

LG DISHWASHERS

LDT5552S

Top Control Wi-Fi Enabled Dishwasher
with TrueSteam® and 3rd Rack

QuadWash®

TrueSteam®

Smudge Resistant Finish

3rd Rack

EasyRack™ Plus System

Stainless Steel Tub

Inverter Direct Drive™ Motor

LoDecibel™ Quiet Operation (46 dBA)

ENERGY STAR® Qualified

Enjoy new ways to control your home with LG
smart appliances

- Get notifications when dishes are clean
- Monitor the cycle time from your smartphone
- Works with the LG ThinQ® app



CAPACITY	
Total Place Settings	15
Upper Rack Dish Height Limit	7.1"
Lower Rack Dish Height Limit	12.5"
RACKS AND BASKETS	
Cutlery Baskets	Yes
Cup Rack	Yes
Fold Down Tines	Yes (Half Upper & Lower)
BPA-Free Nylon Coated Racks and Tines	Yes
Rack Handle	Yes (Upper)
EasyRack™ Plus System	Yes
Height Adjustable Upper Rack	Yes
3rd Rack (Adjustable)	Yes
STYLE AND DESIGN	
Control Panel Location	Top Control
Electronic Controls	Fully Integrated Control Panel
Tub Material	NeveRust™ Stainless Steel
Handle	Bar Handle
Available Finishes	Smudge Resistant Stainless Steel, Black Stainless Steel
FEATURES	
QuadWash®	Yes
TrueSteam®	Yes
Inverter Direct Drive Motor	Yes
LoDecibel™ Quiet Operation	46 dBA
Number of Wash Cycles	10 (Auto, Heavy, Delicate, Refresh, Normal, Turbo, Download Cycle, Machine Clean, Rinse, Express)
Number of Options	9 (Dual Zone, Half Load, Energy Saver, Steam, High Temp, Extra Dry, Delay Start, Control Lock, Night Dry)
Number of Spray Arms	3 (Top, Upper, Lower)
SenseClean™ Wash System	Yes
Vario Wash	Yes
Detergent and Rinse-Aid Dispenser	Yes
Hybrid Condensing Drying System	Yes
End of Cycle Indicator	Yes (Beeper + END indication on display)
Hidden Water Heater	Yes
Safety Float Switch (Leaks)	Yes
Soil (Turbidity) Sensor	Yes

Tub Insulation (Damping Sheet, Sound Absorbing Material (felt), Base)	Yes
BPA-Free Nylon Coated Racks and Tines	Yes
Anti-Bacterial Treatment (Sump, Inner / Outer filter, Drain pump case, Drain hose)	Yes
Balanced Door	Yes
3-Stage Filtration System	Yes
THINQ® SMART FEATURES	
Wi-Fi Enabled	Yes
Voice Activation	Yes
Works with	Google Assistant, Amazon Alexa
SmartDiagnosis™	Yes
POWER RATINGS	
ENERGY STAR® Qualified	Yes
CEE Tier	1
Energy Use (kWh/Year)	258 kWh/Year
Water Factor (WF)	2.8
DIMENSIONS / CLEARANCES / WEIGHT	
Product Dimensions (in) (W x H x D)	23.75" x 33.6" x 24.6"
Product Weight (lbs)	79.6 lbs
Depth with Door Closed with Handle (in)	24.6"
Depth with Door Open (in)	50.5"
Carton Dimensions (in) (W x H x D)	28" x 34.7" x 29.6"
Shipping Weight with Carton (lbs)	91.7 lbs
LIMITED WARRANTY	
Labour	1 Year
Parts	1 Year
Control Board, Rack, Stainless Steel Door Liner and Tub	5 Years
Inverter Direct Drive Motor	10 Years
UPC CODES	
LDT5552S (Smudge Resistant Stainless Steel)	048231342346
LDT5552D (Black Stainless Steel)	048231342568

LG DISHWASHERS

LDT5552S

Top Control Wi-Fi Enabled Dishwasher
with TrueSteam® and 3rd Rack

QUICK INSTALL & CLEARANCES

For full installation directions/clearances please refer to the corresponding User Manual and Installation Guide.

DIMENSIONS / CLEARANCES / WEIGHT

Product Dimensions (in) (W x H x D)	23.75" x 33.6" x 24.6"
Depth with Door Closed with Handle (in)	24.6"
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Carton Dimensions (in) (W x H x D)	28" x 34.7" x 29.6"

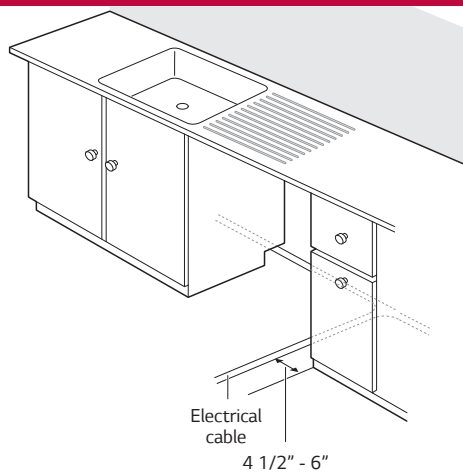
POWER RATINGS

ENERGY STAR® Qualified	Yes
CEE Tier	1
Energy Use (kWh/Year)	258 kWh/Year
Water Factor (WF)	2.8



PREPARING ELECTRICAL WIRING

- Operate this appliance with the correct voltage as shown in your User Manual and on the rating plate. Connect it to a dedicated, properly grounded branch circuit which is protected by a time delay fuse. Connect the appliance using 3-wires, including a ground wire.
- If an outlet and other power connector are used, it should be in an accessible location adjacent to and not behind the dishwasher and within 4 ft. of the dishwasher's side.
- The wiring must be grounded properly. If in doubt, have it checked by a qualified electrician. Do not connect any other appliance to the same outlet.
- Route the wiring.
- Make sure the electrical cable is oriented in the right side channel.

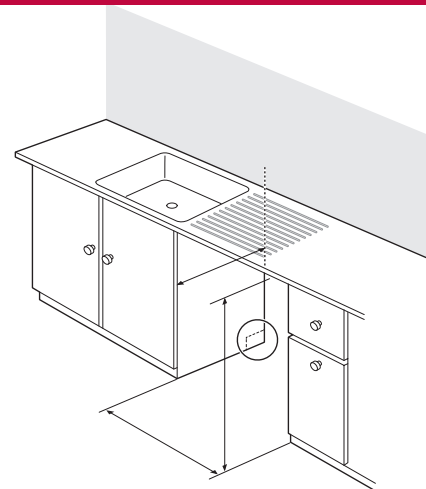


WARNING

- For personal safety, remove house fuse or open circuit breaker before installation.
- Do not use an extension cable or adapter with this dishwasher
- If you find any damage to the dishwasher, contact your retailer or contractor.

PREPARING CABINET OPENING

- This dishwasher is designed to fit a standard dishwasher opening. An opening may be needed on both sides to route plumbing and electrical connections.
- Select a location as close to the sink as possible for easy connections to water and drain lines.
- To ensure proper drainage, install the dishwasher no more than 12 ft. from the sink.
- If installing the dishwasher in a corner, leave a minimum of 2" between the dishwasher and the adjacent wall.
- To allow for proper clearance of plumbing and electrical, use the template included with the literature to determine the clearance on the side of the cabinet where the cabinet meets the back wall. Using a 2 1/2" diameter hole saw, drill a hole in the target area as shown on the template.



WARNING

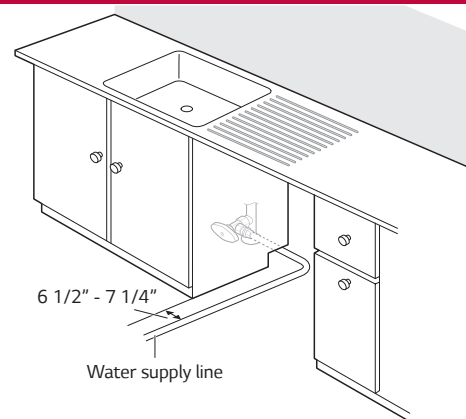
Don't use existing holes unless they are in the target area. Otherwise, the water supply and drain hose may be damaged by being crushed or kinked.

CAUTION

Failure to properly locate the hole for the water and drain lines may prevent the dishwasher from installing flush with the cabinets and could result in kinked or damaged lines. Installation damage is not covered by the warranty, and leaks caused by improper installation may result in property damage.

PREPARING WATER SUPPLY CONNECTION

- Make sure the house water supply is turned off before connecting the dishwasher water lines.
- Connect the dishwasher to a hot water supply with a temperature range between 12°F (49°C) and 149°F (65°C). This temperature range provides the best washing results and shortest cycle time. To prevent damage to dishes, the temperature should not exceed 149°F (65°C).
- When connecting the dishwasher water line, sealing tape or compound should be used on pipe threads to avoid leaks. Tape or compound should not be used on compression fittings.
- The water supply tube must be located in the left side channel.



NOTE

Use new hoses when connecting to the water supply. Do not reuse old hoses.



OWNER'S MANUAL

FRENCH DOOR REFRIGERATOR

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

ENGLISH

LRYDS3106* / LRYKS3106* / LRYUS3106* / LRYXS3106* / LRYDC2606* /
LRYKC2606* / LRYUC2606* / LRYXC2606* / LRFOC2606*



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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 reduce the risk of injury to persons, adhere to all industry recommended safety procedures including the use of long-sleeved gloves and safety glasses.
- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- Only connect this product to a dedicated grounded electrical outlet rated for use with this product (115 V, 60 Hz, AC only). It is the user's responsibility to replace a standard 2-prong wall outlet with a standard 3-prong wall outlet.
- Do not use an outlet that can be turned off with a switch. Do not use an extension cord.
- The appliance must be positioned for easy access to a power source.
- When moving the refrigerator, be careful not to roll over or damage the power cord.
- Contact an authorized service center when installing or relocating the refrigerator.
- Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.
- Keep packing materials out of the reach of children. Packaging material can be dangerous for children. There is a risk of suffocation.
- Do not install the refrigerator in a damp or dusty place where insulation on electrical parts may deteriorate.
- Do not place the refrigerator in direct sunlight or expose it to the heat from heating appliances such as stoves or heaters.

4 IMPORTANT SAFETY INSTRUCTIONS

- Do not bend or pinch the power cord excessively or place heavy objects on it.

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 appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- 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.
- 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 cord of the refrigerator.
- Disconnect the power cord 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 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.
- This appliance incorporates an earth connection for functional purposes only.

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.
- Unplug the power plug 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.
- Unplug the power plug 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.

Disposal

- Risk of child entrapment. 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.
- When discarding the appliance, remove the door gasket while leaving the shelves and bins in place, and keep children away from the appliance.

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.
- Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet. Failure to do so may damage the power cord, resulting in a risk of fire and electric shock.

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.

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 refrigerator.
- 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

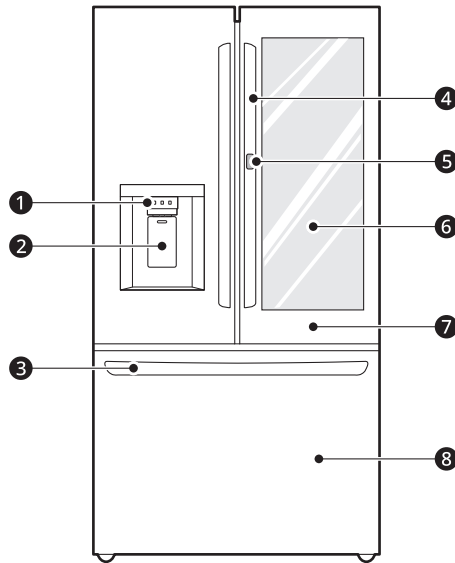
PRODUCT OVERVIEW

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.

Exterior

† This feature is only available on some models.



❶ Dispenser Control Panel

Sets the dispenser mode.

❷ Filtered Water and Ice Dispenser

Dispenses purified water and ice.

❸ SmartPull™ Handle

Easily opens the freezer door.

❹ Handle

Opens and closes the refrigerator door.

❺ Door Button

Opens the Door-in-Door compartment.

❻ InstaView Door-in-Door†

The **InstaView Door-in-Door** compartment allows for easy access to commonly used food items.

