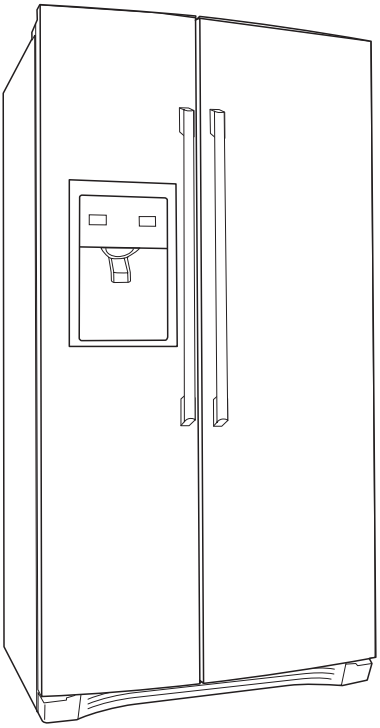
JLAFFS2008
Fridge freezer

Instruction manual



John Lewis

⚠ Important safety information

It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is supplied with the appliance in order that the new owner can get to know the functioning of the appliance and the relevant warnings.
These warnings have been provided in the interest of safety. You MUST read them carefully before installing or using the appliance. If you are unsure of the meanings of these warnings contact the John Lewis branch from which you purchased the appliance.

Installation

- This appliance is heavy. Care should be taken when moving it.
- Check your appliance for any transport damage. Do not connect the appliance if there is damaged. If the appliance is damaged, you should contact the John Lewis branch from which you purchased it.
- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.
- Care must be taken to ensure that the appliance does not stand on the electrical supply cable. If the supply cable is damaged it must be replaced; contact our extended warranty administrators on 08700 107 887 who will give you details for your local Service Force centre.
- Parts which heat up should not be exposed. Whenever possible, the back of the appliance should be close to a wall, but leaving the required distance for ventilation, as stated in the installation instructions.
- This appliance should be left for 2 hours after installation before it is turned on, in order to allow the refrigerant to settle.

Child safety

- This appliance is designed to be operated by adults. Children should not be allowed to tamper with the controls or play with the product.
- Keep all packaging well away from children. There is risk of suffocation.
- When the appliance is to be scrapped, cut off the electrical supply cable and destroy the plug with the remaining cable. Disable the door catch in order to prevent children from becoming trapped inside while playing.

Use

- This appliance is designed for domestic use only, specifically for the storage of edible foodstuffs.

- Containers with flammable gases or liquids can leak at low temperatures. Do not store any containers with flammable materials, such as spray cans, fire extinguisher refill cartridges etc. in the refrigerator or the vicinity of the refrigerator or any other appliance.
- Frozen food should not be refrozen once it has thawed out.
- Do not place carbonated or fizzy drinks in the freezer compartment.
- Do not remove items from the freezer if your hands are damp/wet, as this could cause skin abrasions or frost/freezer burns.
- Ice lollies can cause frost/freezer burns if consumed straight from the freezer compartment.
- Bottles and cans must not be placed in the freezer compartment as they can burst as the contents freeze.
- Manufacturers recommended food storage times should be adhered to. Refer to the relevant instructions.
- Do not use electrical appliances inside the appliance.
- Store pre-packed frozen foods in accordance with the frozen foods instructions and use by date.
- When cleaning, defrosting, taking out frozen foods or ice tray do not use sharp, pointed or hard devices, as they can cause damage to the appliance.
- Do not damage the refrigerant circuit.

Safety Precautions for Isobutane

Warning! The refrigerant of the appliance is isobutane (R600a) that is inflammable and explosive to a greater extent.

- 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 use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

For the safety of life and property keep the precautions of these user's instructions as the manufacturer is not responsible for damages caused by omission.

Maintenance and cleaning

- Switch off and unplug the appliance before carrying out any cleaning or maintenance work.
- When unplugging always pull the plug from the mains socket, do not pull on the cable.

Service

- This product should be serviced by an authorized service engineer, and only genuine spare parts should be used.
- Under no circumstances should you attempt to repair the appliance yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunction.
- Service Force are the authorised repair agents for John Lewis branded domestic appliances.

Ecological hints

To save water and energy and help protect the environment, we recommend that you follow these hints:

- Do not install the appliance close to sources of heat such as a boiler or radiator.
- Locate the appliance in a well ventilated room and make sure that any air openings of the appliance are not obstructed.
- Pack all foods into airtight packages before placing them into the freezer compartment.
- Food which is to be frozen (when cool) should be placed in the fridge compartment before being transferred to the freezer.
- Try to avoid keeping the door open for long periods or opening the door too frequently as warm air will enter the cabinet and cause the compressor to switch on unnecessarily often.
- Ensure there are no obstructions preventing the door from closing properly.

Environmental information

- After installation, please dispose of the packaging with due regard to safety and the environment.
- Materials marked with the symbol ♺ are recyclable.
- Avoid damaging the cooling unit, especially at the rear near the heat exchanger. Check with your local Council or Environmental Health Office to see if there are facilities in your area for recycling this appliance.
- When the appliance is to be scrapped, cut off the power supply cable and remove the door, to prevent young children from being trapped inside.
- This appliance does not contain gases which could damage the ozone layer, in either its refrigerant circuit or insulation materials.

⚠ **Warning!** A cut off plug inserted into a 13 amp socket is a serious safety (shock) hazard. please ensure the cut off plug is disposed of safely.

The symbol ⌧ on the product or on its packaging indicates that this product may not be treated as household waste. Instead it should be taken to the appropriate collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council, your household waste disposal service or the shop where you purchased the product.

Contents

Guide to use the instruction manual

The following symbols will be found in the text to guide you throughout the instructions:

Safety instructions

Hints and tips

Environmental information

Installation

This Use and care guide provides general operating instructions for your model. Use the refrigerator only as instructed in this Use and care guide. **Before starting the refrigerator, follow these important first steps.**

Location

- Choose a place that is near a grounded electrical outlet. **Do Not** use an extension cord or an adapter plug.
- If possible, place the refrigerator out of direct sunlight and away from the range, dishwasher or other heat sources.
- The refrigerator must be installed on a floor that is level and strong enough to support a fully loaded refrigerator.
- Consider water supply availability for models equipped with an automatic ice maker.

Caution! DO NOT install the refrigerator where the temperature will drop below 13°C or rise above 43°C. The compressor will not be able to maintain proper temperatures inside the refrigerator.
DO NOT block the toe grille on the lower front of your refrigerator. Sufficient air circulation is essential for the proper operation of your refrigerator.

Climatic class

Install this appliance at a location 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 + 36°C
T	+18°C to + 43°C

Installation

Installation clearances

- Allow the following clearances for ease of installation, proper air circulation, and plumbing and electrical connections:

Sides & Top	9.5 mm
Back	25.4 mm

If your refrigerator is placed with the door hinge side against a wall, you may have to allow additional space so the door can be opened wider.

Door opening

The refrigerator doors are designed to shut by themselves within a 20 degree opening. Your refrigerator should be positioned to allow easy access to a counter when removing food. For best use of drawers and freezer baskets, the refrigerator should be in a position where both the refrigerator and freezer doors can be fully opened.

Product dimensions	
Height	1780mm
Width	910 mm
Depth	682 mm

Product dimensions	
Rising time	20 h

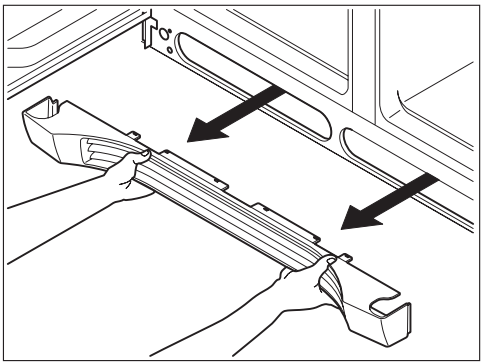
Guidelines for final positioning of your refrigerator:

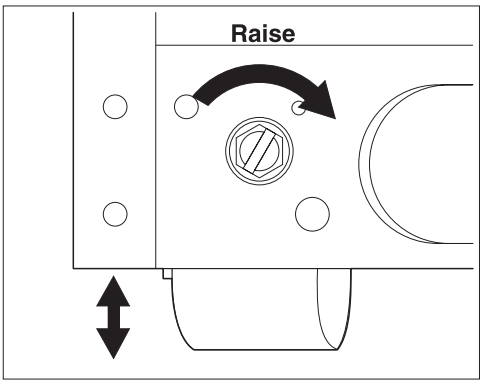
- All four corners of the cabinet must rest firmly on the floor.
- The cabinet should be level at the front and rear.
- The sides should tilt 6.4 mm from front to back (to ensure that doors close and seal properly).
- Doors should align with each other and be level.

All of these conditions can be met by raising or lowering the adjustable front rollers.

