interfaces

[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.
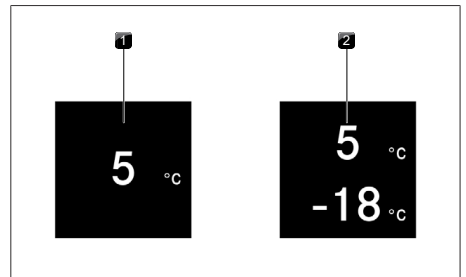

Fig. 7.3   Temperature displays

[1]   Refrigerators temperature display
[2]   Refrigerator-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.
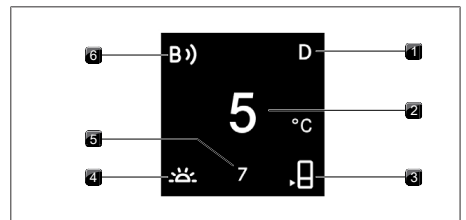

Fig. 7.4   Status display

[1]   Demo mode display
[2]   Temperature display
[3]   Temperature assignment (fridge/freezer section)
[4]   Function display
[5]   Target temperature display
[6]   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

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.
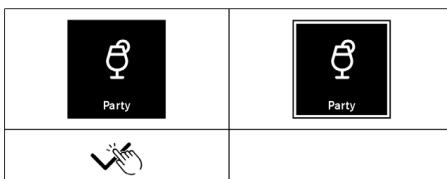● There will be a beep and the function will be shown with a white border.

Fig. 7.5   Activate function

Deactivate function

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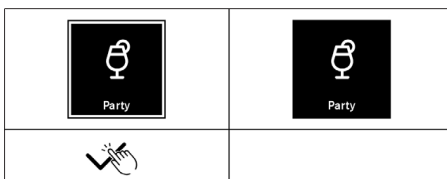● There will be a beep and the function will be shown without a white border.

Fig. 7.6   Deactivate function

7.3   Main menu

7.3.1   Temperature and status display

The current temperature of the respective sections is displayed.

7.3.2 Set refrigerator section temperature

The refrigerator temperature can be set between +3°C to +9°C. The refrigerator section can also be switched off independently of the entire appliance. The lighting is also switched off in the refrigerator section.
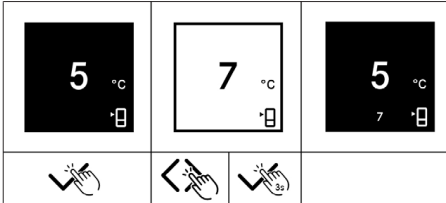

Fig. 7.7   Set refrigerator temperature

7.3.3 Set freezer temperature

The freezer temperature can be set between +15°C to +26°C. Switching off the freezer section causes all other sections of the appliance to switch off as well.
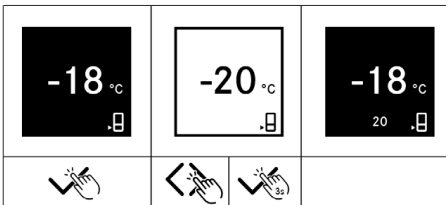

Fig. 7.8   Set freezer temperature

7.3.4 Ice Maker ᯲

The Ice Maker function controls the automatic ice cube production of the appliance. When activated, the Ice Maker function produces 1.20 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.

7.3.5 Ice Maker max ᯲

When the Ice Maker Max function is activated, ice cube production is maximised. With this function, the appliance produces 1.50 kg ice cubes in 24 hours. The temperature of the freezer compartment is reduced to -26 °C.

7.3.6 Cleaning ✋

The function allows the user to effectively clean the refrigerator. The light is turned on and the refrigerator function and the door alarm are deactivated for the duration of the cleaning. Freezer sections are not affected by the cleaning function. The maximum period is limited to one hour but can be manually deactivated at any time.

7.3.7 Special ☆

Additional special programmes can be used independently of your appliance.

7.3.8 Connect ᴮ⁾

🛈   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.