❼ Refrigerator

Fresh food compartment

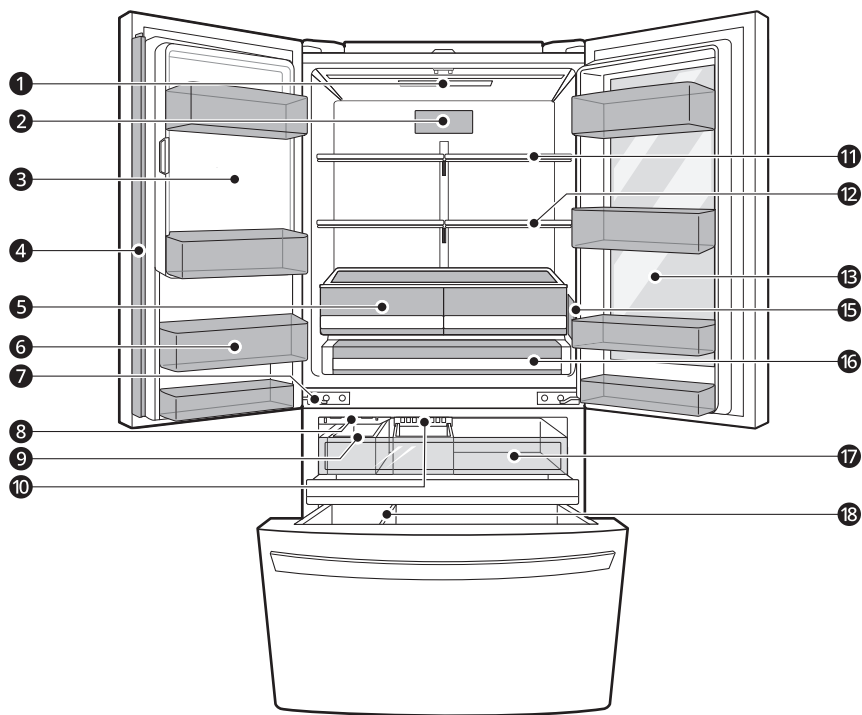
❽ Freezer

Frozen food compartment

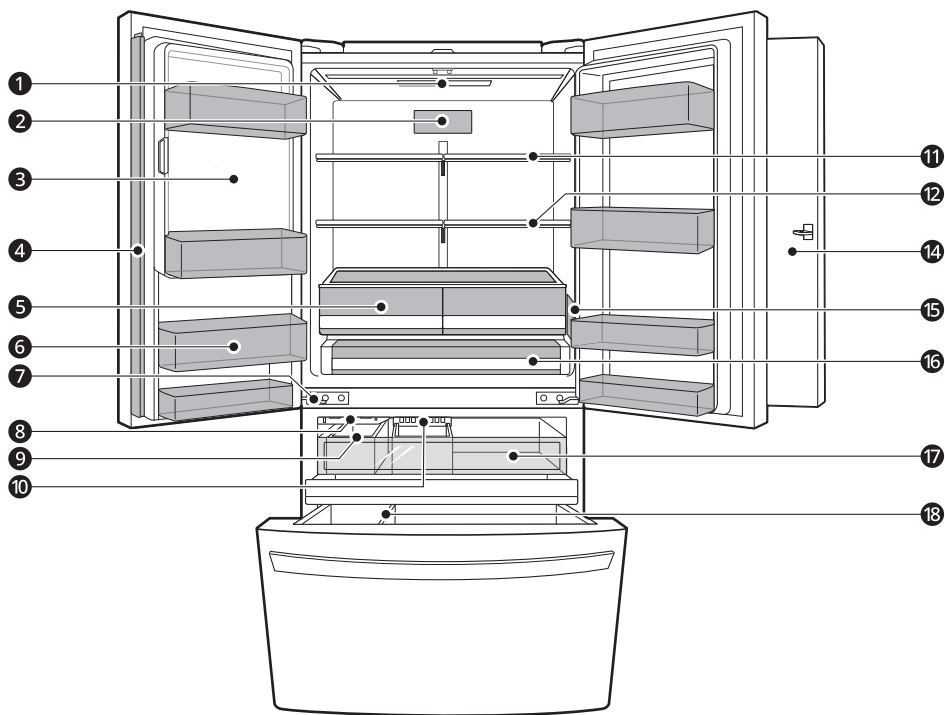
Interior

† This feature is only available on some models.

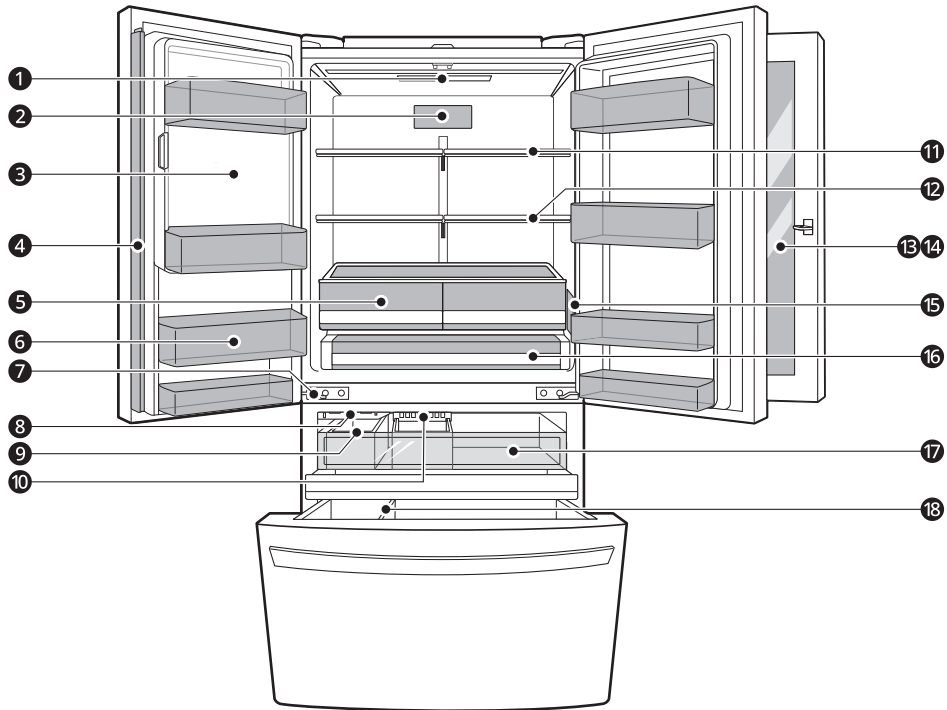
Standard Door / InstaView Door Model:



Door-in-Door Model:



InstaView Door-in-Door Model:



1 LED Interior Lighting

Lights up the inside of the refrigerator.

2 Air Filter

Reduces odors inside the refrigerator compartment.

3 In-Door Icemaker (Refrigerator)

Automatically produces and stores ice.

4 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.

5 Humidity Controlled Crisper[†]

Helps vegetables and fruit to stay crisp and controls humidity.

6 Fixed Door Bin

Stores chilled food or drinks.

7 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°.)

8 Automatic Icemaker A (Freezer)

Produces ice automatically.

10 PRODUCT OVERVIEW

9 Ice Bin

If a large amount of ice is needed, transfer the ice in the in-door ice bin to an ice storage bin in the freezer.

10 Automatic Icemaker B (Freezer)[†]

Produces ice automatically.

11 Adjustable Refrigerator Shelf

The refrigerator shelves are adjustable to meet individual storage needs.

12 Folding Shelf[†]

Store taller items, such as gallon containers or bottles, by pushing the front half of the shelf underneath the back half of the shelf.

13 Instaview[†]

Knock twice on the glass to turn the LED light inside the **InstaView** on or off.

14 Door-in-Door Compartment[†]

Stores commonly used food items such as beverages and snacks.

15 Control Panel

Sets the refrigerator and freezer temperatures or other functions.

16 Glide'N'Serve

Stores food items at a different temperature than the regular refrigerator area.

17 Pullout Drawer

Provides extra storage within the freezer compartment.

18 Durabase and Durabase Divider

Provides storage for large frozen food items.

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)

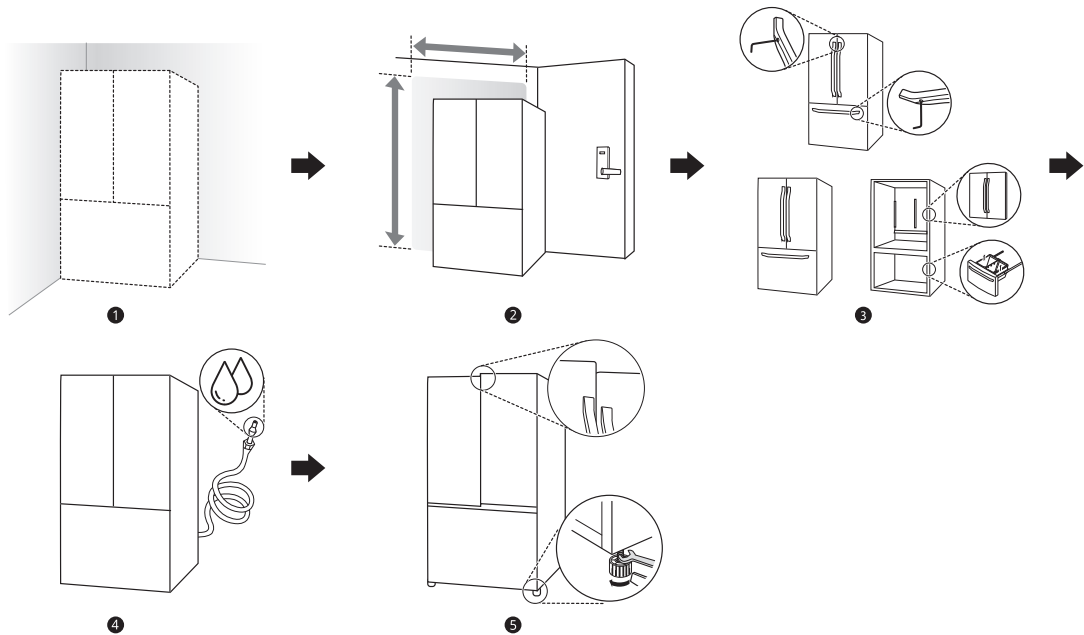
Model	Description	Net weight
LRYDS3106*	Standard-depth, InstaView Door-in-Door French Door Refrigerator, Bottom Freezer	340 lb (154 kg)
LRYKS3106*	Standard-depth, Door-in-Door French Door Refrigerator, Bottom Freezer	317 lb (144 kg)
LRYUS3106*	Standard-depth, InstaView French Door Refrigerator, Bottom Freezer	326 lb (148 kg)
LRYXS3106*	Standard-depth, French Door Refrigerator, Bottom Freezer	304 lb (138 kg)
LRYDC2606*	Counter-depth, InstaView Door-in-Door French Door Refrigerator, Bottom Freezer	313 lb (142 kg)
LRYKC2606*	Counter-depth, Door-in-Door French Door Refrigerator, Bottom Freezer	291 lb (132 kg)
LRYUC2606*	Counter-depth, InstaView French Door Refrigerator, Bottom Freezer	300 lb (136 kg)
LRYXC2606*	Counter-depth, French Door Refrigerator, Bottom Freezer	278 lb (126 kg)
LRFOC2606*	Counter-depth, InstaView French Door Refrigerator, Bottom Freezer	291 lb (132 kg)

INSTALLATION

Before Installing

Installation Overview

Please read the following installation instructions first after purchasing this product or transporting it to another location.



- ❶ Unpacking the Refrigerator
- ❷ Choosing the Proper Location
- ❸ Disassembling/Assembling
- ❹ Connecting the Water Line
- ❺ Leveling and Door Alignment

⚠ WARNING

- Connect to potable water supply only.

Unpacking the Refrigerator

WARNING

- Use two or more people to move and install the refrigerator. Failure to do so can result in back injury or other injury.
- The refrigerator is heavy. Protect the floor when moving the refrigerator for cleaning or service. Always pull the refrigerator straight out when moving it. Do not wiggle or walk the refrigerator when trying to move it, as floor damage could occur.
- Keep flammable materials and vapors, such as gasoline, away from the refrigerator. Failure to do so can result in fire, explosion, or death.

NOTE

- Remove tape and any temporary labels from your refrigerator before using. Do not remove any warning labels, the model and serial number label, or the Tech Sheet that is located under the front of the refrigerator.
- To remove any remaining tape or glue, rub the area briskly with your thumb. Tape or glue residue can also be easily removed by rubbing a small amount of liquid dish soap over the adhesive with your fingers. Wipe with warm water and dry.
- Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These products can damage the surface of your refrigerator.
- Reinstall or adjust shelves as needed. Refrigerator shelves are installed in the shipping position. Reinstall shelves according to your individual storage needs.

install a booster pump to compensate for the low pressure.

