



APPENDIX H

: USER'S MANUAL



OWNER'S MANUAL

BUILT-IN REFRIGERATOR

Read this owner's manual thoroughly before operating the appliance and keep it handy for reference at all times.

ENGLISH



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IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

Safety Messages

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and follow all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or injure you and others. All safety messages will follow the safety alert symbol and either the word **WARNING** or **CAUTION**.

These words mean:



WARNING

You may be killed or seriously injured if you do not follow instructions.



CAUTION

You may be injured or cause damage to the product if you do not follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what may happen if the instructions are not followed.

WARNING



WARNING

- To reduce the risk of explosion, fire, death, electric shock, scalding or injury to persons when using this product, follow basic precautions, including the following:

Installation

- To avoid a hazard due to instability of the appliance, it must be fixed in accordance with the instructions.

Operation

- This appliance is intended to be used in household and similar applications such as:
 - staff kitchen areas in shops, offices and other working environments;
 - farm houses and by clients in hotels, motels and other residential type environments;
 - bed and breakfast type environments;
 - catering and similar non-retail applications.
- This product is not to be used for special purposes such as the storage of medicine or test materials or for use on ships, etc.
- DO NOT allow children to climb, stand, or hang on the refrigerator doors or on the shelves in the refrigerator. They could damage the refrigerator and seriously injure themselves.
- Do not allow children to climb into the refrigerator. They could be trapped and suffocated.
- Children should be supervised to ensure that they do not play with the refrigerator.
- Keep fingers out of pinch point areas; clearances between the doors and cabinets are necessarily small. Be careful closing doors when children are nearby.

4 IMPORTANT SAFETY INSTRUCTIONS

- Do not touch frozen food or the metal parts in the freezer compartment with wet or damp hands. Doing so may cause frostbite.
- Do not refreeze frozen food that has thawed completely. Doing so may result in a serious health hazard.
- Do not use an adapter plug or plug the power plug into a multi-outlet extension cord.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Do not operate the refrigerator or touch the power cord with wet hands.
- Do not modify or extend the power cord.
- Do not use an uncertified power outlet. Do not plug appliance into a damaged wall outlet.
- Do not put hands, feet or other objects into the air vents or bottom of the refrigerator. Doing so could result in personal injury or electric shock.
- In the event of a gas leak (propane/LPG), ensure the area is adequately ventilated and contact an authorized service center before resuming use. Do not touch the refrigerator or power button of the refrigerator.
- Turn off power to the appliance immediately and contact an authorized service center if there is a strange noise, odor, or smoke coming from the appliance.
- Do not use any fuse (such as copper, steel wire, etc.) other than a standard fuse.
- Do not place or use an electrical appliance inside the refrigerator, unless it is of a type recommended by the manufacturer.
- Do not put animals inside the appliance.
- Do not place heavy or fragile objects, liquid filled containers, combustible substances, or flammable objects (such as candles and lamps) on the appliance.
- If connected to a circuit protected by fuses, use time delay fuse.
- 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.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Do not damage the refrigerant circuit.
- An individual properly grounded branch circuit or circuit breaker must be used in case of requiring disconnect after installation.
- This appliance incorporates an earth connection for functional purposes.

Maintenance

- Do not use a hair dryer to dry the inside of the refrigerator.
- Do not light a candle to remove odors in the refrigerator.
- In the event of a refrigerant leak, move flammable objects away from the refrigerator. Ensure the area is adequately ventilated and contact an authorized service center.
- Keep flammable materials and vapors, such as gasoline, away from the refrigerator.
- This appliance is intended to be used in household and similar applications such as staff kitchen areas in shops, offices and other working environments; farm houses and by clients in hotels, motels and other residential type environments; bed and breakfast type environments; catering and similar non-retail applications.
- Turn off power before cleaning or repairing the refrigerator.
- The refrigerator and freezer compartment lights are interior LED lighting, and service should be performed by a qualified technician.

- Turn off power immediately in the event of a blackout or thunderstorm.
- Turn the power off if water or dust penetrates into the refrigerator. Call a service agent.
- Do not store glass containers or soda in the freezer compartment. Contents may expand when frozen, break the container and cause injury.
- Do not store, disassemble or repair the appliance yourself or allow unqualified personnel to do so.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- If the electrical supply cord is damaged, it must only be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.

Disposal

- Junked or abandoned refrigerators are dangerous, even if they are sitting for only a few days. When disposing of the refrigerator, remove the packing materials from the door or take off the doors but leave the shelves in place so that children may not easily climb inside.
- If disposing of a refrigerator, make sure the refrigerant and insulation foam are removed for proper disposal by a qualified servicer. If you release the refrigerant or throw away the insulation foam, you may be fined or imprisoned in accordance with the relevant environmental law. Insulation foam contains flammable blowing gas.
- The refrigerant and insulation blowing gas used in the appliance require special disposal procedures. When disposing, please consult with service agent or a similarly qualified person.

Grounding Instructions

- Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service personnel if you are in doubt whether the appliance is properly grounded. Do not modify the plug provided with the appliance; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.
- Have a certified electrician check the wall outlet and wiring for proper grounding.

Risk of Fire and Flammable Materials



This appliance contains a small amount of isobutane refrigerant (R600a), which is combustible. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged. Refrigerant squirting out of the pipes could ignite or cause an eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and air out the room in which the appliance is standing for several minutes.

In order to avoid the creation of a flammable gas air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used. The room must be 10.8 square feet (1 square meter) in size for every 8g of R600a refrigerant inside the appliance. The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance. Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.

CAUTION

CAUTION

- To reduce the risk of minor or moderate injury to persons, malfunction, or damage to the product or property when using this product, follow basic precautions, including the following:

Installation

- Do not install the refrigerator where there may be a danger of the unit falling.
- The refrigerator must be properly installed in accordance with the Installation Instructions.
- Do not connect this appliance to a GFCI (Ground Fault Circuit Interrupter) outlet. If the appliance is connected to a GFCI outlet, the outlet's circuit breaker could be tripped. If this problem occurs, reset the GFCI outlet's circuit breaker. If the problem continues, contact a qualified electrician and replace the GFCI outlet with a non-GFCI outlet.

Operation

- Do not use aerosols near the refrigerator.
- This appliance is intended to be used only in domestic and similar applications.
- Do not strike or apply excessive force to any glass surface. Do not touch glass surfaces if they are cracked or broken.
- Do not overfill or pack items too tightly into door bins. Doing so may cause damage to the bin or personal injury if items are removed with excessive force.
- Do not overfill the appliance with food. Doing so may cause personal injury or property damage.

Maintenance

- Do not use strong detergents like wax or thinners for cleaning. Clean with a soft cloth.
- Remove foreign objects (such as dust and water) off the prongs of the power plug and contact areas. Do not use a wet or damp cloth when cleaning the plug.
- Do not spray water directly on the inside or outside of the appliance.
- Do not clean glass shelves or covers with warm water when they are cold. They may break if exposed to sudden temperature changes.

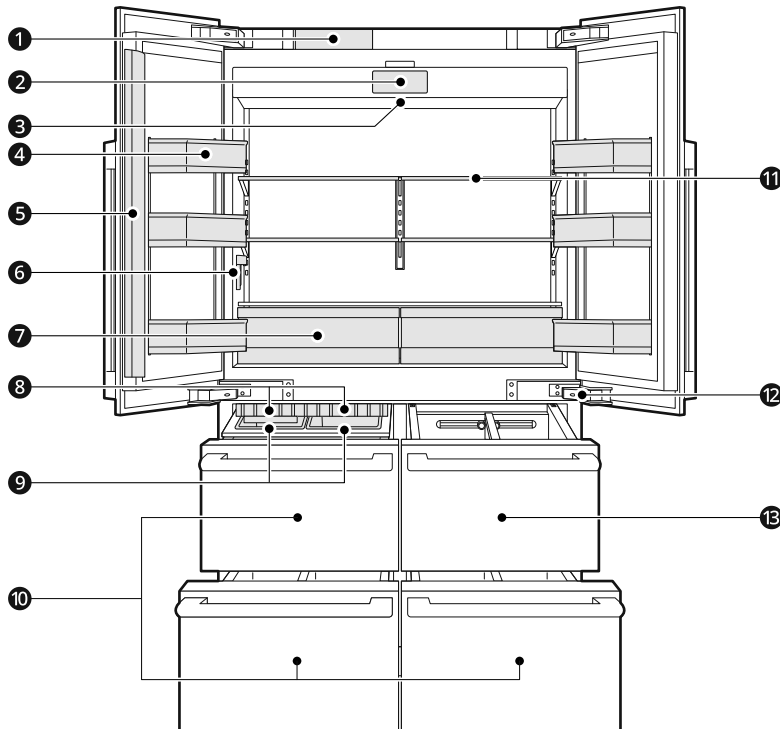
SAVE THESE INSTRUCTIONS

PRODUCT OVERVIEW

Product Features

The images in this guide may be different from the actual components and accessories, which are subject to change by the manufacturer without prior notice for product improvement purposes.

Interior



❶ Water filter

Purifies water.

NOTE

- The water filter should be replaced every 6 months.
- See the **Replacing the Water Filter** section in this manual for details.

❷ Control Panel

Sets the refrigerator temperature and freezer temperature, the water filter condition.

❸ LED Interior Lighting

Lights up the inside of the refrigerator.

❹ Movable Door Bin

Store chilled food or drinks.

❺ Door Mullion

Prevents the cold air in the refrigerator from escaping when the doors are closed.

⚠ CAUTION

- To reduce the risk of scratching the door or breaking the center door mullion, make sure that the folding door mullion is folded in before closing the left-hand door.
 - The door alarm will sound every 30 seconds if the door remains open longer than one minute.
-

⑥ Water Dispenser

Dispenses purified water.

⑦ Crisper

Helps vegetables and fruit to stay crisp.

⑧ Automatic Icemaker (Freezer)

Dispenses ice automatically.

⑨ Ice Bin

Stores ice from the freezer icemaker.

⑩ Freezer Drawer

Frozen food compartment.

⑪ Adjustable Refrigerator Shelf

The refrigerator shelves are adjustable to meet individual storage needs.

⑫ Auto-Closing Hinge

The refrigerator doors and freezer drawers close automatically when pushed slightly. (The door only closes automatically when it is open at an angle of less than 30°.)

⑬ Convertible Drawer

Variable temperature storage that can be set either colder or warmer than the refrigerator.

⚠ CAUTION

- The door alarm will sound every 30 seconds if the door remains open longer than one minute.
-

Product Specifications

The appearance and specifications listed in this manual may vary due to constant product improvements.

Electrical requirements: 115 V, 60 Hz

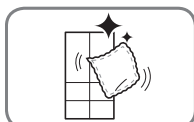
Min. / Max. water pressure: 20 - 120 psi (138 - 827 kPa)

Model	Description	Net weight
SKSFD4826P	Built-in, Refrigerator	483 lb (219 kg)

OPERATION

Before Use

Checklist

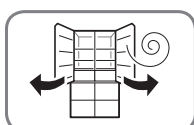


Clean the refrigerator.

Clean the refrigerator thoroughly and wipe off all dust that accumulated during shipping.

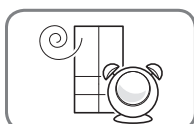
⚠ CAUTION

- Do not scratch the refrigerator with a sharp object or use a detergent that contains alcohol, a flammable liquid or an abrasive when removing any tape or adhesive from the refrigerator. Remove adhesive residue by wiping it off with your thumb or dish detergent.
- Do not peel off the model or serial number label or the technical information on the rear surface of the refrigerator.



Open refrigerator doors and freezer drawers to ventilate the interior.

The inside of the refrigerator may smell like plastic at first. Remove any adhesive tape from inside the refrigerator and open the refrigerator doors and the freezer drawers for ventilation.

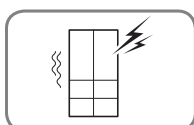


Wait for the refrigerator to cool.

Allow the refrigerator to run for at least two to three hours before putting food in it. Check the flow of cold air in the freezer compartment to ensure proper cooling.

⚠ CAUTION

- Putting food in the refrigerator before it has cooled could cause the food to spoil, or a bad odor to remain inside the refrigerator.



The refrigerator makes a loud noise after initial operation.