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.
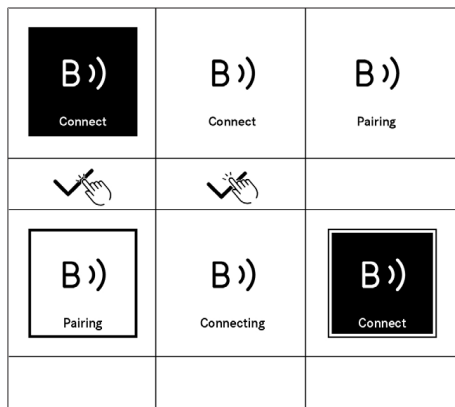● Connection has been established.

Fig. 7.9   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.

7.3.9   Settings ☰

You can set additional settings here (see "7.5 Settings").

7.3.10   Switch off appliance

The refrigerator section can be switched off independently of the freezer section via the temperature settings. 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 Cool ❄

The appliance cools the refrigerator section to +2 °C - +4 °C for 18 hours . This allows larger amounts of food to be cooled down more quickly. The function can be deactivated at any time.

7.4.2   Power Freeze ❄₊

The appliance cools the freezer section to the minium 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.

7.4.3   Party ♀

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

7.4.4   Eco ♥

With the Eco function, the temperature of the refrigerator compartment is increased to 7 °C and the temperature of the freezer compartment to -16 °C. Food remains fresh but its storage life is reduced. The Eco function must be deactivated manually. There is no automatic deactivation.

7.4.5   Holiday ☀

The temperature of the refrigeration section increases by 15°C in order to save energy for longer periods of absence. The temperature is selected to avoid unpleasant odours or the formation of mould in the refrigeration section. The operation of the freezer section remains unaffected.
▶ Ensure that no easily perishable food is stored in the refrigerator section when the Holiday function is activated.
▶ The refrigerator section should be empty.
The Holiday function must be deactivated manually. There is no automatic deactivation.

7.4.6 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 and retailer menus.
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 and is used for the refrigerator and freezer compartments of the appliance. 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.
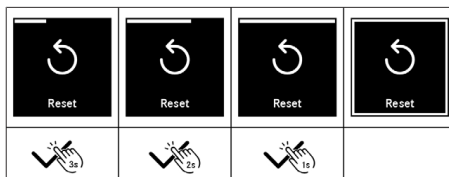▶ Long press the confirmation key.

Fig. 7.10   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 failure warning is displayed for appliances with a freezer section when the freezer section temperature increases due to power failure. After the power failure has ended, the current temperature in the freezer section 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 failure warning is shown for appliances with freezer compartments if the freezer compartment 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 in the freezer compartment 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 Filter change

If this reminder pops it, it is time to change the odour filter (see "10.3 Change odour filter").

Filter change

7.7.2 No ice drawer

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

No ice drawer

7.8 User menu

7.8.1 Open customer menu

▶ Go to the appliance information under the menu item 'Settings'.
▶ Long press the confirmation key.
● The input screen for the customer code will be displayed.
▶ Enter the code 151.
● The customer menu will open.

Typ Cool 178xxx
Index 20A/Bxx
Serial 0002304BCxxxx
Art. 005208-100xx

1_ _

1 5 1
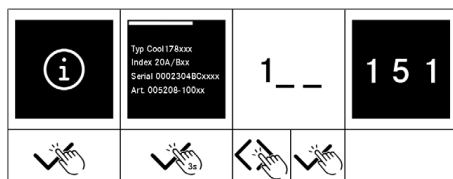
Fig. 7.11 Open customer menu

7.8.2 Customer menu functions

The following customer menu functions are available in all device models.

BORA Fresh zero

5
BORA Fresh zero

The temperature in the Fresh zero section is set to 5 by default. You can slightly adjust this value if this is necessary due to a higher or lower ambient temperature. The lower the value selected, the colder the Fresh zero section will be. At a value between 1 and 4, the temperature may fall below 0 °C so that the food can freeze easily.

Freezing level

5
Freezing level

With the Freezing level, the 4-star freezer compartment can be adjusted to be slightly warmer or slightly colder. This is set to 5 by default. Any value below 5 will cause the 4-star freezer compartment to get colder, and any value above 5 warmer.