Electricity

Use an individual, grounded outlet: 115 Volts, 60 Hz, AC, 15 amps minimum.

WARNING

- Do not overload house wiring and cause a fire hazard by plugging in multiple appliances in the same outlet with the refrigerator.
- To reduce the risk of electric shock, do not install the refrigerator in a wet or damp area.

Flooring

To avoid noise and vibration, the unit must be installed and leveled on a solidly constructed floor. If required, adjust the leveling legs to compensate for the unevenness of the floor.

NOTE

- Installing on carpeting, soft tile surfaces, a platform or weakly supported structure is not recommended.

Ambient Temperature

Install this appliance in an area where the temperature is between 55 °F (13 °C) and 110 °F (43 °C).

If the temperature around the appliance is too low or high, cooling ability may be adversely affected.

Choosing the Proper Location

Water

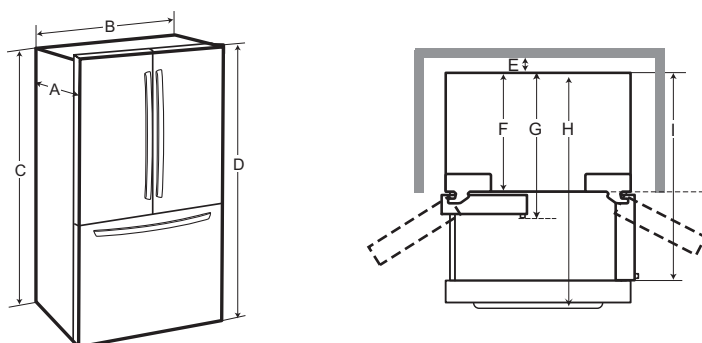
The refrigerator must be located where a water supply can be connected for the automatic icemaker.

NOTE

- The water pressure must be 20 - 120 psi or 138 - 827 kPa or 1.4 - 8.4 kgf/cm². If the refrigerator is installed in an area with low water pressure (below 20 psi or 138 kPa or 1.4 kgf/cm²), you can

Dimensions and Clearances

- Check the dimensions of the appliance and the installation path to ensure there is sufficient room to move the refrigerator through doors or narrow openings.
- If an opening is too narrow to fit the refrigerator through, remove the refrigerator doors. See Removing/Assembling the Doors and Drawers in this manual.
- The installation location chosen for the refrigerator should allow space behind the unit for connections and airflow and space in front to open the doors and drawers.
- Too small of a distance from adjacent items may result in lowered freezing capability and increased electricity consumption charges. Allow at least 24 inches (610 mm) in front of the refrigerator to open the doors, and at least 2 inches (50.8 mm) between the back of the refrigerator and the wall.



-	Dimension/Clearance	LRYDS3106* LRYKS3106* LRYUS3106* LRYXS3106*	LRYDC2606* LRYKC2606* LRYUC2606* LRYXC2606* LRFOC2606*
A	Depth without Handle	34 1/4" (869 mm)	29 1/8" (739 mm)
B	Width	35 3/4" (908 mm)	35 3/4" (908 mm)
C	Height to Top of Case	68 7/8" (1750 mm)	68 7/8" (1750 mm)
D	Height to Top of Hinge	70 1/4" (1785 mm)	70 1/4" (1785 mm)
E	Back Clearance	2" (50 mm)	2" (50 mm)
F	Depth without Door	29 7/8" (758 mm)	24 3/4" (628 mm)
G	Depth with Handle	36 3/4" (932 mm)	31 5/8" (802 mm)
H	Depth (Total with Freezer Drawer Open)	57 7/8" (1467 mm)	48 7/8" (1239 mm)
I	Depth (Total with Door Open 90°)	48 3/4" (1236 mm)	43 5/8" (1106 mm)

Removing/Assembling Handles

These instructions are for models which ship with the handles assembled. For models shipped with the handles disassembled, follow the instructions included in the handle package.

- Tools Needed
 - Units shipped with disassembled handles: 3/32" and 1/4" Allen wrenches only
 - Units shipped with assembled handles: 3/32", 1/8" and 1/4" Allen wrenches

When moving the refrigerator through a narrow opening, removing the doors is preferred. If you must remove the handles, be very careful not to scratch the doors.

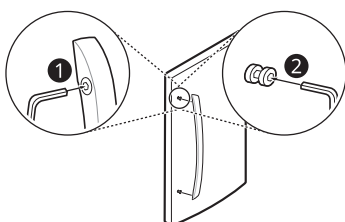
The appearance of the handles may vary from what is shown.

⚠ CAUTION

- When assembling or disassembling the refrigerator handles, grasp the handle firmly to avoid dropping it.
- Do not swing the handle into nearby people or animals.
- Make sure that the set screws are in place and the handle footprints at the ends of the handles are aligned correctly over the mounting fasteners on the doors. The set screws should be loose enough to allow the handle footprints to slide down into place over the mounting fasteners on the door.
- Make sure that there is not a gap between the door and handle after assembling the handle.

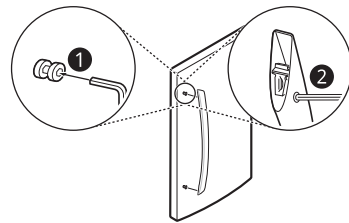
Removing Refrigerator Handles

- 1 Loosen the set screws ① with a 3/32 in. Allen wrench and remove the handle.
- 2 If needed, loosen the mounting fasteners ② that connect the refrigerator door and handle using a 1/4 in. Allen wrench, and remove the mounting fasteners.



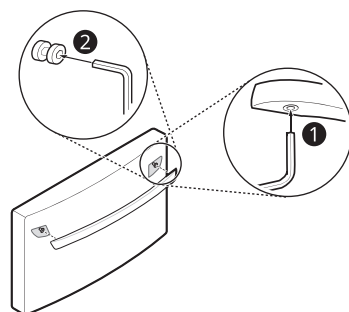
Assembling Refrigerator Handles

- 1 If needed, reassemble the mounting fasteners ① on the door with a 1/4 in. Allen wrench.
- 2 Place the handle on the door by fitting the handle footprints over the mounting fasteners and tightening the set screws ② with a 3/32 in. Allen wrench.



Removing Freezer Drawer Handles

- 1 Loosen the set screws ① located on the lower side of the handle with a 3/32 in. Allen wrench and remove the handle.
 - For models shipped with the handles assembled, use a 1/8 in. Allen wrench.
- 2 Loosen the mounting fasteners ② with a 1/4 in. Allen wrench, and remove the mounting fasteners.



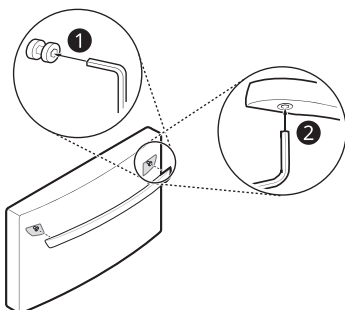
Assembling Freezer Drawer Handles

- 1 Assemble the mounting fasteners ① at both ends of the handle with a 1/4 in. Allen wrench.

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- 2** Place the handle on the door by fitting the handle footprints over the mounting fasteners and tightening the set screws **2** with a 3/32 in. Allen wrench.

- For models shipped with the handles assembled, use a 1/8 in. Allen wrench.



Removing/Assembling Doors and Drawers

If the entrance door is too narrow for the refrigerator to pass through, remove the refrigerator doors and move the refrigerator sideways through the doorway.

⚠ WARNING

- Use two or more people to remove and install the refrigerator doors and drawers.
- Disconnect the electrical supply to the refrigerator before installing.
- Do not put hands, feet or other objects into the air vents or bottom of the refrigerator.
- Be careful when handling the hinge and hinge lever.
- Remove food and bins before detaching the doors and drawers.
- Do not hold the handle when removing or replacing the doors and drawers as the handle may come off.

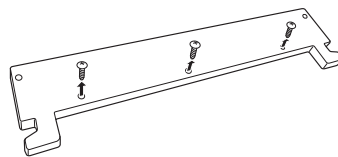
• Tools Needed

- Phillips screwdriver
- Flat-head screwdriver

Removing the Hinge Cover

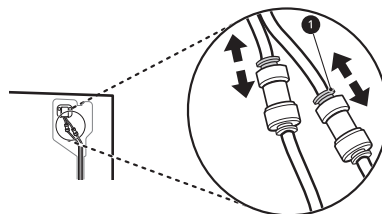
Remove the screws from the hinge cover at the top of the refrigerator. Lift the hook (not visible),

located at the bottom of the front side of the cover with a flat-head screwdriver.



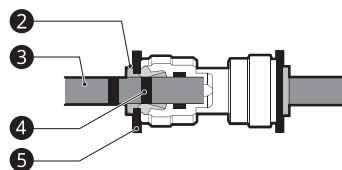
Removing the Left Refrigerator Door

- 1** The water supply is connected to the upper right part of the rear surface of the refrigerator. Remove the clip in the joint area. Hold the water supply connection and gently push the collet **1** to detach the water supply line as shown.



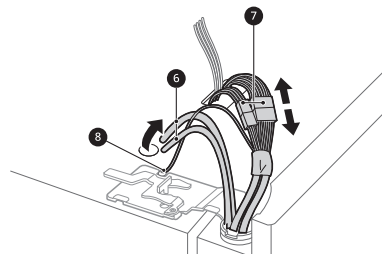
NOTE

- Disassembling/Assembling the Water Lines



2 Collet **3** Tube **4** Insert line **5** Clip

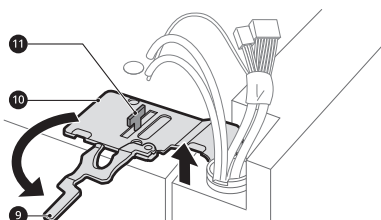
- 2** Pull out the water supply lines **6**. Disconnect all the wire harnesses **7**. Unscrew the ground wire **8**.



- 3 Rotate the hinge lever 9 counterclockwise. Lift the top hinge 10 free of the hinge lever latch 11.

CAUTION

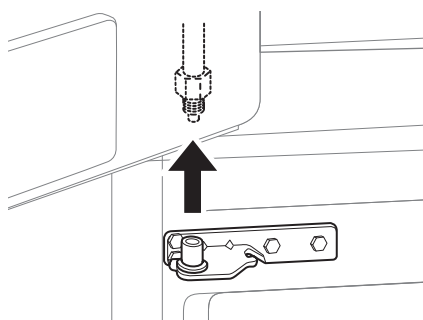
- When lifting the hinge free of the latch, be careful that the door does not fall forward.



- 4 Lift the door from the middle hinge pin and remove the door.

CAUTION

- Place the door, inside facing up, on a nonscratching surface.

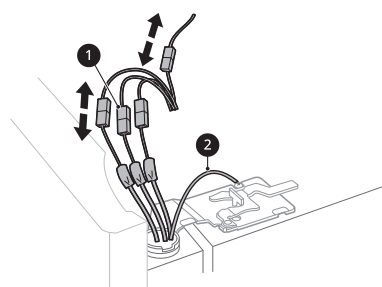


Removing the Right Refrigerator Door

- 1 Detach all the wire harnesses 1. Unscrew the ground wire 2.

NOTE

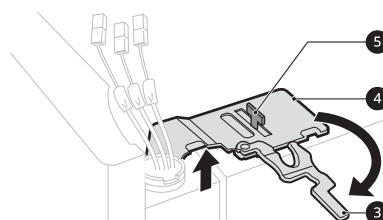
- The number of wire harnesses may vary depending on the model.
- Ground wire is only present on some models.



- 2 Rotate the hinge lever 3 clockwise. Lift the top hinge 4 free of the hinge lever latch 5.

CAUTION

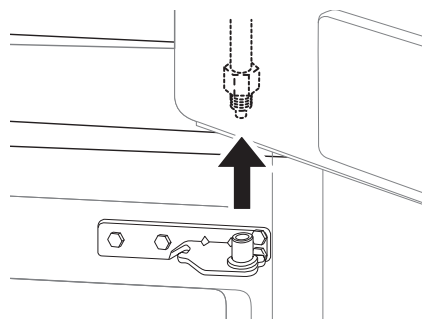
- When lifting the hinge free of the latch, be careful that the door does not fall forward.



