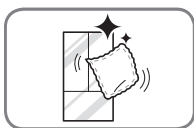


# OPERATION

## Before Use

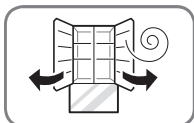
### Checklist

**Clean the refrigerator.**

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

**⚠ CAUTION**

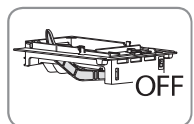
- Do not scratch the refrigerator with a sharp object or use a detergent that contains alcohol, a flammable liquid or an abrasive when removing any tape or adhesive from the refrigerator. Remove adhesive residue by wiping it off with your thumb or dish detergent.
- Do not peel off the model or serial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

**Connect the power supply.**

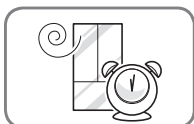
Check if the power supply is connected before use.

**Turn off the icemaker.**

Turn off the icemaker if the refrigerator is not yet connected to the water supply.

**NOTE**

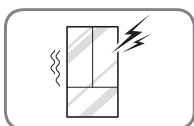
- The icemaker water valve may buzz if the icemaker is turned on while the refrigerator is not connected to the water supply.

**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.

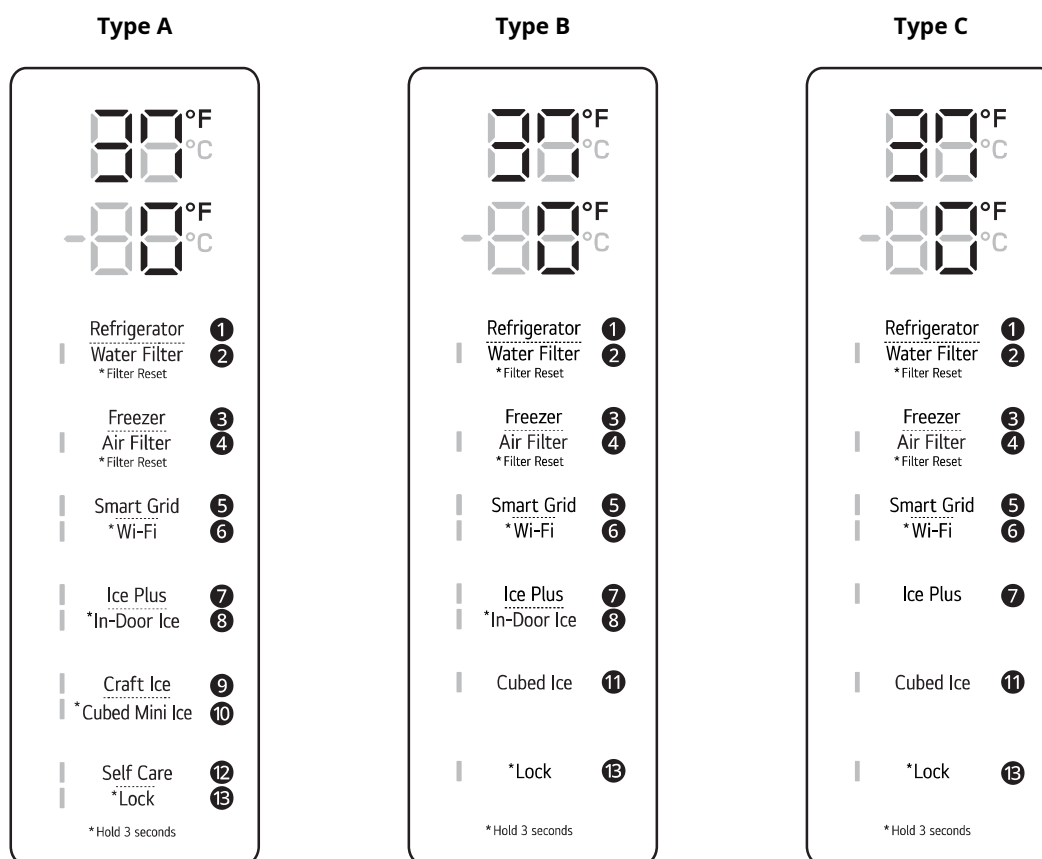
## Control Panel

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

† This feature is only available on some models.



#### ① Refrigerator

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 **Refrigerator** button repeatedly to select a new set temperature from 33 °F to 43 °F (1 °C to 7 °C).