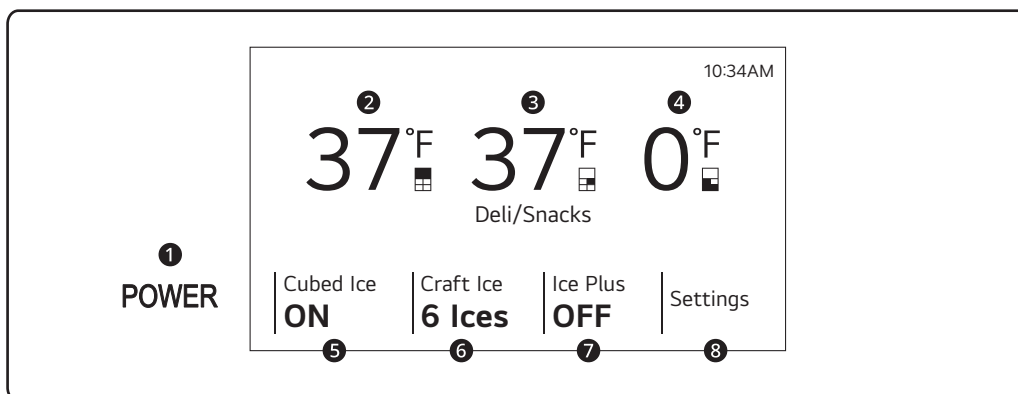
This is normal. The volume will decrease as the temperature decreases.

Control Panel

Depending on the model, some of the following functions may not be available.

The actual control panel may differ from model to model.

Control Panel Features



1 POWER

The **POWER** button turns off all electrical power to the unit.

Press and hold the **POWER** button for 3 seconds to turn off the power. When the power is off, the display is off. There is no need to turn off power at the circuit breaker or wall receptacle. Use this function for service or extended vacations.

2 Refrigerator Temperature

Indicates the set temperature of the refrigerator compartment in Celsius (°C) or Fahrenheit (°F). The default refrigerator temperature is 37 °F (3 °C). Press the temperature and then press **▲** / **▼** to select a new set temperature from 33 °F to 43 °F (1 °C to 7 °C).

3 Convertible Drawer Temperature

Variable temperature storage that can be set either colder or warmer than the refrigerator. Store **Meat/Seafood**(meat/seafood) at 30 °F (-1 °C), **Cold Drinks**(cold drinks) at 33 °F (1 °C), **Deli/Snacks**(deli/snacks) at 37 °F (3 °C), or **Chilled Wine**(chilled wine) at 41 °F (5 °C).

To use the convertible drawer as a freezer, press **▼** repeatedly to select **Freezer**. For example, if the freezer is set to 0 °F (-18 °C), then 0 °F (-18 °C) automatically appears in the display.

Once the convertible drawer is set to freezer mode, its temperature matches the freezer temperature. Changing the freezer temperature automatically changes the drawer temperature.

4 Freezer Temperature

Indicates the set temperature of the freezer compartment in Celsius (°C) or Fahrenheit (°F). The default freezer temperature is 0 °F (-18 °C).). Press the temperature and then press **▲** / **▼** to select a new set temperature from - 7 °F to 5 °F (-23 °C to -15 °C).

NOTE

- To change the temperature mode from °F to °C (or vice versa), press **Settings** and then press **Temperature Unit**.
- The displayed temperature is the target temperature, and not the actual temperature of the refrigerator. The actual refrigerator temperature depends on the food inside the refrigerator.

5 Cubed Ice

Press **ON** or **OFF** under the **Cubed Ice** to turn the **Cubed Ice** icemaker on/off.

6 Craft Ice

Press **Craft Ice** to select between the **3 Ice**, **6 Ice** and **Off** modes.

- To turn off the **Craft Ice** icemaker, select the **Off** mode.
- To turn on the **Craft Ice** icemaker, select the **3 Ice** or **6 Ice** mode.

NOTE

- For more ice, select the **6 Ice** mode. For clearer ice, select the **3 Ice** mode.

7 Ice Plus

This function increases both ice making and freezing capabilities.

- Press **OFF** under the **Ice Plus** to turn on the **Ice Plus** mode and activate the function for 24 hours. The function automatically shuts off after 24 hours.
- Stop the function manually by pressing **ON** under the **Ice Plus**.

8 Settings

Adjust settings after the initial setup.

- List of Settings

Water Filter, Wi-Fi, Control Lock, Temperature Unit, Date, Time, Clock Theme, Brightness, Smart Grid, Sabbath, Smart Diagnosis™, Service Call

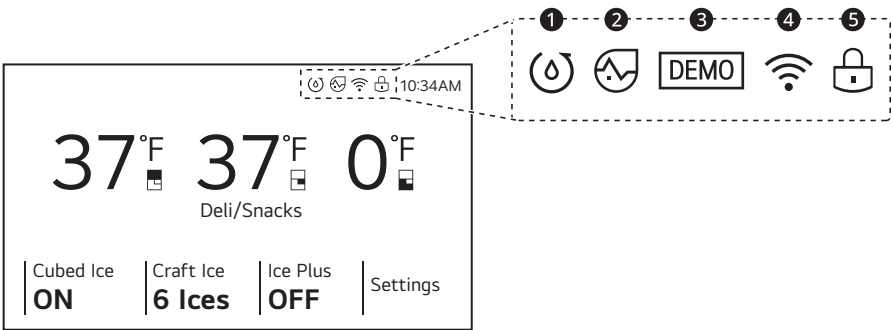
NOTE

Demo Mode (For Store Use Only)

- The **Demo Mode** disables all cooling in the refrigerator and freezer sections to conserve energy while on display in a retail store.
 - To deactivate/activate:
Press **Settings** and then press **Brightness**. Tap the upper right corner of the screen 15 times. Then "**Demo mode is off**" pops up and the Demo Mode icon disappears on the right top of the screen. Use the same procedure to activate Demo Mode.

Display Icons

Icons appear in display when activated.



	1 Water filter Appears when water filter need to replace
 Grid	2 Smart Grid • Appears when Smart Grid function is on • Appears when the refrigerator is responding to a Demand Response (DR) message from the electric company

12 OPERATION

	3 Demo Mode (For Store Use Only) Appears when Demo Mode is on
	4 Wi-Fi Appears when the refrigerator is connected to Wi-Fi
	5 Screen Lock Appears when Screen Lock is on

Getting Started

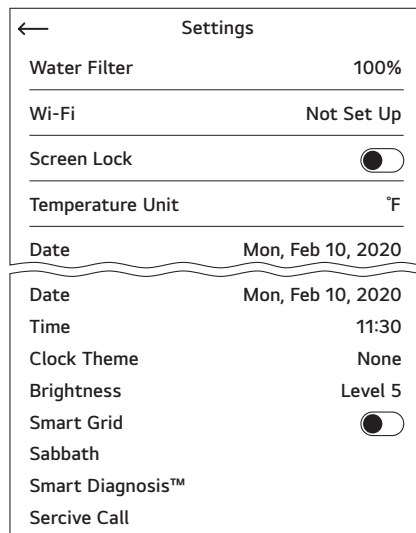
After turning on the refrigerator for the first time, adjust the settings to suit your preferences.

- 1** Set the **Date**(date). Then press **NEXT**.
- 2** Set the **Time**(time). Then press **NEXT**.
- 3** Select the **Clock Theme**(clock theme). Then press **NEXT**.
- 4** The main screen appears in the display.

Settings

To adjust settings after the initial setup, press **Settings** at the right bottom of the main screen.

Swipe the screen to navigate through the Settings screens.



Water Filter

The remaining filter life will be displayed as a percentage from 100% to 0%. Reset the filter life after replacing the water filter.

Reset the Filter Life

- 1** Press **Settings** at the right bottom of the main screen. The remaining filter life appears.

- 2 To replace the water filter, refer to **Replacing the Water Filter**.
- 3 Press **RESET** after replacing the water filter.
- 4 The remaining filter life changes to 100%.

Wi-Fi

Connect the appliance to a home Wi-Fi network to use smart functions. See the **Smart Functions** section for more details.

Setting Up Wi-Fi

- 1 Press **Settings** at the right bottom of the main screen and then press **Wi-Fi**.
- 2 Press **Set Up Wi-Fi**.
- 3 Follow the instructions on the display.
- 4 If Wi-Fi is connected, the Wi-Fi icon  appears at the top of the display.
 - If Wi-Fi status is **Disconnected**, press **Wi-Fi** and then press **Reset Wi-Fi** and follow the instructions again.

Screen Lock

The Screen Lock feature automatically prevents controls from being turned on.

Lock

- 1 Press **Settings** at the right bottom of the main screen.
- 2 Turn on the toggle switch of Screen Lock.
- 3 When Screen lock is turned on, the lock icon  appears at the top of the display.

Unlock

- 1 Press any part of screen while Screen Lock is on.
- 2 A popup screen appears. Press **Unlock** for 3 seconds.
- 3 The lock icon disappears from the top of the display.

Temperature Unit

Set the temperature display to show either Fahrenheit or Celsius units.
The refrigerator defaults to Fahrenheit unless changed by the user.

Setting Temperature Units

- 1 Press **Settings** at the right bottom of the main screen and then press **Temperature Unit**.
- 2 Select °F or °C.

Date & Time

The date and time are displayed on the screen when setting the clock theme to **Time and Date**.

Setting Date

- 1 Press **Settings** at the right bottom of the main screen and then press **Date**.
- 2 Press **^** / **v** to set the correct date.
- 3 Press back(←) to apply.

Setting Time of Day

- 1 Press **Settings** at the right bottom of the main screen and then press **Time**.
- 2 Set **Time Format**, **Current Time** or **Daylight Saving Time**.
 - **Time Format**
 - Select either a 12-hour or 24-hour clock mode (12H/24H).
 - **Current Time**
 - Set the correct hour and minutes.
 - If Wi-Fi is connected, the current time is set to **Auto**.
 - **Daylight Saving Time**
 - When the function is on, one hour is added to the original time.
- 3 Press back(←) to apply.

Clock Theme

The default setting is **None**. It shows the main screen on the display.

- 1 Press **Settings** at the right bottom of the main screen and then press **Clock Theme**.
- 2 Select a clock theme and press **OK**.

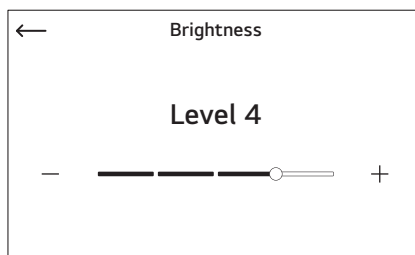
Brightness

Adjust the brightness of the LCD display from Level 1 to 5.

Setting Display Brightness

- 1 Press **Settings** at the right bottom of the main screen and then press **Brightness**.

- 2 Adjust the display brightness by pressing and dragging the dot across the bar, by tapping anywhere on the bar, or by pressing **+** or **−**.



Smart Grid

The Smart Grid function is only available if your electric utility company supports the function.

Setting Smart Grid

- 1 Press **Settings** at the right bottom of the main screen and then press **Smart Grid**.
- 2 Turn on the toggle switch of **Use Smart Grid**.

NOTE

- The function automatically turns on when the refrigerator is connected to the Wi-Fi network.
- When the function is on and the refrigerator receives a Demand Response (DR) signal from the utility company, **Cancel responding**(Cancel responding) is activated. To disconnect the Demand Response (DR) signal, press **Cancel responding**.

Smart Diagnosis™

Smart Diagnosis™ can be run through a smartphone application or by calling for support.

Use Smart Diagnosis

- 1 Press **Settings** at the right bottom of the main screen and then press **Smart Diagnosis**.
- 2 Press **START**.

Service Call

Service Call provides warranty service and additional information.

Press **Settings** at the right bottom of the main screen and then press **Service Call**.

Sabbath Mode

This feature is only available on some models.

Using the Sabbath Mode

Sabbath mode is used on the Jewish Sabbath and Holidays.

- To turn Sabbath mode on, press **Settings** and then press **Sabbath**. Press **START**.
- To turn Sabbath mode off manually, press any part of screen and press **OK**.

NOTE

- Sabbath mode automatically turns off after 96 hours.
- Once turned on, Sabbath mode is maintained even after a power outage.
- Selecting Sabbath mode automatically turns off the light and alarm functions.
- The dispenser and icemaker are disabled in Sabbath mode, on applicable models.

Water Dispenser

⚠ WARNING

- Connect to a potable water supply only.

Before Using the Water Dispenser

⚠ CAUTION

- Keep children away from the dispenser. Children may play with or damage the controls.
- If water dispenses unexpectedly, turn off the water supply and contact a SIGNATURE KITCHEN SUITE Customer Information Center.
- After installation, dispense 2.5 gallons of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system.
- Never use a glass that is exceptionally narrow or deep.
- Do not hang on to or place heavy objects on the refrigerator's dispenser.

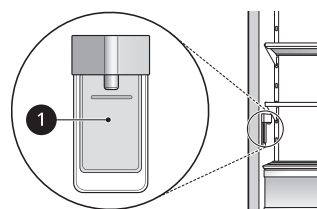
NOTE

- The first water dispensed may include particles or odor from the water supply line or the water tank. This is also necessary if the refrigerator has not been used for a long time.