- 3 Lift the door from the middle hinge pin and remove the door.

CAUTION

- Place the door, inside facing up, on a nonscratching surface.



Removing Freezer Drawers

WARNING

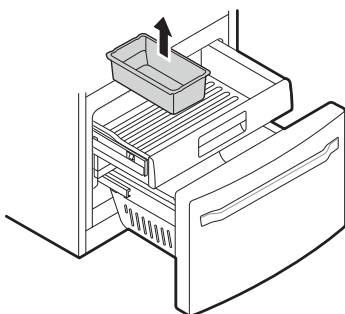
- Use two or more people to remove and install the refrigerator doors and freezer drawer.

⚠ WARNING

- 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 freezer drawer.
- To prevent accidents, keep children and pets away from the drawer. Do not leave the drawer open. If the Durabase® storage bin is removed from the freezer drawer, there is sufficient space for a small child or pet to crawl inside.

1 Pull the drawer open to full extension.

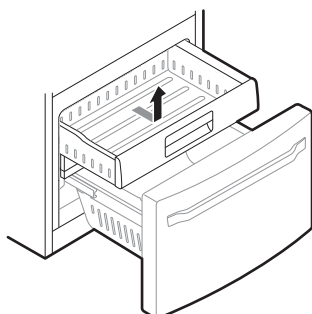
2 Gently lift and pull out the ice bin(s).



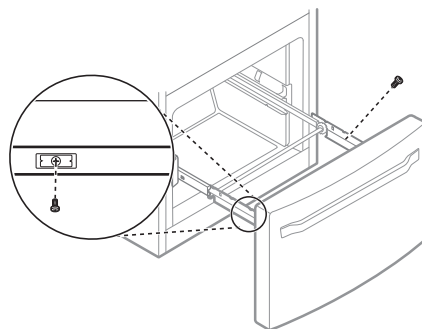
NOTE

- The number of ice bins may vary depending on the model.

3 Lift the front of the drawer up, then pull it straight out.



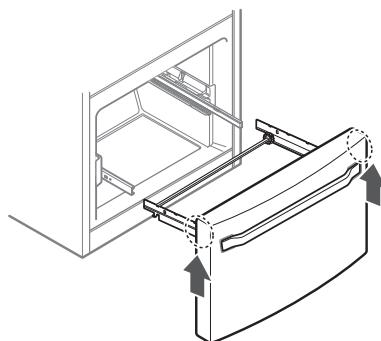
4 Remove the Durabase basket from the rails. Remove the screws from the rails at both ends.



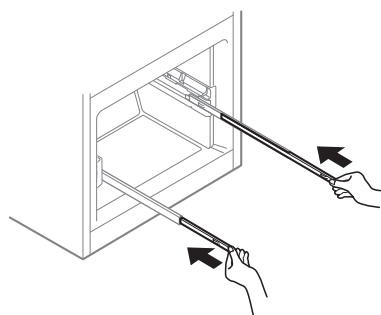
5 Grip both sides of the drawer and pull it up to remove it from the rails.

⚠ CAUTION

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

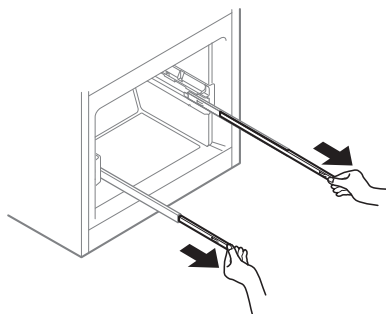


6 Hold both rails and push them in simultaneously.



Assembling Freezer Drawers

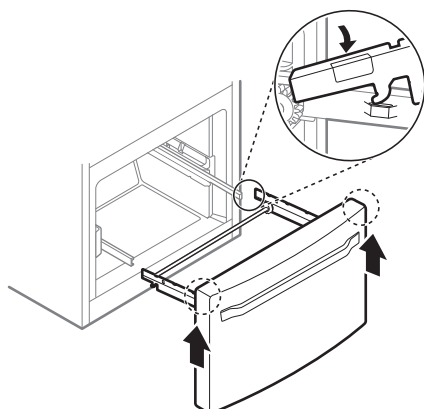
1 Pull out both rails simultaneously, until they are fully extended.



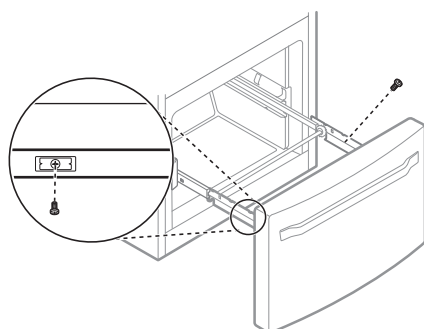
- 2 Grasp the drawer on each side and hook the drawer supports into the rail tabs located on both sides.

CAUTION

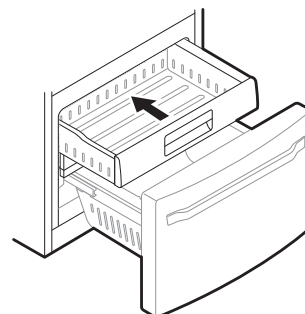
- Do not hold the handle when removing or replacing the drawer. The handle may come off, causing personal injury.



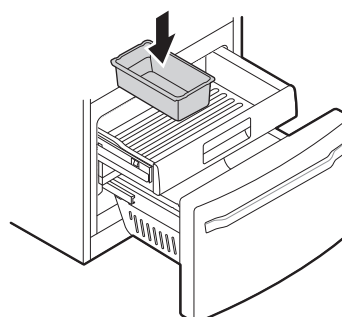
- 3 Lower the door into its final position and insert the screws in the rails on both sides.



- 4 Insert the drawer into the frame, and push the drawer back until it clicks into place.



- 5 Replace the ice bin(s) in the drawer. Insert the Durabase basket in the rail assembly.



NOTE

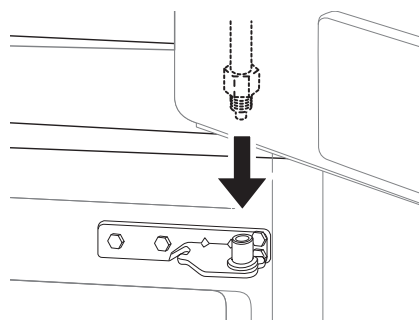
- The number of ice bins may vary depending on the model.

Assembling the Right Refrigerator Door

CAUTION

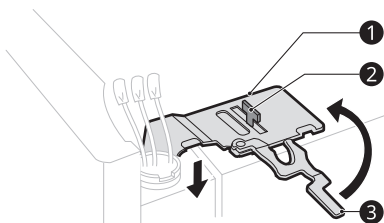
- Install the right-side door first.

- 1 Make sure that the plastic sleeve is inserted in the bottom of the door. Lower the door onto the middle hinge pin as shown in the figure.

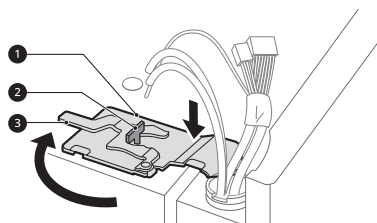


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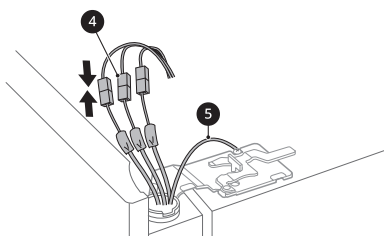
- 2** Fit the hinge **1** over the hinge lever latch **2** and slot it into place. Rotate the lever **3** counterclockwise to secure the hinge.



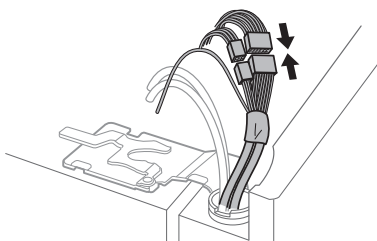
- 2** Fit the hinge **1** over the hinge lever latch **2** and slot it into place. Rotate the lever **3** clockwise and fasten the hinge.



- 3** Connect all the wire harnesses **4**. Screw in the ground wire **5**.



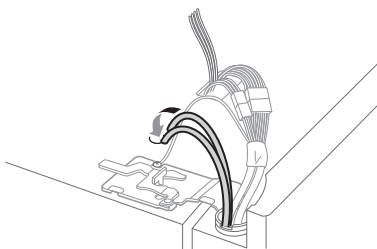
- 3** Connect all the wire harnesses and the ground wire.



NOTE

- The number of wire harnesses may vary depending on the model.
- Ground wire is only present on some models.

- 4** Push the water supply lines into the hole on the top case and pull them through the backplate.

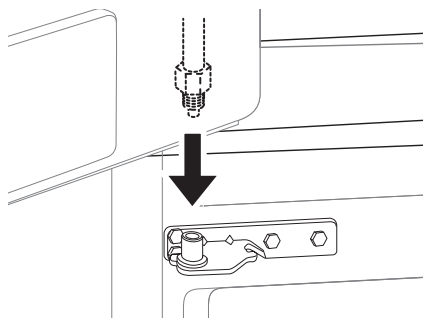


Assembling the Left Refrigerator Door

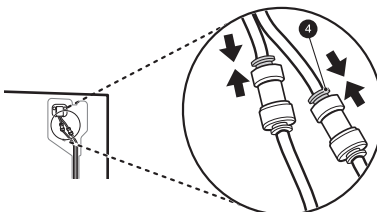
⚠ CAUTION

- Install the left refrigerator door after the right door is installed.

- 1** Make sure that the plastic sleeve is inserted in the bottom of the door. Install the refrigerator door onto the middle hinge.

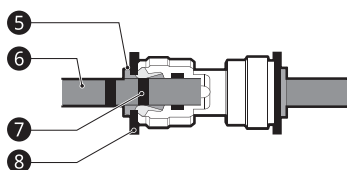


- 5** Hold the water supply connection and gently push in the collet **4** to connect the water supply lines as shown. Insert the tube at least 5/8 inch (15 mm) into the connector. Insert the clip on the joint to fasten the tubes in place.



NOTE

- Disassembling/Assembling the Water Lines



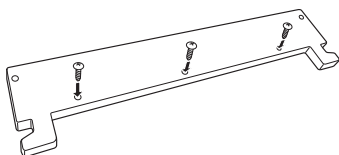
5 Collet 6 Tube 7 Insert line 8 Clip

- Gently press the collet and insert the tube until only one line shows on the tube.



Assembling the Hinge Cover

Position the hinge cover in its place. Insert and tighten the cover screws.



Connecting Refrigerator to Water Supply

Before Beginning

These instructions assume you have an existing water supply connection for the refrigerator. If necessary, call a qualified plumber to install a water supply line for the refrigerator.

- Turn the icemaker OFF if the refrigerator will be used before the water line is connected.
- Do not install the icemaker tubing in areas where the ambient temperatures fall below freezing.

⚠ WARNING

- Connect to potable water supply only.

⚠ CAUTION

- To prevent burns and product damage, only connect the refrigerator water line to a cold water supply.

- Wear eye protection during installation to prevent injury.

Water Pressure

You will need a cold water supply.

Water Pressure

- Models with water filter:**
 - 20 - 120 psi (138 - 827 kPa)
- Where reverse osmosis water filtration system is connected to a cold water supply:**
 - 40 - 60 psi minimum to reverse osmosis system (2.8 kgf/cm² - 4.2 kgf/cm², or less than 2 - 3 seconds to fill a cup of 7 oz capacity)

If the water pressure from the reverse osmosis system is less than 20 psi or 138 kPa or 1.4 kgf/cm² (takes more than 4 seconds to fill a cup of 7 oz or 198 cc capacity):

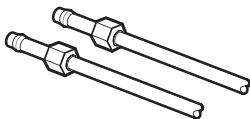
- Check to see if the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Allow the storage tank on the reverse osmosis system to refill after heavy usage.
- If the water pressure remains low, call a licensed, qualified plumber.
- All installations must be in accordance with local plumbing code requirements.

