VINTERKALL

GB

Design and Quality
IKEA of Sweden



ENGLISH

Please refer to the last page of this manual for the full list of IKEA appointed After Sales Service Provider and relative national phone numbers.

The electronic user manual is available at www.ikea.com.

For more information on energy consumption and other technical data of this product, access the following web link: https://eprel.ec.europa.eu

Please record your model and serial numbers below for reference.

Purchase Date

Model Number

Serial Number

ⓘ Please attach sales receipt here for future reference.

☑ Installation checklist

Door

- ❑ Door seals completely to cabinet on all sides
- ❑ Door is level

Levelling

- ❑ Refrigerator is level, side-to-side and tilted ¼ in. (6mm) front-to-back
- ❑ Cabinet is setting solid on all corners
- ❑ Distance holder (anti-tip bracket) set

Electrical power

- ❑ House power turned on
- ❑ Refrigerator plugged in

Final Checks

- ❑ Shipping material removed
- ❑ Refrigerator and freezer temperatures set
- ❑ Crisper temperature and humidity set

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Subject to change without notice.

⚠ Safety information

Before the installation and use of the appliance, carefully read the supplied instructions. The manufacturer is not responsible if an incorrect installation and use causes injuries and damages. Always keep the instructions with the appliance for future reference.

Children and vulnerable people safety

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved.
- This appliance may be used by children between 3 and 8 years of age and persons with very extensive and complex disabilities, if they have been properly instructed.
- Children of less than 3 years of age should be kept away unless continuously supervised.
- Do not let children play with the appliance.
- Children shall not carry out cleaning and user maintenance of the appliance without supervision.

- Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.
- Keep all packaging away from children and dispose of it appropriately.

General Safety

- This appliance is intended to be used in household and similar applications such as:
  - Farm houses; staff kitchen areas in shops, offices and other working environments;
  - By clients in hotels, motels, bed and breakfast and other residential type environments;
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Do not use water spray and steam to clean the appliance.
- Clean the appliance with a moist soft cloth. Only use neutral detergents. Do not use abrasive products, abrasive cleaning pads, solvents or metal objects.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its Authorised Service Centre or similarly qualified persons in order to avoid a hazard.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

- Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Clean water tanks if they have not been used for 48 hours; flush the water system connected to a water supply if water has not been drawn for 5 days.
- Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.
- If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.
- Two-star frozen-food compartments are suitable for storing pre-frozen food, storing or making ice-cream and making ice cubes.
- One-, two- and three-star compartments are not suitable for the freezing of fresh food.
- This refrigerating appliance is not intended to be used as a built-in appliance.
- The appliance is equipped with a lamp for interior lighting. Only service is allowed to replace the lighting device. Contact your Authorised Service Centre.
- WARNING: To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.

Safety instructions

Installation

⚠ **Warning!** Only a qualified person can install this appliance.

- Remove all the packaging and the transit bolts.
- Do not install or use a damaged appliance.
- Follow the installation instruction supplied with the appliance.
- Always take care when moving the appliance as it is heavy. Always use safety gloves and enclosed footwear.
- Make sure the air can circulate around the appliance.

- Do not tilt the refrigerator for more than 45° form upright during moving it.
- At first installation wait at least 4 hours before connecting the appliance to the power supply. This is to allow the oil to flow back in the compressor.
- Before carrying out any operations on the appliance (e.g. re-installing the appliance), remove the plug from the power socket.
- Do not install the appliance close to radiators or cookers, oven or hobs.
- The rear of the appliance must stand against the wall.
- Do not install the appliance where there is direct sunlight.
- Do not install this appliance in areas that are too humid or too colds, such as the construction appendices, garages or wine cellars.
- When you move the appliance, lift it by the front edge to avoid scratching the floor.

Electrical connection

⚠ **Warning!** Risk of fire and electrical shock.

⚠ **Warning!** When positioning the appliance, ensure the supply cord is not trapped or damaged.

⚠ **Warning!** Do not use multi-plug adapters and extension cables.

- The appliance must be earthed.
- Make sure that the parameters on the rating plate are compatible with the electrical ratings of the mains power supply.
- Always use a correctly installed shockproof socket.
- Make sure not to cause damage to the electrical components (e.g. mains plug, mains cable, compressor). Contact the Authorised Service Centre or an electrician to change the electrical components.
- The mains cable must stay below the level of the mains plug.
- Connect the mains plug to the mains socket only at the end of the installation. Make sure that there is access to the mains plug after the installation.
- Do not pull the mains cable to disconnect the appliance. Always pull the mains plug.
- UK and Ireland only. This appliance is fitted with a 13 A mains plug. If it is necessary to change the mains plug fuse,use only a 13 A ASTA (BS 1362) fuse.

Use

⚠ **Warning!** Risk of injury, burns, electrical shock or fire.



The appliance contains flammable gas, isobutane (R600a), a natural gas with a high level of environmental compatibility. Be careful not to cause damage to the refrigerant circuit containing isobutane.

