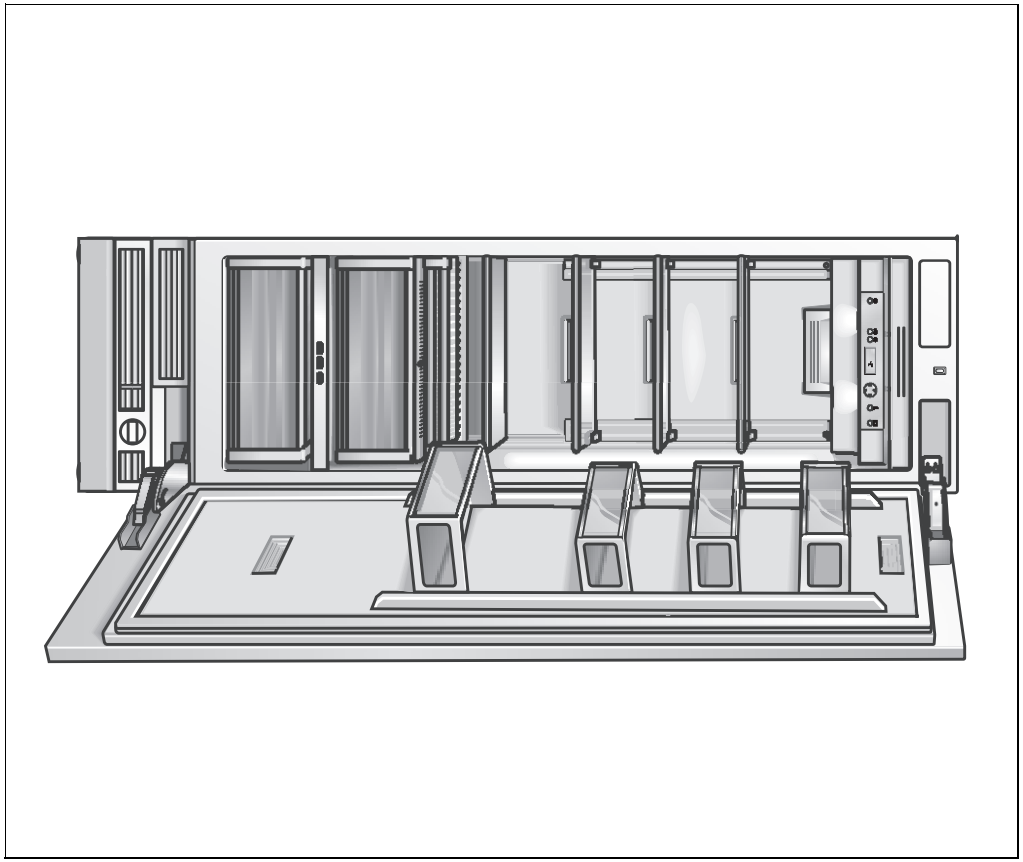
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NEFF

en Operating instructions

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Congratulations

In purchasing your new refrigerator, you have selected a qualitatively high-grade household appliance.

Your refrigerator sets itself apart through its economical consumption of energy.

Each appliance which leaves our factory is inspected thoroughly to ensure that it functions properly and is in perfect condition.

If you have any questions – particularly concerning installation and connection of the appliance – please do not hesitate to contact our customer service.

Further information and a selection of our products can be found on our home page.

Safety and warning information

Before you switch ON the appliance

Please read the operating and installation instructions carefully. They contain important information on how to install, use and maintain the appliance.
Keep all documentation for subsequent use or for the next owner.

Technical safety

⚠ Warning

This appliance contains a small quantity of environmentally-friendly but flammable R600a refrigerant. Ensure that the tubing of the refrigerant circuit is not damaged during transportation and installation. Leaking refrigerant may cause eye injuries or ignite.

If damage has occurred

- Keep naked flames and/or ignition sources away from the appliance,
- Pull out the mains plug,
- Thoroughly ventilate the room for several minutes,
- notify customer service.

The more refrigerant an appliance contains, the larger the room must be in which the appliance is situated. Leaking refrigerant can form a flammable gas-air mixture in rooms which are too small.

The room must be at least 1 m^3 per 8 g of refrigerant. The amount of refrigerant in your appliance is indicated on the rating plate inside the appliance.

Important information when using the appliance

- Never use electrical appliances inside the appliance (e. g. heater, electric ice maker, etc.).
  Explosion hazard!
- NEVER use a steam cleaner to defrost or clean the appliance. The steam may penetrate electrical parts and cause a short-circuit.
  Risk of electric shock!
- Do not store products which contain flammable propellants (e. g. spray cans) or explosive substances in the appliance.
  Explosion hazard!
- Do not stand or support yourself on the base, drawers or doors, etc.
- For cleaning and exchanging the bulb, pull the mains plug out or switch off the fuse.
  Do not pull out the mains plug by tugging the cable.

  Warning: When the appliance is switched off using the temperature setting (Display: OFF), the supply of current is not disrupted.
- Bottles which contain a high percentage of alcohol must be sealed and stored in an upright position.
- Keep plastic parts and the door seal free of oil and grease. Otherwise, parts and door seal will become porous.
- Never cover or block the ventilation openings for the appliance.
- Only customer service may change the power cord and carry out any other repairs. Improper installations and repairs may put the user at considerable risk.

Children in the household

– Do not allow children to play with the appliance!
– If the appliance features a lock, keep the key out of the reach of children.

General requirements

The appliance is suitable for refrigerating food.

The appliance is designed for domestic use.

The appliance is suppressed according to EU Directive 89/336/EEC.

The refrigerant circuit has been tested for leaks.

This product complies with the relevant safety regulations for electrical appliances (EN 60335/2/24).

Information concerning disposal

Disposal of packaging

The packaging protects your appliance from damage during transit.
All packaging materials are environmentally friendly and recyclable.
Please contribute to a better environment by disposing of packaging materials in an environmentally-friendly manner.