Supplies Needed

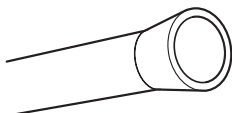
- Copper or PEX Tubing**, ¼ in. outer diameter, to connect the refrigerator to the water supply. Be sure both ends of the tubing are cut square. To determine how much tubing you need, measure the distance from the water valve on the back of the refrigerator to the water supply pipe. Then, add 8 feet (2.4 m). Be sure there is sufficient extra tubing (about 8 feet [2.4 m] coiled into 3 turns of about 10 in. [25 cm] diameter) to allow the refrigerator to move out from the wall after installation.
- ½ in. or adjustable wrench.**
- Flat-blade and Phillips screwdrivers.**
- Two ¼ in. outer diameter compression nuts and 2 ferrules (sleeves)** to connect the copper tubing to the shutoff valve and the refrigerator water valve. If you are using a PEX water line kit,

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it may already have the required fittings at either end.



- If your existing copper water line has a flared fitting at the end, purchase an adapter (available at plumbing supply stores) to connect the water line to the refrigerator OR cut off the flared fitting with a tube cutter and use a compression fitting.



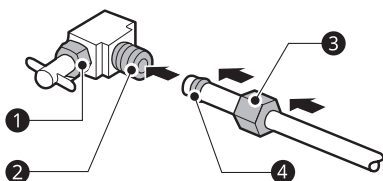
NOTE

- The hookup line cannot be white, plastic tubing. Licensed plumbers must use only copper tubing (NDA tubing #49595 or #49599) or Cross Link Polyethylene (PEX) tubing.
- Be sure there is sufficient extra tubing (about 8 ft. coiled into three turns of about 10 in. diameter) to allow the refrigerator to move out from the wall after installation.

Connecting Water Line to Refrigerator

1 Connect the tubing to the shutoff valve.

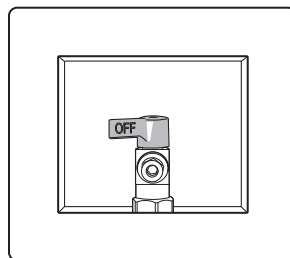
- Place the compression nut and ferrule (sleeve) onto the end of the copper tubing and connect it to the shutoff valve. If you are using PEX, the tubing may already have the required fittings at either end. Make sure the tubing is fully inserted into the valve. Tighten the compression nut securely.



- ① Packing Nut
- ② Shutoff Valve
- ③ Compression Nut
- ④ Ferrule (sleeve)

2 Flush out the tubing into a bucket.

- Flush out the tubing coming from the home water supply until the water is clear. Shut the water off at the water valve after about one quart of water has been flushed through the tubing.



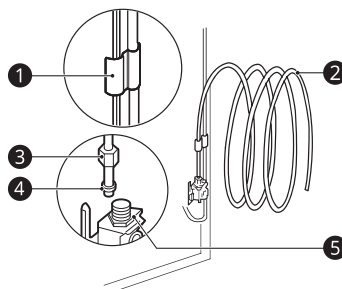
NOTE

- Before making the connection to the refrigerator, be sure that the refrigerator power cord is not plugged into the wall outlet.

3 Remove the flexible plastic cap from the water valve on the refrigerator.

4 Place the compression nut and ferrule (sleeve) onto the end of the tubing as shown. If you are using a PEX connection kit, it may already have the required fittings.

5 Insert the end of the copper or PEX tubing into the connection as far as possible. While holding the tubing, tighten the fitting.



- ① Tubing Clamp
- ② 1/4 in. Tubing
- ③ 1/4 in. Compression Nut
- ④ Ferrule (sleeve)
- ⑤ Refrigerator Connection

6 Turn the water on at the shutoff valve.

- Tighten any connections that leak.

⚠ CAUTION

- Check to see if leaks occur at the water line connections.
- Make sure the house water valve is fully open. If it is not open completely, the icemaker and dispenser may not work properly.

Leveling and Door Alignment

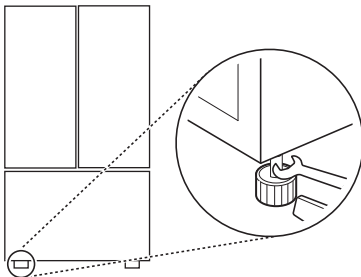
Leveling

The refrigerator has two front leveling legs. Adjust the legs to alter the tilt from front-to-back or side-to-side. If the refrigerator seems unsteady, or the doors do not close easily, adjust the refrigerator's tilt using the instructions below:

- 1 Turn the leveling leg to the left to raise that side of the refrigerator or to the right to lower it. It may take several turns of the leveling leg to adjust the tilt of the refrigerator.

NOTE

- A flare nut wrench works best, but an open-end wrench will suffice. Do not over-tighten.



- 2 Open both doors and check to make sure that they close easily. If the doors do not close easily, tilt the refrigerator slightly more to the rear by turning both leveling legs to the left. It may take several more turns, and be sure to turn both leveling legs the same amount.

Door Alignment

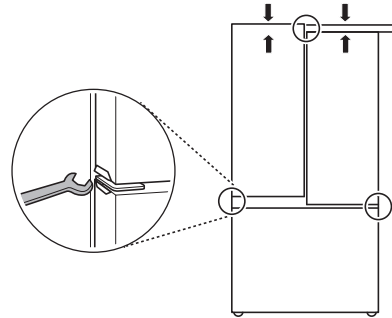
The door alignment method may differ depending on the model.

Appliance Type A

Both the left and right fridge doors have an adjustable nut, located on the bottom hinge, to raise and lower them to align properly.

If the space between the doors is uneven even after the door bins are filled, follow the instructions below to align the doors evenly:

Use the spanner (included with the owner's manual) to turn the nut in the door hinge to adjust the height. Turn the nut to the right to raise the door or to the left to lower it.



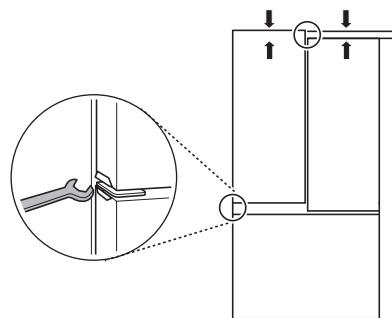
Appliance Type B

Left Fridge Door

The left fridge door has an adjustable nut, located on the bottom hinge, to raise and lower the door for proper alignment.

If the space between the doors is uneven, follow the instructions below to align the left door:

Use the spanner (included with the owner's manual) to turn the nut in the door hinge to adjust the height. Turn the nut to the right to raise the door or to the left to lower it.



Right Fridge Door

The right fridge door does not have an adjustable nut.

If the space between the doors is uneven, follow the instructions below to align the right door:

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- 1 Lift up both the inner and outer door sections of the right door to raise them at the middle hinge. (It may be easier to lift them with the doors open.)

- 2 While the door is lifted, have an assistant insert the C-Clip (snap ring) on the middle hinge. The C-Clip may differ depending on the model.

- C-Clip type A



Use pliers to insert the C-Clip on the middle hinge of the inner door section as shown. Insert additional C-Clips until the right door is aligned.

- C-Clip type B

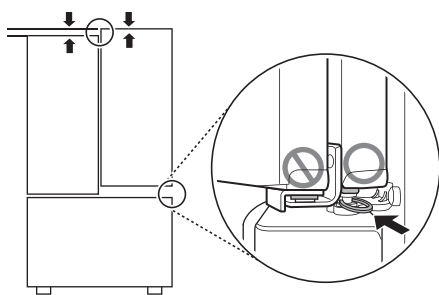


Insert only one C-Clip on the middle hinge of the inner door section as shown. Three C-Clips of different thicknesses will be provided.

- If a C-Clip is already inserted on the middle hinge, remove the C-Clip before inserting a new C-Clip.

CAUTION

- The door is heavy. To avoid injury, use two or more people to lift and align the fridge door.
- Small parts are a swallowing hazard for small children. Keep C-Clips out of the reach of children.
- Do not insert the C-Clip on the hinge of the outer door section.



NOTE

- The number of freezer drawers may vary depending on the model.

Turning on the Power

- After installing, plug the refrigerator's power cord into a 3-prong grounded outlet and push the refrigerator into the final position.

CAUTION

- Connect to a rated power outlet.
- Have a certified electrician check the wall outlet and wiring for proper grounding.
- Do not damage or cut off the ground terminal of the power plug.

Position the Refrigerator

- Arrange the coil of tubing so that it does not vibrate against the back of the refrigerator or against the wall. Push the refrigerator back to the wall.

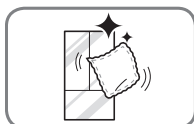
Start the Icemaker

- If the water line is connected, turn icemakers on.
 - To turn icemakers on, refer to Control Panel in the Operation section.
- The icemaker will not begin to operate until it reaches its operating temperature of 15 °F (-9 °C) or below. It will then begin operation automatically if the icemaker has been turned ON.

OPERATION

Before Use

Checklist

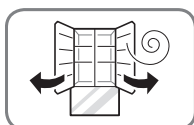


Clean the refrigerator.

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.



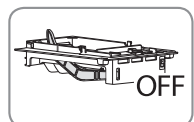
Open refrigerator doors and freezer drawers to ventilate the interior.

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.

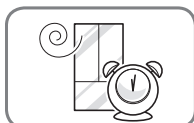


Turn off the icemaker.

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.

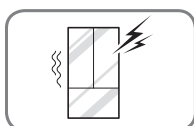


Wait for the refrigerator to cool.

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.

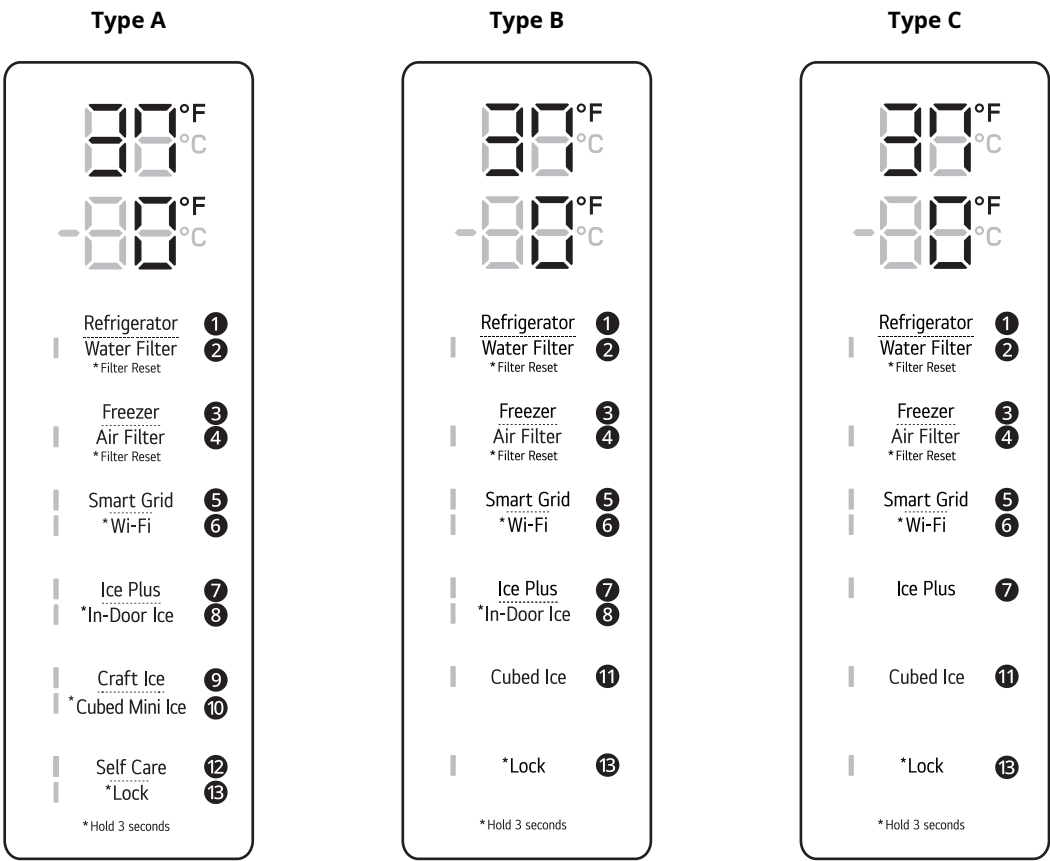
Control Panel

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

Refrigerator Control Panel

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

3 Air Filter

The air filter helps remove odors from the refrigerator.

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 Grid On indicator illuminates.

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[†]

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[†]

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

9 Craft Ice[†]

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[†]

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

11 Cubed Ice[†]

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

12 Self Care[†]

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.