- Some dripping may occur after dispensing. Hold the cup beneath the dispenser for a few seconds after dispensing to catch all of the drops.
- Keep containers at an appropriate distance from the dispenser. A container with a very small opening should be held as close to the dispenser as possible to avoid spilling.

Using the Water Dispenser

Press the dispenser paddle **1** with a glass or other container to dispense water.



Automatic Icemaker

⚠ WARNING

- DO NOT place fingers in the automatic icemaker when the refrigerator is plugged in.
- Avoid contact with any moving parts of the ejector mechanism or with the heater that releases the ice cubes.
- Connect to a potable water supply only.

Before Using the Freezer Icemaker

⚠ CAUTION

- Keep hands and tools out of the ice compartment. Failure to do so may result in damage or personal injury.
- Throw away the first few batches of ice after installation. This is also necessary if the freezer has not been used for a long time.
- Never store beverage cans or other items in the ice bin for the purpose of rapid cooling. Doing so may damage the icemaker or the containers may burst.

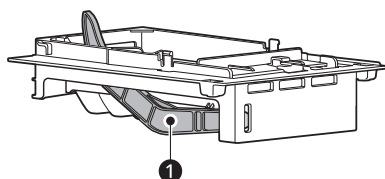
NOTE

- The icemaker begins producing ice approximately 12 hours after the appliance is initially installed.

- Throw away the first few batches of ice after installation.
- The sound of ice dropping into the ice bin is normal.
- If the ice bin is completely filled with ice, ice production will stop.
- The amount and shape of ice may vary according to the environment (ambient temperature around the appliance, frequency of the door being opened, amount of food stored in the appliance, water pressure, etc.).
- In the event of a power outage, throw away the ice stored in the ice bin.

Freezer Icemaker (Cubed Ice)

This feature is only available on some models.



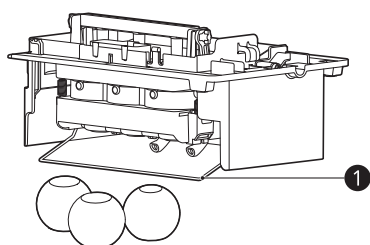
1 Feeler Arm

NOTE

- This automatic freezer icemaker produces 12 cubes at a time, 50-110 pieces within a 24 hour period if conditions are favorable. This amount may vary according to the environment (ambient temperature around the appliance, frequency of the door being opened, amount of food stored in the appliance, etc.).
- Ice cubes which are stored in the ice bin for a long time may clump together and be difficult to separate. If this happens, empty the ice bin completely and clean it before reinstalling it.

Freezer Icemaker (Craft Ice™)

This feature is only available on some models.



1 Feeler Arm

⚠ CAUTION

- Do not insert round ice into the in-door ice bin, as it can damage the ice and water dispenser.

NOTE

- The icemaker begins producing ice approximately 48 hours after the appliance is initially installed. The first batches of ice may not be round and clear.
- Following installation or water filter replacement, the first few batches of ice may be semicircular or contain air bubbles.
- If the water pressure is less than 20 psi (138 kPa) or a reverse osmosis system is used, the shape of the ice may vary.
- The ice may look cloudy depending on the water quality in the installation location and the operating conditions.
- Throw away any shards of ice you may find in the ice bin, as they may stick to the ice stored in the ice bin.
- After a short term power outage, it will take longer to make the first batch of ice, and the ice may not be round. If the power will be out for a longer period, throw away the ice stored in the ice bin.
- The **Craft Ice** icemaker produces 1 batch of round ice (3 pieces) at a time.
- In **3 Ice** mode, the **Craft Ice** icemaker produces 1 batch of round ice (3 pieces) about every 24 hours. In **6 Ice** mode, the **Craft Ice** icemaker produces 2 batches of round ice (6 pieces total) in the same period.
- For more ice, select the **6 Ice** mode. For clearer ice, select the **3 Ice** mode.
- The time needed to make ice may vary according to operating conditions.
- The ice bin stores 20 - 30 pieces of round ice.

Turning the Icemaker On/Off

To turn icemakers On/Off, refer to Control Panel in the Operation section.

Normal Sounds You May Hear

- Keeping the power turned on to the icemaker before the water line is connected can damage the icemaker.

18 OPERATION

- You will hear the sound of ice dropping into the bin and water running in the pipes as the icemaker refills.
- The icemaker water valve buzzes as the icemakers fill with water. If the icemakers are turned on, they will buzz even if they have not yet been hooked up to water.

To stop the buzzing:

- Turn icemakers off by referring to Control Panel in the Operation section.

Preparing for Vacation

Turn icemakers off and shut off the water supply to the refrigerator.

To turn the icemakers off, refer to Control Panel in the Operation section.

NOTE

- The ice bin should be emptied any time icemakers are turned Off.
-

If the ambient temperature will drop below freezing, have a qualified technician drain the water supply system to prevent serious property damage due to flooding caused by ruptured water lines or connections.

Storing Food

NOTE

- If you are leaving home for a short period, like a short vacation, the refrigerator should be left on.
 - If you are leaving the refrigerator turned off for an extended period, remove all food and unplug the power cord. Clean the interior, and leave the door open to prevent fungi from growing in the refrigerator.
 - If doors are opened or closed too often, warm air may penetrate the refrigerator and raise its temperature. This can increase the running costs of the unit.
-

Food Storage Tips

Wrap or store food in the refrigerator in airtight and moisture-proof material unless otherwise noted. This prevents food odor and taste transfer throughout the refrigerator. For dated products, check date code to ensure freshness.

CAUTION

- Do not overfill or pack items too tightly into door bins. Doing so may cause damage to the bin or personal injury if items are removed with excessive force.
 - Do not store glass containers in the freezer. Contents may expand when frozen, break the container and cause injury.
-

How to Store Food

- Butter or Margarine
 - Keep opened butter in covered dish or closed compartment. When storing an extra supply, wrap in freezer packaging and freeze.
- Cheese
 - Store in original wrapping until used. Once opened, rewrap tightly in plastic wrap or aluminum foil.
- Milk
 - Wipe milk cartons. For coldest milk, place containers on an interior shelf.
- Eggs
 - Store in original carton on interior shelf, not on door shelf.
- Fruit
 - Do not wash or hull fruit until it is ready to be used. Sort and keep fruit in original container in a crisper, or store in completely closed paper bag on refrigerator shelf.
- Leafy Vegetables
 - Remove store wrapping, trim or tear off bruised and discolored areas, wash in cold water, and drain. Place in plastic bag or plastic container and store in crisper.
- Vegetables with skins (carrots, peppers)
 - Place in plastic bags or plastic container and store in crisper.
- Fish
 - Freeze fresh fish and shellfish if they are not being eaten the same day purchased. Eating fresh fish and shellfish the same day purchased is recommended.
- Leftovers
 - Cover leftovers with plastic wrap or aluminum foil, or store in plastic containers with tight lids.

NOTE

- If you are leaving home for a short period, like a short vacation, the refrigerator should be left on.

Refrigerated foods that are able to be frozen will stay preserved longer if stored in the freezer.

- If you are leaving the refrigerator turned off for an extended period, remove all food and unplug the power cord. Clean the interior, and leave the door open to prevent fungi from growing in the refrigerator.
- Do not store food with high moisture content towards the top of the refrigerator. The moisture could come into direct contact with the cold air and freeze.
- Wash food before storing it in the refrigerator. Vegetables should be washed, and food packaging should be wiped down to prevent adjacent foods from being contaminated.
- If the refrigerator is kept in a hot and humid place, frequent opening of the door or storing a lot of vegetables in the refrigerator may cause condensation to form. Wipe off the condensation with a clean cloth or a paper towel.
- If the refrigerator door is opened or closed too often, warm air may penetrate the refrigerator and raise its temperature. This can increase the running costs of the unit.

Storing Frozen Food

Check a freezer guide or a reliable cookbook for further information about preparing food for freezing or food storage times.

Freezing

Your freezer will not quick-freeze a large quantity of food. Do not put more unfrozen food into the freezer than will freeze within 24 hours (no more than 2 to 3 pounds of food per cubic foot of freezer space). Leave enough space in the freezer for air to circulate around packages. Be careful to leave enough room at the front so the door can close tightly.

Storage times will vary according to the quality and type of food, the type of packaging or wrap used (how airtight and moisture-proof) and the storage temperature. Ice crystals inside a sealed package are normal. This simply means that moisture in the food and air inside the package have condensed, creating ice crystals.

NOTE

- Allow hot foods to cool at room temperature for 30 minutes, and then package and freeze. Cooling hot foods before freezing saves energy.

Packaging

Successful freezing depends on correct packaging. When you close and seal the package, it must not allow air or moisture in or out. If it does, you could have food odor and taste transfer throughout the refrigerator and could also dry out frozen food.

Packaging Recommendations

- Rigid plastic containers with tight-fitting lids
- Straight-sided canning/freezing jars
- Heavy-duty aluminum foil
- Plastic-coated paper
- Non-permeable plastic wraps
- Specified freezer-grade self-sealing plastic bags

Follow package or container instructions for proper freezing methods.

Do not use

- Bread wrappers
- Non-polyethylene plastic containers
- Containers without tight lids
- Wax paper or wax-coated freezer wrap
- Thin, semi-permeable wrap

Storing Food in the Convertible Drawer

Touch the temperature of the convertible drawer on the main screen and select the available temperature settings. For best results, see the below.

- -7 °F to 5 °F (-23 °C to -15 °C)
 - Frozen food
- 30 °F (-1 °C)
 - Meat and seafood
- 33 °F (1 °C)
 - Cold drinks
- 37 °F (3 °C)
 - Deli snacks
- 41 °F (5 °C)
 - Wine

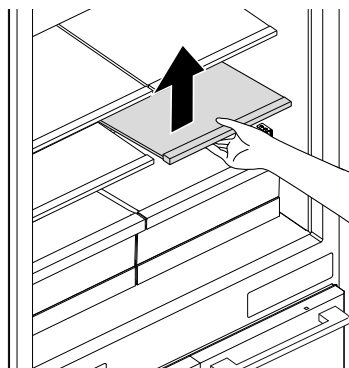
Crisper Drawers

Removing/Assembling the Crisper Drawers

For added room in the refrigerator compartment, remove the drawer supports and shelves.

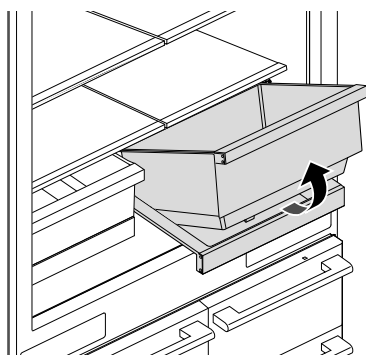
20 OPERATION

- 1 Lift up the glass at the front and pull the cover out.



- 2 Pull the crisper drawer out until it stops.

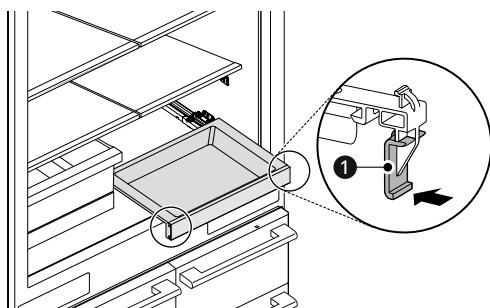
- 3 Lift the front of the drawer to remove it.



- 4 Remove the crisper drawer.

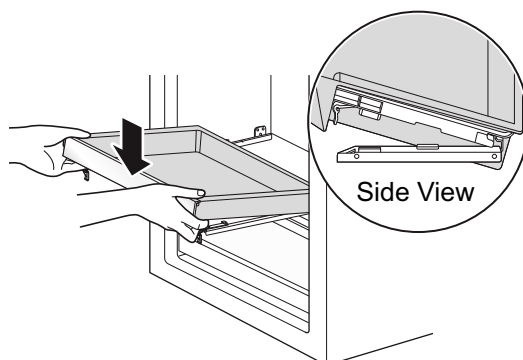
- 5 Pull the drawer frame out until it stops.

- 6 Press the release levers ① on either side of the drawer frame and pull out the drawer frame.



- 7 To assemble, pull the rail on which the drawer frame was placed until it stops.

- 8 Align the edges under the drawer base with the grooves on each rail, then lower the drawer base until it clicks into place.



- 9 Slightly tilt up the front, insert the crisper drawer and cover into the frame and push it back into place.

CAUTION

- Make sure that Crisper is level from one side to the other. Failure to do so may result in the Crisper falling or spilled food.
- Do not clean the Crisper glass with warm water while it is cold. Crisper may break if exposed to sudden temperature changes or impact.
- Crisper is heavy. Use special care when removing it.