To level the cabinet using the front rollers:

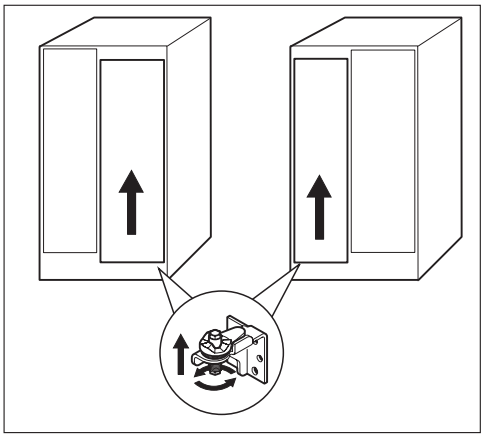
1. Open both doors and remove the toe grille by gently pulling forward (see illustration).
2. Close the doors and use a flat-blade screwdriver or 9.5 mm (3/8 inch) socket wrench to raise or lower the front rollers.
3. Ensure both doors are bind-free with their seals touching the cabinet on all four sides.

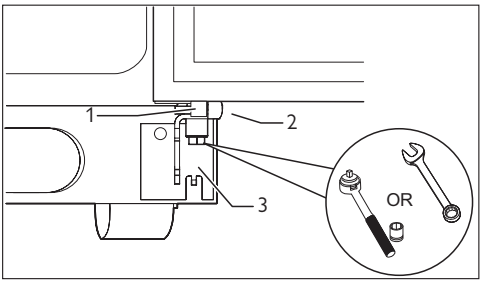




To level the doors using the adjustable lower hinge (some models):

1. If the refrigerator door is lower than the freezer door, raise the refrigerator door by turning the adjustment screw clockwise using a 11.1 mm socket wrench. (See illustration.)
2. If the freezer door is lower than the refrigerator door, raise the freezer door by turning the adjustment screw clockwise using a 11.1 mm socket wrench. (See illustration.)
3. After leveling, verify door stop contacts lower hinge and top of door does not contact upper hinge through full movement of door (from fully closed to fully open).
4. Replace the toe grille by fitting it into place.





Electrical connection

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.
Should the appliance power supply cable need to be replaced, this must be carried out by a Service Force agent. The manufacturer declines any liability should this safety measure not be observed.

Before switching on, make sure the electricity supply voltage is the same as that indicated on the appliance's rating plate.
The appliance is supplied with a 13amp plug supplied. In the event of having to change the fuse in the plug supplied, a 13amp ASTA approved BS 1363/A fuse must be used. Should the plug need to be replaced for any reason, proceed as described below. The wires in the mains lead are coloured in accordance with the following code:

Green and yellow	- Earth
Blue	- Neutral
Brown	- Live

If you fit your own plug, the colours of the wires in the mains lead of your appliance may not correspond with the markings identifying the terminals in your plug.

Proceed as follows:

1. Connect the green and yellow (earth) wire to the terminal in the plug which is marked with the letter "E" or the earth symbol ⏚ or coloured green and yellow.
2. Connect the blue (neutral) wire to the terminal in the plug which is marked with the letter "N" or coloured black.
3. Connect the brown (live) wire to the terminal in the plug which is marked with the letter "L"or coloured red.

4. Upon completion there must be no cut, or stray strands of wire present and the cord clamp must be secure over the outer sheath.

Warning! A cut off plug inserted into a 13 amp socket is a serious safety (shock) hazard.
Ensure that the cut off plug is disposed of safely.

Warning! The plug must still be accessible after the appliance has been installed.

Warning! The appliance should not be connected to the electrical supply by means of an extension cable.

Permanent connection

In the case of permanent connection it is necessary that you install a double pole switch between the appliance and the electricity supply (mains), with a minimum gap of 3mm between the switch contacts and of a type suitable for the required load in compliance with the current electrical regulations.
The switch must not break the green and yellow earth cable at any point.

Removing the doors

Getting through narrow spaces

If your refrigerator will not fit through an entrance area, you can reduce its size by removing the doors. Check first by measuring the entrance.

To prepare for removing the doors:

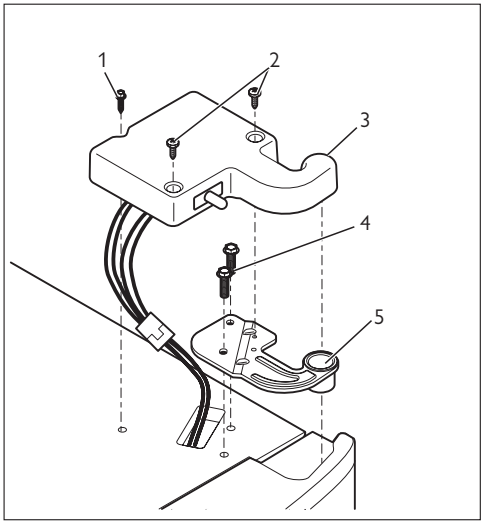
1. Make sure the electrical power cord is unplugged from the wall outlet.
2. Open both doors and remove the toe grille (as explained in the Installation Instructions that came with your appliance).
3. Remove any food from the door shelves.
4. Close the doors.

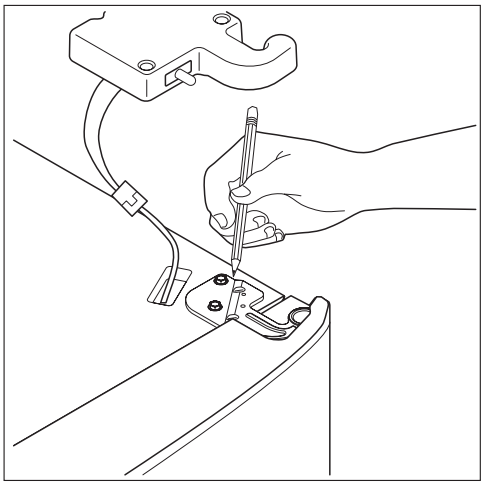
To remove the refrigerator top hinge cover:

1. Remove the three screws from each cover over the top door hinges.
2. Lift hinge cover straight up and off.

To remove the refrigerator door:

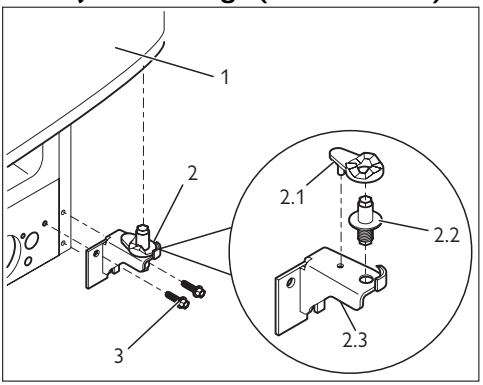
1. Trace lightly around the door's top hinge with a pencil. This makes reinstallation easier.



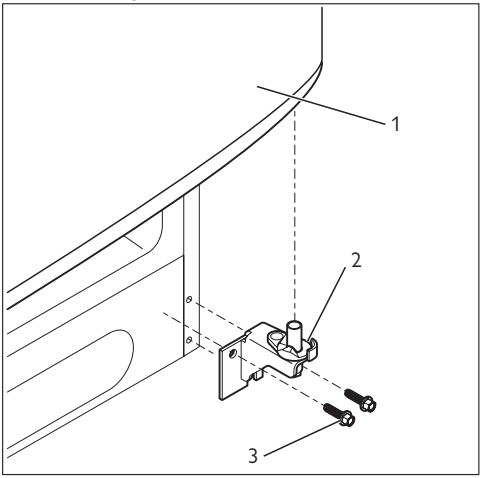


2. Remove the two screws from the top hinge. Lift the door off of the bottom hinge and set it aside.

Adjustable hinge (some models)



Non-adjustable hinge (some models)



3. Remove the two bottom hinge screws and hinge if necessary.

To reinstall the refrigerator door, reverse the above steps.

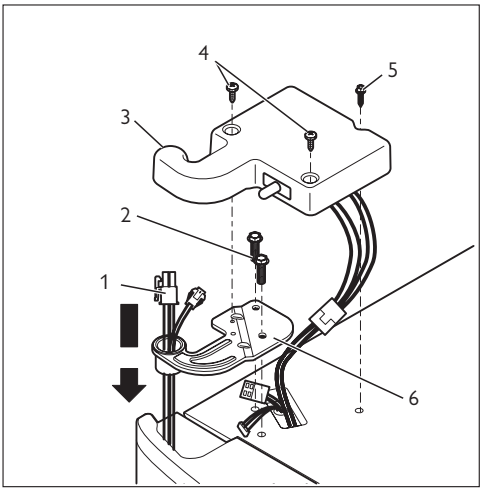
Caution! Be sure doors are set aside in a secure position where they cannot fall and cause personal injury.