Please ask your dealer or inquire at your local authority about current means of disposal.

⚠ **Warning**

Keep children away from packaging and its parts. Danger of suffocation from folding cartons and plastic film!

Disposal of your old appliance

Old appliances are not worthless rubbish! Valuable raw materials can be reclaimed by recycling old appliances.



This appliance has been identified in accordance with the European directive 2002/96/EG on Waste Electrical and Electronic Equipment – WEEE. The directive specifies the framework for an EU-wide valid return and recycling of old appliances.

⚠ **Redundant appliances:**

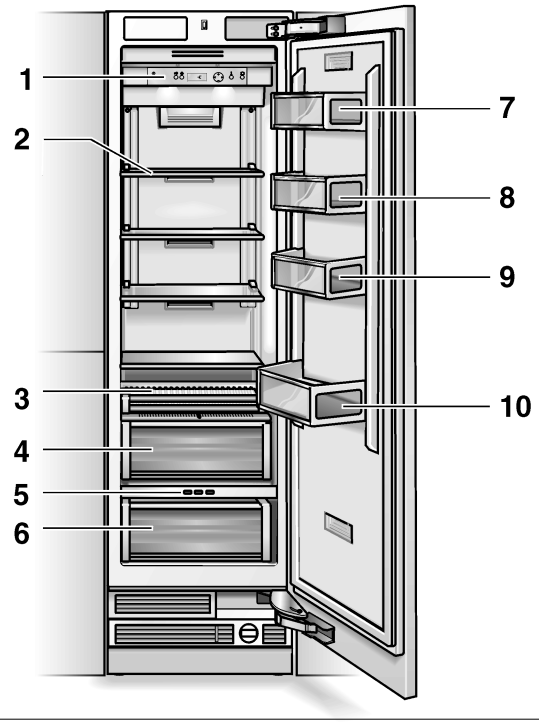
- Cut off the power cord and discard with the mains plug.
- Take off the doors.
- Do **not** take out the trays and receptacles: children are therefore prevented from climbing in!

  Do not allow children to play with the appliance once it has spent ist useful life. **Risk of suffocation!**

Refrigerators contain refrigerants and the insulation contains gases. Refrigerant and gases must be disposed of properly. Ensure that tubing of the refrigerant circuit is not damaged prior to proper disposal.

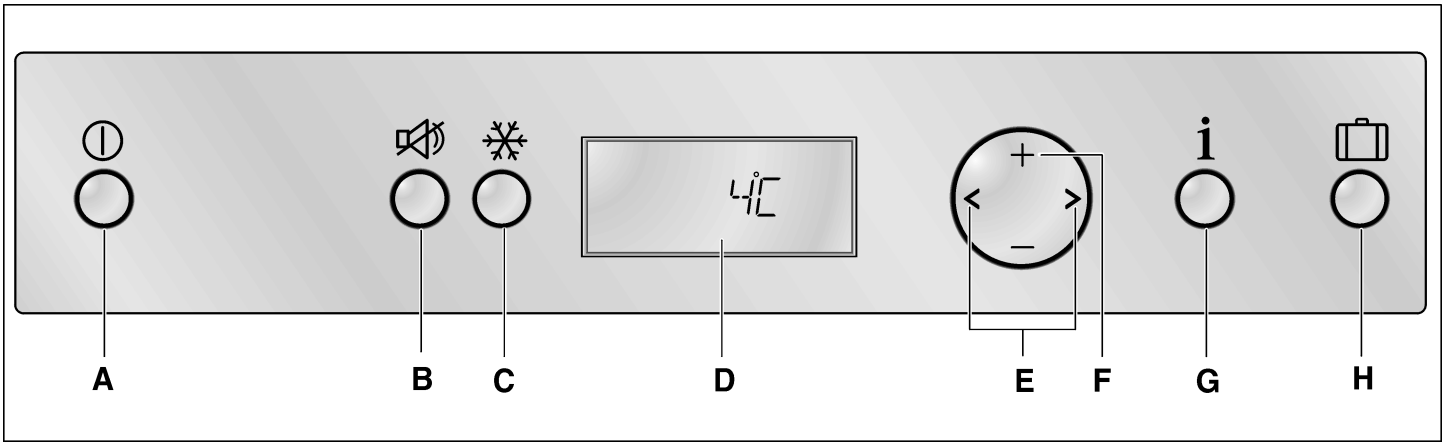
Your new appliance

These operating instructions refer to several models. Illustrations can differ.



1 Fascia
2 Glass compartments
3 Storage compartment for snacks, sweets
4 Fruit and vegetable container with controllable ventilation
5 Control buttons for the chiller section drawer
6 “Cool-fresh” drawer for optimum storage of fish, meat, poultry and vegetables
7 Egg rack
8 Butter and cheese compartment
9 Door storage compartment
10 Bottle storage compartment

Fascia



A On/Off button ⏻

Serves to switch the appliance on and off.

⚠ Caution

The appliance is not seperated from the mains when it is switched off by pressing the on/off button ⏻ .

B Alarm button 🔔

Used to switch off the warning signal.
See section “Door alarm” (page 9).

C “super” cool button ❄

Serves to switch the “super” cooling function on and off.
See section “super” cooling (page 9).

D Display panel

The refrigerated drawer temperature is displayed on the fascia. Activated special functions are shown by means of symbols, “super” cooling – **SUPER** ❄ for example.

The menus and setting options which are available are represented on the fascia in the setup mode.
See section “Setup mode” (page 11).

E Selection button < >

The temperature setting is activated using the selection buttons < >.
See section “Setting the temperature” (page 8).

For selecting a menu in the setup mode.
See section “Setup mode” (page 11).

F Setting buttons +/–

In the temperature setting mode, the temperature can be changed using the setting buttons +/–.
See section “Setting the temperature” (page 8).

For setting the parameters available in the menu.
See section “Setup mode” (page 11).