Defrost

Defrost

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

Tube clean

Tube clean

This setting allows the Ice Maker pipes to be cleaned. (see "10 Cleaning and maintenance")

Cube size

5
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

UI SW: XXXXXXXX
PB SW:
V.1.23.0_TOD_V3.XX
Software

Information about the current software version installed in the appliance.

7.9 Retailer menu

7.9.1 How to open the retailer menu

▶ Go to the appliance information under the menu item 'Settings'.
▶ Long press the confirmation key.
● The input screen for the retailer code will be displayed.
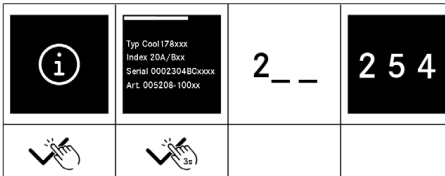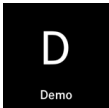▶ Enter the code 254.
● The retailer menu will open.

ⓘ	Typ Cool 178xxx Index 20A/Bxx Serial 0002304BCxxxx Art. 005208-100xx	2_ _	2 5 4
✋	✋		

Fig. 7.12   How to open the retailer menu

7.9.2 Demo mode

Demo

D
Demo

This setting gives access to demo mode.

8 Equipment

8.1 4-star freezer compartment

Open 4-star freezer compartment:
▶ Grip handle area from below.
▶ Press down handle plate while pulling door forwards.

Close 4-star freezer compartment:
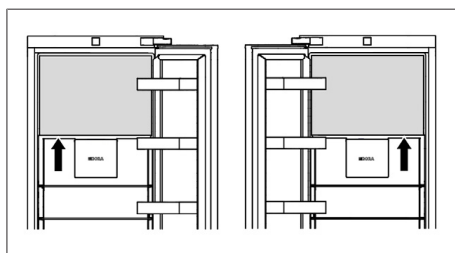▶ Close door while pushing forwards.
● Door is latched in.

Fig. 8.1   4-star freezer compartment

Engage door stop
The slider for engaging the door stop can be found below on the back of the 4-star freezer compartment door.
▶ Close the 4-star freezer compartment door.
▶ Grip the 4-star freezer compartment door from below.
▶ Push the slider either right or left.

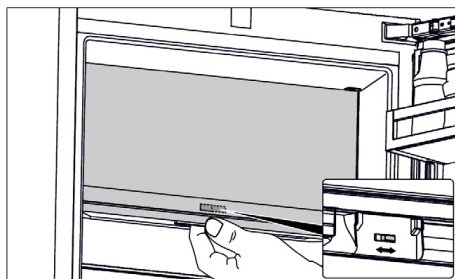Fig. 8.2   Engage 4-star freezer compartment stop

8.2 Bottle storage shelf

▶ Push bottle storage shelf upwards.

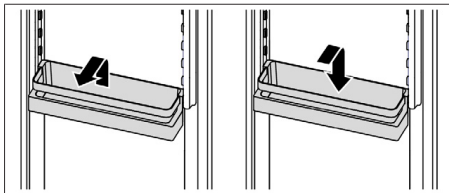▶ Pull forwards.
▶ Follow steps in reverse order to reset.

Fig. 8.3   Bottle storage shelf

8.3 Tinned foods storage shelf

▶ Push tinned goods storage shelf upwards.
▶ Pull forwards.
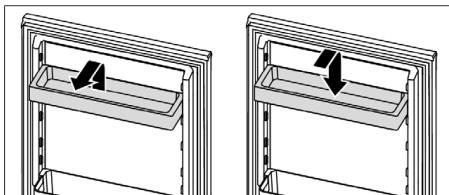▶ Follow steps in reverse order to reset.

Fig. 8.4   Tinned foods storage shelf

8.4 Storage shelf

The storage shelves are secured against being unintentionally pulled out thanks to the drawer stop.
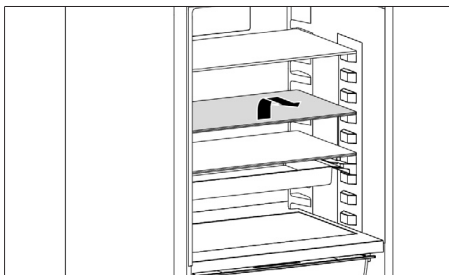▶ Lift up storage shelf and pull forwards.
▶ Reinsert at desired level.