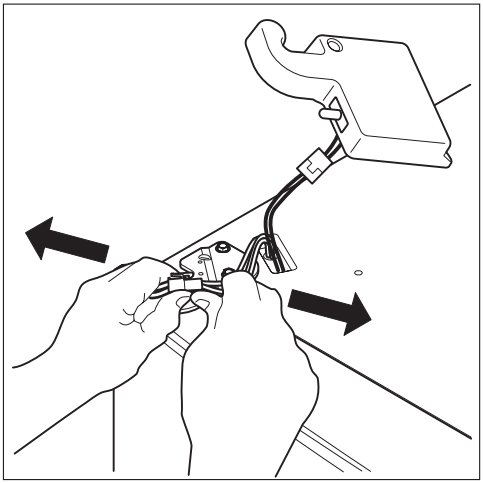
To remove the freezer top hinge cover:

1. Remove the two screws from each cover over the top door hinges.
2. Lift hinge cover straight up and off.

To remove the freezer door:

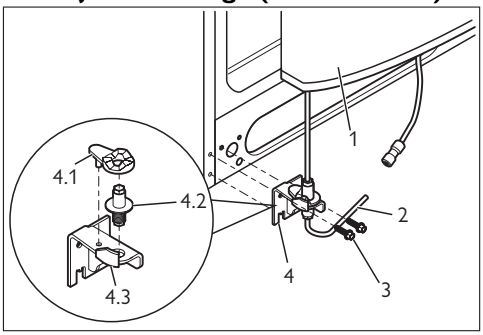
1. Detach the multi-wire cable connector located above the top hinge. Grasp both sides of the connector firmly and pull apart.



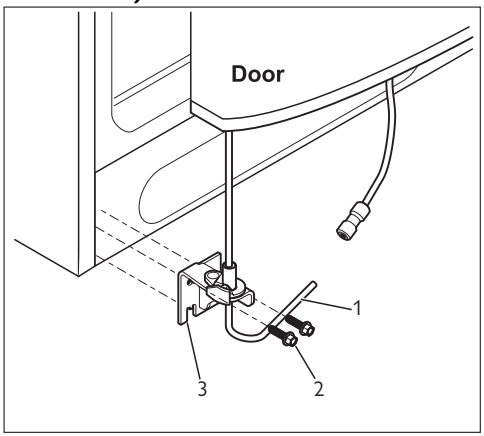


2. Trace lightly around the hinge with a pencil. This makes reinstallation easier.
3. Detach the water tube from the connector located below the freezer door. The connector releases when you press its outer sleeve inward.

Adjustable hinge (some models)



Non-adjustable hinge (some models)



4. Remove the screws from the top hinge and pull the multi-wire cable through it. Lift the door off of the bottom hinge.
5. Remove the two bottom hinge screws and hinge if necessary.
6. Lay the door on its side to avoid damage to the water tube extending from the bottom hinge.

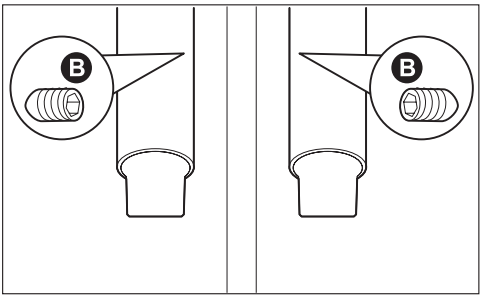
To reinstall the freezer door, reverse the above steps.

Once both doors are in place, ensure they are aligned with each other and level (Please see "To level the doors using the lower hinge" for models with adjustable lower hinges or "To level the cabinet using the front rollers" for models with the non-adjustable lower hinges in the "Installation" section), then replace the top hinge cover.

Installing door handles

Door handle mounting instructions

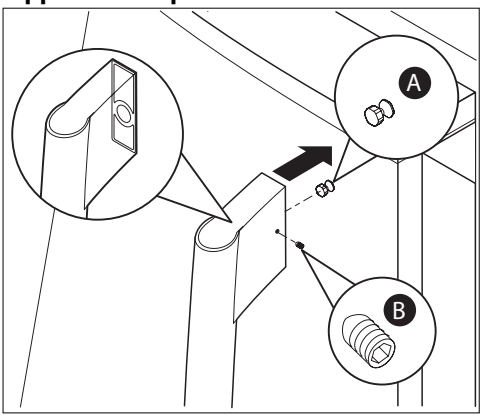
1. Remove handles from carton and any other protective packaging.
2. Position freezer handle over upper and lower preinstalled shoulder bolts (A) that are fastened into door, ensuring the holes for the set screws are facing towards the refrigerator door.
3. While holding handle firmly against door, fasten upper and lower allen set screws (B) with supplied allen wrench.
4. Repeat steps 2 and 3 to install refrigerator handle. Ensure the holes for the set screws are facing towards the freezer door.



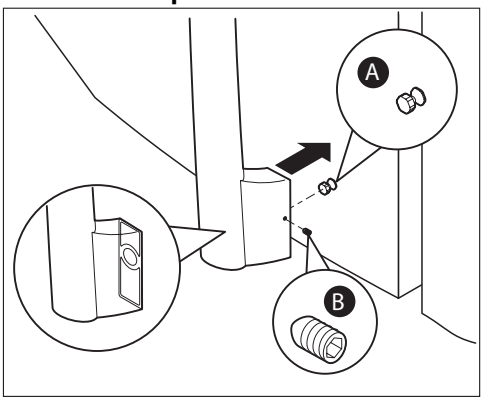
All set screws should be tightened so the screw is below the surface of the handle. The handles should be drawn tight to freezer and refrigerator doors with no gaps. Opening the opposite door while tightening the allen screw makes installation easier.

The door handle may loosen over time or if it was installed improperly. If this happens, tighten the set screws on the handles.

Upper end cap



Lower end cap



Connecting the water supply

About your refrigerator's water supply

The automatic ice & water dispenser on your refrigerator requires a permanent water supply to function correctly. During installation, you (or a service professional) establish this water supply by connecting a water tube from your household water system to a valve at the rear of the refrigerator.

You may have already followed the directions in the Installation Instructions to connect the water supply. This information is repeated here for future reference if you need to relocate your refrigerator.

Caution! To avoid property damage:

- Use water tubing for the water supply line (plastic tubing is more likely to leak). Manufacturer is not responsible for any damage if plastic tubing is used for supply line.
- Ensure water supply and installation comply with state and local laws and regulations.
- For proper dispenser operation, recommended water supply pressure should fall between 210 kPa (2.1 bar) and 690 kPa (6.9 bar). Excessive pressure may cause water filter to malfunction.

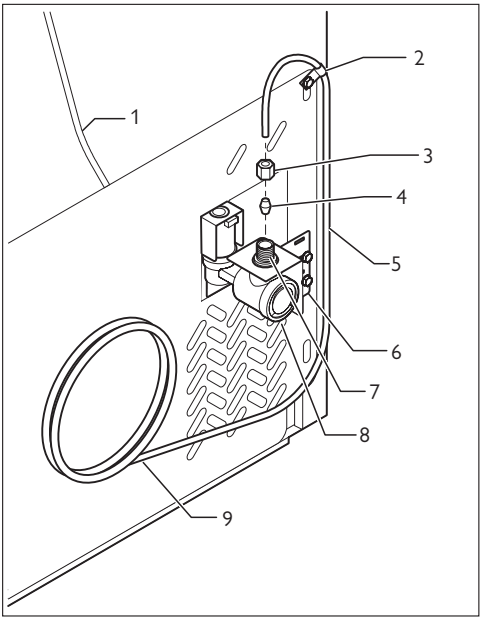
What you will need:

- Access to a cold water line with pressure of 210 kPa (2.1 bar) and 690 kPa (6.9 bar). (System supplied with cold water only.)
- Water tubing with 6.4 mm Outside Diameter (OD). Length for this tubing is the distance from the rear of the refrigerator to your household water supply line plus 2.1 meters.

- A shut-off valve for the connection between your household water line and the refrigerator supply line.
  Do not use a self-piercing shut-off valve.
- A compression nut and ferrule (sleeve) for the water supply connection at the rear of your refrigerator.

To connect the water supply to the rear of your refrigerator:

1. Ensure that the refrigerator is not plugged in.
2. Flush the supply line until water is clear by placing the end of the water tube in a sink or bucket and opening the shut-off valve.
3. Unscrew the plastic cap from the water valve inlet at the rear of your refrigerator. Discard the cap.
4. Slide the brass compression nut, then the ferrule (sleeve) onto water tube.
5. Push the water tube into water valve inlet as far as it will go (6.4 mm).
6. Slide the ferrule (sleeve) into valve and finger-tighten the compression nut onto valve. Tighten another half turn with a wrench. Do not over-tighten.
7. Secure the water tube to your refrigerator's rear panel with a steel clamp and screw (see illustration).
8. Coil the excess water tubing (about 2½ turns) behind your refrigerator as shown. Arrange coiled tubing to avoid vibration or wear against other surfaces.
9. Open water supply shut-off valve and tighten any connections that leak.