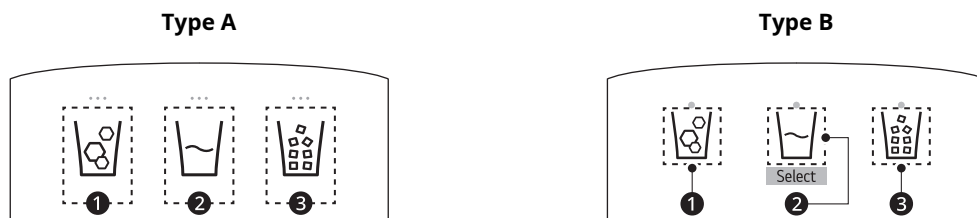
- When power is initially connected to the refrigerator, the lock function is off.
 - To lock the control panel buttons, press and hold the **Lock** button until the indicator appears in the display and the function is activated.
 - To disable the function, press and hold the **Lock** button for approximately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

Dispenser Control Panel



Water & Ice Type

Select the desired dispenser mode from the buttons on the dispenser control panel. From left to right, the icons indicate cubed ice ❶, water ❷, and crushed ice ❸. Press the dispenser switch with a glass or other container to dispense cubed ice, water or crushed ice.

NOTE

- When the refrigerator is in the Power Saving Mode, the display remains off until a door is opened or a button is pressed. Once on, the display remains on for 20 seconds.

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.

Ice and Water Dispenser

Before Using the Ice and Water Dispenser

⚠ CAUTION

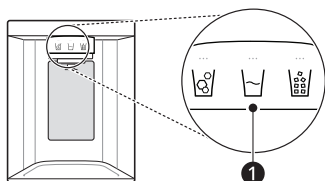
- Keep children away from the dispenser. Children may play with or damage the controls.
- Throw away the first bin full of ice (about 140-160 cubes) after installation. The first ice and water dispensed may include particles or odor from the water supply line or the water tank. This is also necessary if the refrigerator has not been used for a long time.
- Dispense and throw away 2.5 gallons of water (flush for approximately 5 minutes) after installation. 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. This is also necessary if the refrigerator has not been used for a long time.
- If ice or water dispenses unexpectedly, turn off the water supply and contact an LG Electronics Customer Information Center.
- Never use a glass that is exceptionally narrow or deep. Ice may jam in the ice passage and refrigerator performance may be affected.
- When dispensing ice from the dispenser, do not use a fragile container.
- Do not hang on to or place heavy objects on the refrigerator's dispenser.

NOTE

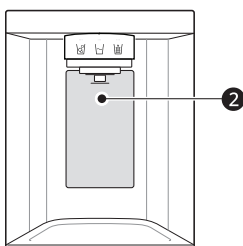
- The dispenser will not operate when either of the refrigerator doors is open.
- If discolored ice is dispensed, check the water filter and water supply. If the problem continues, contact an LG Electronics Customer Information Center. Do not use the water or ice until the problem is corrected.
- Dispense ice into a glass before filling it with water or other beverages. Splashing may occur if ice is dispensed into a glass that already contains liquid.
- 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 dispensers. Tall, narrow glasses should be held far enough from the ice outlet to prevent ice from jamming in the ice chute. A container with a very small opening should be held as close to the dispenser as possible to avoid spilling.

Using the Ice and Water Dispenser

- 1 Press the icon for the desired dispenser mode
 1. The LED over the selected icon turns on.



- 2 Press the dispenser paddle 2 with a glass or other container to dispense cubed ice, water or crushed ice.

**Locking the Ice and Water Dispenser**

Press and hold the **Lock** button for three seconds to lock the dispenser and all the control panel functions. Follow the same instructions to unlock.

In-Door Ice Bin**Before Using the In-Door Ice Bin**

The icemaker stops producing ice when the indoor ice bin is full. To make room for additional ice, empty the ice bin into an extra ice bin in the freezer compartment. During use, the ice may stack unevenly in the bin, causing the icemaker to misread the number of ice cubes and stop producing ice. Shaking the ice bin to level the ice within it can reduce this problem.

CAUTION

- Keep hands and tools out of the ice compartment door and dispenser chute. Failure to do so may result in damage or personal injury.
- Keep the ice compartment door closed tightly. If the ice compartment door is not closed tightly, the cold air in the ice bin will freeze food in the refrigerator compartment. This could also cause the icemaker to stop producing ice.
- When handling the ice bin, keep hands away from the icemaker tray area to avoid personal injury.
- Storing cans or other items in the ice bin will damage the icemaker.
- Never use thin crystal glasses or containers to collect ice. Such containers may chip or break resulting in glass fragments in the ice.

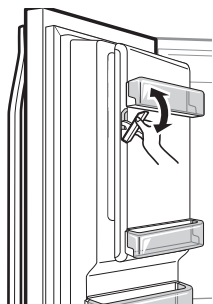
If the icemaker is turned OFF for an extended period of time, the ice compartment will gradually warm up to the temperature of the refrigerator compartment. To prevent ice cubes from melting and leaking from the dispenser, **ALWAYS** empty the ice bin when the icemaker is turned OFF for more than a few hours.

The ice passage may become blocked with frost if only crushed ice is used. Remove the frost that accumulates by removing the ice bin and clearing the passage with a rubber spatula. Dispensing cubed ice can also help prevent frost buildup.

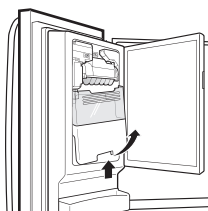
Detaching the In-Door Ice Bin**CAUTION**

- Only qualified service personnel from an LG Electronics service center should disassemble or repair the icemaker.

- 1 Gently pull the handle to open the ice compartment.



- 2** To remove the in-door ice bin, grip the front handle, slightly lift the bottom, and slowly pull out the bin as shown.



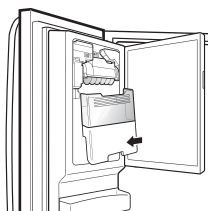
Assembling the In-Door Ice Bin

CAUTION

- When handling the ice bin, keep hands away from the icemaker tray area to avoid personal injury.
- Avoid touching the auto shutoff (feeler arm) when replacing the ice bin. See the label on the ice compartment door for details.



- 1** Carefully insert the in-door ice bin, slanting the top slightly to fit it under the icemaker.



- 2** Gently push the handle to close the ice compartment.

Automatic Icemaker

WARNING

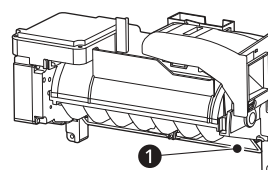
- DO NOT place fingers in the automatic icemaker when the refrigerator is plugged in.
- Avoid contact with any moving parts of the ejector mechanism or with the heater that releases the ice cubes.

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



- 1** 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.

⚠ CAUTION

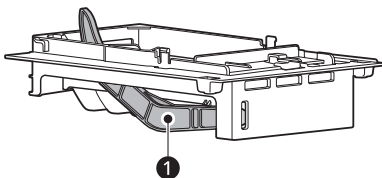
- Ice may overflow when removing or assembling the ice bin. Remove any ice in the bin area before assembling the ice bin.
- Make sure that the ice bin is assembled in the correct orientation front to back.
- Models with two ice bins in the freezer:
 - The **Craft Ice** bin is located on the left and 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.



1 Feeler Arm

NOTE

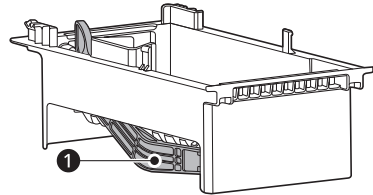
- This automatic freezer icemaker produces 12 cubes at a time, 50-110 pieces within a 24 hour period if conditions are favorable. This amount may vary according to the environment (ambient temperature around the appliance, frequency of

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 (Cubed Mini Ice)

This feature is only available on some models.



1 Feeler Arm

⚠ CAUTION

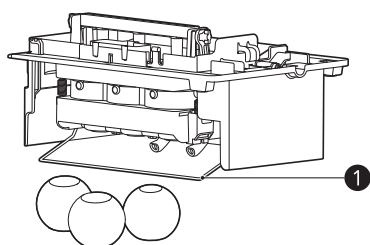
- Do not insert **Cubed Mini Ice** into the in-door ice bin, as it can damage the ice and water dispenser.

NOTE

- This automatic freezer icemaker produces 20-30 cubes at a time, 1.3-1.7 lbs 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.
- Depending on the water pressure or other conditions, the icemaker may produce linked cubes rather than individual pieces. The cubes easily separate when added to drinks.

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.

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.

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

- 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.
-

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

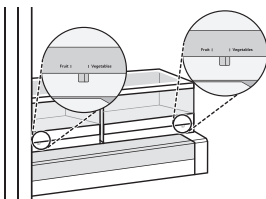
Using the Humidity Controlled Crispers

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.

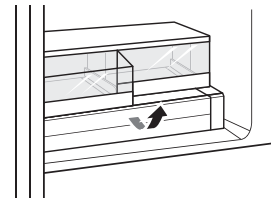
You can control the amount of humidity in the moisture-sealed crispers by adjusting the control to any setting between **Vegetables** and **Fruit**.

- **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.

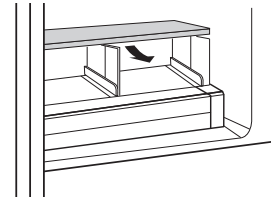


Removing/Assembling the Humidity Controlled Crispers

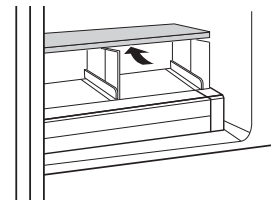
- 1 To remove, pull the crisper out to full extension, lift the front up, and pull straight out.



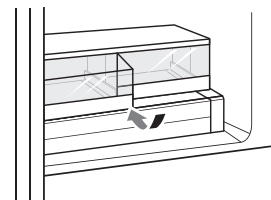
- 2 Lift the front of the cover up with both hands until it detaches from the back wall of the cabinet, and pull it out.



- 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.



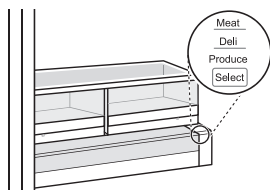
Glide'N'Serve

Using the Glide'N'Serve

This feature is only available on some models.

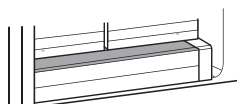
This function provides storage space with a variable temperature control that can keep the compartment at a slightly different temperature than the refrigerator section. This drawer can be used for large party trays, deli items and beverages. (This drawer should not be used to store vegetables that require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

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



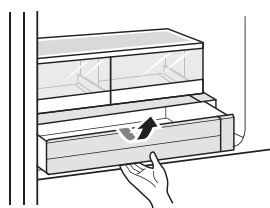
⚠ CAUTION

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

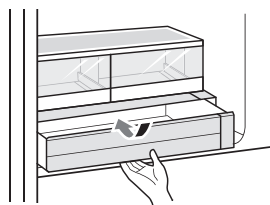


Detaching/Assembling the Glide'N'Serve

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



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



Refrigerator Shelves

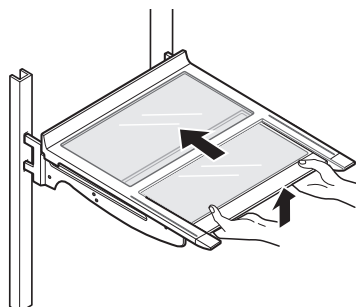
The shelves in the refrigerator are adjustable to meet individual storage needs.

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

Using the Folding Shelf

This feature is only available on some models.

Store taller items, such as a gallon container or bottles, by pushing the front half of the shelf underneath the back half of the shelf. Pull the front of the shelf forward to return to a full shelf.



⚠ CAUTION

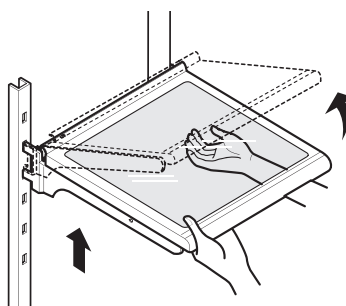
- Glass shelves are heavy. Use special care when removing them.
- Do not clean glass shelves with warm water while they are cold. Shelves may break if exposed to sudden temperature changes or impact.