- The surface of the compressor becomes hot: The surface of the compressor may become hot under normal operation. Do not touch it with hands.
- Do not change the specification of this appliance.
- Do not put electrical appliances (e.g. ice cream makers) in the appliance unless they are stated applicable by the manufacturer.
- If damage occurs to the refrigerant circuit, make sure that there are no flames and sources of ignition in the room. Ventilate the room.
- Do not let hot items to touch the plastic parts of the appliance.
- Do not put soft drinks in the freezer compartment. This will create pressure on the drink container.
- Do not store flammable gas and liquid in the appliance.
- Do not put flammable products or items that are wet with flammable products in, near or on the appliance.
- Do not touch the compressor or the condenser. They are hot.
- Do not remove or touch items from the freezer compartment if your hands are wet or damp.
- Do not freeze again food that has been thawed.
- Follow the storage instructions on the packaging of frozen food.

Internal lighting

⚠ **Warning!** Risk of electric shock.

- The type of lamp used for this appliance is for household appliances only. Do not use it for house lighting.

Care and cleaning

⚠ **Warning!** Risk of injury or damage to the appliance.

- Before maintenance, deactivate the appliance and disconnect the mains plug from the mains socket.
- This appliance contains hydrocarbons in the cooling unit. Only a qualified person can do the maintenance and the recharging of the unit.
- Regularly examine the drain of the appliance and if necessary, clean it. If the drain is blocked, defrosted water collects in the bottom of the appliance.

Service

- To repair the appliance contact the Authorised Service Centre listed at the end of this manual.
- Use original spare parts only.
- Please note that self-repair or nonprofessional repair can have safety consequences and might void the guarantee.
- The following spare parts will be available for 7 years after the model has been discontinued: thermostats, temperature sensors, printed circuit boards, light sources, door handles, door hinges, trays and baskets. Please note that some of these spare parts are only available to professional repairers, and that not all spare parts are relevant for all models.
- Door gaskets will be available for 10 years after the model has been discontinued.

Disposal

⚠ **Warning!** Risk of injury or suffocation.

- Disconnect the appliance from the mains supply.
- Cut off the mains cable and discard it.
- Remove the door to prevent children and pets to be closed inside of the appliance.
- The refrigerant circuit and the insulation materials of this appliance are ozone-friendly.
- The insulation foam contains flammable gas. Contact your municipal authority for information on how to discard the appliance correctly.
- Do not cause damage to the part of the cooling unit that is near the heat exchanger.

Installation

⚠ **Warning!** Refer to Safety chapters.

Positioning

- Follow the separate Assembly Instructions to install this appliance.
- This appliance should be installed in a dry, well ventilated indoor where the ambient temperature corresponds to the climate class indicated on the rating plate of the appliance:

Climate class	Ambient temperature
SN	+10°C to +32°C
N	+16°C to +32°C
ST	+16°C to +38°C
T	+16°C to +43°C

- "SN" indicates that this refrigerating appliance is intended to be used at ambient temperatures ranging from 10 °C to 32 °C.
- "N" indicates that this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 32 °C.
- "ST" indicates that this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 38 °C.
- "T" indicates that this refrigerating appliance is intended to be used at ambient temperatures ranging from 16 °C to 43 °C.

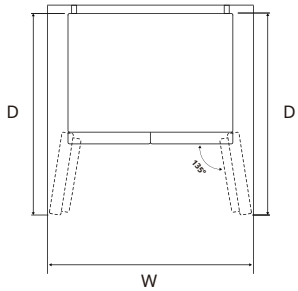
ⓘ Some functional problems might occur for some types of models when operating outside of that range. The correct operation can only be guaranteed within the specified temperature range. If you have any doubts regarding installation, please turn to the vendor, to our customer service or to the nearest Authorised Service Centre.

Location

- To ensure best performance, install the appliance well away from sources of heat such as radiators, boilers, direct sunlight etc. Make sure that air can circulate freely around the back of the cabinet.
- Install the supplied distance holder to allow enough space between the refrigerator and the wall (refer to the separate Assembly Instructions).

If the installation of the supplied distance holder is not possible, leave a space of at least 10 cm between the appliance and the wall, and at least 30 cm between the top of the appliance and the ceiling.

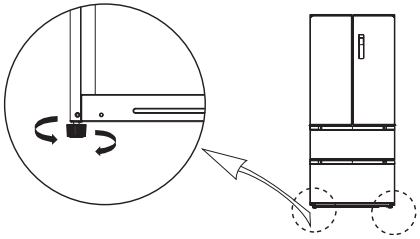
- Leave enough space to access and open the door easily (W x D ≥ 1430 × 1000 mm).



Levelling feet

If the appliance tilts in some way, adjust the height of the left/right foot of the appliance to level the appliance. Refer to the separate Assembly Instructions for detailed installation.

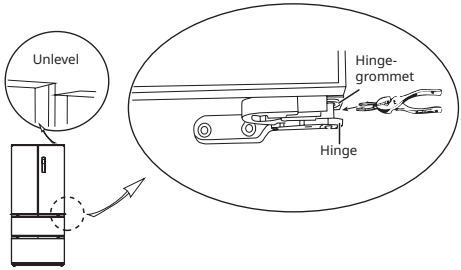
1. Disconnect the mains plug of the appliance from the power socket.
2. Turn the foot clockwise to raise the appliance; turn the foot counter clockwise to lower the appliance.