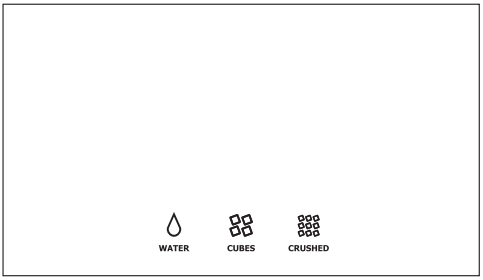
After connecting the water supply, refer to "How to Prime the Water Supply System" for important information about priming an empty water supply system.
Your refrigerator's water supply system includes several tubing lines, a water filter, a water valve and a water tank. To ensure that your water dispenser works properly, this system must be completely filled with water when your refrigerator is first connected to the household water supply line.

Controls

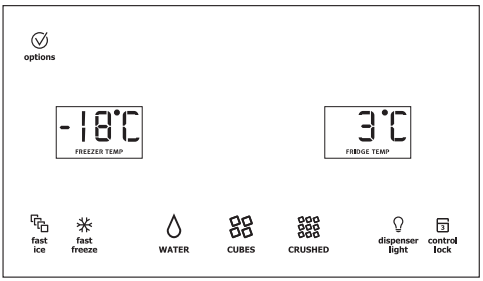
Wave-Touch™ (some models)

Your refrigerator is equipped with a **Wave-Touch™ Panel** user interface display. It is only necessary to touch the glass. There is no need to press with force. There are three levels of display.

1st Level: Sleep mode



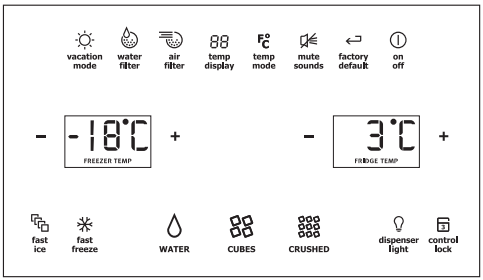
Sleep mode displays only the WATER, CUBES and CRUSHED options. Touch an icon to activate the desired dispenser mode. The active dispenser mode is more brightly illuminated.



2nd Level: Awakened display mode

The display is awakened by touching anywhere on the glass where there is an indicator. Black space will not awaken the display. After 10 seconds of inactivity, the display will return to the Sleep mode.
The following dispenser options are illuminated:
fast ice - Increases the production of ice
fast freeze - Activates a faster rate for freezing food
dispenser light - On / Off
control lock - Press and hold for three seconds to activate and deactivate. This restricts undesired changes to the refrigerators settings and prevents use of the ice and water dispenser.

3rd Level: User variable options



Touching the options icon displays the following options:
vacation mode - Conserves energy by increasing the time between automatic defrost. This feature is automatically activated during long periods between door openings.

Vacation mode is manually activated when the red indicator is lit.

water filter - Touch to display filter condition status. Press and hold for three seconds to reset.

air filter - Touch to display filter status. Press and hold for three seconds to reset.

temp display - When active, it allows the display of the freezer and fridge temps during "Sleep Mode". The temperature is displayed when the red indicator is lit.

temp mode - Touch to toggle display from Fahrenheit to Celsius.

mute sounds - Tones emitted by each keypress can be turned off based on user preference. The sounds are muted when the red indicator is lit. Warning signals will stay active.

factory default - Resets all refrigerator settings such as temp, temp display, and alarm tones to their factory default settings.

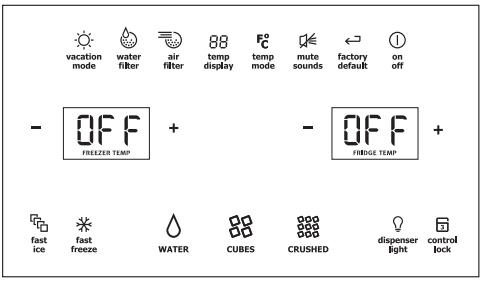
on off - Press and hold for three seconds to turn off the cooling system to clean the refrigerator. It also turns off all dispenser functions. The temperature display will read OFF.

Important! Pressing the system off icon does not turn off power to your refrigerator. You must unplug the power cord from the wall outlet.

Setting cooling temperatures

1. Touch the glass panel to illuminate the 2nd level of display.
2. Select the options icon. Plus (+) and minus (-) indicators will appear on either side of the displayed temperatures.
3. Press the + or – indicator to adjust the temperature to the desired setting.

The temperature display will begin to blink with the first touch. After five seconds of inactivity, the display will beep to accept the new temperature. After 10 seconds, the display times out and returns to the basic display.



Alarms

Door ajar - If the door has been left open for an extended period of time, an alarm will sound and the door ajar indicator will display in the middle. The alarm is turned off by closing the door. The **alarm off** key will illuminate to prompt the reset of any pending alarms. Press this key to reset any system Alarms.

High temp - In the event of a high temperature condition, the temperature display will display "HI". After 20 minutes, the **high temp** alert will be displayed and the **alarm off** icon will illuminate until pressed, acknowledging the alarm, at which time the highest temperature reached will be displayed and the refrigerator will resume normal operation. All other modes are turned off until the alarm is acknowledged.

Power fail - In the event of a power failure, the **power fail** alert will be displayed and the **alarm off** key will be illuminated and you will hear an audible alarm until the **alarm off** icon is pressed, acknowledging the alarm. Other modes may be turned off until the alarm is acknowledged. When the **power fail** alert is turned off, the refrigerator will resume normal

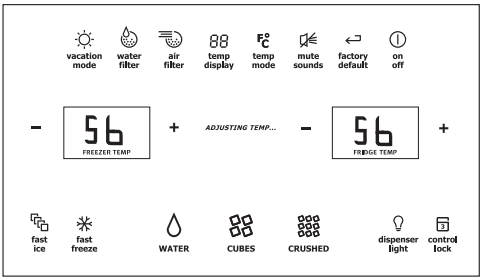
operation. **The high temp alarm may also be illuminated until a safe operating range temperature has been reached.**

Wave-Touch™/IQ-Touch™ "Sabbath mode" (some models)

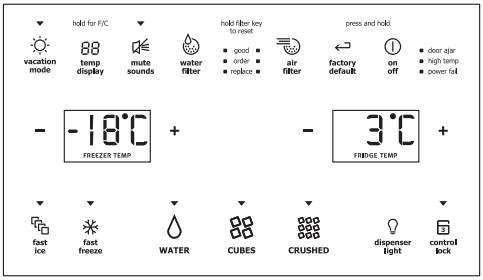
The Sabbath mode is a feature that disables portions of the refrigerator and its controls for both Wave-Touch™ and IQ-Touch™, in accordance with observance of the weekly Sabbath and religious holidays within the Orthodox Jewish community.

Sabbath mode is turned ON and OFF by pressing and holding both the outermost "-" and "+" indicators for five seconds for both the Wave-Touch™ and IQ-Touch™ modes. The display shows "Sb" while in Sabbath mode.

In the Sabbath mode, the High temp alarm is active for health reasons. If a high temperature alarm is activated during this time, for example due to a door left ajar, the alarm will sound intermittently for about 10 minutes. The alarm will then silence on its own and a red high temperature icon will display. The high temp icon will continue to display, even if the door is closed, until the Sabbath mode is exited and the icon reset. The refrigerator will function normally once the door is closed, without any violation of the Sabbath/ Holidays.



IQ-Touch™ (some models)



Your refrigerator is equipped with a **Glass touch panel** user interface display. It is only necessary to touch the glass. There is no need to press with force. There are three dispenser modes:

1. Water
2. Ice Cubes
3. Crushed Ice

A red indicator light will be illuminated above the active mode. Touch the icon to activate the options below. Any of the following options that are activated have a red indicator light above the icon.

Fast ice - Increases the production of ice

Fast freeze - Activates a faster rate for freezing food

Dispenser light - On / Off

Control lock - Press and hold for three seconds to activate and deactivate. This restricts undesired changes to the refrigerators settings and prevents use of the ice and water dispenser.

Vacation mode - Conserves energy by increasing the time between automatic defrost. This feature is automatically activated during long periods between door openings. Vacation mode is manually activated when the red indicator is lit.

Water filter - Touch to display filter condition status. Press and hold for three seconds to reset.

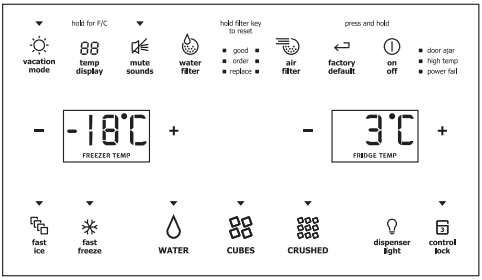
Air filter - Touch to display filter status. Press and hold for three seconds to reset.
Temp display - Touch to toggle the freezer and fridge temps display on and off. Touch and hold temp display to toggle display from Fahrenheit to Celsius.
Mute sounds - Tones emitted by each keypress can be turned off based on user preference. The sounds are muted when the red indicator is lit. Warning signals will stay active.
Factory default - Resets all refrigerator settings such as temp, temp display and ring tones to their factory default settings.
On off - Press and hold for three seconds to turn off the cooling system to clean the refrigerator. It also turns off all dispenser functions. The temperature display will read OFF.