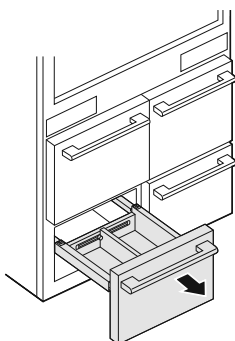
Freezer Drawers

Removing/Assembling the Freezer Drawers and Convertible Drawer

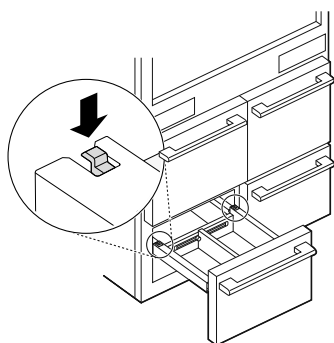
WARNING

- Use two or more people to remove and install the drawer.
- Be careful of sharp hinges on both sides of the drawer.
- When you lay the drawer down, be careful not to damage the floor.
- Do not sit or stand on the drawer.
- To prevent accidents, keep children and pets away from the drawer. Do not leave the drawer open.

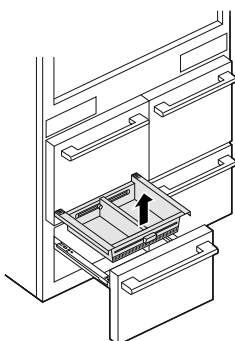
- 1 To remove, pull the drawer open to full extension.



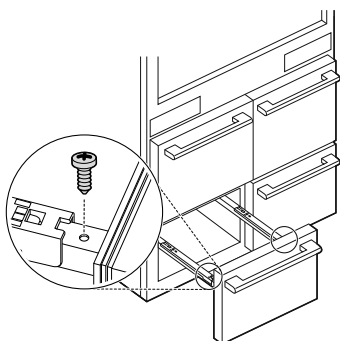
- 2** Push the button and disengage the stopper on either side.



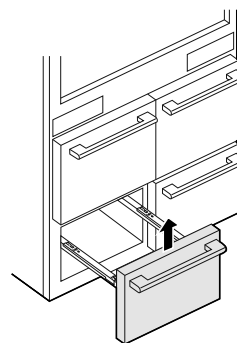
- 3** Lift the front of the basket up, then pull it straight out.



- 4** Remove the screws from the rails at both ends.



- 5** Grip both sides of the drawer and pull it up to remove it from the rails.

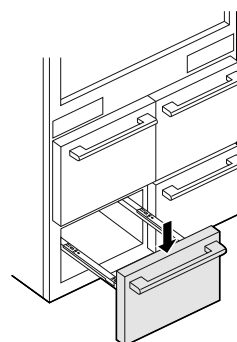


- 6** To assemble, pull out both rails simultaneously, until they are fully extended.

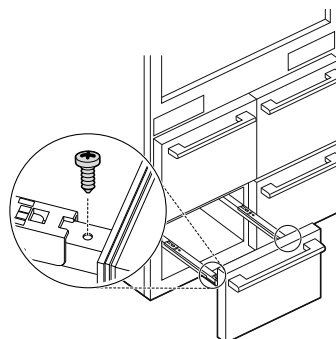
- 7** Grasp the drawer on each side and hook the drawer supports into the rail tabs located on both sides.

CAUTION

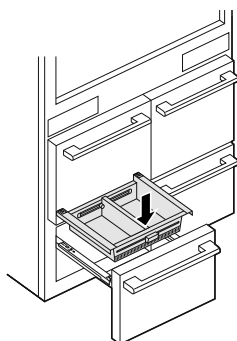
- Do not hold the handle when removing or replacing the drawer. The handle may come off, causing personal injury.



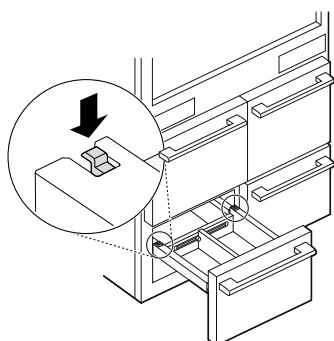
- 8** Lower the door into its final position and insert the screws in the rails on both sides.



- 9** Insert the basket into the frame.



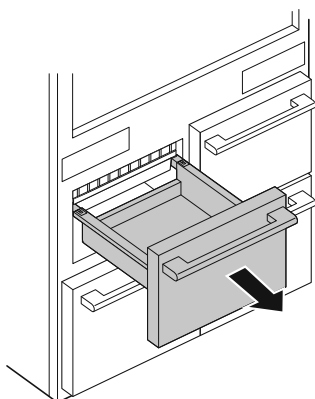
- 10** Push the button and engage the stopper on either side.



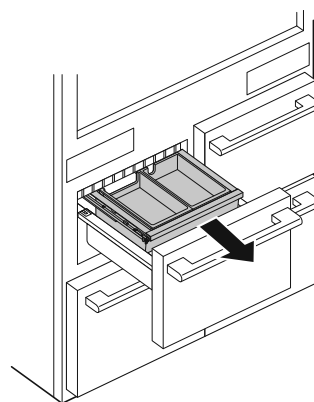
Removing/Assembling the Ice Bin Drawer

For added room in the freezer drawer, remove the ice bin drawer.

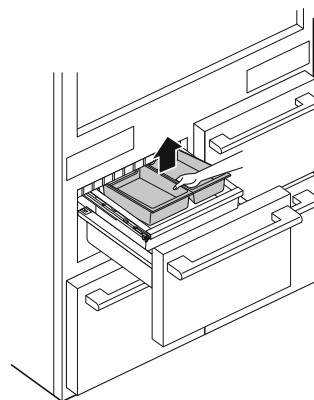
- 1** Pull the upper left freezer drawer open to full extension.



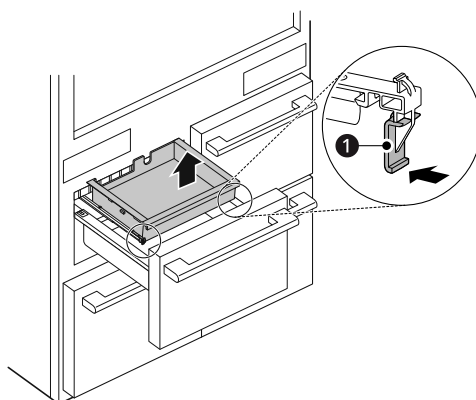
- 2** Pull the ice bin drawer out to full extension.



- 3** Gently lift and pull out the ice bins.



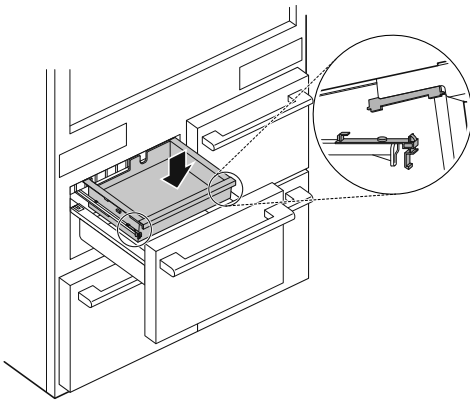
- 4** Press the release levers **1** on either side of the rail and pull out the ice bin drawer.



- 5** To assemble, pull out both rails simultaneously, until they are fully extended.

- 6** Grasp the ice bin drawer on each side and hook the drawer supports into the rail tabs located on both sides.

- 7** Lower the ice bin drawer into its final position.



- 8** Replace the ice bins in the drawer.

Shelves

Detaching/Assembling the Shelf

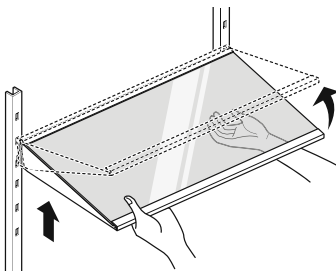
The shelves in the refrigerator are adjustable to meet individual storage needs.

Adjusting the shelves to fit items of different heights will make finding the exact item you want easier.

CAUTION

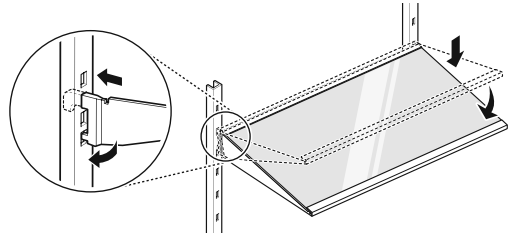
- Make sure that shelves are level from one side to the other. Failure to do so may result in the shelf falling or spilled food.
- Do not clean glass shelves with warm water while they are cold. Shelves may break if exposed to sudden temperature changes or impact.
- Glass shelves are heavy. Use special care when removing them.

- 1** To detach, tilt up the front of the shelf and lift the shelf straight up.
- 2** Pull the shelf out.

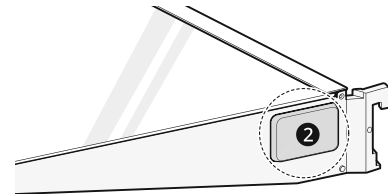
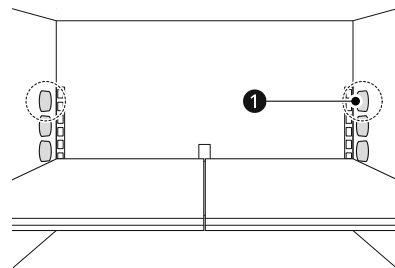


- 3** To assemble, tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height.

- 4** Lower the front of the shelf so that the hooks drop into the slots.



NOTE



- 1** Transmitter

- 2** Receiver

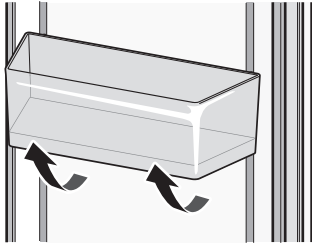
- Foreign objects and dirt between the shelf and the inner cabinet wall could prevent the shelf light from turning on.
- The shelf light turns on when the door is opened.
- The shelf light turns off after seven minutes or when the door is closed.

Door Bins

- Do not use the dishwasher to clean the storage bins and shelves.

Using Door Bins

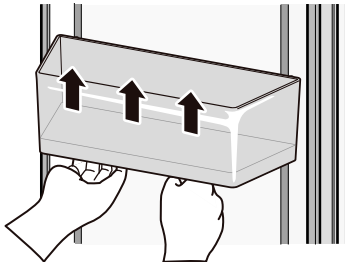
To adjust the bin position, hold the bottom of the bin at both ends and flip it up and down.



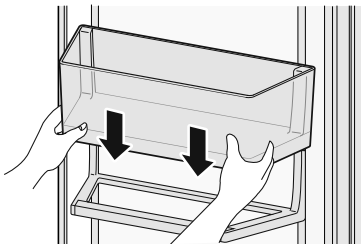
Detaching/Assembling the Door Bins

The door bins are removable for easy cleaning and adjustment.

- 1 To detach the door bins, hold the guide so that the bin can not move and tap the bottom of the bin 2 or 3 times.



- 2 To assemble the door bin, align both sides of the bin with the guides and push the bin down until it snaps into place.



⚠ CAUTION

- Regularly detach and wash the storage bins and shelves; they can become easily contaminated by food.
- Do not apply excessive force while detaching or assembling the storage bins.

SMART FUNCTIONS

SIGNATURE KITCHEN SUITE Application

This feature is only available on models with Wi-Fi.

The **SIGNATURE KITCHEN SUITE** application allows you to communicate with the appliance using a smartphone.

SIGNATURE KITCHEN SUITE Application Features

• Energy Monitoring

- This feature keeps track of the refrigerator's power consumption and the number of door openings.

• Push Messages

- If the door remains open for more than ten minutes, you will receive a push message. When Ice Plus is finished, you will receive a push message.

• Smart Diagnosis™

- This function provides useful information for diagnosing and solving issues with the appliance based on the pattern of use.

• Settings

- Allows you to set various options on the refrigerator and in the application.

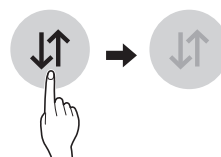
NOTE

- If you change your wireless router, Internet service provider, or password, delete the registered appliance from the **SIGNATURE KITCHEN SUITE** application and register it again.
- This information is current at the time of publication. The application is subject to change for product improvement purposes without notice to users.

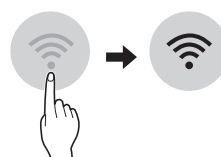
Before Using SIGNATURE KITCHEN SUITE Application

- 1 Use a smartphone to check the strength of the wireless router (Wi-Fi network) near the appliance.
 - If the distance between the appliance and the wireless router is too far, the signal becomes weak. It may take a long time to register or fail to install the application.