Levelling doors

If the doors of the appliance are not aligned, adjust the height of the doors to be in a horizontal level. Refer to the separate Assembly Instructions for detailed installation.

1. Disconnect the mains plug of the appliance from the power socket.
2. Raise the low door to align with the higher door.
3. On the bottom of the low door, use a pair of pliers (not supplied) to insert a supplied fastener-ring into the gap between the hinge and the hinge-grommet. Insert more supplied fastener-rings for height increase (if needed) until the two doors are aligned.

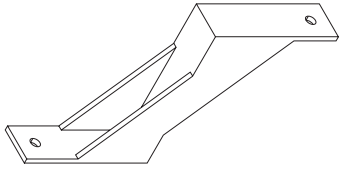


Installing distance holder

⚠ **Warning!** Serious or fatal crushing injuries can occur from appliance tip-over. ALWAYS secure this appliance to the wall using tip-over restraints.

Using the supplied distance holder to fix the appliance to the wall for the following advantages. Refer to the separate Assembly Instructions for detailed installation.

- Allow enough space for air circulation between the appliance and the walls.
- Secure the appliance to the wall for tip-over prevention.



Electrical connection

⚠ **Caution!** Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

⚠ **Warning!** This appliance must be earthed. Failure to follow these instructions can result in death, fire or electrical shock.

The manufacturer declines any liability should these safety measures not be observed. This appliance complies with the E.E.C. Directives.

First use

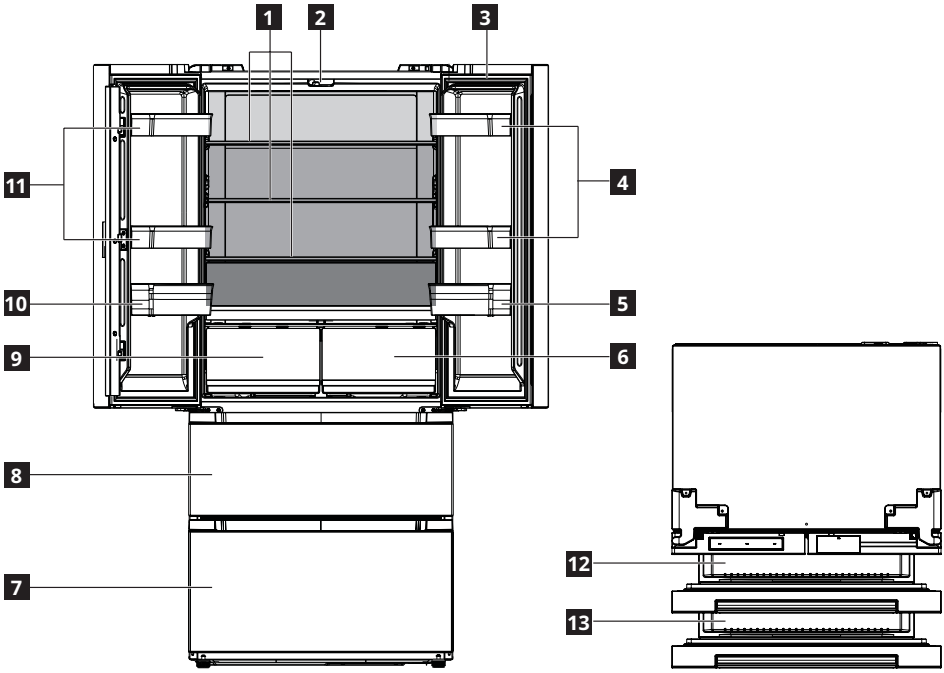
Cleaning the interior

Before using the appliance for the first time,wash the interior and all internal accessories with lukewarm water and same neutral soap so as to remove the typical smell of a brand new product, then dry thoroughly.

Important! Do not use detergents or abrasive powders, as these will damage the finish.

Product description

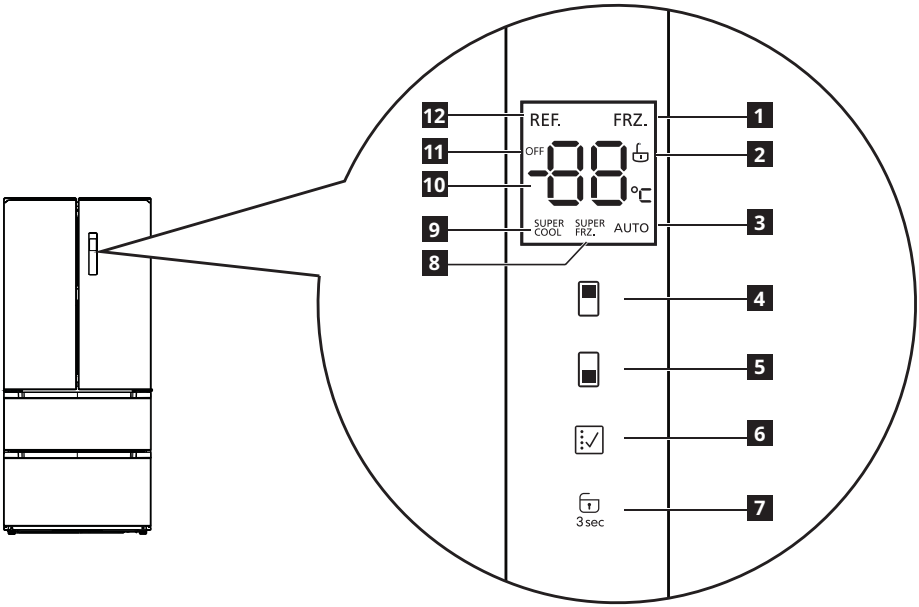
Product overview



1 Glass shelves
2 LED lamp
3 Door gasket
4 Door balconies
5 Bottle balcony
6 Vegetable drawer
7 Door for lower freezer drawer
8 Door for upper freezer drawer
9 Vegetable drawer
10 Bottle balcony
11 Door balconies
12 Upper freezer drawer
13 Lower freezer drawer
Least cold zone
Intermediate temperature zone
Coldest zone