Important! Pressing the **system off** icon does not turn off power to your refrigerator. You must unplug the power cord from the wall outlet.

Setting cooling temperatures

1. Touch the glass panel to illuminate the display to the Plus (+) and minus (-) indicators which appear on either side of the displayed temperatures.
2. Press the + or - indicator to adjust the temperature to the desired setting. The temperature display will begin to blink with the first touch. The display times out after 5 seconds and returns to the basic display.

Alarms



Door ajar - If the door has been left open for an extended period of time, an alarm will sound and the door ajar indicator will display on the right side of the display. The alarm is turned off by closing the door. The mute sounds key will illuminate to prompt the reset of any pending alarms. Press this key to reset any system alarms.
High temp - In the event of a high temperature condition, the temperature display will display "HI". After 20 minutes, the **high temp** alert will be displayed and the **mute sounds** icon will illuminate until pressed, acknowledging the alarm, at which time the highest temperature reached will be displayed and the refrigerator will resume normal operation. All other modes are turned off until the alarm is acknowledged.
Power fail - In the event of a power failure, the **power fail** alert will be displayed and the **mute sounds** icon will be illuminated and you will hear an audible alarm until the mute sounds icon is pressed, acknowledging the alarm. Other modes may be turned off until the alarm is acknowledged. When the **power fail** alert is turned off the refrigerator will resume normal operation. **The high temp alarm may also be illuminated until a safe operating range temperature has been reached.**

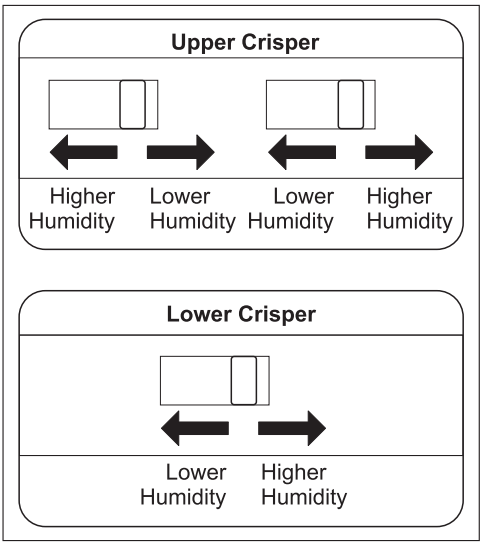
Storage features

Caution! To avoid injury from breakage, handle tempered glass shelves carefully.

Features may vary according to model. You can easily adjust shelf positions in the freezer and fresh food compartments to suit your needs. The shelves have mounting brackets which attach to slotted supports at the rear of each compartment.

Crisper humidity control

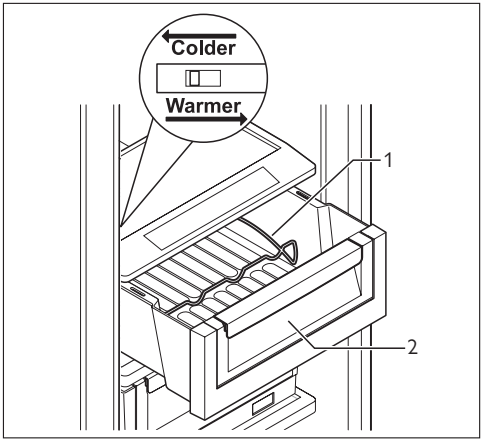
Crisper drawers include a sliding control for adjusting the humidity inside the crisper. This feature can extend the life of certain fresh vegetables that keep longer in high humidity.



Meat keeper/cold zone

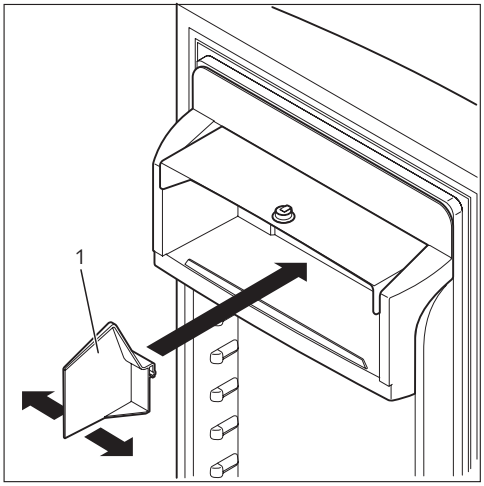
Some models are equipped with a meat keeper drawer for short-term storage of bulk meat items. This drawer includes a sliding control for adjusting the temperature inside.

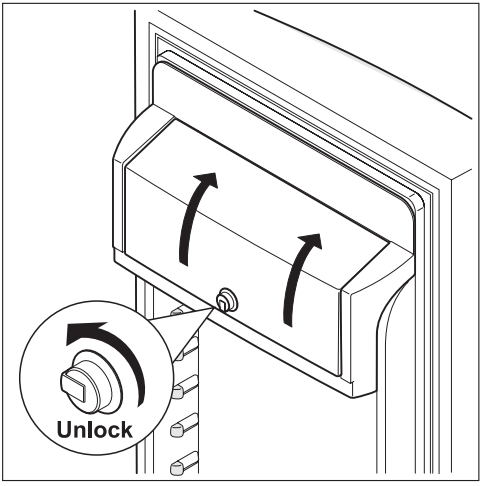
Any meat to be kept longer than two days should be frozen. If you store fruits or vegetables in this drawer, set it to a warmer temperature to prevent freezing.



Dairy compartment

Use the dairy compartment, at the top of the fresh food compartment door, for short term storage of cheese, spreads, or butter. The dairy compartment, which includes a lift-up cover that may be locked and a dairy divider (some models), is designed to be warmer than the open storage area to accommodate these types of food.





Automatic ice and water maker/dispenser

Priming the water supply system

Your refrigerator's water supply system includes several tubing lines, an advanced water filter, a distribution valve bank, and a reserve tank to ensure ample supply to the ice and water dispenser at all times. This system needs to be completely filled with water when first connected to an external supply line.

Warning! Connect to potable water only. Minimum supply water pressure = 210 kPa (2.1 bar). Maximum supply water pressure = 690 kPa (6.9 bar).

Caution! For proper dispenser operation, recommended water supply pressure should fall between 210 kPa (2.1 bar) and 690 kPa (6.9 bar). Excessive pressure may cause water filter to malfunction.

To prime the water supply system:

1. Begin filling the tank by pressing and holding a drinking glass against the water dispenser paddle.
2. Keep the glass in this position until water comes out of the dispenser. **It may take about 1½ minutes.**

3. Continue dispensing water for about three minutes to flush the system and plumbing connections of any impurities (stopping to empty the glass as necessary).

The water dispenser has a built-in device that shuts off the water flow after three minutes of continuous use. To reset this shutoff device, simply release the dispenser paddle.

Ice maker operation and care

The ice maker, ice bin, and dispenser feeding mechanism are located in the top of the freezer compartment. After the refrigerator is installed properly and has cooled for several hours, the ice maker can produce ice within 24 hours. It can completely fill an ice bin in about two days.

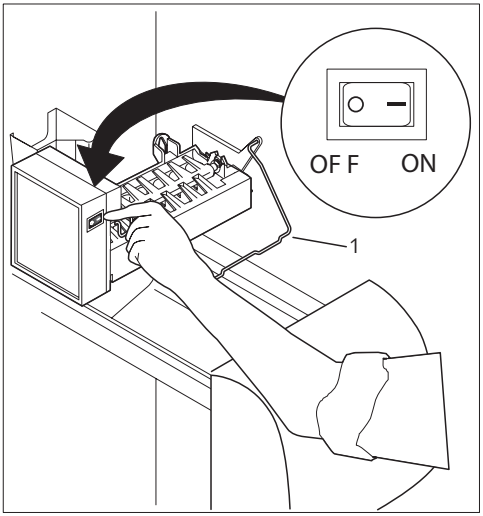
The ice maker produces 1.8 to 2.7 kg of ice every 24 hours depending on usage conditions. Ice is produced at a rate of eight cubes every 75 to 90 minutes.

Important! Your ice maker is turned on at the factory so it can work as soon as you install your refrigerator. If you cannot connect a water supply, turn the ice maker's On/Off switch to Off. Otherwise, the ice maker's fill valve may make a loud chattering noise when it attempts to operate without water.

Using the ice maker after installation

Before making ice for the first time, be sure to prime the water supply system. Air in new plumbing lines can result in two or three empty ice maker cycles. Furthermore, if the system is not flushed, the first ice cubes may be discolored or have an odd flavor.