Fig. 8.5   Remove storage shelf

8.5 Multi-tablet

Multi-tray with holding bars

The multi-tray can be placed in the refrigerator compartment via the multi-tray holding bars. The holding bars can be freely placed in the refrigerator compartment.
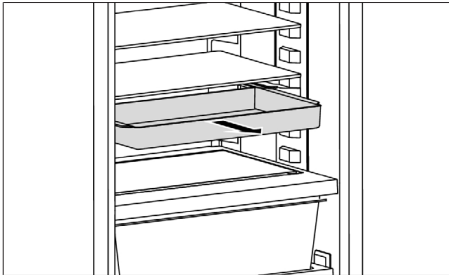
▶ Remove the multi-tablet.

Fig. 8.6   Remove multi-tablet

▶ Remove both multi-tablet holding bars.
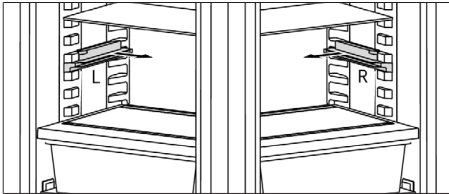

Fig. 8.7   Remove multi-tablet holding bars

ℹ️ To be able to remove the two multi-tablet holding bars, the glass plates above them must be removed.

▶ Reinsert the holding bars between the level grids. When doing so, observe the "L" and "R" markings on the back of the holding bars.
● The holding bars must be inserted at the same height in the appliance.
▶ Insert the multi-tablet.
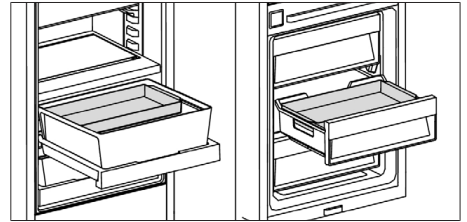
Multi-tablet in Fresh zero tray and freezer drawer

Fig. 8.8   Multi-tablet in Fresh zero tray and freezer drawer

8.6 BORA Fresh zero

Remove Fresh zero tray

▶ Pull out Fresh Zero drawer.
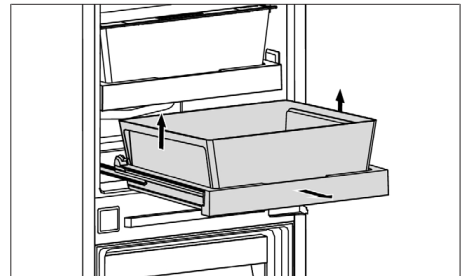▶ Remove Fresh zero tray upwardly.

Fig. 8.9   Fresh zero pull-out

Remove Fresh zero pull-out shelf

The Fresh zero pull-out shelf can be removed for cleaning purposes.

▶ Push the fastening straps upwards.
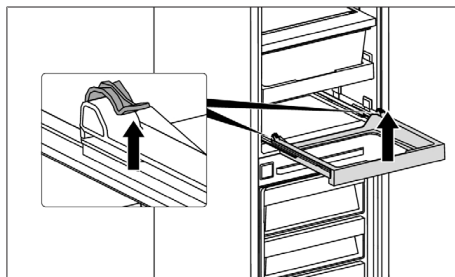▶ Lift the Fresh zero pull-out shelf out from the pull-outs.

Fig. 8.10   Remove Fresh zero pull-out shelf

8.7   Moisture regulating cover

The moisture regulating cover can be removed for cleaning purposes.
▶ Remove the Fresh zero parting layer
▶ Pull the moisture regulating cover forwards.
▶ Lift the back part out of the guide rail.
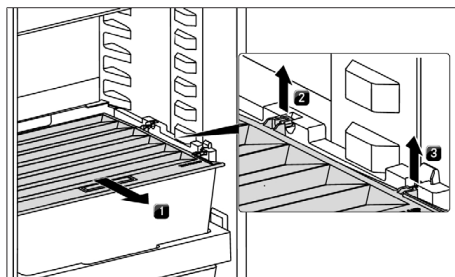▶ Lift the front part out of the guide rail.