Operation

Control panel



1 Freezer temperature indicator
2 Unlock indicator
3 Auto mode indicator
4 Refrigerator temperature button
5 Freezer temperature button
6 Mode button
7 Unlock button
8 Super freezing indicator
9 Super cooling indicator
10 Temperature display
11 Cooling function off indicator
12 Refrigerator temperature indicator

Switching on

Connect the mains plug to the power socket. The display on the control panel turns on. To change temperature, refer to the section for temperature regulation.

When operating the appliance for the first time, set the appliance at a colder temperature and run it without loading any food until it auto stops at the set temperature. Usually it takes 2 or 3 hours, then set a desired temperature and put food in the appliance.

Switching off

To disconnect the appliance from the power supply, disconnect the mains plug from the power socket. The display on the control panel turns off.

Locking/unlocking

- If the door is closed and no button operation occurs for 30 seconds, the control panel will be locked and the **2** unlock indicator on the display will turn off. When the **2** unlock indicator turns off, button operation is invalid.
- To lock or unlock the control panel, press and hold the **7** Unlock button on the control panel for 3 seconds. When the control panel is unlocked, the **2** unlock indicator on the display turns on and button operation is available.

Temperature regulation for refrigerator compartment

- The refrigerator compartment temperature ranges from 2°C to 8°C, and the default temperature is 5°C.
- Press the **4** Refrigerator temperature button on the control panel to change the refrigerator compartment temperature.

ⓘ To manually adjust the temperature of the refrigerator compartment, deactivate the following functions: **9** super cooling, **8** super freezing and **3** auto mode.

Temperature regulation for freezer compartment

- The freezer compartment temperature ranges from -16°C to -24°C, and the default temperature is -18°C.
- Press the **5** Freezer temperature button on the control panel to change the freezer compartment temperature.

ⓘ To manually adjust the temperature of the freezer compartment, deactivate the following functions: **9** super cooling, **8** super freezing and **3** auto mode.

Adjust the temperature setting by keeping in mind that the temperature inside the appliance depends on:
- room temperature
- how often the door is opened
- the quantity of food stored
- the location of the appliance

Important! If the ambient temperature is high or the appliance is fully loaded, and the appliance is set to the lowest temperatures, it may run continuously causing frost to form on the rear wall. In this case a higher temperature must be set to allow automatic defrosting and therefore reduced energy consumption.

Super cooling function

- To activate the function, press the **6** Mode button on the control panel until the **9** super cooling indicator turns on.
- When the function is activated, the refrigerator compartment temperature is automatically fixed at 2°C.
- To deactivate the function, press the **6** Mode button to select another function. The **9** super cooling indicator turns off.

Super freezing function

Note: The super freezing function is designed to maintain the nutritional value of food in the freezer compartment. It can freeze the food in the shortest time. If a large amount of food is frozen at one time or the food needs to be frozen quickly, it is recommended to turn on the super freezing function and put the food in. At this time, freezing speed of freezer compartment will be increased. Energy consumption increases while the function is ON.

- To activate the function, press the **6** Mode button on the control panel until the **8** super freezing indicator turns on.
- When the function is activated, the freezer compartment temperature is automatically fixed at -24°C.

- To deactivate the function, press the **6** Mode button to select another function. The **8** super freezing indicator turns off.
- The super freezing function will be turned off automatically after 24h.

Auto mode

- To activate the function, press the **6** Mode button on the control panel until the **3** auto mode indicator turns on.
- When the function is activated, the refrigerator compartment temperature is automatically fixed at 5°C, and the freezer compartment temperature fixed at -18°C.
- To deactivate the function, press the **6** Mode button to select another function. The **3** auto mode indicator turns off.

Door opening sound

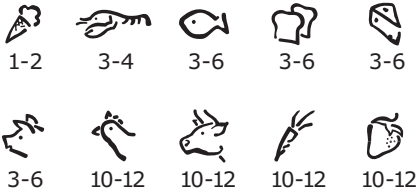
- When opening the door, the buzzer will sound as a reminder.
- Press and hold the **4** and **5** button at the same time for 3 seconds to deactivate or activate the door opening sound function.

Door opening alarm

- If the door is left open for two minutes, the buzzer will sound continuously until the door is closed. To switch the buzzer off, close the door or press any button.

Daily use

Freezing calendar



- The symbols show different types of frozen goods.
- The numbers indicate storage times in months for the appropriate types of frozen goods. Whether the upper or lower value of the indicated storage time is valid depends on the quality of the foods and treating before freezing.