Turning the ice maker on and off



Ice production is controlled by the ice maker's **On/Off** power switch. To gain access to the ice maker, pull the extra shelf out (some models). Press the switch to the " **O** " position to turn it Off and press to the " **I** " position to turn it On.

The ice maker also has a built-in wire signal arm, which automatically stops ice production when the ice bin is full. This signal arm should not be used to manually stop the ice maker.

Important! Small ice cubes or ice chips jamming in the ice maker may be a sign that your water filter needs changing. If you have a side mounted ice maker you may also experience hollow cubes -- partially frozen cubes with water inside. When these cubes are harvested they break open and spill water over the other ice cubes in the ice container, forming a solid mass of ice. As the water filter nears the end of its useful life and becomes clogged with particles, less water is delivered to the ice maker during each cycle. The ice maker can't fill every cube in the ice maker mold, leading to small cubes or chips that can get caught between the ice ejector blades and the stripper. Remember, if your ice maker is jamming with small ice cubes or it's been six months or longer since you last changed your water filter, replace the water filter with a new one. Poor quality household water may require the filter to be changed more frequently.

Ice maker/dispenser tips

- Ice cubes stored too long may develop an odd flavor. Empty the ice container as explained below.
- Occasionally shake the ice container to keep ice separated.
- If your refrigerator is not connected to a water supply or the water supply is turned off, turn off the ice maker by pressing the **On/Off** switch.
- If you need a large quantity of ice at one time, it is best to get cubes directly from the ice container.
- The following sounds are normal when the ice maker is operating:
  - Motor running
  - Ice dropping into ice container
  - Water valve opening or closing
  - Ice loosening from tray
  - Running water
- When dispensing ice, you will hear a snapping or clicking sound when the ice chute opens and closes.
- Turn off the ice maker when cleaning the freezer and during vacations.

Cleaning the ice maker

Clean the ice maker and ice bin at regular intervals, particularly before you take a vacation or move.

Caution! Chemicals from a malfunctioning water softener can damage the ice maker. If the water supply to your refrigerator is softened, be sure the softener is maintained to work properly.

To clean the ice maker:

1. Turn off ice production by pressing the ice maker's **Off/On** switch.
2. Remove the ice bin by lifting up and out.
3. Empty and carefully clean the ice bin with mild detergent. Rinse with clear water. Do not use harsh or abrasive cleaners.
4. Allow the ice bin to dry completely before replacing in the freezer.
5. Remove ice chips and clean the ice bin shelf and the freezer door chute.
6. Replace the ice bin. Press the ice maker's **Off/On** switch to resume ice production.

Remove and empty the ice storage bin if:

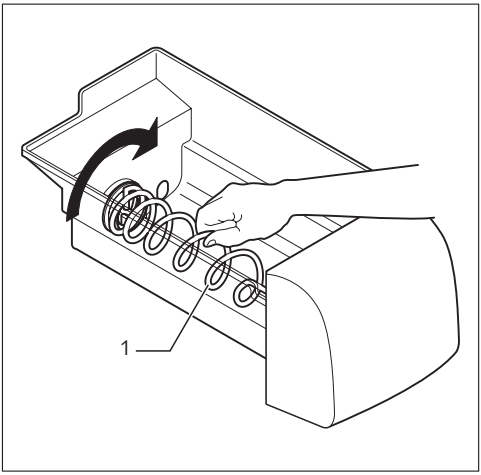
- An extended power failure (one hour or longer) causes ice cubes in the ice storage bin to melt and freeze together, jamming the dispenser mechanism.

- You do not use the ice dispenser frequently. Ice cubes will freeze together in the bin, jamming the dispenser mechanism.

Remove the ice storage bin and shake to loosen the cubes or clean as explained above.

Caution! NEVER use an ice pick or similar sharp instrument to break up the ice. This could damage the ice storage bin and dispenser mechanism.

Important!



When removing or replacing the ice bin, DO NOT rotate the auger in the ice bin. If the auger is accidentally rotated, you must realign the auger by turning it in 90 degree turns (see below) until the ice bin fits into place with the drive mechanism. **If the auger is not** properly aligned when replacing the ice bin, the refrigerator will only dispense Crushed Ice. The freezer door may also not close properly causing warm air to leak into the freezer.

Locating and replacing the filters

Locating the filters

Your refrigerator is equipped with separate water and air filtering systems. The water filter system filters all dispensed drinking water, as well as the water used to produce ice. The air filter removes odors and impurities from the refrigerator compartment.

Water filter

The water filter is located at the top right side of the fresh food compartment.

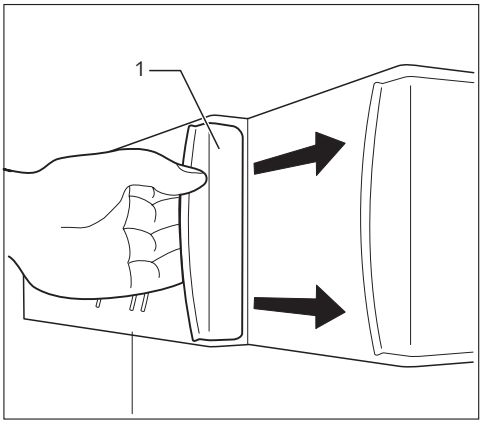
Air filter

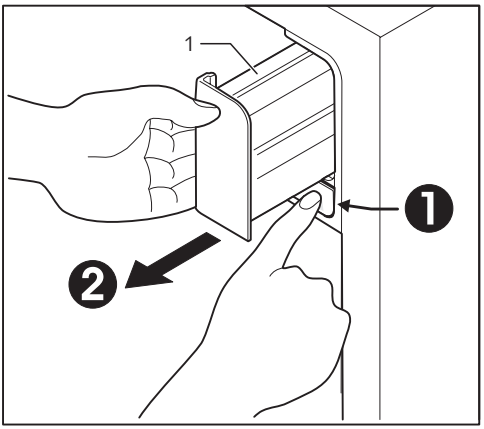
The air filter is located at the top of the fresh food compartment next to the water filter.

Replacing the air filter

In general, you should change the air filter every six months (the filter status light on the Touch Panel prompts you to replace the filter after six months) to ensure optimal filtering of refrigerator odors. You may want to adjust this time period depending on the types and amounts of food you typically store in your refrigerator. To replace your ***PureAdvantage*** ™ air filter:

1. Pull the air filter housing straight out.
2. Remove the old filter and discard it.
3. Unpack the new filter and place it inside the housing.
4. Slide the housing back into position.
5. Press and hold the **Air filter reset** button on the electronic control panel for three seconds. When the display changes from " **Replace** " to " **Good** ", the status has been reset.
6. The **Air filter reset** will turn itself off after a few seconds.





The electronic touch panel, located at the freezer door, includes controls to monitor the status of your air filter. See the Controls section for more information about these controls.

Replacing the water filter

In general, you should change the water filter every six months to ensure highest possible water quality. The **Water filter status** light on the Touch Panel prompts you to replace the filter after a standard amount of water (1513.7 liters for ***PureAdvantage*** ™) has flowed through the system.

If your refrigerator has not been used for a period of time (during moving for example), change the filter before reinstalling the refrigerator.

Ordering replacement filters

Order new filters by visiting www.electrolux-filters.com, or seeing the dealer where you bought your refrigerator. John Lewis recommends that you order extra filters when you first install your refrigerator, and that you replace your filters at least once every six months.

To replace your *PureAdvantage* ™ water filter:

It is not necessary to turn the water supply off to change the filter. Be ready to wipe up any small amounts of water released during the filter replacement.

1. Turn **Off** the ice maker power switch.
2. Push the filter release button below the cartridge to disconnect it.
3. Slide the old water filter cartridge straight out of the housing and discard it.
4. Unpackage the new filter cartridge and slide it gently into the filter housing until it stops against the snap-in connector at the back of the housing.
5. **Push firmly until the cartridge snaps into place (you should hear a click as the cartridge engages the snap-in connector).** When fully engaged, the front of the filter cartridge should be flush with the filter release button.
6. Press a drinking glass against the water dispenser while checking for any leaks at the filter housing. Any spurts and sputters that occur as the system purges air out of the dispenser system are normal.
7. After filling one glass of water, continue flushing the system for about **three minutes** .
8. Turn **On** the ice maker power switch (see AUTOMATIC ICE & WATER/MAKER DISPENSER section).
9. Press and hold the **Filter Status** button on the Ice & Water Dispenser control panel for three seconds. When the display changes from " **Replace** " to " **Good** ", the status has been reset.