G Setup button i

This button starts and ends the setup mode. If the setup mode is ended using the setup button i , the changes which have been made are stored.

H Holiday button 🧳

For switching the energy saving holiday mode on and off.
See section “Holiday mode” (page 12).

ⓘ A sound can be heard every time a button is actuated if this function is activated (ON) in the sound menu during the setup mode.

Symbols in the display	
SUPER ❄	“Super cool” function is activated, see page 9.
VACATION	Holiday mode is activated, see page 12.
ON OFF	For the setting options in the setup mode, see page 11.
ALARM	A warning message is displayed, see page 14.

Installation

Installation location

Install the appliance in a dry, well ventilated room. The installation location should neither be exposed to direct sunlight nor near a heat source, e.g. a cooker, radiator, etc. If installation next to a heat source is unavoidable, use a suitable insulating plate or observe the following minimum distances to a heat source:

– 3 cm to an electric cooker.
– 30 cm to an oil or solid-fuel cooker.

The floor on which the appliance is to be installed must be rigid. If required, reinforce the floor. To ensure that the ice maker functions correctly, the appliance must be upright.

Observe ambient temperature and ventilation

The climatic class can be found on the rating plate It states the room temperature within which the appliance can be operated.

Atmosphere grade	Permitted ambient temperature
SN	+10 °C to 32 °C
N	+16 °C to 32 °C
ST	+18 °C to 38 °C
T	+18 °C to 43 °C

Ventilation

Never cover the ventilation openings in the base panel. The cooling motor otherwise has to increase ist output, and this increases the electricity consumption.

Fixing

For secure installation, the appliance screwed to neighbouring kitchen furniture and/or units.

It is very important therefore that all bordering furniture and/or units are fixed securely to the floor and/or walls.
If making structural changes fix the appliance in place again corresponding to the the installation instructions.

Installation surface

A load-bearing base is necessary because of the heavy weight of the fully laden appliance.

The weight of the appliance when fully loaded:

– 61.0 cm appliance 400 kg
– 76.2 cm appliance 500 kg

In case of doubt, consult an architect or structural engineer.

Installing and connecting the appliance

⚠ Caution

The appliance should only be installed and connected by a recognised installation engineer according to the installation instructions belonging to the appliance.

After installing the appliance, wait at least ½ hour before switching on the appliance. During transportation the oil in the compressor may have flowed into the refrigeration system.

Before switching on the appliance for the first time, clean the interior of the appliance (see “Cleaning the appliance”, page 14).

Electrical connection

Do not use an extension lead or a multi-plug socket.

The plug to secure the appliance must be freely accessible.
Connect the appliance to a 220–240 V/ 50 Hz ac current via a plug which has been properly installed. The socket must be fused with a 10 A or 16 A fuse.

For appliances operated in non-European countries, the identification plate should be checked whether the electric supply and the current model stated match the vales of the mains supply. The rating plate is situated in the bottom left-hand side of the appliance. Any necessary exchanging of the mains lead should carried out by a specialist electrician.

⚠ Warning

Never connect the appliance to electronic energy saver plugs or to power inverters which convert the direct current to 230 V alternating current (e.g. solar equipment, power supplies on ships).

Factory settings

Upon leaving the factory, the appliance has been supplied with the following settings:

– Fascia language: **English**
– Temperature unit: **°C**
– Refrigerator compartment temperature: **+4 °C**

Note

The factory settings (language, temperature unit) can be changed in the setup mode.

Switching on the appliance

- Press the on/off button ⏻ .

  The appliance starts to cool down when switched on for the first time. When the door is opened, the interior light comes on.

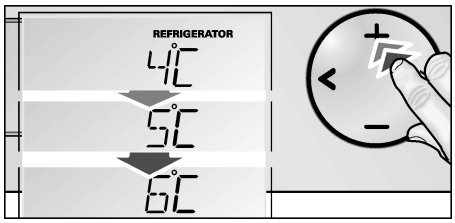
Note

The preset temperatures (factory settings) are reached after approx. 2–8 hours. Do not put any food in the appliance beforehand.

To change the set temperatures –> see “Setting the temperature” (page 8).

Selecting the temperature

The temperature can be set from +2 °C to +8 °C. We recommend a setting of +4 °C.



The temperature setting can be changed using the **+** (warmer) or **–** (cooler) setting buttons. The temperature can be set at 1 °C intervals.

To set the temperature:

- Active the setup mode using the **<** or **>** buttons.
  The **REFRIGERATOR** symbol is displayed.
- Set the desired temperature using the **+** (warmer) or **–** (cooler) setting buttons.

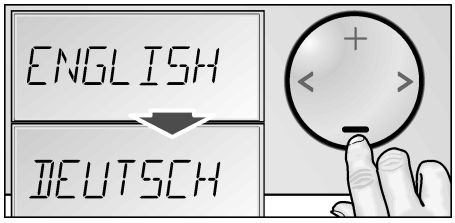
Set the language

When the appliance is operated, all messages are displayed in fascia in English.

Alternatively, the display languages can be selected corresponding to the table on page 11.

In order to change the display language:

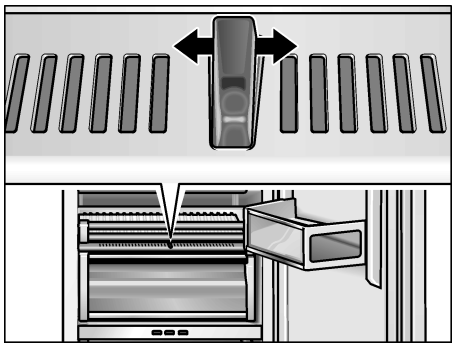
- Press setup button **i** .
- Press the selection button **>**, until *ENGLISH* is displayed.
- Press the **+** or **–** setting button, until the desired language is displayed.



- Press the setup button **i** , in order to store the settings. The set temperature is displayed again in the fascia.