Freezing fresh food

- The freezer compartment is suitable for freezing fresh food and storing frozen and deep-frozen food for a long time.
- The maximum amount of food that can be frozen in 24 hours is specified on the rating plate, a label located on the inside of the appliance.
- To freeze the maximum amount of food, super freezing function needs to be activated. To activate the super freezing function, please read **Super freezing function**.
- The freezing process lasts 24 hours: during this period do not add other food to be frozen.

Storage of frozen food

- When first starting-up or after a period out of use, before putting the products in the compartment let the appliance run at least 2 hours on the colder setting.
- Successful freezing depends on the correct packaging. When you close and seal the package you must not allow air or moisture in or out. If you do, you could have food odour and taste transfer throughout the refrigerator, and also dry out frozen food.
- **Note:** Never put bottled food or drinks in the freezer compartment.
- For best performance, leave enough space in the freezer compartment for air to circulate around the packages. Also let enough room at the front so the door can close tightly.

⚠ **Warning!** In the event of accidental defrosting, for example due to a power failure, if the power has been off for longer than the value shown in the technical characteristics chart under “rising time”, the defrosted food must be consumed quickly or cooked immediately, cooled and then re-frozen.

Thawing

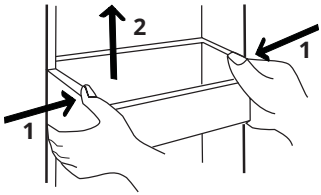
Deep-frozen or frozen food, prior to being used, can be thawed in the refrigerator compartment or at room temperature, depending on the time available for this operation.

Small pieces may even be cooked still frozen, directly from the freezer: in this case, cooking will take longer.

Storage of food in the refrigerator compartment

- Cover or wrap the food, particularly if it has a strong flavour.
- Position the food so that air can circulate freely around it.
- For best performance, leave enough space in the refrigerator compartment for air to circulate around the packages. Also let enough room at the front so the door can close tightly.

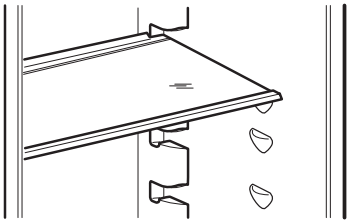
Positioning the door balconies



Picture for reference only

- To permit storage of food packages of various sizes, the door balconies can be placed at different heights.
- To remove the door balcony, compress on both sides of the door balcony then pull it upward to remove.

Movable shelves

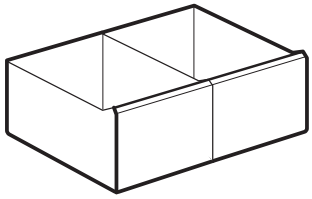


Picture for reference only

- The walls of the refrigerator are equipped with a series of runners so that the safety glass shelves can be positioned as desired.

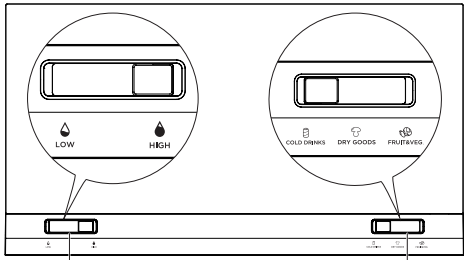
⚠ **Caution!** Do not move the glass shelf above the vegetable drawer to ensure correct air circulation.

Vegetable drawer



Picture for reference only

- The drawers can be pulled out for cleaning.
- The refrigerator comes with two separate vegetable drawers. The drawers are suitable for storing fruit and vegetables.
- The left drawer has a temperature adjustment slider which can set low or high temperature. Set the slider to the position for higher temperature, and the position for lower temperature.
- The right drawer has a humidity adjustment slider which can set three different humidity levels. Set the slider to the position for high humidity, the position for medium humidity, and the position for low humidity.

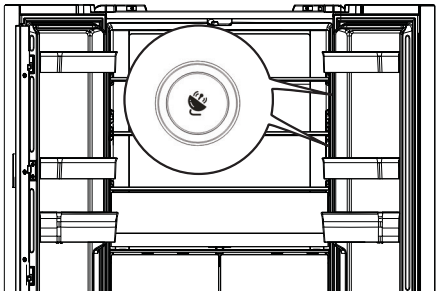


Temperature control Humidity control

Radar sensor monitored cooling

The refrigerator compartment has two radar sensors installed on the internal right side.

The sensors can automatically detect the internal temperature differences caused by food temperature, and thus internal temperature is automatically adjusted to prevent temperature fluctuations.

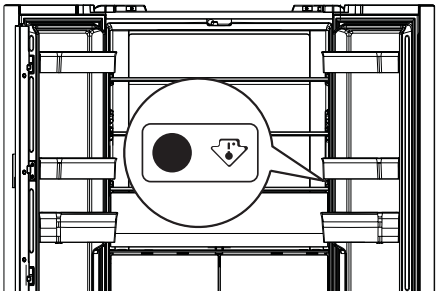


Odour removal

The refrigerator compartment is equipped with a air purifier which uses unique platinum sterilization technology to purify air from unwanted odours. Natural ions can be released all the time to create sterile and healthy environment in the refrigerator compartment. Platinum fresh has no need for any filter change.