- 2 Turn off the **Mobile data** or **Cellular Data** on your smartphone.



- 3 Connect your smartphone to the wireless router.



NOTE

- To verify the Wi-Fi connection, check that the  icon on the control panel is lit.
- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- **SIGNATURE KITCHEN SUITE** is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- The surrounding wireless environment can make the wireless network service run slowly.
- If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
- The network connection may not work properly depending on the Internet service provider.
- The Wi-Fi may not connect or the connection may be interrupted because of the home network environment.
- If the appliance cannot be registered due to problems with the wireless signal transmission, turn off the router and wait about a minute before trying again.
- If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.
- The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
- Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.

NOTE

- If the security protocol of the router is set to **WEP**, network setup may fail. Change the security protocol (**WPA2** is recommended), and register the product again.

Installing the SIGNATURE KITCHEN SUITE Application

Search for the **SIGNATURE KITCHEN SUITE** application from the Google Play Store or Apple App Store on a smartphone. Follow instructions to download and install the application.

Connecting to Wi-Fi

The **Wi-Fi** function, when used with the **SIGNATURE KITCHEN SUITE** application, allows the appliance to connect to a home Wi-Fi network. The  icon shows the status of the appliance's network connection. The icon appears on the top of the display when the appliance is connected to the Wi-Fi network.

Initial Appliance Registration

Run the **SIGNATURE KITCHEN SUITE** application and follow the instructions in the application to register the appliance.

Re-registering the Appliance or Registering Another User

Press **Settings** at the right bottom of the main screen and then press **Reset Wi-Fi**. Run the **SIGNATURE KITCHEN SUITE** application and follow the instructions in the application to register the appliance.

NOTE

- To disable the Wi-Fi function, turn off the toggle switch of **Use Wi-Fi**. The  icon will be turned off.
- When the refrigerator is connected to a power source, the Wi-Fi module automatically turns on and searches for a Wi-Fi network. Even if the appliance is not connected to a Wi-Fi network in the app, the Wi-Fi module will periodically turn on, briefly search for a Wi-Fi network, and turn off.

Wireless LAN Module Specifications

Frequency Range	2412 MHz ~ 2462 MHz
Output Power (Max)	< 30 dBm

Wireless Power Transfer Specifications	
Frequency	330 kHz ~ 370 kHz
Rated voltage	DC 12 V
Delivered power	Less than and equal to 3 W per shelf
Transmission mode	Electromagnetic induction

FCC Notice

The following notice covers the transmitter module contained in this product.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Industry Canada Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

IC Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body.

NOTE

- THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Open Source Software Notice Information

To obtain the source code that is contained in this product, under GPL, LGPL, MPL, and other open

source licenses that have the obligation to disclose source code, and to access all referred license terms, copyright notices and other relevant documents, please visit <https://opensource.lge.com>.

SIGNATURE KITCHEN SUITE will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com.

This offer is valid to anyone in receipt of this information for a period of three years after our last shipment of this product.

Smart Grid Function

When the refrigerator operates in Smart Grid mode, the Smart Refrigerator function can control energy usage or delay the operation of some functions to save energy during peak usage periods.

- You can override the Smart Grid function at any time (using the **Smart Grid** button or application).
- To use the Smart Grid function, you need to register your application with your electric utility company, provided that, your electric utility company supports the function. In other words, the Smart Grid function will not be available if your electric utility company does not support the function or does not have the capability to support the function.

Smart Grid Application Features

- Smart Saving_Demand Response
 - You can lower energy usage based on Demand Response (DR) signals from the utility company. If the refrigerator is operating in Smart Saving mode according to the DR signal, you can see a pop up.
- Seasonal Energy Savings
 - Lower energy usage based on time period.

Using the Smart Grid Function

This feature responds to notification events from your utility company to run high energy consuming tasks during off-peak periods when demand is lower. These notification events are known as Demand Response signals.

If the refrigerator receives a Demand Response signal from the utility company, the refrigerator will turn on the Grid LED on the refrigerator display and control its power consumption

according to the signal. The refrigerator will respond to the signals received from the utility company as long as product performance is maintained.

If the refrigerator receives a Demand Response signal, the refrigerator will operate in Delay Appliance Load (DAL) or Temporary Appliance Load Reduction (TALR) mode.

Delay Appliance Load (DAL)

The refrigerator responds to a DAL signal by providing a moderate load reduction for the duration of the delay period.

This mode controls functions that consume a lot of energy such as adjusting the cooling system, running the defrost cycle, and making ice.

- When the refrigerator operates in DAL mode, the Grid LED is illuminated on the refrigerator display.
- DAL mode is automatically deactivated after the period stipulated by the DAL signal (max. 4 hours) or when you override the Smart Grid function.

Temporary Appliance Load Reduction (TALR)

The refrigerator responds to a TALR signal by aggressively reducing the load for a short time period, typically 10 minutes. This mode reduces energy consumption by stopping the compressor and controlling the functions that consume a lot of energy such as the defrost cycle and fan.

- When the refrigerator operates in TALR mode, the Grid LED is illuminated on the refrigerator display.
- TALR mode is automatically deactivated after the received duration (max. 10 minutes), or when you override the Smart Grid function. The mode is immediately deactivated and the refrigerator returns to its normal state when the door is opened or closed, or the dispenser is used.

Override Smart Grid Mode

To ignore the Demand Response signal from the utility company and override the Smart Grid function, push the Smart Grid button while the refrigerator is in Smart Grid mode.

When you override the Smart Grid function, the refrigerator ignores the Demand Response signal and is no longer controlled by the utility company until the next Demand Response signal is sent. You can also override the Smart Grid function using the smart phone app.

SIGNATURE KITCHEN SUITE Open API

You can manage Smart Grid features for the **SIGNATURE KITCHEN SUITE** Smart Refrigerator.

Please check the detailed specifications on the notice page on signaturekitchensuite.com.

API List

- Demand Response
 - Send demand response signal
- Power Saving
 - Set saving mode
 - Get schedule of DR/Delay Defrost
- Energy Monitoring
 - Get door open event
 - Get energy consumption
- Delay Defrost Capability
 - Insert a delay defrost schedule event
 - Update a delay defrost schedule event
 - Delete a delay defrost schedule event
 - Get the delay defrost schedule

Smart Diagnosis™ Feature

This feature is only available on models with the  or  logo.

Use this feature to help you diagnose and solve problems with your appliance.

NOTE

- For reasons not attributable to LGE's negligence, the service may not operate due to external factors such as, but not limited to, Wi-Fi unavailability, Wi-Fi disconnection, local app store policy, or app unavailability.
 - The feature may be subject to change without prior notice and may have a different form depending on where you are located.
-

Using SIGNATURE KITCHEN SUITE to Diagnose Issues

If you experience a problem with your Wi-Fi equipped appliance, it can transmit troubleshooting data to a smartphone using the **SIGNATURE KITCHEN SUITE** application.

- Launch the **SIGNATURE KITCHEN SUITE** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions provided in the **SIGNATURE KITCHEN SUITE** application.

Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

- Launch the **SIGNATURE KITCHEN SUITE** app and select the **Smart Diagnosis** feature in the menu. Follow the instructions for audible diagnosis provided in the **SIGNATURE KITCHEN SUITE** app.

- 1** Open the refrigerator door.
- 2** Press **Settings** at the right bottom of the main screen and then press **Smart Diagnosis**.
- 3** Press **START**.
- 4** Keep the phone in place until the tone transmission has finished. The app will count down the time. Once the countdown is over and the tones have stopped, the diagnosis will be displayed in the app.

NOTE

- For best results, do not move the phone while the tones are being transmitted.
-

MAINTENANCE

Cleaning

⚠ WARNING

- Use non-flammable cleaner. Failure to do so can result in fire, explosion, or death.

⚠ CAUTION

- Do not use an abrasive cloth or sponge when cleaning the interior and exterior of the appliance.
- Do not place your hand on the bottom surface of the appliance when opening and closing the doors.

General Cleaning Tips

- Both the refrigerator and freezer sections defrost automatically; however, clean both sections once a month to prevent odors.
- Wipe up spills immediately.
- Unplug the refrigerator or disconnect power before cleaning.
- Remove all removable parts, such as shelves.
- Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use abrasive or harsh cleaners.
- Hand wash, rinse and dry all surfaces thoroughly.
- When cleaning the inside or outside of the appliance, do not wipe it with a rough brush, toothpaste, or flammable materials. Do not use cleaning agents containing flammable substances.
 - Doing so may cause discoloration or damage to the appliance.
 - Flammable substances: alcohol (ethanol, methanol, isopropyl alcohol, isobutyl alcohol, etc.), thinner, bleach, benzene, flammable liquid, abrasive, etc.

Inside Walls

- Allow freezer to warm up so the cloth will not stick.

To help remove odors, wash the inside of the refrigerator with a mixture of baking soda and warm water. Mix 2 tablespoons of baking soda to 1 quart of water (26 g soda to 1 liter water.) Be sure

the baking soda is completely dissolved so it does not scratch the surfaces of the refrigerator.

Door Liners and Gaskets

Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic refrigerator parts.

Plastic Parts (Covers and Panels)

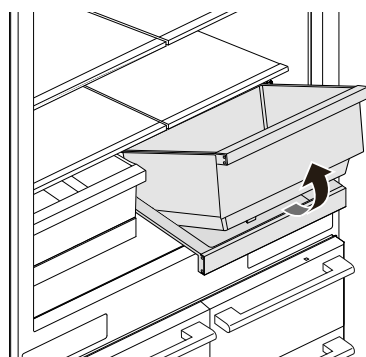
Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use glass cleaners, abrasive cleansers, or flammable fluids. These can scratch or damage the material.

Air Filter

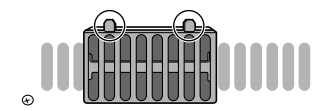
Recycling the Air Filter

Recycle the air filter approximately every 6 months.

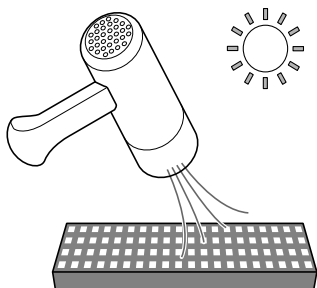
- 1 To remove the drawer, pull out the drawer to full extension, lift the front up, and pull straight out.



- 2 Press the two hooks to release the air filter.



- 3 Dry the air filter with a hair dryer or let it air dry in the sun.



NOTE

- To increase deodorization performance, deodorant is made of natural palm wood material. So some powder may fall off. This powder is harmless to the human body and can be easily wiped off with a towel or cloth.

Water Filter

Before Replacing the Water Filter

⚠ WARNING

- To reduce the risk associated with choking, do not allow children under 3 years of age to have access to small parts during the installation of this product.
- To reduce the risk associated with the ingestion of contaminants, do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. EPA Establishment # 070595-MEX-001
- Use of unauthorized water filters may result in product malfunction, water leakage or water quality issues, which will not be covered under the product warranty.
- Connect to a potable water supply only.

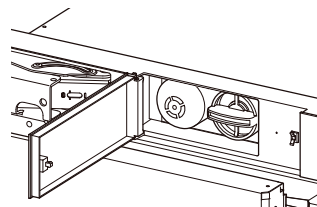
⚠ CAUTION

- Read and follow Use Instructions before installation and use of this system.
- Installation and use **MUST** comply with all state and local plumbing codes.
- Do not install if water pressure exceeds 120 psi (827 kPa). If your water pressure exceeds 80 psi, you must install a pressure limiting valve. Contact a plumber if uncertain how to check your water pressure.

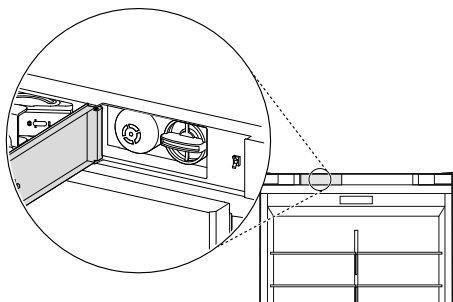
- Do not install where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.
- Do not install on hot water supply lines. The maximum operating water temperature of this filter system is 100 °F (37.8 °C).
- Protect filter from freezing. Drain filter when temperatures drop below 40 °F (4.4 °C).
- The disposable filter cartridge **MUST** be replaced every 6 months, at the rated capacity or if a noticeable reduction in flow rate occurs.
- To protect it from freezing, remove filter cartridge when temperatures are expected to drop below 33° F.
- Do not install systems in areas where ambient temperatures may go above 110° F (43.3° C).
- Where a backflow prevention device is installed on a water system, a device for controlling pressure due to thermal expansion must be installed.
- Ensure all tubing and fittings are secure and free from leaks.