Fig. 8.11   Remove moisture regulating cover

8.8   Multi-pad

The multi-pad has 2 different surfaces:
● a layer to use the pad as a storage layer.
● profiled to store bottles, for example.
▶ Lift the multi-pad over the opening and turn it in order to use the desired surface.

Fig. 8.12   Multi-pad

8.9   Fresh zero parting layer

The Fresh zero parting layer can be removed for cleaning purposes.
▶ Lift the parting layer slightly forwards.
▶ Pull the parting layer forwards out of the appliance.

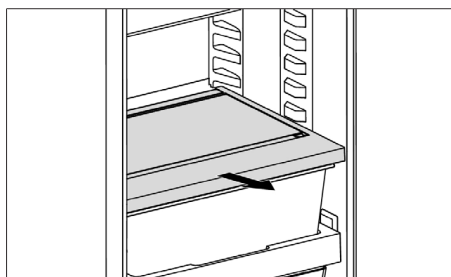ℹ   No goods may be placed on the moisture regulating cover found below.

Fig. 8.13   Remove Fresh zero parting layer

8.10   Freezer drawer

▶ Pull out the drawer as far as possible.
▶ Lift forwards slightly; the drawer will then be removed.
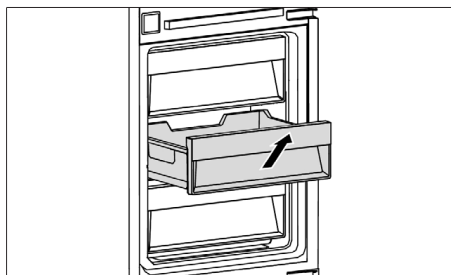▶ Slightly lift the glass plate below and pull out.

Fig. 8.14   Freezer drawer

8.11 Ice Maker

▶ Pull out freezer drawer and remove ice cube container.
▶ When inserting, push the ice cube container to the left below the Ice Maker.
• The opening for the ice cube tongs must be located on the left; only then can the proper functioning of the Ice Maker be ensured.
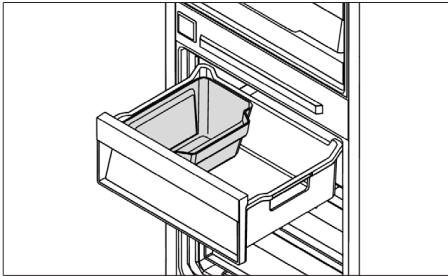

Fig. 8.15   Ice cube container

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

8.12 Temperature indicator

An additional adhesive temperature indicator is provided for the refrigerator compartment of your appliance.
▶ Affix the temperature indicator to the left-hand inside wall of the compartment above the Fresh zero parting layer
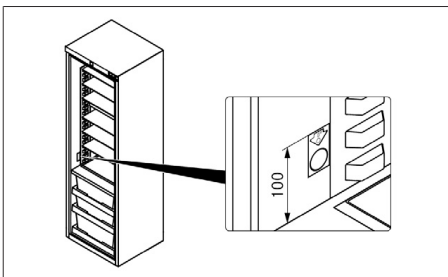
Fig. 8.16   Positioning the temperature indicator

The temperature indicator enables you to check that the refrigerator compartment is the right temperature.

▶ Check the indicator a few hours after switching on the appliance.
• If the temperature indicator is green and the text "OK" is visible, the temperature is set correctly.
• If the temperature indicator is light green or white and the text "OK" is not visible, the temperature is set too high.
▶ Lower the temperature setting (see Operating instructions).
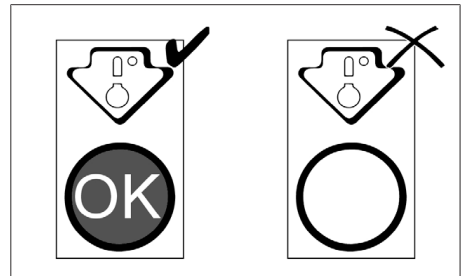
Fig. 8.17   Temperature indicator

If the ambient temperature fluctuates considerably, the temperature indicator must be checked regularly and the temperature must be reset if necessary.
If the temperature indicator remains light green or white after repeated checks and after setting the coldest temperature, the proper storage of perishable foods is not guaranteed. In this case, contact the BORA Service Team.