#### NOTE

- To change the temperature mode from °F to °C (or vice versa) press and hold the **Refrigerator** and **Freezer** buttons simultaneously for approximately five seconds. The temperature indicator on the display window switches between Celsius and Fahrenheit.
- 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.

#### ② Water Filter

Replace the water filter when the **Water Filter** indicator turns on. After replacing the water filter, press and hold the **Water Filter** button for three seconds to turn the indicator light off. Replace the water filter approximately every six months.

**③ Air Filter**

The air filter helps remove odors from the refrigerator.

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**NOTE**

- Replace the air filter when the air filter indicator turns on. After replacing the air filter, press and hold the **Air Filter** button for 3 seconds to turn the indicator off. Replace the air filter approximately every six months.
- 

**④ Freezer**

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 **Freezer** button repeatedly to select a new set temperature from - 7 °F to 5 °F (-23 °C to -15 °C).

**⑤ Smart Grid**

Press the **Smart Grid** button to turn the function On/Off. When the function is on, the indicator illuminates. The function automatically turns on when the refrigerator is connected to the Wi-Fi network. The Smart Grid function is only available if your electric utility company supports the function. When the refrigerator is responding to a Demand Response (DR) message from the electric company, the indicator blinks.

**⑥ Wi-Fi**

The Wi-Fi button, when used with the **LG ThinQ** app, allows the refrigerator to connect to a home Wi-Fi network. Refer to Smart Functions for information on the initial setup of the app.

The Wi-Fi indicator shows the status of the refrigerator's network connection. The indicator illuminates when the refrigerator is connected to the Wi-Fi network.

Press and hold the **Wi-Fi** button for 3 seconds to connect to the network. The indicator blinks while the connection is being made and then turns on once the connection is successfully made.

**⑦ Ice Plus<sup>†</sup>**

This function increases both ice making and freezing capabilities.

- Press the **Ice Plus** button to illuminate the icon and activate the function for 24 hours. The function automatically shuts off after 24 hours.
- Stop the function manually by pressing the button once more.

**⑧ In-Door Ice<sup>†</sup>**

Press and hold the **In-Door Ice** button for three seconds to turn the in-door icemaker on/off.

**⑨ Craft Ice<sup>†</sup>**

Press the **Craft Ice** button repeatedly to select between the **3 ICE**, **6 ICE** and **OFF** modes.

After 5 seconds of idle time, the last mode will be saved, and the display will return to normal.

- To turn off the **Craft Ice** maker, select the **OFF** mode.
- To turn on the **Craft Ice** maker, 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.
- 

**⑩ Cubed Mini Ice<sup>†</sup>**

Press and hold the **Cubed Mini Ice** button for three seconds to turn the **Cubed Mini Ice** maker on/off.

**⑪ Cubed Ice<sup>†</sup>**

Press and hold the **Cubed Ice** button for three seconds to turn the **Cubed Ice** maker on/off.

**12 Self Care<sup>†</sup>**

UV light is used to keep the water outlet clean. UV clean function runs automatically for 10 minutes every hour or can be manually activated at any time.

Press and hold this button for 3 seconds to activate it manually.

**NOTE**

- During operation, the function stops if the **Water** button is pressed. It resumes automatically after 1 hour.
- The function runs automatically for 10 minutes every hour without requiring you to press the **Self Care** button.
- UVnano is a compound word derived from the words UV and its unit, a nanometer.

**13 Lock**

The lock function disables every other button on the display.

- When power is initially connected to the refrigerator, the lock function is off.
- To lock the control panel buttons, press and hold the **Lock** button until the indicator appears in the display and the function is activated.
- To disable the function, press and hold the **Lock** button for approximately three seconds.

**NOTE****Display Mode and InstaView Display Mode (For Store Use Only)**

- The **Display Mode** disables all cooling in the refrigerator and freezer sections to conserve energy while on display in a retail store. When activated, OFF is displayed on the control panel and the display remains on for 20 seconds.
  - To deactivate/activate the Display Mode:  
Open either refrigerator door. Press the **Ice Plus** button 3 times while pressing and holding the **Refrigerator** button. The control panel beeps and the temperature settings display to confirm that Display Mode is deactivated. Use the same procedure to activate Display Mode.
- The **InstaView Display Mode** automatically turns the LED light inside the InstaView Door-in-Door on and off in cycles of 10 seconds ON and 2 minutes 50 seconds OFF.
  - To activate the InstaView Display Mode:  
Activate the Display Mode first. Then open all refrigerator and freezer doors and within 5 seconds knock 3 times on the door glass.
  - To deactivate the InstaView Display Mode:  
Open all refrigerator and freezer doors and within 5 seconds knock 3 times on the door glass. The refrigerator is now in Display Mode.
- To deactivate the Display Mode and InstaView Display Mode at once:  
Open either refrigerator door. Press the **Ice Plus** button 3 times while pressing and holding the **Refrigerator** button.