Controlled ventilation

You can use the controllable ventilation to set the air humidity in your fruit and vegetable container.



– Slide control to the right: low air humidity
– Slide control to the left: high air humidity

“super” cooling

In the “super” cooling mode, the refrigerated zone will be cooled for approx. 6 hours as cold as possible.

Switch the function on:

- to cool drinks quickly.
- Before placing large quantities of food in the refrigerator compartment.

This function is activated by pressing the “super” cooling button ❄ .

The **SUPER** ❄ symbol appears in the fascia under super temperature.



“Super cool” function ends:

- by pressing the “super” cool button ❄ again;
- by activating the eco function;
- by activating the holiday mode;
- by activating the sabbatical mode.

ⓘ After approx. 6 hours, the appliance switches automatically back to the temperature set before the “super cool” function.

Door alarm

If an appliance door is left open, an alarm signal is emitted after one minute and a corresponding alarm message appears in the fascia.



Close the door. Pressing the alarm button 🔇 switches the signal off. If the door is not closed properly again, the alarm signal will be emitted after one minute once more.

Chiller section drawer (Drawer with adjustable temperature)

The temperature in this compartment is kept at almost 0 °C. This provides optimum storage conditions for fresh food.



- Press the appropriate button (fish, meat/poultry, vegetables) corresponding to the food stored.

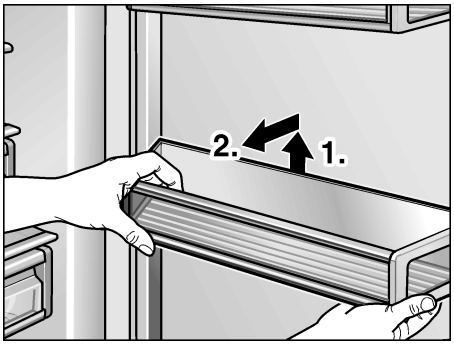
  The selection is displayed by the corresponding LED being illuminated.

The chiller section drawer is equipped with a filter. See in addition “Cleaning the chiller section drawer” (page 17).

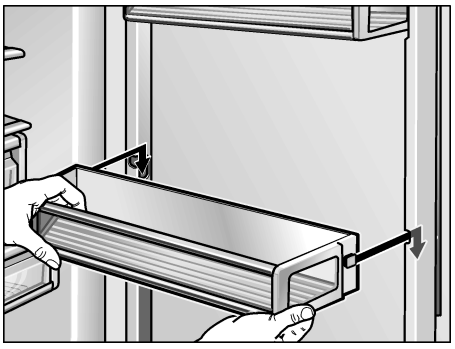
Variable interior design

You can vary the shelves inside the appliance and the containers in the door to suit your requirements.

Door storage compartment



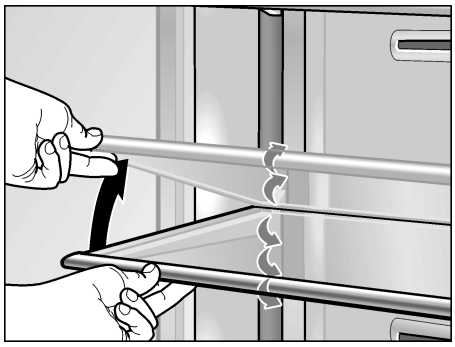
- Lift the container and remove.



- Place the containers at the desired heights and press downwards.

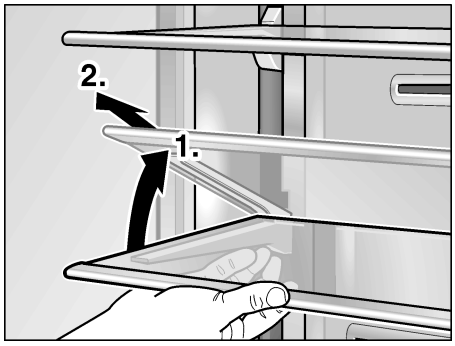
Glass compartments

The height of the glass shelves can be adjusted.

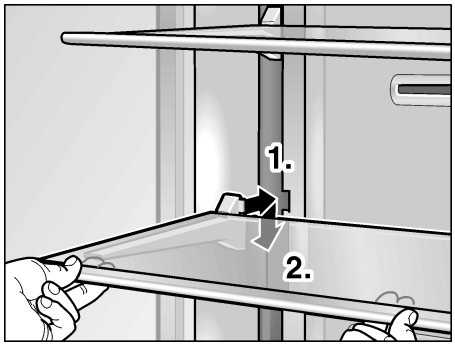


- Lift the compartment front and move it upwards or downwards into the guiding positions.
- Lower the compartment front to the desired height. The holders engage into the guiding positions.

Removing the compartments:

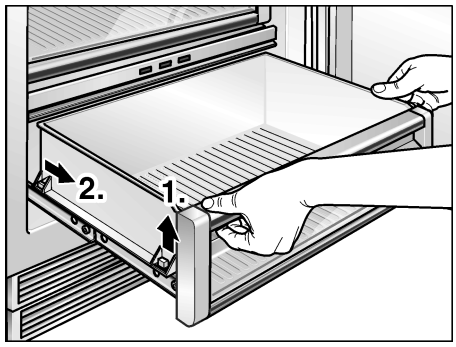


- Lift the compartment front and move it into the guiding positions as far as the openings. Remove the compartment forwards.

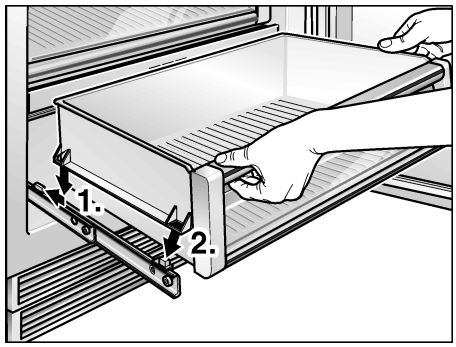


- Place the compartment into the guiding positions openings and press downwards. Set the compartment to the desired height.