Replacing the Water Filter

- Replace the water filter:
 - Approximately every six months.
 - When the  icon turns on.
 - When the icemaker output decreases.
- To purchase a replacement water filter:
 - Visit your local dealer or distributor
 - Find Parts & Accessories from Support section of **signaturekitchensuite.com**
 - Call 1-855-790-6655 (USA) or 1-888-289-2802 (CANADA)
 - Use replacement cartridge: **LT1000P-S (ADQ74793506)**

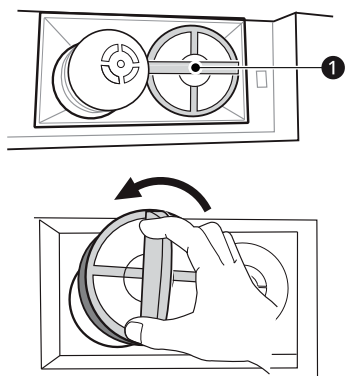


- Remove the old water filter.**
Push to open the water filter cover at the top of the refrigerator.

**NOTE**

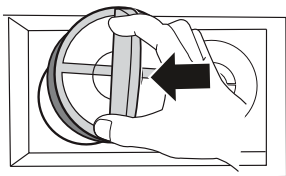
- Replacing the water filter causes a small amount of water (around 1 oz. or 25 cc) to drain.
- Wrap a cloth around the front end of the water filter cover to collect any leaking water. Hold the water filter upright, once it is removed, to prevent any remaining water from spilling out of the water filter.

- 2** Put the cap ❶ on the water filter, then grasp and rotate it counterclockwise to remove the water filter from the filter head.

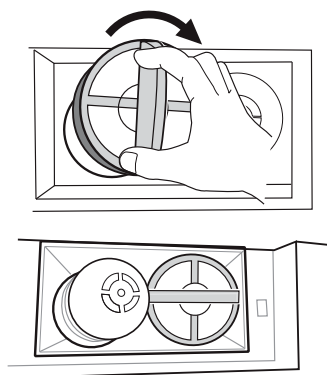


- 3** **Replace with a new water filter.**

Take the new water filter out of its packing and remove the protective cover from the o-rings. Put the cap on the new water filter, then push it into the manifold hole until it stops.



- 4** Grasp and rotate cap clockwise until it stops. Replace the cap to the side of the water filter.



- 5** After the water filter is replaced, dispense 2.5 gallons of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system.

NOTE

- Do not dispense the entire 2.5 gallon amount continuously. Press and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.

- 6** After changing the filter, press **Settings** at the right bottom of the main screen and then press **Water Filter**. Press **RESET** to reset the filter life.

- For further assistance, call:
 - 1-855-790-6655 (USA)
 - 1-888-289-2802 (CANADA)

Performance Data Sheet

Model: LT1000P-S

NSF System Trade Name Code: MDJ64844601

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standard 42, Standard 53 and Standard 401.

	System tested and certified by NSF International against NSF/ANSI Standard 42, Standard 53 and Standard 401 for the reduction of substances listed below.
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Substance Reduction	Average Influent Challenge	NSF Specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements
Chlorine Taste and Odor	2.0 µg/L	2.0 µg/L ± 10%	>97.5%	0.050 µg/L	N/A	≥ 50.00%
Nominal Particulate Class I, ≥ 0.5 to < 1.0 µm	12,000,000 pts/mL	At least 10,000 particles/mL	99.80%	24,000 pts/mL	N/A	≥ 85.00%
Asbestos	180 MFL	10 ⁷ to 10 ⁸ MFL; fibers greater than 10 µg/Lin length	>99.00%	< 1 MFL	N/A	≥ 99.00%
Atrazine	8.5 µg/L	9.0 µg/L ± 10%	>94.10%	0.500 µg/L	3.0 µg/L	NA
Benzene	15.0 µg/L	15.0 µg/L ± 10%	>96.60%	0.510 µg/L	5.0 µg/L	NA
Carbofuran	74.0 µg/L	80.0 µg/L ± 10%	98.30%	1.258 µg/L	40 µg/L	NA
Lindane	1.9 µg/L	2.0 µg/L ± 10%	>99.00%	0.019 µg/L	0.2 µg/L	NA
P-Dichlorobenzene	230.0 µg/L	225.0 µg/L ± 10%	>99.80%	0.460 µg/L	75.0 µg/L	NA
2,4-D	210.0 µg/L	210.0 µg/L ± 10%	>99.90%	0.210 µg/L	70.0 µg/L	NA
Lead pH @6.5	140.0 µg/L	150.0 µg/L ± 10%	99.60%	0.560 µg/L	10.0 µg/L	NA
Lead pH @8.5	150.0 µg/L	150.0 µg/L ± 10%	>99.70%	<0.500 µg/L	10.0 µg/L	NA
Mercury @ pH6.5	5.9 µg/L	6.0 µg/L ± 10%	91.00%	0.531 µg/L	2.0 µg/L	NA
Mercury @ pH8.5	5.6 µg/L	6.0 µg/L ± 10%	92.5%	0.420 µg/L	2.0 µg/L	NA
Cyst*	100,000 cysts/L	Minimum 50,000 cysts/L	>99.99%	10 cysts/L	N/A	≥ 99.95%
Atenolol	240 ng/L	200 ± 40% ng/L	> 95.50%	10.80 ng/L	30 ng/L	NA
Carbamazepine	1600 ng/L	1400 ± 40% ng/L	98.40%	25.60 ng/L	200 ng/L	NA
DEET	1600 ng/L	1400 ± 40% ng/L	97.10%	46.40 ng/L	200 ng/L	NA
Trimethoprim	170 ng/L	140 ± 40% ng/L	>96.80%	5.44 ng/L	20 ng/L	NA
Linuron	160 ng/L	140 ± 40% ng/L	>96.60%	5.44 ng/L	20 ng/L	NA
Phenytoin	200 ng/L	200 ± 40% ng/L	>94.80%	10.40 ng/L	30 ng/L	NA
Ibuprofen	400 ng/L	400 ± 40% ng/L	>94.50%	22.00 ng/L	60 ng/L	NA
Naproxen	140 ng/L	140 ± 40% ng/L	>96.10%	5.46 ng/L	20 ng/L	NA
Estrone	120 ng/L	140 ± 40% ng/L	>96.10%	4.68 ng/L	20 ng/L	NA
Bisphenol A	2000 ng/L	2000 ± 40% ng/L	>98.90%	22.00 ng/L	300 ng/L	NA
Nonyl Phenol	1600 ng/L	1400 ± 40% ng/L	>97.10%	46.40 ng/L	200 ng/L	NA

34 MAINTENANCE

* Based on the use of *Cryptosporidium parvum* oocysts.

Guidelines for Application / Water Supply Parameters	
Service Flow	0.5 gpm (1.9 lpm)
Water Supply	Community or Private Well - Potable Water
Water Pressure	20 – 120 psi (138 – 827 kPa)
Water Temperature	33 °F – 100 °F (0.6 °C – 37.8°C)
Capacity	200 gallons (757 liters)

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised.

NOTE

- While the testing was performed under standard laboratory conditions, actual performance may vary.

For replacement filters, visit your local dealer or distributor or search under "water filters" on the **signaturekitchensuite.com** website.

For further assistance, the SIGNATURE KITCHEN SUITE Customer Information Center is open 24 hours a day/7 days a week.

USA: 1-855-790-6655

Canada: 1-888-289-2802

Replacement Cartridge: LT1000P-S or ADQ74793506

NSF is a trademark of NSF International.

TROUBLESHOOTING

FAQs

Frequently Asked Questions

- Q: What are the best temperature settings for my refrigerator and freezer?**
- A: The default setting for the refrigerator is 37° Fahrenheit (3° Celsius). The default setting for the freezer is 0° Fahrenheit (-18° Celsius). Adjust these settings as necessary to keep food at desired temperatures. Milk should be cold when stored on the inner shelf of the refrigerator. Ice cream should be firm and ice cubes should not melt in the freezer.
- Q: How do I set the refrigerator and freezer temperatures?**
- A: Press the temperature of the refrigerator or freezer or convertible drawer on the main screen. Press **▲ / ▼** to set the desired temperature.
- Q: Why do I hear a buzzing noise from my refrigerator periodically?**
- A: This may happen if you do not have a water source attached to your freezer and the icemaker is turned on. If you do not have a water source attached to the freezer you should turn the icemaker off on the control panel.
- Q: Why does the icemaker tray look crooked?**
- A: This is a normal part of the icemaker cycle. The icemaker tray may appear level or with a slight tilt. The change in position is to assist in the freezing process.
- Q: My refrigerator is powered on and the controls are working, but it's not cooling and the display shows "DEMO" (see below). What is wrong?**
- A: The refrigerator is in Display Mode. The Display Mode disables all cooling to conserve energy while on display in a retail store. To restore normal operation, press **Settings** at the right bottom of the main screen and then press **Brightness**. Tap the upper right corner of the screen 15 times. Then "**Demo mode is off**" pops up and the **DEMO** icon disappears on the right top of the screen. Use the same procedure to return the refrigerator to Display Mode, if desired.

DEMO

Before Calling for Service

Review this section before calling for service; doing so will save you both time and money.

Cooling

Problem	Possible Cause & Solution
Refrigerator is not cooling or has no power.	A fuse in your home may be blown or the circuit breaker tripped. Or the appliance is connected to a GFCI (Ground Fault Circuit Interrupter) outlet, and the outlet's circuit breaker has tripped. - Check the main electrical box and replace the fuse or reset the circuit breaker. Do not increase fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician. - Reset the circuit breaker on the GFCI. If the problem persists, contact an electrician.
	The refrigerator control is set to OFF (some models). Turn the control ON. Refer to the Setting the Controls section for proper temperature settings.
	Refrigerator is set to Display Mode. Display Mode allows the lights and control display to work normally while disabling cooling, to save energy while the refrigerator is on the showroom floor. See the FAQs section of this manual for instructions on how to disable Display Mode.
	Refrigerator is in the defrost cycle. During the defrost cycle, the temperature of each compartment may rise slightly. Wait 30 minutes and confirm the proper temperature has been restored once the defrost cycle has completed.
	Refrigerator was recently installed. It may take up to 24 hours for each compartment to reach the desired temperature.
	Refrigerator was recently relocated. If the refrigerator was stored for a long period of time or moved on its side, it is necessary for the refrigerator to stand upright for 24 hours before connecting it to power.
Cooling system runs too much.	Refrigerator is replacing an older model. Modern refrigerators require more operating time but use less energy due to more efficient technology.
	Refrigerator was recently plugged in or power restored. The refrigerator will take up to 24 hours to cool completely.
	The door is opened often or a large amount of food / hot food was added. Adding food and opening the door warms the refrigerator, requiring the compressor to run longer in order to cool the refrigerator back down. In order to conserve energy, try to get everything you need out of the refrigerator at once, keep food organized so it is easy to find, and close the door as soon as the food is removed. (Refer to the Food Storage Guide.)
	Doors are not closed completely. Firmly push the doors shut. If they will not shut all the way, the "Doors will not close correctly or pop open" section in Troubleshooting.
	Refrigerator is installed in a hot location. The compressor will run longer under warm conditions. At normal room temperatures (70 °F or 21 °C) expect your compressor to run about 40 % to 80 % of the time. Under warmer conditions, expect it to run even more often. The refrigerator should not be operated above 110 °F (43 °C).

Problem	Possible Cause & Solution
Interior moisture buildup.	Doors are opened often or for long periods of time. When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. To lessen the effect, reduce the frequency and duration of door openings.
	Doors are not closed correctly. See the "Doors will not close correctly or pop open" section.
	Weather is humid. Humid weather allows additional moisture to enter the compartments when the doors are opened leading to condensation or frost. Maintaining a reasonable level of humidity in the home will help to control the amount of moisture that can enter the compartments.
	Defrost cycle recently completed. During the defrost cycle, the temperature of each compartment may rise slightly and condensation may form on the back wall. Wait 30 minutes and confirm that the proper temperature has been restored once the defrost cycle has completed.
	Food is not packaged correctly. Food stored uncovered or unwrapped, and damp containers can lead to moisture accumulation within each compartment. Wipe all containers dry and store food in sealed packaging to prevent condensation and frost.
Food is freezing in the refrigerator compartment.	Food with high water content was placed near an air vent. Rearrange items with high water content away from air vents.
	Refrigerator temperature control is set incorrectly. If the temperature is too cold, adjust the control one increment at a time and wait for the temperature to stabilize. Refer to the Control Panel section for more information.
	Refrigerator is installed in a cold location. When the refrigerator is operated in temperature below 41 °F (5 °C), food can freeze in the refrigerator compartment. The refrigerator should not be operated in temperature below 55 °F (13 °C).
Refrigerator or Freezer section is too cold.	Incorrect temperature control settings. If the temperature is too cold, adjust the control one increment at a time and wait for the temperature to stabilize. Refer to the Control Panel for more information.
Frost or ice crystals form on frozen food (inside of sealed package).	Condensation from food with a high water content has frozen inside of the food package. This is normal for food items with a high water content.
	Food has been left in the freezer for a long period of time. Do not store food items with high water content in the freezer for a long period of time.
Frost or ice crystals form on frozen food (outside of package).	Door is opened frequently or for long periods of time. When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. Increased moisture will lead to frost and condensation. To lessen the effect, reduce the frequency and duration of door openings.
	Door is not closing properly. Refer to the "Doors will not close correctly or pop open" section in the Troubleshooting.
Refrigerator or Freezer section is too warm.	Refrigerator was recently installed. It may take up to 24 hours for each compartment to reach the desired temperature.