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 (see "3 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:
- Fresh zero trays and pull-out shelves
- Multi-tablet incl. holding bars
- Bottle and tinned food storage shelves
- Silicone pads and multi-pads
- Freezer section drawers
- Ice cube container
- Parting layer
- 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   How to clean the serving board

The serving board is made from the natural product wood. After prolonged use, the board can warp or cracks can appear in the finish. Any distortion can be balanced out again by storing the board the other way round. To provide the wood with long-term protection, the serving board should be treated with plant-based oil cooking oil (such as olive oil) every 2 to 3 months.

▶ Clean the serving board with warm water, mild detergent and a soft sponge.

▶ Dampen both sides to prevent the board from warping.

▶ Provisionally dry the serving board with a tea towel.

▶ Place the serving board upright and leave it to fully air dry.

ℹ️ If stored for long periods on the serving board, certain foods can discolour or stain the board.

How to look after the serving board

▶ Never clean the serving board in the dishwasher.

▶ Do not cut food on the serving board.

▶ Keep the serving board dry.

▶ Dry the serving board immediately after cleaning.

▶ The serving board must not come into contact with any artificial heat sources.

10.2.6   After cleaning

▶ Dry off the appliance and equipment.

▶ Connect the appliance and switch it on.

▶ Activate the Power Cool and Power Freeze functions (see "7.4 Special programmes").

▶ Put food back in once the temperature is cool enough.

▶ Regularly repeat the cleaning process.

10.3   Change odour filter

The odour filter is located in the compartment above the ventilator and filters the air by means of activated charcoal. It ensures optimal air quality in the appliance.

▶ Change the odour filter once a year.

● The reminder will inform you via the display when it is time to change the filter.

● Use only the original BORA odour filter, as odour filters from other manufacturers can cause damage to the appliance.

ℹ️ The Cool KGF odour filter is available at your specialised retailer or the BORA shop via the website www.mybora.com.

▶ Pull the ventilator cover back along with the odour filter housing.

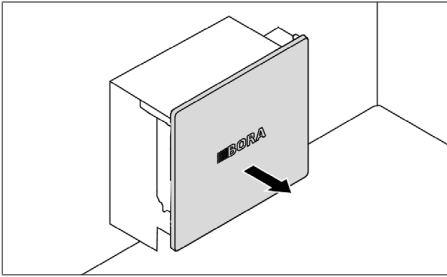**Fig. 10.1**   Remove ventilator cover along with odour filter
housing

▶ Remove the old odour filter.
▶ Insert a new odour filter.
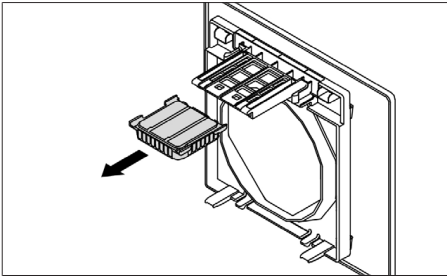▶ To install, follow steps in reverse order.

Fig. 10.2   Remove odour filter

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

🛈 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 Cool

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 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.

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

13.1.1   Warranty extension

You can extend the warranty by registering at www.bora.com/registration .

13.2   Service

BORA Service:
see reverse side of operating and assembly instructions

🔧 **00800 7890 0987**

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

The BORA Service Team 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 or by calling the service number provided.

13.4   Accessories

Special accessories for BORA Cool appliances:
- Cool Best features package for the refrigerator K178S2
- Cool Best features package for the refrigerator-freezer K178GS2
- Cool odour filter KGF
- You can obtain further accessories and information from your BORA retailer and from the BORA online shop at bora.com.

00800 7890 0987

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