Care and cleaning

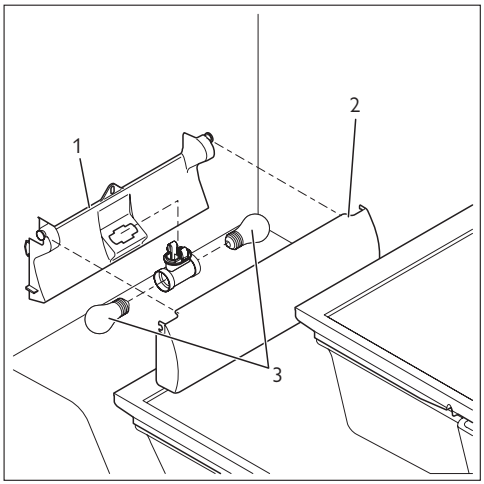
Replacing light bulbs

Both the freezer and fresh food compartments of your refrigerator include light bulbs that will need replacing from time to time. Some lights have covers that you will need to remove before replacing the bulbs. Always use bulbs that are designed for appliance lighting.

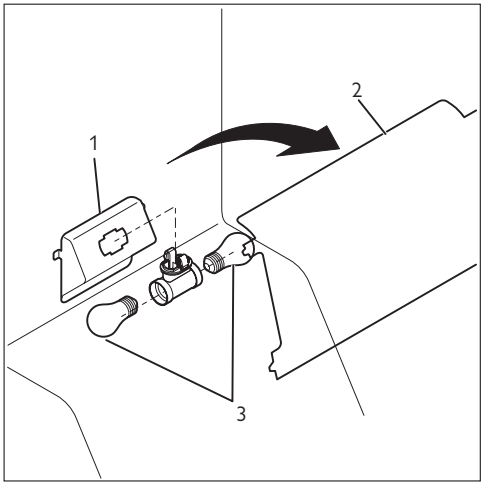
Caution! Wear gloves when replacing light bulbs to avoid getting cut.

To replace light bulbs:

1. Unplug your refrigerator's power cord.
2. Wear gloves as protection against possible broken glass.
3. Remove light cover, if necessary.
4. Unscrew and replace old bulb with an appliance bulb of the same type and wattage (normally 40 watts).
5. Replace light cover, if necessary.
6. Plug in the refrigerator's power cord.



Lights are located behind the ice container and baskets in Freezer.



Care and cleaning

Part	Cleaning agents	Tips and precautions
Interior & Door Liners	• Soap and water • Baking soda and water	• Use 2 tablespoons of baking soda in .95 litres of warm water. • Be sure to wring excess water out of sponge or cloth before cleaning around controls, light bulb or any electrical part.

Part	Cleaning agents	Tips and precautions
Door Gaskets	• Soap and water	• Wipe gaskets with a clean soft cloth.
Drawers & Bins	• Soap and water	• Use a soft cloth to clean drawer runners and tracks. • Do not wash any removable items (bins, drawers, etc.) in dishwasher.
Glass Shelves	• Soap and water • Glass cleaner • Mild liquid sprays	• Allow glass to warm to room temperature before immersing in warm water.
Toe Grille	• Soap and water • Mild liquid sprays • Vacuum attachment	• Vacuum dust from front of toe grille. • Remove toe grille (see Installation Instructions). • Vacuum backside and wipe with sudsy cloth or sponge. Rinse and dry.
Exterior & Handles	• Soap and water • Non abrasive glass cleaner	• Do not use commercial household cleaners containing ammonia, bleach or alcohol to clean handles. • Use a soft cloth to clean smooth handles. • Do not use a dry cloth to clean smooth doors.

Part	Cleaning agents	Tips and precautions
Exterior & Handles (Stainless Steel Models Only)	• Soap and water • Stainless steel cleaners	• **Never use CHLORIDE or cleaners with bleach to clean stainless steel.** • Clean stainless steel front and handles with non-abrasive soapy water and a dishcloth. Rinse with clean water and a soft cloth. • Use a non-abrasive stainless steel cleaner. These cleaners can be purchased at most home improvement or major department stores. Always follow manufacturer's instruction. Do not use household cleaners containing ammonia or bleach. • NOTE: Always clean, wipe and dry with grain to prevent scratching. • Wash the rest of the cabinet with warm water and mild liquid detergent. Rinse well and wipe dry with a clean soft cloth.

Holidays and moving

Occasion	Tips
Short holidays	• Leave refrigerator operating during vacations of 3 weeks or less. • Use all perishable items from refrigerator compartment. • Turn automatic ice maker off and empty ice bucket, even if you will only be gone for a few days.

Occasion	Tips
Long holidays	• Remove all food and ice if you will be gone one month or more. • Turn the cooling system off (see "Controls" section for location of **On/Off** button) and disconnect power cord. • Turn off automatic ice maker and turn water supply valve to closed position. • Clean interior thoroughly. • Leave both doors open to prevent odors and mold build-up. Block doors open if necessary.
Moving	• Remove all food and ice • If using handcart, load from side. • Adjust rollers all the way up to protect them during sliding or moving. • Pad cabinet to avoid scratching surface.

Something not working

Before you call...

If you experience a problem with your refrigerator or notice a product behavior or condition you do not understand, you can usually avoid a call to your service representative by referring to this section for an answer. Beginning with the following table, this information includes common problems, causes, and suggested solutions.

Problem	Cause	Correction
Running of refrigerator		
Compressor does not run	• Cooling system is turned Off.	• Turn cooling system On. See **CONTROLS** section for location of cooling system On/Off button.
	• Refrigerator is in defrost cycle.	• This is normal for a fully automatic defrost refrigerator. The defrost cycle occurs periodically, lasting about 30 minutes.
	• Plug at wall outlet is disconnected.	• Ensure plug is tightly pushed into outlet.

Problem	Cause	Correction
	• House fuse blown or tripped circuit breaker.	• Check/replace fuse with a 15 amp time-delay fuse. Reset circuit breaker.
	• Power outage.	• Check house lights. Call local electric company.
Refrigerator runs too much or too long	• Room or outside weather is hot.	• It's normal for the refrigerator to work longer under these conditions.
	• Refrigerator has recently been disconnected for a period of time.	• It takes 8-12 hours for the refrigerator to cool down completely.
	• Automatic ice maker is operating.	• Ice maker operation causes refrigerator to run slightly more.
	• Doors are opened too frequently or too long.	• Warm air entering the refrigerator causes it to run more. Open doors less often.
	• Refrigerator/freezer door may be slightly open.	• Ensure refrigerator is level. Keep food and containers from blocking door. See **PROBLEM** column **OPENING/CLOSING OF DOORS/DRAWERS** .
	• Freezer control is set too cold (control found in fresh food section).	• Set refrigerator control to warmer setting until refrigerator temperature is satisfactory. Allow 24 hours for temperature to stabilize.
	• Refrigerator/freezer gasket is dirty, worn, cracked, or poorly fitted.	• Clean or change gasket. Leaks in door seal will cause refrigerator to run longer in order to maintain desired temperatures.
Compressor goes off and on frequently.	• Electronic control system keeps the refrigerator at a constant temperature.	• This is normal. Refrigerator goes on and off to keep temperature constant.
Temperatures are too cold		
Freezer temperature too cold. Refrigerator temperature is satisfactory.	• Freezer control is set too cold.	• Set freezer control to a warmer setting. Allow 24 hours for temperature to stabilize.

Problem	Cause	Correction
Refrigerator temperature too cold. Freezer temperature is satisfactory.	• Refrigerator control is set too cold.	• Set refrigerator control to a warmer setting. Allow 24 hours for temperature to stabilize.
Food stored in drawers freezes.	• Refrigerator control is set too cold.	• See solution above.
Food stored in Meat Keeper freezes (some models).	• Meat Keeper Temperature Control is set too cold.	• Adjust Meat Keeper Temperature Control to a lower setting. Meat should be stored at a temperature just below the freezing point for maximum fresh storage time. It is normal for ice crystals to form due to the moisture content of meat.
Digital temperature displays are flashing.	• Electronic control system has detected a performance problem.	• Call your Local Service Force Centre , who can interpret any messages or number codes flashing on the digital displays.
Temperatures are too warm		
Freezer/Refrigerator temperature is too warm.	• Doors are opened too frequently or too long.	• Warm air enters the refrigerator whenever the door is opened. Open the door less often.
	• Door is slightly open.	• See **PROBLEM** column **OPENING/CLOSING OF DOORS/DRAWERS** .
Freezer temperature is too warm. Refrigerator temperature is satisfactory.	• Freezer control is set too warm.	• Set freezer control to a colder setting. Allow 24 hours for temperature to stabilize.
Refrigerator temperature is too warm. Freezer temperature is satisfactory.	• Refrigerator control is set too warm.	• Set refrigerator control to a colder setting. Allow 24 hours for temperature to stabilize.
Temperature in the Meat Keeper is too warm (some models).	• Meat Keeper Temperature Control is set too warm.	• Adjust Meat Keeper Temperature Control to a colder setting.
Water/moisture/frost inside refrigerator		
Moisture collects on inside of refrigerator walls.	• Weather is hot and humid.	• The rate of frost buildup and internal sweating increases.