Detaching/Assembling the Shelf

⚠ CAUTION

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

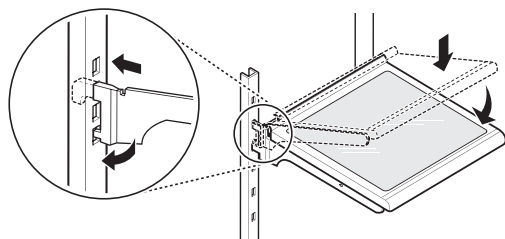
- 1 To detach, tilt up the front of the shelf and lift the shelf straight up.
- 2 Pull the shelf out.



- 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.

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.

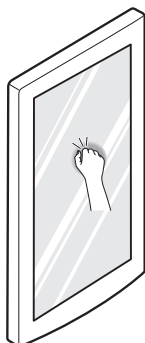


InstaView

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.

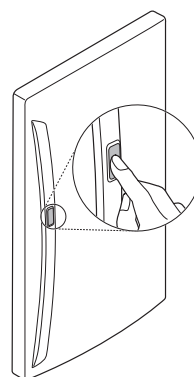
Door-in-Door

This feature is only available on some models.

The Door-in-Door compartment allows for easy access to commonly used food items.

Door-in-Door Compartment

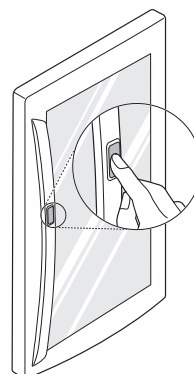
To access the **Door-in-Door** compartment, lightly press the button on the right refrigerator door handle.



InstaView Door-in-Door Compartment

The **InstaView** function on the **Door-in-Door** compartment lets you view the contents of the compartment without opening the door.

To access the **InstaView Door-in-Door** compartment, lightly press the button on the right refrigerator door handle.

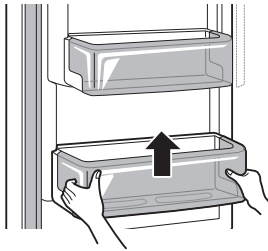


Door Bins

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.

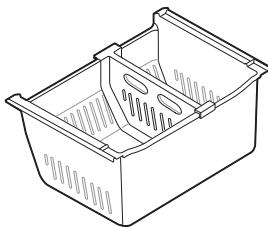
CAUTION

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

SMART FUNCTIONS

LG ThinQ Application

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

The **LG ThinQ** application allows you to communicate with the appliance using a smartphone.

LG ThinQ Application Features

- **Smart Learner**[†]
 - Provides a more personalized experience based on an analysis of your usage patterns.
- **Smart Sabbath**[†]
 - Activates or deactivates the Sabbath mode and sets the schedule for the mode activation.
- **Energy Monitoring**[†]
 - This feature keeps track of the refrigerator's power consumption and the number of door openings.
- **Remote Control**[†]
 - Controls the refrigerator temperature, air filter and Ice Plus from the smartphone app.
- **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**TM
 - 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.

[†] This feature is only available on some models.

NOTE

- If you change your wireless router, Internet service provider, or password, delete the registered appliance from the **LG ThinQ** 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.

Installing LG ThinQ App and Connecting an LG Appliance

Models with QR Code

Scan the QR code attached to the product using the camera or a QR code reader app on your smartphone.



Models without QR Code

- 1** Search for and install the **LG ThinQ** app from the Google Play Store or Apple App Store on a smartphone.
- 2** Run the **LG ThinQ** app and sign in with your existing account or create an LG account to sign in.
- 3** Touch the add (+) button on the **LG ThinQ** app to connect your LG appliance. Follow the instructions in the app to complete the process.

NOTE

- To verify the Wi-Fi connection, check that the Wi-Fi indicator on the control panel is lit.
- **LG ThinQ** 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 distance between the appliance and the wireless router is too far, the signal becomes weak. It may take a long time to connect or fail to install the app.

NOTE

- 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 connected due to problems with the wireless signal transmission, unplug the appliance 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.
- If the security protocol of the router is set to **WEP**, network setup may fail. Change the security protocol (**WPA2** is recommended), and connect the product again.
- To disable the Wi-Fi function, press and hold the **Wi-Fi** button for 3 seconds. The Wi-Fi indicator will be turned off.
- To reconnect the appliance or add another user, press and hold the **Wi-Fi** button for 3 seconds to temporarily turn it off. Run the **LG ThinQ** app and follow the instructions in the app to connect the appliance.

Wireless LAN Module Specifications

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

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>.

LG Electronics 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 any time (using the **Smart Grid** button or application).
- To use the Smart Grid function, you need to register your appliance 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.

LG Open API

You can manage Smart Grid features for the LG Smart Refrigerator.

Please check the detailed specifications on the notice page on us.smartthinq.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 LG ThinQ to Diagnose Issues

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

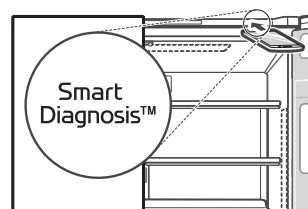
- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions provided in the **LG ThinQ** application.

Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions for audible diagnosis provided in the **LG ThinQ** application.

- 1 Open the right refrigerator door.
- 2 Hold the mouthpiece of your phone in front of the speaker that is located on the right hinge of the refrigerator door.



- 3 Press and hold the **Freezer** button for three seconds while continuing to hold your phone to the speaker.
- 4 After you hear three beeps, release the **Freezer** button.
- 5 Keep the phone in place until the tone transmission has finished. The display will count down the time. Once the countdown is over and the tones have stopped, the diagnosis will be displayed in the application.

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 refrigerator.
- Do not place your hand on the bottom surface of the refrigerator 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.

Exterior

For products with black stainless steel exterior, spray glass cleaner on a clean microfiber cloth and rub in direction of grain. Do not spray glass cleaner directly at the display panel. Do not use harsh or abrasive cleaners.

For products with a standard stainless steel exterior, use a damp microfiber cloth and rub in the direction of the grain. Dry with a paper towel to avoid streaks. For stubborn stains and fingerprints, use a few drops of liquid dish soap in water, and rinse with hot water before drying. Do not use abrasive or harsh cleaners.

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

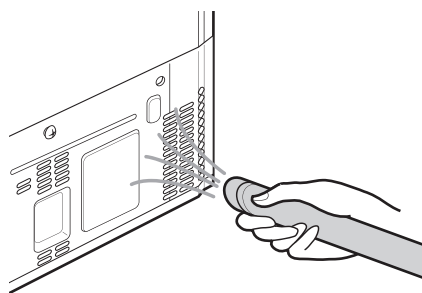
Use a clean sponge or soft cloth and a mild detergent in warm water. Do not use cleaning waxes, concentrated detergents, bleaches, or cleaners containing petroleum on plastic refrigerator parts.

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.

Condenser Coils

Use a vacuum cleaner with a brush or crevice attachment to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area.



Air Filter

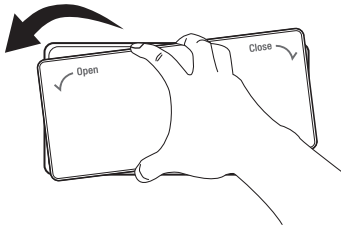
This feature is only available on some models.

Replacing the Air Filter

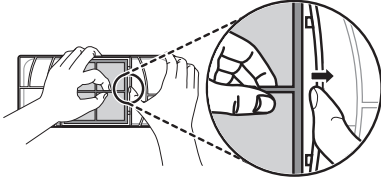
Replace the Air Filter:

- Approximately every six months.
- When the **Air Filter** indicator lights up.
- Use replacement air filter: LT120F

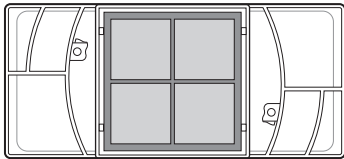
- 1 Rotate the filter cover counterclockwise to release the tabs, and remove the cover.



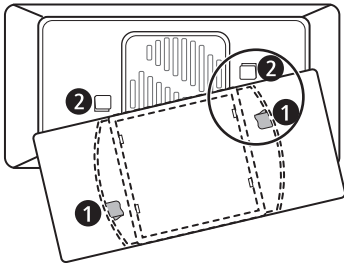
- 2** Remove the filter from the inside of the cover by pressing the side of the filter in and pulling the center out.



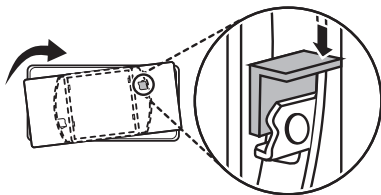
- 3** Place the new filter inside of the cover with the side that says **FRONT** facing outward.



- 4** Align tabs **1** on the filter cover with hooks **2** on the refrigerator wall.



- 5** Rotate the air filter cover clockwise until the hooks engage and the cover locks in place.



- 6** Press and hold the **Air Filter** button on the control panel for 3 seconds to reset the filter sensor.

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.
- 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.

⚠ 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.

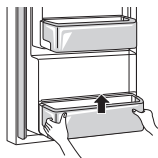
⚠ CAUTION

- Ensure all tubing and fittings are secure and free from leaks.
-

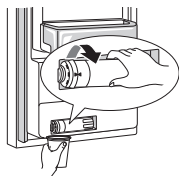
Replacing the Water Filter

- Replace the water filter:
 - Approximately every six months.
 - When the **Water Filter** indicator lights up.
 - When the water dispenser output decreases.
- To purchase a replacement water filter:
 - Visit your local dealer or distributor
 - Search using "water filter" on lg.com
 - Use replacement cartridge: LT1000P, LT1000PC, LT1000PCS or ADQ747935**

- 1** Remove the door bin.



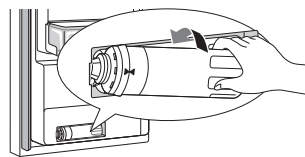
- 2** Remove the disposable water filter.



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.
-

- 3** Replace with a new water filter. Insert the new filter into the filter head and rotate it clockwise until the arrow on the new filter lines up with the arrow on the filter head. Swing the filter back into the compartment.



- 4** Replace the door bin.

- 5** After changing the filter, press and hold the **Water Filter** button for three seconds to reset the indicator light.

- 6** 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.
-

⚠ CAUTION

- LG strongly recommends that you use LG-authorized water filters to prevent water quality issues, water leakage and appliance malfunction.
-

For further assistance, call:

- 1-800-243-0000 (USA)
- 1-888-542-2623 (Canada)

Performance Data Sheet

Model: LT1000P, LT1000PC, LT1000PCS

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.
--	---

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

Substance Reduction	Average Influent Challenge	NSF Specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements
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

* 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 **lg.com** website.

For further assistance, contact the LG Electronics Customer Information Center.

USA: 1-800-243-0000

Canada: 1-888-542-2623

Replacement Cartridge: LT1000P, LT1000PC, LT1000PCS or ADQ747935**

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Manufactured by LG Electronics, INC:

170, Sungsanpaechoungro, Seongsan-gu, Gyeongsangnam-do, THE REPUBLIC OF KOREA

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. To switch the display from Fahrenheit to Celsius, press and hold the **Freezer** and **Refrigerator** buttons until you hear a beep and the settings in the display change.

Q: How do I set the refrigerator and freezer temperatures?

A: Continually press the **Refrigerator** or **Freezer** button on the control panel until the desired temperature appears. The numbers will cycle from highest to lowest and then return to the highest again with continuous pressing.

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 refrigerator and the icemaker is turned on. If you do not have a water source attached to the back of the refrigerator you should turn the icemaker off.

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 "OFF" (see below). What is wrong?

A: The refrigerator is in Display Mode. 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. With either refrigerator door opened, press the **Ice Plus** button 3 times consecutively while pressing 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.



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 Demo Mode. Demo 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 Demo 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
Cooling system runs too much.	Condenser / back cover is clogged. Use a vacuum cleaner with an attachment to clean the condenser cover and vents. Do not remove the panel covering the condenser coil area.
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. Cold air circulates from the freezer to the fresh food section and back again through air vents in the wall dividing the two sections. 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.

Craft Ice

Problem	Possible Cause & Solution
Icemaker is not making ice.	Refrigerator was recently installed or icemaker recently connected. 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.
Icemaker is not making enough ice.	In 3 ICE mode, the Craft Ice icemaker produces 1 batch of round ice about every 24 hours. For more ice, select the 6 ICE mode which produces 2 batches every 24 hours.

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.
	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.

Problem	Possible Cause & Solution
Icemaker is not making enough ice.	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. (Refer to the Connecting the Water Line section.)
	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.
	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. (Refer to the Connecting the Water Line section.)