Temperature indicator

In accordance with regulations in some countries, it must be provided with a special device (see the figure below) placed in the lower refrigerator compartment of the appliance to indicate the coldest zone of it.



Hints and tips

Normal operating sounds

The following sounds are normal during operation:

- A faint gurgling and bubbling sound from coils sound when refrigerant is pumped.
- A whirring and pulsating sound from the compressor when refrigerant is pumped.
- A sudden cracking noise from inside appliance caused by thermic dilatation (a natural and not dangerous physical phenomenon).

Hints for energy saving

- Do not open the door frequently or leave it open longer than absolutely necessary.
- If the ambient temperature is high and very low internal temperature is set and the appliance is fully loaded, the compressor may run continuously, causing frost or ice on the evaporator. If this happens, set the internal temperature toward warmer one to allow automatic defrosting and so a saving in electricity consumption.

Hints for fresh food refrigeration

- Do not store warm food or evaporating liquids in the refrigerator.
- Cover or wrap the food, particularly if it has a strong flavour.
- Position food so that air can circulate freely around it.

Hints for refrigeration

Useful hints:

- Meat (all types): wrap in a suitable packaging and place it on the glass shelf above the vegetable drawer. Store meat for at most 1-2 days.
- Cooked foods, cold dishes: cover and place on any shelf.
- Fruit and vegetables: clean thoroughly and place in a special drawer. Bananas, potatoes, onions and garlic must not be kept in the refrigerator if not packed.
- Butter and cheese: place in a special airtight container or wrap in an aluminium foil or a polythene bag to exclude as much air as possible.

- Bottles: close with a cap and place on the door bottle shelf, or (if available) on the bottle rack.

Cautions for Use

- The more food stuff put in or the more and the longer for once the door is opened, the more it needs electric consumption, which even leads malfunction.
- Re-plug in the power plug at the interval of over ten minutes.
- Do not store bottled drink in the freezer, so as to prevent from being broken and damaging the refrigerator.
- Open the door as less as possible during power-cut.
- When defrosting, never use any sharp or metallic objects to remove the frost on the surface of the evaporator as it will damage the evaporator.
- Do not touch foods and containers in the freezing compartment with your wet hands so as to prevent from being frostbitten.

Hints for freezing

To help you make the most of the freezing process, here are some important hints:

- The maximum quantity of food which can be frozen in 24 hours is shown on the rating plate.
- The freezing process takes 24 hours. No further food to be frozen should be added during this period.
- Freeze only top quality, fresh and thoroughly cleaned, foodstuffs.
- Prepare food in small portions to enable it to be rapidly and completely frozen and to make it possible subsequently to thaw only the quantity required.
- Wrap up the food in aluminium foil or polythene and make sure that the packages are airtight.
- Do not allow fresh, unfrozen food to touch food which is already frozen, thus avoiding a rise in temperature of the latter.
- Lean foods store better and longer than fatty ones; salt reduces the storage life of food.
- Water ices, if consumed immediately after removal from the freezer compartment, can possibly cause the skin to be freeze burnt.
- It is advisable to show the freezing in date on each individual pack to enable you to keep tab of the storage time.

Hints for storage of frozen food

To obtain the best performance from this appliance, you should:

- Make sure that the commercially frozen foodstuffs were adequately stored by the retailer.
- Make sure that frozen foodstuffs are transferred from the food store to the freezer in the shortest possible time.
- Do not open the door frequently or leave it open longer than absolutely necessary.
- Once defrosted, food deteriorates rapidly and cannot be refrozen.
- Do not exceed the storage period indicated by the food manufacturer.

Care and cleaning

⚠ **Warning!** Refer to Safety chapters.

General warnings

⚠ **Caution!** Unplug the appliance before carrying out any maintenance operation.

ⓘ This appliance contains hydrocarbons in its cooling unit; maintenance and recharging must therefore only be carried out by authorized technicians.

ⓘ The accessories and parts of the appliance are not suitable for washing in a dishwasher.

Cleaning the interior

Before using the appliance for the first time, the interior and all internal accessories should be washed with lukewarm water and some neutral soap to remove the typical smell of a brand-new product, then dried thoroughly.

⚠ **Caution!** Do not use detergents or abrasive powders, as these will damage the finish.

Initial power on

⚠ **Caution!** Before inserting the power plug in to the outlet and switching on the cabinet for the first time, leave the appliance standing upright for at least 4 hours. This will assure a sufficient amount of time for the oil to return to the compressor. Otherwise the compressor or electronic components may sustain damage.

Periodic cleaning

⚠ **Caution!** Do not pull, move or damage any pipes and/or cables inside the cabinet.

⚠ **Caution!** Do not damage the cooling system.

⚠ **Caution!** When moving the cabinet, lift it by the front edge to avoid scratching the floor.

The equipment has to be cleaned regularly:
1. Clean the inside and accessories with lukewarm water and some neutral soap.
2. Regularly check the door gaskets and wipe clean to ensure they are clean and free from debris.
3. Rinse and dry thoroughly.
4. If accessible, clean the condenser and the compressor at the back of the appliance with a brush. This operation will improve the performance of the appliance and save electricity consumption.