Drawers



- To take out, lift the drawers slightly and take out.



- To place in, lift the front of the drawers slightly and place into the chest of drawers.
  Lower the drawer and slide it backwards.

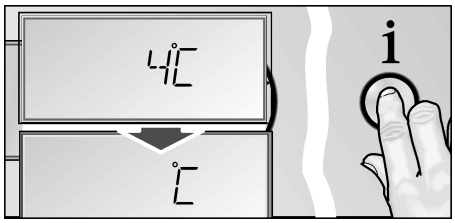
Setup mode

Individual adjustments

There are menus for adapting the appliance to the individual user requirements. These adaptions are carried out in the setup mode.

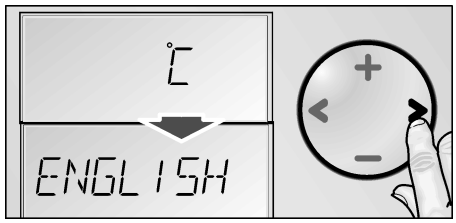
To activate the setup mode:

- Press setup button **i** .



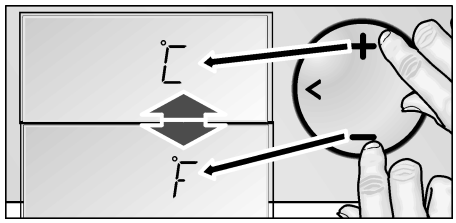
The first menu (temperature unit) is displayed in the fascia.

To switch to the next menu:



- Press the selection button **<** or **>**. The next menu is displayed and its current setting (mostly **ON** or **OFF**).

To make a selection within the setting options of a menu:



- Press the setting button **+** or **−**.

  A changed setting is stored, if the next menu is selected using **<** or **>**.

To deactivate the setup mode:

- Press setup button **i** . All of the changed settings are stored.

If no button is selected within 20 seconds, the setup mode ends automatically. All of the changed settings are stored. The set temperature is displayed again in the fascia.

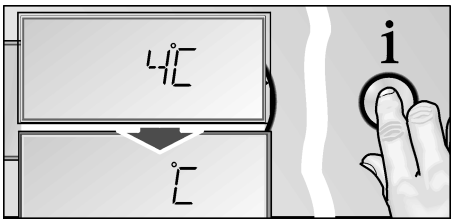
Menus in the setup mode

Menu	Setting options	Displayed text
Temperature unit	°C (degrees Celsius) °F (degrees Fahrenheit)	°C °F
Language	German English French Danish Finnish Greek Dutch Italian Polish Portuguese Norwegian Russian Swedish Spanish Turkish Czech	DEUTSCH ENGLISH FRANCAIS DANSK SUOMI ELLINIKA NEDERL ITALIANO POLSKI PORTUG NORSK RUSSK SVENSKA ESPANOL TURKCE CESKY
Sound	On / **ON** Off / **OFF**	TONE
Energy saving mode (eco function)	On / **ON** Off / **OFF**	ECO MODE

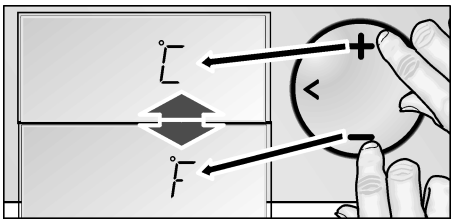
Temperature unit

The temperature can be displayed in degrees Celsius (° C) or degrees Fahrenheit (° F).

- Press setup button i .



The first menu (temperature unit) is displayed.



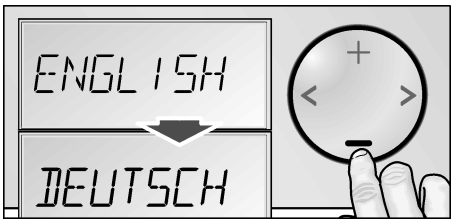
- Press the + or – setting button in order to switch between degrees Fahrenheit (° F) and degrees Celsius (° C).
- Press the setup button i , in order to store the settings. The set temperature is displayed again in the fascia.

Language setting

When the appliance is operated, all messages are displayed in fascia in English.

Alternatively, the display languages can be selected corresponding to the table above.

- Press setup button i .
- Press the selection button >, until *ENGLISH* is displayed.



- Press the + or – setting button, until the desired language is displayed.
- Press the setup button i , in order to store the settings. The set temperature is displayed again in the fascia.

Energy saving mode

If the energy saving function (eco function) is activated, the appliance switches to energy saving operation. This energy saving function is preset at the factory in order to reduce energy consumption. The background illumination of the fascia is likewise reduced.

To switch the energy saving function on:

- Press setup button i .
- Press the selection button >, until *ECO MODE* and the current setting (**ON**) is displayed.



- Press the + or – setting button, in order to reset the setting.
- Press the setup button i , in order to store the settings.



The word *ECONOMY* is displayed in the fascia.

This function is then ended:

– by switching the eco function off in the setup mode;

– by activating the "Super cool" function;

– by changing the target temperature of the appliance;

– by switching the appliance off using the on/off button ⏻ .

Holiday mode

If leaving the appliance for a long period of time, you can switch the appliance over to the energy saving holiday mode.

Holiday mode settings:

– the appliance works in energy saving mode (see “Energy saving mode”, page 12);

– the interior illumination is switched off;

– the “Super cool” function is ended (if activated).

To switch the holiday mode on:

- Press Holiday button 🧳.



The **VACATION** symbol appears in the fascia under the eco-temperature preset at the factory.

To switch the holiday mode off:

- Press Holiday button 🧳.

  The previous settings and temperature values are once again activated.