Problem	Possible Cause & Solution
Refrigerator or Freezer section is too warm.	The air vents are blocked. Locate air vents by using your hand to sense airflow and move all packages that block vents and restrict airflow. Rearrange items to allow air to flow throughout the compartment.
	Doors are opened often or for long periods of time. When the doors are opened often or for long periods of time, warm, humid air enters the compartment. This raises the temperature and moisture level within the compartment. To lessen the effect, reduce the frequency and duration of door openings.
	Unit is installed in a hot location. The refrigerator should not be operated in temperatures above 110 °F (43 °C).
	A large amount of food or hot food was added to either compartment. Adding food warms the compartment requiring the cooling system to run. Allowing hot food to cool to room temperature before putting it in the refrigerator will reduce this effect.
	Doors are not closed correctly. See the "Doors will not close correctly or pop open" section in the Troubleshooting.
	Temperature control is not set correctly. If the temperature is too warm, adjust the control one increment at a time and wait for the temperature to stabilize.
	Defrost cycle has recently completed. During the defrost cycle, the temperature of each compartment may rise slightly and condensation may form on the back wall. Wait 30 minutes and confirm the proper temperature has been restored once the defrost cycle has completed.

Water

Problem	Possible Cause & Solution
Water is dispensing slowly.	Water filter has been exhausted. - Replacing the water filter is recommended: - Approximately every six months. - When the water filter indicator turns on. - When the water dispenser output decreases. - When the ice cubes are smaller than normal.
	Reverse osmosis filtration system is used. Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues. If the problem persists, it may be necessary to contact a plumber.
	Low house water supply pressure. The water pressure must be between 20 and 120 psi on models without a water filter and between 40 and 120 psi on models with a water filter. If the problem persists, it may be necessary to contact a plumber.
Water is not dispensing.	New installation or water line recently connected. Dispense 2.5 gallons of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system. Do not dispense the entire 2.5 gallon amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.
	Refrigerator or freezer doors are not closed properly. Water will not dispense if any of the refrigerator doors are left open.

Problem	Possible Cause & Solution
Water is not dispensing.	Water filter has been recently removed or replaced. After the water filter is replaced, dispense 2.5 gallons of water (flush for approximately five minutes) to remove trapped air and contaminants from the system. Do not dispense the entire 2.5 gallon amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.
	Tubing connecting refrigerator to house supply valve is kinked. The tubing can kink when the refrigerator is moved during installation or cleaning. Resulting in reduced water flow. Straighten or repair the water supply line and arrange it to prevent future kinks.
	The house water supply is not connected, the valve is not turned on fully, or the valve is clogged. Connect the refrigerator to the water supply and turn the water shutoff valve fully open. If the problem persists, it may be necessary to contact a plumber.
Dispensing warm water.	Refrigerator was recently installed. Allow 24 hours after installation for the water storage tank to cool completely.
	The water dispenser has been used recently and the storage tank was exhausted. Depending on your specific model, the water storage capacity will range from approximately 20 to 30 oz.
	Dispenser has not been used for several hours. If the dispenser has not been used for several hours, the first glass dispensed may be warm. Discard the first 10oz.
	Refrigerator is connected to the hot water supply. Make sure that the refrigerator is connected to a cold water pipe. WARNING: Connecting the refrigerator to a hot water line may damage the icemaker.
Water has bad taste or odor.	Water supply contains minerals such as sulfur. A water filter may need to be installed to eliminate taste and odor problems.
	Water filter has been exhausted. - Replacing the water filter is recommended: - Approximately every six months. - When the water filter indicator turns on. - When the water dispenser output decreases. - When the ice cubes are smaller than normal.
	Refrigerator was recently installed. Dispense 2.5 gallons of water (flush for approximately 5 minutes) to remove trapped air and contaminants from the system. Do not dispense the entire 2.5 gallon amount continuously. Depress and release the dispenser pad for cycles of 30 seconds ON and 60 seconds OFF.

Ice

Problem	Possible Cause & Solution
Icemaker is not making enough ice.	Demand exceeds ice production capacity. Refer to the Automatic Icemaker section for ice production capacity to check the amount of ice produced in a 24 hour period.

Problem	Possible Cause & Solution
Icemaker is not making enough ice.	House water supply is not connected, valve is not turned on fully, or valve is clogged. Connect the refrigerator to a cold water supply with adequate pressure and turn the water shutoff valve fully open. If the problem persists, it may be necessary to contact a plumber.
	Water filter has been exhausted. - Replacing the water filter is recommended: - Approximately every six months. - When the water filter indicator turns on. - When the water dispenser output decreases. - When the ice cubes are smaller than normal.
	Low house water supply pressure. The water pressure must be between 20 and 120 psi (138 and 827 kPa) on models without a water filter and between 40 and 120 psi (276 and 827 kPa) on models with a water filter. If the problem persists, it may be necessary to contact a plumber.
	Reverse osmosis filtration system is used. Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues.
	Tubing connecting refrigerator to house supply valve is kinked. The tubing can kink when the refrigerator is moved during installation or cleaning resulting in reduced water flow. Straighten or repair the water supply line and arrange it to prevent future kinks.
	Doors are opened often or for long periods of time. If the doors of the unit are opened often, ambient air will warm the refrigerator which will prevent the unit from maintaining the set temperature. Lowering the refrigerator temperature can help, as well as not opening the doors as frequently.
	Doors are not closed completely. If the doors are not properly closed, ice production will be affected. See the "Doors will not close correctly or pop open" section in Parts & Features Troubleshooting for more information.
	The temperature setting for the freezer is too warm. The recommended temperature for the freezer compartment for normal ice production is 0 °F (-18 °C). If the freezer temperature is warmer, ice production will be affected.
Icemaker is not making ice	Refrigerator was recently installed or icemaker recently connected. It may take up to 24 hours for each compartment to reach the desired temperature and for the icemaker to begin making ice.
	Icemaker is not turned on. Locate the icemaker ON/OFF and confirm that it is turned on.
	The ice detecting sensor is obstructed. Foreign substances or frost on the ice-detecting sensor can interrupt ice production. Make sure that the sensor area is clean at all times for proper operation.
	The refrigerator is not connected to a water supply or the supply shutoff valve is not turned on. Connect the refrigerator to the water supply and turn the water shutoff valve fully open.
	Icemaker shutoff (arm or sensor) obstructed. If your icemaker is equipped with an ice shutoff arm, make sure that the arm moves freely. If your icemaker is equipped with the electronic ice shutoff sensor, make sure that there is a clear path between the two sensors.

Problem	Possible Cause & Solution
Icemaker is not making ice	Reverse osmosis water filtration system is connected to your cold water supply. Reverse osmosis filtration systems can reduce the water pressure below the minimum amount and result in icemaker issues.
Ice has bad taste or odor.	Water supply contains minerals such as sulfur. A water filter may need to be installed to eliminate taste and odor problems. NOTE: In some cases, a filter may not help. It may not be possible to remove all minerals/odor/taste in all water supplies.
	Icemaker was recently installed. Ice that has been stored for too long will shrink, become cloudy, and may develop a stale taste. Throw away old ice and make a new supply.
	The food has not been stored properly in either compartment. Rewrap the food. Odors may migrate to the ice if food is not wrapped properly.
	The interior of the refrigerator needs to be cleaned. See the Maintenance section for more information.
	The ice storage bin needs to be cleaned. Empty and wash the bin (discard old cubes). Make sure that the bin is completely dry before reinstalling it.
Icemaker is making too much ice.	Icemaker shutoff (arm/ sensor) is obstructed. Empty the ice bin. If your icemaker is equipped with an ice shutoff arm, make sure that the arm moves freely. If your icemaker is equipped with the electronic ice shutoff sensor, make sure that there is a clear path between the two sensors. Reinstall the ice bin and wait 24 hours to confirm proper operation.
Ice is not dispensing.	Doors are not closed completely. Ice will not dispense if any of the refrigerator doors are left open.
	Infrequent use of the dispenser. Infrequent use of the ice dispenser will cause the cubes to stick together over time, which will prevent them from properly dispensing. Check the ice bin for ice cubes clumping/ sticking together. If they are, break up the ice cubes to allow for proper operation.
	The delivery chute is clogged with frost or ice fragments. Eliminate the frost or ice fragments by removing the ice bin and clearing the chute with a plastic utensil. Dispensing cubed ice can also help prevent frost or ice fragment buildup.
	Ice bin is empty. It may take up to 24 hours for each compartment to reach the desired temperature and for the icemaker to begin making ice. Make sure that the shutoff (arm/sensor) is not obstructed. Once the ice supply in the bin has been completely exhausted, it may take up to 90 minutes before additional ice is available, and approximately 24 hours to completely refill the bin.

Parts & Features

Problem	Possible Cause & Solution
Doors will not close correctly or pop open.	Food packages are blocking the door open. Rearrange food containers to clear the door and door shelves.
	Ice bin, crisper cover, pans, shelves, door bins, or baskets are out of position. Push bins all the way in and put crisper cover, pans, shelves and baskets into their correct positions. See the Operation section for more information.

Problem	Possible Cause & Solution
Doors will not close correctly or pop open.	The doors were removed during product installation and not properly replaced. Remove and replace the doors according to the installation instructions.
	Refrigerator is not leveled properly. See Door Alignment in the installation instructions to level refrigerator.
Doors are difficult to open.	The gaskets are dirty or sticky. Clean the gaskets and the surfaces that they touch. Rub a thin coat of appliance polish or kitchen wax on the gaskets after cleaning.
	Door was recently closed. When you open the door, warmer air enters the refrigerator. As the warm air cools, it can create a vacuum. If the door is hard to open, wait one minute to allow the air pressure to equalize, then see if it opens more easily.
Refrigerator wobbles or seems unstable.	Floor is not level. It may be necessary to add shims under the leveling legs or rollers to complete installation.
Lights do not work.	LED interior lighting failure. The refrigerator compartment lamp is LED interior lighting, and service should be performed by a qualified technician.
The interior of the refrigerator is covered with dust or soot.	The refrigerator is located near a fire source, such as a fireplace, chimney, or candle. Make sure that the refrigerator is not located near a fire source, such as a fireplace, chimney or candle.

Noises

Problem	Possible Cause & Solution
Clicking	The defrost control will click when the automatic defrost cycle begins and ends. The thermostat control (or refrigerator control on some models) will also click when cycling on and off. Normal Operation
Rattling	Rattling noises may come from the flow of refrigerant, the water line on the back of the unit, or items stored on top of or around the refrigerator. Normal Operation
	Refrigerator is not resting solidly on the floor. Floor is weak or uneven or leveling legs need to be adjusted. See the Leveling and Door Alignment section in the installation instructions.
	Refrigerator with linear compressor was jarred while running. Normal Operation
Whooshing	Evaporator fan motor is circulating air through the refrigerator compartment. Normal Operation
	Air is being forced over the condenser by the condenser fan. Normal Operation
Gurgling	Refrigerant flowing through the cooling system. Normal Operation
Popping	Contraction and expansion of the inside walls due to changes in temperature. Normal Operation

Problem	Possible Cause & Solution
Sizzling	Water dripping on the defrost heater during a defrost cycle. • Normal Operation
Vibrating	If the side or back of the refrigerator is touching a cabinet or wall, some of the normal vibrations may make an audible sound. • To eliminate the noise, make sure that the sides and back cannot vibrate against any wall or cabinet.
Dripping	Water running into the drain pan during the defrost cycle. • Normal Operation
Pulsating or high-pitched sound	Your refrigerator is designed to run more efficiently to keep your food items at the desired temperature. The high efficiency compressor may cause your new refrigerator to run longer than your old one, but it is still more energy efficient than previous models. While the refrigerator is running, it is normal to hear a pulsating or high-pitched sound. • Normal Operation

Wi-Fi

Problem	Possible Cause & Solution
Trouble connecting appliance and smartphone to Wi-Fi network	The password for the Wi-Fi network was entered incorrectly. • Delete your home Wi-Fi network and begin the connection process again.
	Mobile data for your smartphone is turned on. • Turn off the Mobile data on your smartphone before connecting the appliance.
	The wireless network name (SSID) is set incorrectly. • The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
	The router frequency is not 2.4 GHz. • Only a 2.4 GHz router frequency is supported. Set the wireless router to 2.4 GHz and connect the appliance to the wireless router. To check the router frequency, check with your Internet service provider or the router manufacturer.
	The appliance and the router are too far apart. • If the appliance is too far from the router, the signal may be weak and the connection may not be configured correctly. Move the router closer to the appliance or purchase and install a Wi-Fi repeater.
	During Wi-Fi setup, the app is requesting a password to connect to the product (on certain phones). • Locate the network name which starts with "LG" under Settings > Networks. Note the last part of the network name. - If the network name looks like LGE_Appliance_XX-XX-XX, enter lge12345. - If the network name looks like LGE_Appliance_XXXX, enter XXXX twice as your password. For example, if the network name appears as LGE_Appliance_8b92, then you would enter 8b928b92 as your password. In this instance, the password is case sensitive and the last 4 characters are unique to your appliance.