Periods of non-operation

When the appliance is not in use for long periods, take the following precautions:
1. Disconnect the appliance from electricity supply.
2. Remove all food.
3. Defrost (if necessary) and clean the appliance and all accessories.
4. Clean the appliance and all accessories.
5. Leave the door/doors open to prevent unpleasant smells.

⚠ **Caution!** If you want to keep the appliance switched on, ask somebody to check it once in a while to prevent the food inside from spoiling in case of a power failure.

Defrosting fridge compartment

Frost is automatically eliminated from the evaporator of the refrigerator compartment every time the motor compressor stops, during normal use. The defrost water drains out through a trough into a special container at the back of the appliance, over the motor compressor, where it evaporates.

It is important to periodically clean the defrost water drain hole at the back of the refrigerator compartment to prevent the water overflowing and dripping onto the food inside.

Defrosting freezer compartment

The freezer compartment has automatic defrosting function.
Due to seasonal changes, a thick layer of frost may form. To defrost manually, observe the followings.

- Disconnect the appliance from the power supply, and leave open the freezer door.
- Remove all foods, ice cube tray and shelf or transfer to refrigerator compartment.
- Clean and wipe out the melted frost with a cloth.
- After defrosting, connect the appliance to the power supply.

⚠ **Caution!** To avoid damaging the freezer compartment wall, do not use any sharp objects to remove the frost or separate the frozen food.

Troubleshooting

⚠ **Warning!** Refer to Safety chapters.

What to do if...

Problem	Possible Cause	Solution
The doors of the appliance are not aligned.	The height of the doors are not in a level.	Refer to "Levelling doors".
The appliance does not operate.	The mains plug is not connected to the mains socket correctly.	Connect the mains plug to the mains socket correctly.
	There is no voltage in the mains socket.	Connect a different electrical appliance to the mains socket. Contact a qualified electrician.
The appliance is noisy.	The appliance is not placed stably.	Level the feet of the appliance to stabilize it. Refer to "Levelling feet", or the separate Assembly Instructions.
The lamp does not work.	The lamp is defective.	Refer to “Replacing the lamp”.
The temperature cannot be adjusted.	A control mode (super cooling, super freezing or auto mode) is activated.	Deactivate the control mode. Refer to “Operation” chapter.
The compressor operates continually.	Temperature is set incorrectly.	Refer to “Operation” chapter.
	Many food products were inserted at the same time.	Insert less food products at the same time.
	The room temperature is too high.	Refer to climate class chart on the rating plate.
	Food products placed in the appliance were too warm.	Allow food products to cool to room temperature before storing.
	The door is not closed correctly.	Refer to “Closing the door”.
The temperature in the appliance is too low/too high.	The temperature is not set correctly.	Set a higher/lower temperature.
	The door is not closed correctly.	Refer to “Closing the door”.
	The food products temperature is too high.	Let the food products temperature decrease to room temperature before storage.
	Many food products are inserted at the same time.	Wait some hours and then check the temperature again.
	The thickness of the frost is greater than 4-5 mm.	Defrost the appliance.
	The door has been opened often.	Open the door only if necessary.
	There is no cold air circulation in the appliance.	Make sure that there is cold air circulation in the appliance.

Problem	Possible Cause	Solution
There is too much condensed water on the rear wall of the refrigerator.	Door was opened too frequently.	Open the door only when necessary.
	Door was not closed completely.	Make sure the door is closed completely.
	Stored food was not wrapped.	Wrap food in suitable packaging before storing it in the appliance.
Water flows inside the refrigerator.	The drain hole at the back of the appliance is clogged.	Clean the drain hole with a piece of wire.
	Food products prevent water from flowing into the water collector.	Make sure that food products do not touch the rear plate.
Water flows on the floor.	The door is not closed well.	Refer to "Closing the door", or refer to the troubleshooting item below ("The door does not close completely").
	The appliance tilts forward.	Tilt the appliance slightly backward (a quarter-inch lower in the back). Refer to the separate Assembly Instructions for appliance level adjustment.
	The drip pan cracks.	Contact Authorised Service Centre listed at the end of this manual.
	The defrost water drain is clogged.	Clean the drain hole with a piece of wire.
The door does not close completely.	The shelves are out of position.	Make sure the shelves are in correct position. Refer to "Movable shelves".
	The door gaskets are dirty.	Clean the door gaskets.
	The appliance is not level.	Refer to "Levelling feet", or the separate Assembly Instructions.

Error code explanation

E1: Temperature sensor failure of the refrigerator chamber
E2: Temperature sensor failure of the freezer chamber
E4: Defrosting sensor failure of the refrigerator chamber
E5: Defrosting sensor failure of the freezer chamber
E6: Communication failure
E7: Failure of ambient temperature sensor
EH: Humidity sensor failure

ⓘ If your appliance still is not working properly after making the above checks, contact the Authorised Service Centre. You can find the list at the end of this manual.

Closing the door

1. Clean the door gaskets.
2. If necessary, adjust the door. Refer to the separate Assembly Instructions.
3. If necessary, replace the defective door gaskets. Contact the After Sales Service.