Sabbatical mode

Sabbatical mode settings:

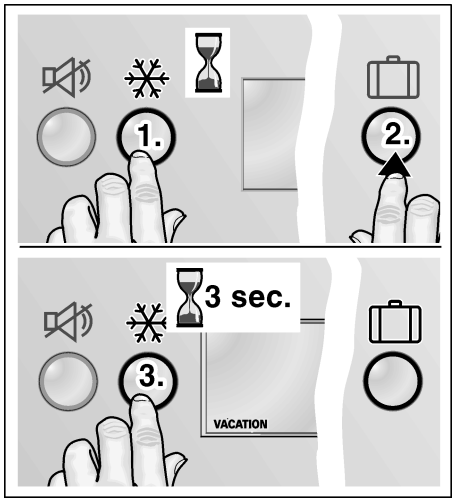
– the “Super cool” function is ended (if activated);

– the accoustic signal is switched off when the button is actuated (if activated);

– the interior illumination is switched off;

– the background illumination of the fascia is switched off.

To switch the sabbatical mode on:



- Press and hold down the “super” cooling button ❄.
- Press Holiday button 🧳.
- Keep the “super” cooling button ❄ held down for 3 seconds longer.

  The symbol **VACATION** flashes on the display panel.



The background illumination in the fascia is switched off. SABBATH is displayed in the fascia.
The sabbatical mode is switched on.

To switch the sabbatical mode off:

- Press Holiday button 🧳.

  The previous settings and temperature values are once again activated.

Preserving food

Pay attention when arranging food:

– Allow warm food and drinks to cool down outside the appliance.

– Wrap or cover food before placing in the appliance. This way the aroma and freshness is preserved. This is done likewise to help avoid the transfer of odours and colours onto plastic parts.

– Keep plastic parts and the door seal free of oil and grease.

– Bottles which contain a high percentage of alcohol must be sealed and stored in an upright position.

When buying food, please note:

The “purchase freshness” is important for the shelf-life of your food.
The following principle applies:
the fresher the supplies are when placed in the chiller section drawer, the longer they can be held for.
When buying food, always note the degree of freshness.

How to save energy

- Install the appliance in a cool, well ventilated room, but not in direct sunlight and not near a heat source (radiator, cooker, etc.). If required, use an insulating plate.
- Allow warm food and drinks to cool down before placing in the appliance!
- Thaw frozen food by placing it in the refrigerator. The low temperature of the frozen food will then cool the food in the refrigerator compartment.
- Open the appliance door as briefly as possible.

Operating noises

Normal operating noises

Humming – refrigerating unit is running. The fan in the circulating air system is running.

Bubbling, gurgling or whirring noises – refrigerant is flowing through the tubing.

Clicking – motor is switching on or off.

Noises which can be easily rectified

The appliance is not level

Allign the appliance with the aid of a spirit level.

Use the height-adjustable feet or place something under the feet.

Drawers, baskets or storage areas are loose or sticking

Please check the removable parts and, if required, reinsert them.

Receptacles are touching each other

Please move bottles or receptacles away from each other.

Thawing the appliance

The appliance starts to defrost automatically.

Switching off and disconnecting the appliance

Switching off the appliance

- Press the on/off button ⏻ .

Disconnecting the appliance

If the appliance is not used for a prolonged period:

- Take all food out of the appliance.
- Pull out the mains plug or switch off the fuse.
- Clean the appliance interior (see “Cleaning the appliance”, page 14).
- To prevent odours, leave the doors open.

Cleaning the appliance

- Press the on/off button ⏻ and switch the appliance off!
  Pull out the mains plug or switch off the fuse.
- Clean the appliance with lukewarm water and a little washing-up liquid. Water used for cleaning must not drip onto the fascia or light.
- Clean the door seal with water only and then dry thoroughly.
- Remove dirt on the ventilation and air release openings using a vacuum cleaner.
- Clean the surface of the appliance using a damp cloth.
  Afterwards, rub dry.

After cleaning:

Insert the plug and/or switch the fuse on. Press the on/off button ⏻ and switch the appliance on!

⚠ Warning

- NEVER use a steam cleaner to clean the appliance!
- Water used for cleaning must not drip onto the fascia or light.
- Do not use abrasive or acidic cleaning agents and solvents.
- Never clean the shelves or containers in the dishwasher. The parts may warp.

Odours

If you experience unpleasant odours:

- Press the on/off button ⏻ and switch the appliance off!
- Take all food out of the appliance.
- Clean the interior. See section “Cleaning the appliance”, page 14.
- Clean all packing units located in the appliance.
- Seal strong smelling food in order to avoid odours from forming.
- Press the on/off button ⏻ and switch the appliance on!
- Storing food in the appliance.
- Check whether the formation of odours is still occuring after 24 hous.
- Change the odour filter.

Warning messages via the display

If several warning notices appear at once, see to each warning in turn.

As long as a warning is displayed, no buttons can be pressed.

Door alarm



Cause

One door of the appliance has not been closed correctly or has been open too long.

Remedial action

Press the alarm button 🔊 . Close the door. The display goes out.

Sensor failure



Cause

A technical defect on the appliance is possible.

Remedial action

Conduct a self-test on the appliance.

Low voltage



Cause

The mains voltage falls below the permitted limiting value.

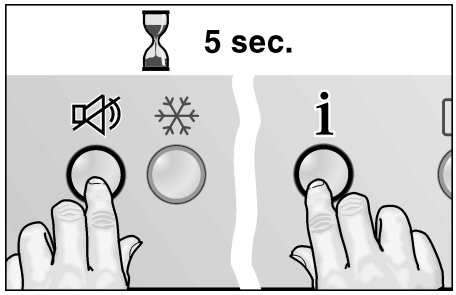
Remedial action

No button actuations are possible. When the mains voltage reaches the stipulated value again, the warning message goes out. If the warning message lasts for longer, inform the energy supply company.

Appliance self-test

Before you call customer service, conduct a self-test on the appliance.

- Switch off the appliance and wait 5 minutes.
  Keep the door closed during this time.
- Switching on the appliance.