**Sabbath Mode****Using the Sabbath Mode**

Sabbath mode is used on the Jewish Sabbath and Holidays.

- To turn Sabbath mode on, touch the display to activate it, then press and hold the **Freezer** and

**Wi-Fi** buttons for 3 seconds until 5b appears in the display.

- To turn Sabbath mode off manually, press and hold the **Freezer** and **Wi-Fi** buttons for 3 seconds.

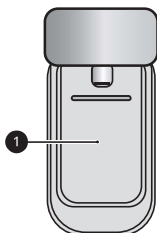
**NOTE**

- 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 alarm functions.
- The dispenser and InstaView are disabled in Sabbath mode, on applicable models.

## Water Dispenser

### Using the Water Dispenser

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

**CAUTION**

- Keep children away from the dispenser to prevent children playing with or damaging the controls.
- If water dispenses unexpectedly, turn off the water supply and contact an LG Electronics Customer Information Center.
- If the cup rim is small, water may splash out of the glass or miss it completely.

**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 appliance has not been used for a long time.
- 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.
- Some dripping may occur after dispensing. Hold the cup beneath the dispenser for a few seconds after dispensing to catch all of the drops.

### Cleaning the Dispenser

- Wipe the entire area with a damp cloth. The dispenser may become wet easily due to spilled water.
- Wipe the dispenser outlet frequently with a clean cloth as it may get dirty easily.

**NOTE**

- Lint from a cloth may adhere to the outlet.

## Automatic Icemaker

**WARNING**

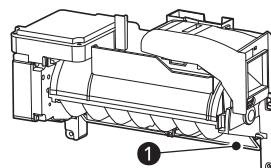
- DO NOT place fingers in the automatic icemaker when the refrigerator is plugged in.
- Avoid contact with any moving parts of the ejector mechanism or with the heater that releases the ice cubes.

### Before Using the In-Door Icemaker

**NOTE**

- Ice is made in the automatic in-door icemaker and sent to the dispenser. The icemaker produces 70 - 182 cubes in a 24-hour period, depending on freezer compartment temperature, room temperature, number of door openings and other operating conditions.
- It takes about 12 to 24 hours for a newly installed refrigerator to begin making ice.
- Ice-making stops when the in-door ice bin is full. When full, the in-door ice bin holds approximately 6 to 8 (12-16 oz.) glasses of ice.
- Foreign substances or frost on the ice-detecting sensor can interrupt ice production. Make sure the sensor area is clean at all times for proper operation.
- To increase ice production, use the **Ice Plus** function. The function increases both ice making and freezing capabilities.

### In-Door Icemaker



## ❶ Auto Shutoff (feeler arm)

### Before Using the Freezer Icemaker

This feature is only available on some models.

The feature may vary depending on model purchased.

#### ⚠ CAUTION

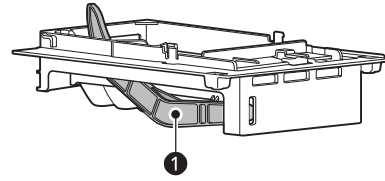
- Store only ice in the ice bin. Do not store ice scooping tools or other items in the ice bin.
- Ice may overflow when removing or assembling the ice bin. Remove any ice in the bin area before assembling the ice bin.
- Make sure that the ice bin is assembled in the correct orientation front to back.
- Models with two ice bins in the freezer:
  - The **Craft Ice** bin is located on the left and the **Cubed Mini Ice** bin is located on the right. Do not change the positions of the two ice bins.
  - Do not store **Craft Ice** in the **Cubed Mini Ice** bin or **Cubed Mini Ice** in the **Craft Ice** bin.

#### NOTE

- Throw away the first bin full of ice after installation. This is also necessary if the refrigerator has not been used for a long time.
- The icemaker begins producing ice approximately 48 hours after the appliance is initially installed.
- 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.