Replacing the lamp

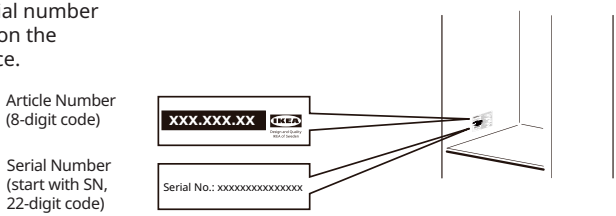
The appliance is equipped with a lamp for interior lighting.

Only service is allowed to replace the lighting device. Contact your Authorised Service Centre. For quick solution, always refer to the full list of Authorised Service Centre located at the end of this manual and call your relative phone number.

Technical information

Product category	
Product type	Refrigerator - Freezer
Installation type	Freestanding
Product dimensions	
Height	1898 mm
Width	833 mm
Depth	663 mm
Net volume	
Fridge	341.0 L
Freezer	171.0 L
Defrost system	
Fridge	auto
Freezer	auto
Star rating	****
rising time	14 hours
Freezing capacity	14 kg/24 h
Energy consumption	382 kWh/y
Noise level	40 dB , C
Energy class	F
Voltage	220 - 240 V~
Frequency	50 Hz

ⓘ The article number and the serial number are situated in the rating plate on the internal left side of the appliance.



Picture for reference only

Environmental concerns

Recycle materials with the symbol . Put the packaging in relevant containers to recycle it. Help protect the environment and human health by recycling waste of electrical and electronic appliances. Do not dispose of appliances marked with the symbol  with the household waste. Return the product to your local recycling facility or contact your municipal office.

IKEA guarantee

Do you need extra help?

For any additional questions not related to After Sales of your appliances , like clarifications on installation of the IKEA appliance in the dedicated IKEA kitchen furniture or for clarification on functions of the IKEA appliances, please contact your nearest IKEA Customer Support Centre, the number is available on www.IKEA.com. We recommend you read the appliance documentation carefully before contacting us.

Read about our guarantee terms on **www.ikea.com**

For requests under this guarantee, do not hesitate to contact the IKEA appointed Authorized Service Centre. See the relative national phone numbers below/on the next page/on the last page.

For quicker service, always refer to the IKEA article number (8-digit code) and the serial number (22-digit code) found on the rating plate of your appliance.

SAVE THE SALES RECEIPT.

Country	Phone Number	Call Fee	Opening Time (Mon-Fri)
Deutschland	08007242420	Kostenlos	8am - 5pm
France	0805543333	Gratuit	8.30 am – 7.00 pm (lun-ven) 8.30 am – 1.00 pm (sam)
United Kingdom	08009175827	free	9am till 5pm
Ireland		free	9am till 5pm
Italia	800130373	Gratuito	9am-6pm
España	900822398	Gratis	9am-6pm
Ελλάδα	0080044146128 (+30)21 6860020	Χωρίς χρέωση	9am-6pm
България	0 700 10 218	Безплатно	9.00 – 18.00 ч. (пон. - пет.)
Nederland	Local(within NL): 050-7111267 International: +31 507111267	Gratis	Ma-Vr 8-20, Za 9-20
Sverige	0775700500	Kostnadsfritt	mån-fre 8.30 - 20.00 lör-sön 9.30 - 18.00
Schweiz	0800110344	Kostenlos	8am - 5pm
Suisse		Gratuit	8am - 5pm
Svizzera		Gratuito	8am - 5pm
Österreich	0800909626	Kostenlos	9am-5pm
België	080080159	Gratis	9am-5pm
Belgique		Gratuit	9am-5pm
Luxembourg		Gratuit	9am-5pm
Danmark	70 15 09 09	Gratis	man. - fre. 09.00 - 20.00 lør. - søn. 09.00 - 18.00
Norge	80031407	Gratis	9.00 am – 4.00 pm
Polska	800012088	Bezpłatne	9am-5pm
Portugal	800210151	Gratuita	9am-6pm
Česká republika	800050717	Zdarma	9am-5pm
Suomi	0800302588	Maksuton	9.00 am – 4.00 pm
Magyarország	0680984517	Ingyenes	9am-5pm
Türkiye	4449774	Ücretsiz	8.00 am – 17.30 pm
Россия	88005510448	Бесплатно	9am-6pm
USA	(001)866 646 4332	free	Mon-Fri 8:00 AM to 8:00 PM (EST) Saturday 8:00 AM to 6:00 PM (EST)
Slovensko	(+42)1415623915	Bezplatne	9.00 – 18.00 (pondelok – piatok)
Latvia	(+371)67717065	Bezmaksas	9.00 – 18.00 (P – Pk)
Estonia	(+372)6366525	Tasuta	9.00 – 18.00 (E–R)
Lithuania	(+370)67641956	Nemokamai	9.00 – 18.00 (Pr–Pn)
България	IKEA.com	Безплатно	

Country	Phone Number	Call Fee	Opening Time (Mon-Fri)
Gran Canaria	IKEA.com	Gratis	
Serbia	IKEA.com	Besplatno	
Ísland	IKEA.com	Ókeypis	
România	IKEA.com	Gratuit	
Hrvatska	IKEA.com	Ne naplaćuje se	
Slovenija	IKEA.com	Brezplačno	
Tenerife	IKEA.com	Gratis	

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