- At the same time, press the setup button i and the alarm button for 5 seconds.

The self-test programme starts. Various messages appear in the facia one after the other.

If an error is established during the appliance self-test, the **ALARM** symbol appears in the fascia and an error message (e. g. E04 = sensor error) is displayed.



Inform the customer service of these error messages.

If no error is established during the appliance self-test, the preset temperature appears in the fascia after the test has ended.

Eliminating minor faults yourself

Before you call customer service: Please check whether you can eliminate the fault yourself based on the following information. Customer service will charge you for advice — even if the appliance is still under guarantee!

Fault	Possible cause:	Remedial action
Appliance has no refrigerating capacity. The display does not illuminate.	Power failure; the fuse has been switched off; the mains plug has not been inserted properly.	Check whether the power is on. The appliance must be switched on. Check whether the mains plug is secure.
The refrigerating unit is switching on more frequently and for longer.	Appliance door opened frequently.	Do not open the door unnecessarily.
	Large amounts of fresh food have been put away.	Activate the “super” cool function.
	The ventilation openings have been covered.	Remove obstructions and dirt.
The temperature in the refrigerator compartment is too cold.	Temperature in the refrigerator compartment has been set too low.	Select a warmer temperature (see page 8 “Setting the temperature”).
Interior light does not function.	The bulb is defective.	Replace bulb (see page 16 “Changing light bulbs”).
	Light switch is sticking.	Check whether it can be moved.
You experience unpleasant odours.	Strongly smelling food is not sealed.	Cleaning the appliance. Seal strongly smelling food (see page 14 “Odours”).

Change the light bulbs

⚠ Warning

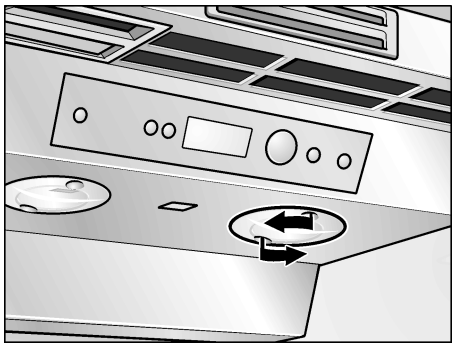
Pull out the mains plug or switch off the fuse. Risk of electric shock!

⚠ Caution

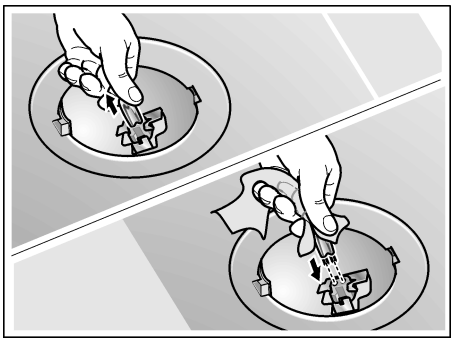
Do not touch the halogen bulb with your fingers. Always use a soft cloth when inserting a halogen bulb.

Upper halogen lamp

Halogen lamp type:
12 V/20 W/bulbholder G4



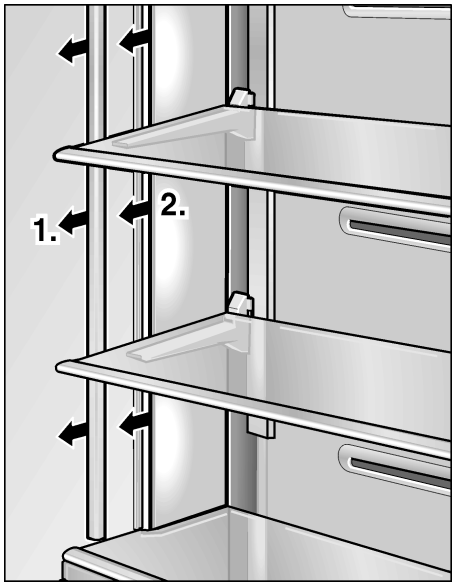
- Rotate cover anti-clockwise and remove.
- Remove the defective halogen bulb.



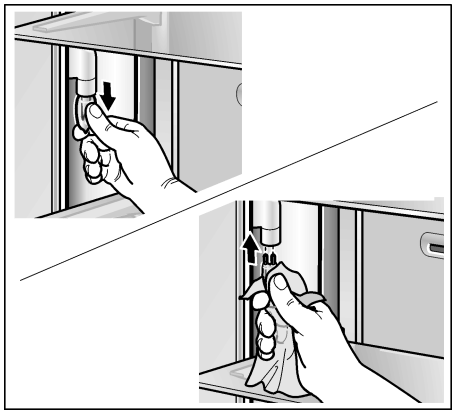
- Insert the new halogen bulb. Always use a soft cloth when inserting a halogen bulb.
- Re-insert cover and rotate clockwise.

Side halogen lamps

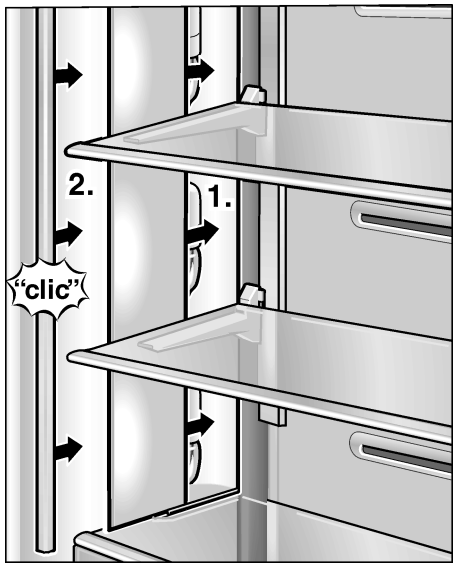
Halogen lamp type:
12 V/10 W/bulbholder G4



- Pull off the cover strip forwards.
- Remove the pane forwards.
- Remove the defective halogen bulb.