#### ❶ 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.

### Normal Sounds You May Hear

- Keeping the power turned on to the icemaker before the water line is connected can damage the icemaker.
- The icemaker water valve buzzes as the icemaker fills with water. If the icemaker power button is in the ON position, it will buzz even if it has not yet been hooked up to water. To stop the buzzing, press the icemaker power button to turn it off.
- You will hear the sound of ice dropping into the bin and water running in the pipes as the icemaker refills.

### Preparing for Vacation

Set the icemaker power button to OFF and shut off the water supply to the refrigerator.

#### NOTE

- The ice bin should be emptied any time the icemaker power button is turned to the OFF position.

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. 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.
- 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.

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### 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.

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### 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

- 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.

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## 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

## Humidity Controlled Crispers

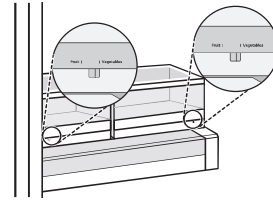
### Using the Humidity Controlled Crispers

This feature is only available on some models.

The crispers provide fresher tasting fruit and vegetables by letting you easily control humidity inside the drawer.

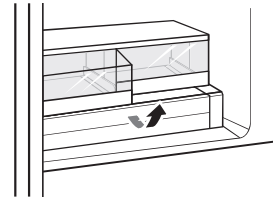
You can control the amount of humidity in the moisture-sealed crispers by adjusting the control to any setting between **Vegetables** and **Fruit**.

- **Vegetables** keeps moist air in the crisper for best storage of fresh, leafy vegetables.
- **Fruit** lets moist air out of the crisper for best storage of fruit.

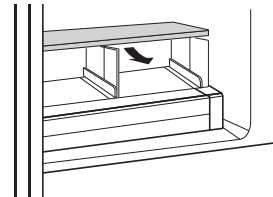


### Removing/Assembling the Humidity Controlled Crispers

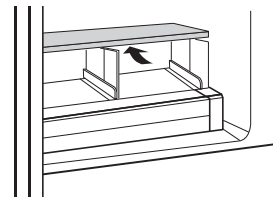
- 1 To remove, pull the crisper out to full extension, lift the front up, and pull straight out.



- 2 Lift the front of the cover up with both hands until it detaches from the back wall of the cabinet, and pull it out.

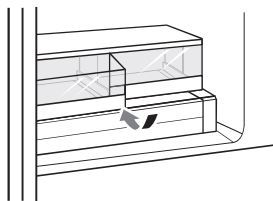


- 3 To reassemble, insert the cover into the refrigerator with both hands and lower it onto the guides.



- 4 Slightly tilt up the front of the crisper, insert it into the frame, and push it back into place.





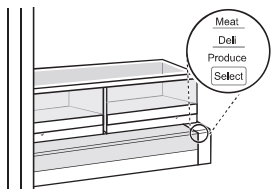
## Glide'N'Serve

### Using the Glide'N'Serve

This feature is only available on some models.

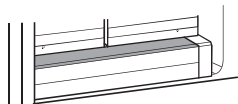
This function provides storage space with a variable temperature control that can keep the compartment at a slightly different temperature than the refrigerator section. This drawer can be used for large party trays, deli items and beverages. (This drawer should not be used to store vegetables that require high humidity.)

Press the **Select** button to choose between **Produce** (Cold), **Deli** (Colder) and **Meat** (Coldest).



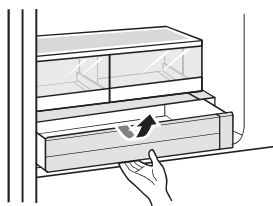
### CAUTION

- Do not place any items on the Glide'N'Serve cover.

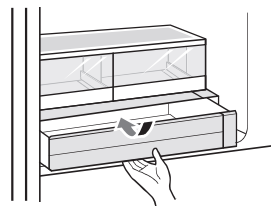


### Detaching/Assembling the Glide'N'Serve

- To remove the Glide'N'Serve, pull out the drawer until it stops, lift the front up, and pull straight out.



- To assemble, slightly tilt up the front, insert the drawer into the frame and push it back into place.