LIMITED WARRANTY

USA

TERMS AND CONDITIONS

Should your **SIGNATURE KITCHEN SUITE** Refrigerator ("Product") fail due to a defect in materials or workmanship under normal and proper use, during the warranty period set forth below, **SIGNATURE KITCHEN SUITE** will, at its option, repair or replace the Product. This limited warranty is valid only to the original retail purchaser of the Product ("You") and applies only when purchased lawfully and used within the United States including U.S. Territories.

WARRANTY PERIOD			
Refrigerator/Freezer	Sealed System (Condenser, Dryer, Connecting Tube and Evaporator)	Compressor	
Three (3) years from the date of original retail purchase	Five (5) years from the date of original retail purchase	Five (5) years from the date of original retail purchase	Linear / Inverter Compressor Only : Parts Only for years 6-10 from the date of original retail purchase (You will be charged for labor.)
Parts and Labor (internal/functional parts only)	Parts and Labor	Parts and Labor	

- Replacement Products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replacement Products and parts may be new, reconditioned, refurbished, or otherwise factory remanufactured.
- Replaced Product or part(s) will be the property of **SIGNATURE KITCHEN SUITE**.
- Proof of original retail purchase specifying the Product model and date of purchase is required to obtain warranty service under this limited warranty.

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THE PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THE ABOVE LIMITED WARRANTY. UNDER NO CIRCUMSTANCES SHALL SIGNATURE KITCHEN SUITE OR ITS U.S. DISTRIBUTORS/DEALERS BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR PUNITIVE DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST GOODWILL, LOST REVENUES OR PROFITS, WORK STOPPAGE, IMPAIRMENT OF OTHER GOODS, COST OF REMOVAL AND REINSTALLATION OF THE PRODUCT, LOSS OF USE, OR ANY OTHER DAMAGES WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. SIGNATURE KITCHEN SUITE'S TOTAL LIABILITY, IF ANY, SHALL NOT EXCEED THE PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE EXCLUSIONS OR LIMITATIONS MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

THIS LIMITED WARRANTY DOES NOT COVER:

- Service trips to deliver, pick up, or install, educate how to operate, correct wiring, or correct unauthorized repairs.
- Damage or failure of the Product to perform during power failures and interrupted or inadequate electrical service.
- Damage or failure of the Product caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
- Damage or failure of the Product resulting from operating the Product in a corrosive atmosphere or contrary to the Product owner's manual.
- Damage or failure of the Product caused by accidents, pests and vermin, lightning, wind, fire, floods, acts of nature, or any other causes beyond the control of **SIGNATURE KITCHEN SUITE**.
- Damage or failure of the Product caused by unauthorized modification or alteration, or if the Product is used for other than the intended purpose, or any water leakage where the Product was not properly installed.
- Damage or failure of the Product caused by incorrect electrical current, voltage, or plumbing codes.
- Damage or failure of the Product caused by transportation, storage, and/or handling, including scratches, dents, chips, and/or other damage to the finish of the Product, unless such damage is reported within one (1) week of delivery.
- Damage or failure of the Product resulting from misuse, abuse, improper installation, repair, or maintenance. Improper repair includes the use of parts not authorized by **SIGNATURE KITCHEN SUITE**. Improper installation or maintenance includes installation or maintenance contrary to the Product owner's manual.
- Damage or failure of the Product caused by the use of parts, components, accessories, consumable cleaning products, or any other products or services that were not authorized by **SIGNATURE KITCHEN SUITE**.
- Damage or missing items to any display or open box Product.
- Refurbished Product or any Product sold "As Is", "Where Is", "With all Faults", or similar disclaimer.
- Products with original serial numbers that have been removed, altered, or cannot be readily determined.
- Increases in utility costs and additional utility expenses.
- Any noises associated with normal operation.
- Products used for other than normal and proper household use (e.g., commercial or industrial use) or contrary to the Product owner's manual.
- Costs associated with removal and reinstallation of the Product for repairs, or the removal and reinstallation of the Product if it is installed in an inaccessible location or not installed in accordance with the Product Owner's manual.
- Accessories, removable components, or consumable parts (e.g. Shelves, door bins, drawers, water/air filters, racks, light bulbs, batteries, etc., as applicable), except for internal/functional parts covered under this limited warranty.

The cost of repair or replacement under these excluded circumstances shall be borne by You.

TO OBTAIN WARRANTY SERVICE AND ADDITIONAL INFORMATION

Call 1-855-790-6655 and select the appropriate option from the menu.

Or visit our website at <http://www.signaturekitchensuite.com>.

Or by mail: **SIGNATURE KITCHEN SUITE** Customer Service P.O. Box 240007 Huntsville, AL 35813 ATTN: CIC

Canada

TERMS AND CONDITIONS

Should your **SIGNATURE KITCHEN SUITE** Refrigerator ("Product") fail due to a defect in materials or workmanship under normal and proper use, during the warranty period set forth below, **SIGNATURE KITCHEN SUITE** will, at its option, repair, replace or pro rate the Product upon receipt of proof of the original retail purchase. This limited warranty is valid only to the original retail purchaser of the Product and applies only to a Product distributed, purchased from an authorized retailer and used within Canada, as determined at the sole discretion of **SIGNATURE KITCHEN SUITE**.

WARRANTY PERIOD			
Refrigerator / Freezer	Sealed System (Condenser, Dryer, Connecting Tube and Evaporator)		Linear Compressor
Three (3) years from the date of original retail purchase	Three (3) years from the date of original retail purchase	Seven (7) years from the date of original retail purchase	Ten (10) years from the date of original retail purchase
Parts and Labor (Internal / functional parts only)	Parts and Labor	Parts Only (Consumer will be charged for labor)	Parts Only (Consumer will be charged for labor)

- Replacement products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replacement products and parts may be new, reconditioned, refurbished, or otherwise factory remanufactured, all at the sole discretion of **SIGNATURE KITCHEN SUITE**.
- Proof of original retail purchase specifying the Product model and date of purchase is required to obtain warranty service under this Limited Warranty.

SIGNATURE KITCHEN SUITE'S SOLE LIABILITY IS LIMITED TO THE LIMITED WARRANTY SET OUT ABOVE. EXCEPT AS EXPRESSLY PROVIDED ABOVE, SIGNATURE KITCHEN SUITE MAKES NO, AND HEREBY DISCLAIMS, ALL OTHER WARRANTIES AND CONDITIONS RESPECTING THE PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND NO REPRESENTATIONS SHALL BE BINDING ON SIGNATURE KITCHEN SUITE. SIGNATURE KITCHEN SUITE DOES NOT AUTHORIZE ANY PERSON TO CREATE OR ASSUME FOR IT ANY OTHER WARRANTY OBLIGATION OR LIABILITY IN CONNECTION WITH THE PRODUCT. TO THE EXTENT THAT ANY WARRANTY OR CONDITION IS IMPLIED BY LAW, IT IS LIMITED TO THE WARRANTY PERIOD SET OUT ABOVE. UNDER NO CIRCUMSTANCES SHALL SIGNATURE KITCHEN SUITE, THE MANUFACTURER OR DISTRIBUTOR OF THE PRODUCT, BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, DIRECT, INDIRECT, PUNITIVE OR EXEMPLARY DAMAGES, INCLUDING, WITHOUT LIMITATION, LOSS OF GOODWILL, LOST PROFITS, LOSS OF ANTICIPATED PROFITS, LOST REVENUE, LOSS OF USE, OR ANY OTHER DAMAGE, WHETHER ARISING DIRECTLY OR INDIRECTLY FROM ANY CONTRACTUAL BREACH, FUNDAMENTAL BREACH, TORT OR OTHERWISE, OR FROM ANY ACTS OR OMISSIONS. SIGNATURE KITCHEN SUITE'S TOTAL LIABILITY, IF ANY, SHALL NOT EXCEED THE PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.

This Limited Warranty gives you specific legal rights. You may also have other rights that vary from province to province depending on applicable provincial laws. Any term of this Limited Warranty that negates or varies any implied condition or warranty under provincial law is severable where it conflicts with such provincial law without affecting the remainder of this warranty's terms.

THIS LIMITED WARRANTY DOES NOT COVER:

- Service trips to i) deliver, pick up, or install or; educate on how to operate the Product; ii) correct wiring or plumbing; or iii) correct unauthorized repairs or installations of the Product;
- Damage or failure of the Product to perform during power failures and interrupted or inadequate electrical service;

- Damage or failure caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air;
- Damage or failure resulting from operating the Product in a corrosive atmosphere or contrary to the instructions outlined in the Product's owner's manual;
- Damage or failure to the Product caused by accidents, pests and vermin, lightning, wind, fire, floods, acts of God, or any other causes beyond the control of **SIGNATURE KITCHEN SUITE** or the manufacturer;
- Damage or failure resulting from misuse, abuse, improper installation, repair, or maintenance of the Product. Improper repair includes use of parts not authorized or specified by **SIGNATURE KITCHEN SUITE**. Improper installation or maintenance includes installation or maintenance contrary to the Product's owner's manual;
- Damage or failure caused by unauthorized modification or alteration of the Product, or if used for other than the intended household purpose/use of the Product, or damage or failure resulting from any water leakage due to improper installation of the Product;
- Damage or failure caused by incorrect electrical current, voltage or plumbing codes;
- Damage or failure caused by use that is other than normal household use, including, without limitation, commercial or industrial use, including use in commercial offices or recreational facilities, or as otherwise outlined in the Product's owner's manual;
- Damage or failure caused by the use of any accessories, components or cleaning products, including, without limitation, water filters, that are not approved/authorized by **SIGNATURE KITCHEN SUITE**;
- Replacement of the water filter cartridge due to water pressure that is outside the specified operating range or due to excessive sediment in the water supply;
- Damage or failure caused by transportation and handling, including scratches, dents, chips and/or other damage to the finish of the Product, unless such damage results from defects in materials or workmanship and is reported to **SIGNATURE KITCHEN SUITE** within one (1) week of delivery of the Products;
- Damage or missing items to any display, open box, refurbished or discounted Product;
- Refurbished Product or any Product sold "As Is", "Where Is", "With all Faults", or any similar disclaimer;
- Products with original serial numbers that have been removed, altered or cannot be readily determined at the discretion of **SIGNATURE KITCHEN SUITE**;
- Increases in utility costs and additional utility expenses in any way associated with the Product;
- Any noises associated with normal operation of the Product;
- Replacement of light bulbs, filters, fuses or any other consumable parts;
- Replacement of any part that was not originally included with the Product;
- Costs associated with removal and/or reinstallation of the Product for repairs; and
- Racks, shelves, door bins, drawers, handle and accessories to the Product, except for internal/functional parts covered under this Limited Warranty.

All costs and expenses associated with the above excluded circumstances, listed under the heading, This Limited Warranty Does Not Cover, shall be borne by the consumer.

TO OBTAIN WARRANTY SERVICE AND ADDITIONAL INFORMATION, PLEASE CALL OR VISIT OUR WEBSITE:

- Call 1-888-289-2802 and select the appropriate option from the menu.
- Visit our website at <http://www.signaturekitchensuite.com>
- By mail: 20 Norelco Drive, North York, ON, M9L 2X6



Customer Information Center

For inquiries or comments, call;

1-855-790-6655 USA, Consumer User

1-888-289-2802 CANADA, Consumer User