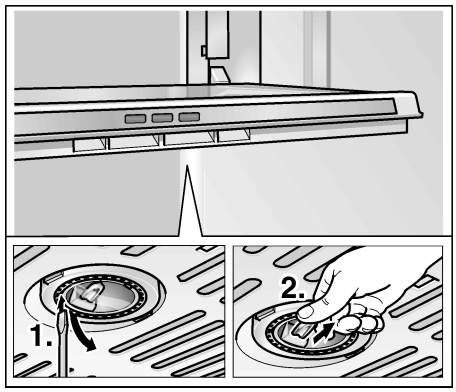
- Insert the new halogen bulb. Always use a soft cloth when inserting a halogen bulb.



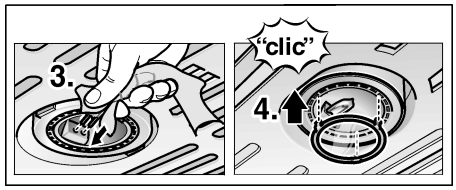
- Replace the panes.
- Insert the cover strip.

Halogen light in the chiller section drawer

Halogen lamp type:
12 V/5 W/bulbholder G4



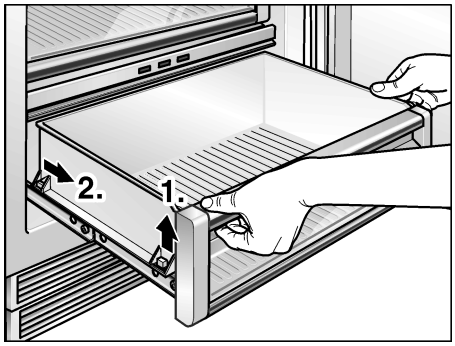
- Free the cover and remove it from the holder.
- Remove the defective halogen bulb.



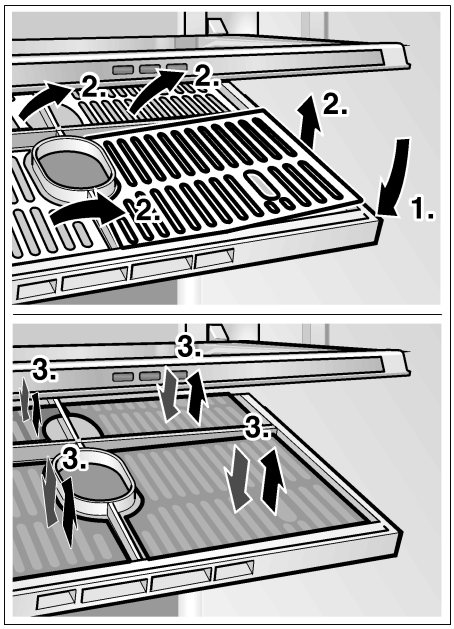
- Insert the new halogen bulb. Always use a soft cloth when inserting a halogen bulb.
- Attach cover and fix it into the holder.

Cleaning the chiller section drawer filter

Clean the filter on the chiller section drawer as follows:



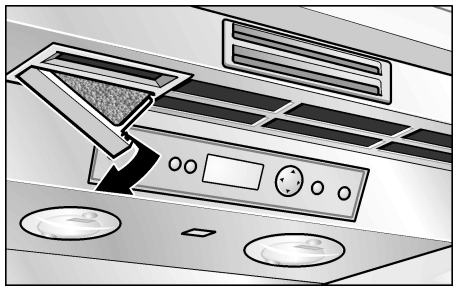
- Remove the chiller section drawer.



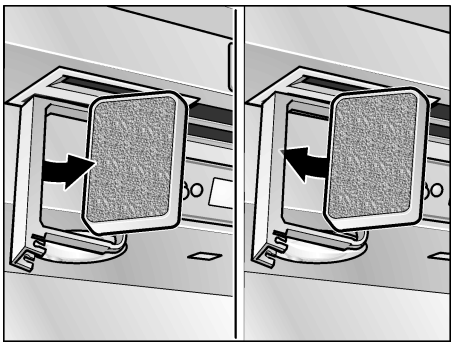
- Press the filter-holder front downwards **(1)** with both hands.
  Only open the filter-holder for cleaning!
- Remove the filter-cover **(2)**.
- Clean the filter with clear water and leave it to dry. Re-insert the filter. Replace the filter cover **(3)**.
- Press on the filter cover until it engages.
- Replace the chiller section drawer.

Exchange the odour filter

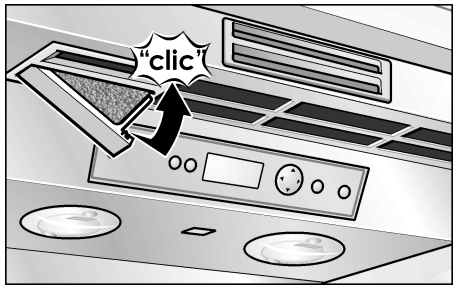
Spare filters are available from your dealer.



- Opening the filter holder.



- Remove the old odour filter.
- Replace with a new odour filter.



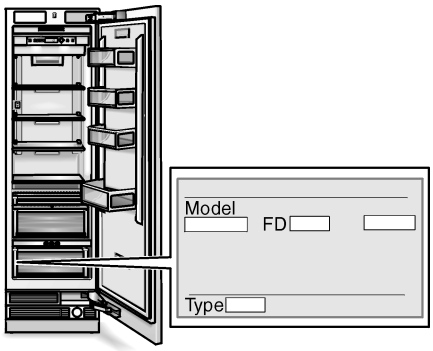
- Opening the filter holder.

Customer service

Check whether you can remedy the fault yourself on the basis of information provided in the “Eliminating minor faults yourself” section (page 15). Your local customer service can be found in the telephone directory or in the customer-service index.

Please provide customer service with the appliance product number (E-Nr.) and production number (FD).

To prevent unnecessary call-outs, please assist customer service by quoting the product and production numbers. This will save you additional costs.



This information can be found on the product label.

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