Problem	Cause	Correction
	• Door is slightly open.	• See **PROBLEM** column **OPENING/CLOSING OF DOORS/DRAWERS** .
	• Door is opened too often or too long.	• Open door less often to allow internal temperature to stabilize.
	• Open containers.	• Keep containers covered.
Water collects on bottom side of drawer cover.	• Vegetables contain and give off moisture.	• It is not unusual to have moisture on the bottom side of the cover.
		• Move humidity control (some models) to lower setting.
Moisture collects in bottom of drawer.	• Washed vegetables and fruit drain while in the drawer.	• Dry items before putting them in the drawer. Water collecting in bottom of drawer is normal.
	• Fruits and vegetables are kept past their prime.	• Routinely clean out old fruits and vegetables especially if they begin to break down.
Water/moisture/frost outside refrigerator		
Moisture collects on outside of refrigerator or between doors.	• Weather is humid.	• This is normal in humid weather. When humidity is lower, the moisture should disappear.
	• Door is slightly open, causing cold air from inside refrigerator to meet warm air from outside.	• See **PROBLEM** column **OPENING/CLOSING OF DOORS/DRAWERS** .
Automatic ice maker		
Ice maker is not making any ice (some models).	• Ice maker power switch is Off.	• Turn on power switch.
	• Water supply is not connected to refrigerator.	• Connect water supply (see **INSTALLATION** section).
	• Household water line valve is not open.	• Turn on household water line valve.
	• Freezer is not cold enough.	• See **PROBLEM** column **TEMPERATURES ARE TOO WARM** .

Problem	Cause	Correction
	• Valve on cold water pipe is clogged or restricted by foreign material. If valve is of the self-piercing type, it may not have created a sufficiently sized hole in tube for water to pass through.	• Turn off household water line valve. Remove valve. Ensure that valve is not a self-piercing valve. Clean valve. Replace valve if necessary.
	• Check to see if water dispenser is dispensing water.	• If not, the ice & water filter cartridge is clogged or restricted, and must be replaced.
	• Water filter is not completely seated.	• Push firmly until the water filter snaps into place (you should hear two clicks).
Ice maker is not making enough ice.	• Ice maker is producing less ice than you expect.	• Ice maker should produce approximately 1.8 to 2.7 kg of ice every 24 hours. **Fast ice** should produce up to 2.7 kg of ice every 24 hours.
	• Freezer is not cold enough.	• See **PROBLEM** column **TEMPERATURES ARE TOO WARM** .
	• Household water line valve is not completely open.	• Turn on household water line valve.
	• Check to see if water dispenser is dispensing slower than normal.	• If it is, replace the ice and water filter cartridge.
Ice maker will not stop making ice.	• Ice maker wire signal arm is being held down by some item in the freezer.	• Move item and release wire signal arm. Remove any ice cubes that are frozen together over the wire signal arm.
Ice maker is not separating the ice cubes.	• Ice cubes are not being used frequently enough.	• Remove and shake ice container to separate cubes.
	• Ice cubes are hollow or smaller than normal.	• The ice and water filter cartridge may be clogged. Replace filter cartridge.
Ice has bad odor and taste.	• Ice has picked up odor or flavor from strong food stored in refrigerator or freezer.	• Cover foods tightly. Discard stale ice. Ice maker will produce fresh supply.
	• Ice not used frequently enough.	• Discard stale ice.

Problem	Cause	Correction
Ice dispenser		
Dispenser will not dispense ice.	• Water supply is not connected.	• Connect water supply (see **CONNECTING THE WATER SUPPLY** section).
	• Ice storage container is empty.	• Ensure ice maker is turned on. When the first supply of ice is dropped into the container, the dispenser should operate.
	• Freezer temperature is set too warm.	• Turn freezer control to a higher setting so that ice cubes will be made. When first supply of ice is made, dispenser should operate.
	• Household water line valve is not open.	• Open household water line valve. Allow sufficient time for the ice to be made. When ice is made, the dispenser should operate.
	• Freezer door is not closed.	• Ensure freezer door is closed.
	• Ice dispensing arm has been held in for more than 4-5 minutes.	• Motor is overloaded. Motor over load protector will reset in approximately 3 minutes. Ice can then be dispensed.
Ice dispenser is jammed.	• Ice has melted and frozen around auger due to infrequent use, temperature fluctuations, and/or power outages.	• Remove ice container, thaw, and empty the contents. Clean container, wipe dry, and replace in proper position. When new ice is made, dispenser should operate.
	• Ice cubes are jammed between ice maker and back of ice container.	• Remove ice cubes that are jamming the dispenser.
	• Ice cubes are frozen together.	• Use the dispenser often so that cubes do not freeze together.

Problem	Cause	Correction
	• Ice cubes are hollow or smaller than normal.	• The ice and water filter cartridge could be clogged. Replace the filter cartridge. Dispensing system operates best at 210 kPa (2.1 bar) - 690 kPa (6.9 bar) water pressure. Well water pressures should fall within this range.
Water dispenser		
Dispenser will not dispense water.	• Water supply not connected.	• Connect water supply (see **CONNECTING THE WATER SUPPLY** section).
	• Household water line valve is not open.	• Open household water line valve. See **PROBLEM** column **ICE MAKER IS NOT MAKING ANY ICE.**
	• Freezer door is not closed.	• Ensure that freezer door is closed.
	• Ice and water filter cartridge is clogged.	• Replace filter cartridge.
	• Front filter not fully installed, if equipped.	• Push filter in until you hear two "clicks". Filter should be flush with cabinet.
Water has an odd taste and/ or odor.	• Water has been in the tank for a period of time.	• Draw and discard 10-12 glasses of water to freshen the supply and completely rinse out the tank.
	• Unit not properly connected to cold water line.	• Connect unit to cold water line that supplies water to the kitchen faucet.
	• Tubing used in the household water supply and installation may affect water taste and odor.	• For best results, use copper tubing for water connections.
	• Water has a high mineral content.	• Contact water treatment plant for help.
Water pressure is extremely low.	• Cut-off and cut-on pressures are too low (well systems only).	• Have someone turn up the cut-off and cut-on pressure on the water pump system (well systems only).

Problem	Cause	Correction
	• Reverse osmosis system is in regenerative phase.	• It is normal for a reverse osmosis system to be below 1.38 bar during the regenerative phase.
Odors in refrigerator		
Interior is dirty	• Interior needs to be cleaned.	• See **Care & Cleaning Chart** in **Care & Cleaning** section.
	• Food with strong odors is in refrigerator.	• Cover food tightly.
Opening/closing of doors/drawers		
Door(s) will not close	• Door was closed too hard, causing other door to open slightly.	• Close both doors gently.
	• Refrigerator is not level. It rocks on the floor when moved slightly.	• Ensure floor is level and solid, and can adequately support the refrigerator. Contact a carpenter to correct a sagging or sloping floor.
	• Refrigerator is touching a wall or cabinet.	• Ensure floor is level and solid, and can adequately support the refrigerator. Contact a carpenter to correct a sagging or sloping floor.
Drawers are difficult to move	• Food is touching shelf on top of drawer.	• Keep less food in drawer.
	• Track that drawers slide on is dirty.	• Clean drawer, rollers, and track. See **Care & Cleaning Chart** in **Care & Cleaning** section.
Light bulb is not on		
Light bulb is not on	• Light bulb is burned out.	• See **REPLACING LIGHT BULBS** in **Care & Cleaning** section.
	• Freezer light switch is stuck.	• Release light switch located inside freezer compartment.
	• No electric current is reaching refrigerator.	• See **PROBLEM** column **RUNNING OF REFRIGERATOR** .

Problem	Cause	Correction
	• Control system has disabled lights because one or both doors were left open too long.	• Close and reopen door(s) to enable lights.

Repairs - after sales service

If your oven is not performing satisfactorily; consult the fault finding guides within this instruction book (Something not working). If a fault occurs which you can not resolve through following the advice and information contained within this instruction manual, the next step is to contact our extended warranty administrators on

0870 010 7887

They will give you details for your local Service Force Centre.
Before calling out an engineer, please ensure you have read the details under the heading "Something Not Working". When you contact your local Service Force Centre you will need to give the following details:

1. Your name, address and post code
2. Your telephone number
3. Clear and concise details of fault
4. The purchase date as found on your receipt
5. The model and serial number of the appliance (found on the rating plate) So that you always have these numbers at hand, we recommend you to make a note of them here:

- Mod.....
- P.N.C.....
- S.N.....

Your oven is covered by a 3 year parts and labour guarantee (see separate details given at point of sale).
Please retain your purchase receipt safely for the service engineer to verify the purchase details.

Spare parts

This oven should be serviced by any authorised service engineer; and only genuine spare parts should be used.
Under no circumstances should you attempt to repair the oven yourself.
Repairs carried out by inexperienced persons may cause injury or serious malfunctioning.
Contact our extended warranty administrators on

0870 010 7887

who will give you details for your Service Force repair agent.

John Lewis Partnership
171 Victoria Street
London SW1E 5NN
www. johnlewis.com

242000200-00-032009