## Refrigerator Shelves

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

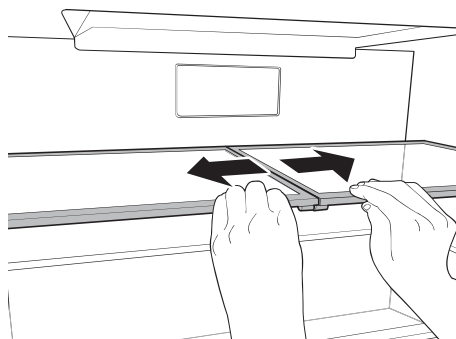
Adjusting the shelves to fit items of different heights will make finding the exact item you want easier.

### Detaching/Assembling Shelves

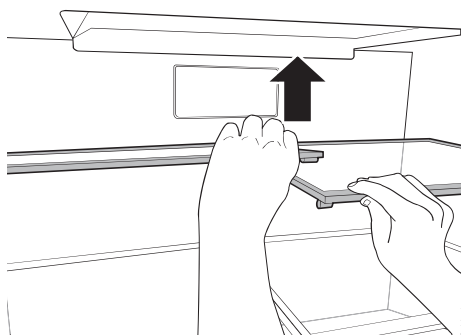
#### CAUTION

- Do not clean glass shelves with warm water while they are cold. Shelves may break if exposed to sudden temperature changes or impact.

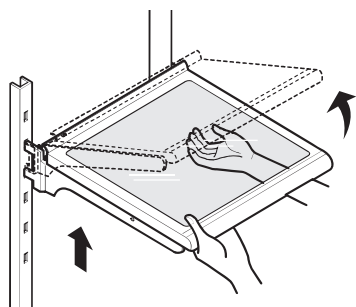
- To detach a shelf, hold the adjoining shelf so that it does not move.
- Pull the two shelves apart in the middle and tilt up the front of the shelf you want to remove until it's free from the other shelf.



- Support the shelf from the bottom and lift it straight up.



#### 4 Pull the shelf out.

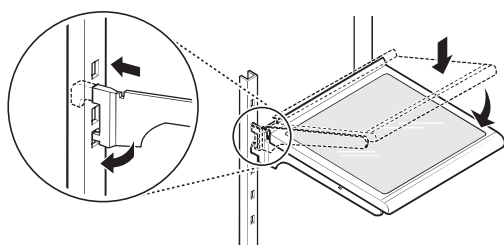


#### 5 To assemble, tilt the front of the shelf up and guide the shelf hooks into the slots at a desired height.

#### 6 Lower the front of the shelf so that the hooks drop into the slots.

#### ⚠ 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.

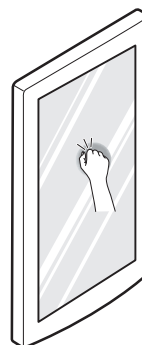


## InstaView

This feature is only available on some models.

## InstaView Compartment

Knock twice on the glass to turn the LED light inside the InstaView on or off. The LED light turns off automatically after 10 seconds.



#### NOTE

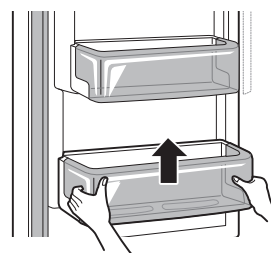
- The LED light does not turn on if the right refrigerator door is open.
- The **InstaView** function will not activate for two seconds after closing the door.
- The **InstaView** function is disabled when the ice dispenser is in use.

## Door Bins

### Detaching/Assembling Door Bins

The door bins are removable for easy cleaning and adjustment.

#### 1 To remove the bin, simply lift the bin up and pull straight out.



#### 2 To assemble the bin, slide it in above the desired support and push down until it snaps into place.

#### ⚠ CAUTION

- Regularly detach and wash the storage bins and shelves; they can become easily contaminated by food.

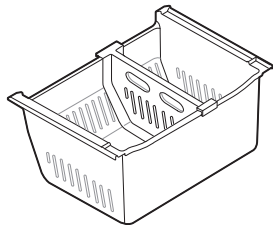
**⚠ CAUTION**

- Do not apply excessive force while detaching or assembling the storage bins.
  - Do not use the dishwasher to clean the storage bins and shelves.
- 

## Durabase

### Using the Durabase

The **Durabase** divider allows you to organize the **Durabase** area into 2 sections. It can be adjusted from side to side to accommodate items of different sizes.



**⚠ WARNING**

- If the **Durabase** divider is removed, there is enough open space for children or pets to crawl inside. To prevent accidental child and pet entrapment or suffocation risk, DO NOT allow children or pets to touch or go near the drawer.
-