Problem	Possible Cause & Solution
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.	Unable to hear the sound of ice coming out? In the control panel, select the modes for cubed ice and crushed ice alternately to dispense the ice.
	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.
	The dispenser display is locked. Press and hold the Lock button for three seconds to unlock the control panel and dispenser.
	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.

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.
	The dispenser panel is locked. Press and hold the Lock button for three seconds to unlock the control panel and dispenser.
	The dispenser is not set for water dispensing. The dispenser can be set for ice or water. Make certain that the control panel is set for the proper operation. Press the Water button on the control panel to dispense water.
	Refrigerator or freezer doors are not closed properly. Water will not dispense if any of the refrigerator doors are left open.
	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.

Problem	Possible Cause & Solution
Dispensing warm water.	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.

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.
	The doors were removed during product installation and not properly replaced. Remove and replace the doors according to the Removing and Replacing Refrigerator Handles and Doors section.
	Refrigerator is not leveled properly. See Door Alignment in the Refrigeration Installation section 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	Leveling legs are not adjusted properly. Refer to the Leveling and Door Alignment section.
	Floor is not level. It may be necessary to add shims under the leveling legs or rollers to complete installation.

Problem	Possible Cause & Solution
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.
Refrigerator has an unusual odor.	The Air Filter may need to be set to the MAX setting or replaced. Set the Air Filter to the MAX setting. If the odor does not go away within 24 hours, the filter may need to be replaced. See the Replacing the Air Filter section for replacement instructions.
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.
	Refrigerator with linear compressor was jarred while running. Normal Operation
Whooshing	Evaporator fan motor is circulating air through the refrigerator and freezer compartments. 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
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

Problem	Possible Cause & Solution
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 registration process again. • If you are connecting to an iPhone, the password to connect to the module in the refrigerator is the last 4 characters of the network name, repeated twice.
	Mobile data for your smartphone is turned on. • Turn off the Mobile data on your smartphone before registering 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 distance between the appliance and the router is too far. • 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.

LIMITED WARRANTY

USA

TERMS AND CONDITIONS

ARBITRATION NOTICE: THIS LIMITED WARRANTY CONTAINS AN ARBITRATION PROVISION THAT REQUIRES YOU AND LG ELECTRONICS ("LG") TO RESOLVE DISPUTES BY BINDING ARBITRATION INSTEAD OF IN COURT, UNLESS YOU CHOOSE TO OPT OUT. IN ARBITRATION, CLASS ACTIONS AND JURY TRIALS ARE NOT PERMITTED. PLEASE SEE THE SECTION TITLED "PROCEDURE FOR RESOLVING DISPUTES" BELOW.

Should your LG Refrigerator ("Product") fail due to a defect in materials or workmanship under normal and proper use, during the warranty period set forth below, LG 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	
One (1) year 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 LG.
- 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 LG 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. LG'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 LG.
- 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 LG. 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 LG.
- 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, offices, and recreational facilities or vehicles) 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 1-800-243-0000 and select the appropriate option from the menu.

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

Or by mail: LG Electronics Customer Service P.O. Box 240007 Huntsville, AL 35813 ATTN: CIC

PROCEDURE FOR RESOLVING DISPUTES:

ALL DISPUTES BETWEEN YOU AND LG ARISING OUT OF OR RELATING IN ANY WAY TO THIS LIMITED WARRANTY OR THE PRODUCT SHALL BE RESOLVED EXCLUSIVELY THROUGH BINDING ARBITRATION, AND NOT IN A COURT OF GENERAL JURISDICTION. BINDING ARBITRATION MEANS THAT YOU AND LG ARE EACH WAIVING THE RIGHT TO A JURY TRIAL AND TO BRING OR PARTICIPATE IN A CLASS ACTION.

Definitions. For the purposes of this section, references to "LG" mean LG Electronics U.S.A., Inc., its parents, subsidiaries and affiliates, and each of their officers, directors, employees, agents, beneficiaries, predecessors in interest, successors, assigns and suppliers; references to "dispute" or "claim" shall include any dispute, claim or controversy of any kind whatsoever (whether based in contract, tort, statute, regulation, ordinance, fraud, misrepresentation or any other legal or equitable theory) arising out of or relating in any way to the sale, condition or performance of the product or this Limited Warranty.

Notice of Dispute. In the event you intend to commence an arbitration proceeding, you must first notify LG in writing at least 30 days in advance of initiating the arbitration by sending a letter to LG at LG Electronics, USA, Inc. Attn: Legal Department- Arbitration 111 Sylvan Avenue, Englewood Cliffs, NJ 07632. You and LG agree to engage in good faith discussions in an attempt to amicably resolve your claim. The notice must provide your name, address, and telephone number; identify the product that is the subject of the claim; and describe the nature of the claim and the relief being sought. If you and LG are unable to resolve the dispute within 30 days, either party may proceed to file a claim for arbitration.

Agreement to Binding Arbitration and Class Action Waiver. Upon failure to resolve the dispute during the 30 day period after sending written notice to LG, you and LG agree to resolve any claims between us only by binding arbitration on an individual basis, unless you opt out as provided below. Any dispute between you and LG shall not be combined or consolidated with a dispute involving any other person's or entity's product or claim. More specifically, without limitation of the foregoing, any dispute between you and LG shall not under any circumstances proceed as part of a class or representative action. Instead of arbitration, either party may bring an individual action in small claims court, but that small claims court action may not be brought on a class or representative basis.

Arbitration Rules and Procedures. To begin arbitration of a claim, either you or LG must make a written demand for arbitration. The arbitration will be administered by the American Arbitration Association ("AAA") and will be conducted before a single arbitrator under the AAA's Consumer Arbitration Rules that are in effect at the time the arbitration is initiated (referred to as the "AAA Rules") and under the procedures set forth in this section. The AAA Rules are available online at www.adr.org/consumer. Send a copy of your written demand for arbitration, as well as a copy of this provision, to the AAA in the manner described in the AAA Rules. You must also send a copy of your written demand to LG at LG Electronics, USA, Inc. Attn: Legal Department- Arbitration 111 Sylvan Avenue, Englewood Cliffs, NJ 07632. If there is a conflict between the AAA Rules and the rules set forth in this section, the rules set forth in this section will govern. This arbitration provision is governed by the Federal Arbitration Act. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction. All issues are for the arbitrator to decide, except that issues relating to the scope and enforceability of the arbitration provision and to the arbitrability of the dispute are for the court to decide. The arbitrator is bound by the terms of this provision.

Governing Law. The law of the state of your residence shall govern this Limited Warranty and any disputes between us except to the extent that such law is preempted by or inconsistent with applicable federal law.

Fees/Costs. You do not need to pay any fee to begin an arbitration. Upon receipt of your written demand for arbitration, LG will promptly pay all arbitration filing fees to the AAA unless you seek more than \$25,000 in damages, in which case the payment of these fees will be governed by the AAA Rules. Except as otherwise provided for herein, LG will pay all AAA filing, administration and arbitrator fees for any arbitration initiated in accordance with the AAA Rules and this arbitration provision. If you prevail in the arbitration, LG will pay your attorneys' fees and expenses as long as they are reasonable, by considering factors including, but not limited to, the purchase amount and claim amount. Notwithstanding the foregoing, if applicable law allows for an award of reasonable attorneys' fees and expenses, an arbitrator can award them to the same extent that a court would. If the arbitrator finds either the substance of your claim or the relief sought in the demand is frivolous or brought for an improper purpose (as measured by the standards set forth in Federal Rule of Civil Procedure 11(b)), then the payment of all arbitration fees will be governed by the AAA Rules. In such a situation, you agree to reimburse LG for all monies previously disbursed by it that are otherwise your obligation to pay under the AAA Rules. Except as otherwise provided for, LG waives any rights it may have to seek attorneys' fees and expenses from you if LG prevails in the arbitration.

Hearings and Location. If your claim is for \$25,000 or less, you may choose to have the arbitration conducted solely on the basis of (1) documents submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an in-person hearing as established by the AAA Rules. If your claim exceeds \$25,000, the right to a hearing will be determined by the AAA Rules. Any in-person arbitration hearings will be held at a location within the federal judicial district in which you reside unless we both agree to another location or we agree to a telephonic arbitration.

Opt Out. You may opt out of this dispute resolution procedure. If you opt out, neither you nor LG can require the other to participate in an arbitration proceeding. To opt out, you must send notice to LG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the product by either: (i) sending an e-mail to optout@lge.com, with the subject line: "Arbitration Opt Out" or (ii) calling 1-

800-980-2973. You must include in the opt out e-mail or provide by telephone: (a) your name and address; (b) the date on which the product was purchased; (c) the product model name or model number; and (d) the serial number (the serial number can be found (i) on the product; or (ii) online by accessing <https://www.lg.com/us/support/repair-service/schedule-repair-continued> and clicking on "Find My Model & Serial Number").

You may only opt out of the dispute resolution procedure in the manner described above (that is, by e-mail or telephone); no other form of notice will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the full benefits of the Limited Warranty. If you keep this product and do not opt out, then you accept all terms and conditions of the arbitration provision described above.

Canada

TERMS AND CONDITIONS

ARBITRATION NOTICE: THIS LIMITED WARRANTY CONTAINS AN ARBITRATION PROVISION THAT REQUIRES YOU AND LG TO RESOLVE DISPUTES BY BINDING ARBITRATION INSTEAD OF IN COURT, UNLESS THE LAWS OF YOUR PROVINCE OR TERRITORY DO NOT PERMIT THAT, OR, IN OTHER JURISDICTIONS, IF YOU CHOOSE TO OPT OUT. IN ARBITRATION, CLASS ACTIONS AND JURY TRIALS ARE NOT PERMITTED. PLEASE SEE THE SECTION TITLED "PROCEDURE FOR RESOLVING DISPUTES" BELOW.

Should your LG Refrigerator ("Product") fail due to a defect in materials or workmanship under normal and proper use, during the warranty period set forth below, LG Electronics Canada, Inc. ("LGECI") 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 LGECI.

WARRANTY PERIOD (Note: If the original date of purchase cannot be verified, the warranty will begin sixty (60) days from the date of manufacture)			
Refrigerator	Sealed System (Condenser, Dryer, Connecting Tube and Evaporator)		Linear / Inverter Compressor
One (1) year from the date of original retail purchase	One (1) year 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)	Part 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 LGECI.
- Proof of original retail purchase specifying the Product model and date of purchase is required to obtain warranty service under this Limited Warranty.

LGECI'S SOLE LIABILITY IS LIMITED TO THE LIMITED WARRANTY SET OUT ABOVE. EXCEPT AS EXPRESSLY PROVIDED ABOVE, LGECI 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 LGECI. LGECI 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 LGECI, 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. LGECI'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 LGECI 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 LGECI. 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 LGECI;
- 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 LGECI 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 LGECI;
- 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
- Shelves, door bins, drawers, handle and accessories to the Product, except for internal/functional parts covered under this Limited Warranty.
- Coverage for "in Home" repairs, for products in-warranty, will be provided if the Product is within a 150 km radius from the nearest authorized service center (ASC), as determined by LG Canada. If your Product is located outside a 150 km radius from a ASC, as determined by LG Canada, it will be your responsibility to bring the Product, at your sole expense, to the ASC for in-warranty repair.

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 1-888-542-2623 (7 A.M. to 12 A.M., 365 days a year) and select the appropriate option from the menu, or visit our website at <http://www.lg.com>

PROCEDURE FOR RESOLVING DISPUTES:

EXCEPT WHERE PROHIBITED AT LAW, ALL DISPUTES BETWEEN YOU AND LG ARISING OUT OF OR RELATING IN ANY WAY TO THIS LIMITED WARRANTY OR THE PRODUCT SHALL BE RESOLVED EXCLUSIVELY THROUGH BINDING ARBITRATION, AND NOT IN A COURT OF GENERAL JURISDICTION. EXCEPT WHERE PROHIBITED AT LAW, YOU AND LG BOTH IRREVOCABLY AGREE TO WAIVE THE RIGHT TO A JURY TRIAL AND TO BRING OR PARTICIPATE IN A CLASS ACTION.

Definitions. For the purposes of this section, references to “LG” mean LG Electronics Canada, Inc., its parents, subsidiaries and affiliates, and each of their officers, directors, employees, agents, beneficiaries, predecessors in interest, successors, assigns and suppliers; references to “dispute” or “claim” shall include any dispute, claim or controversy of any kind whatsoever (whether based in contract, tort, statute, regulation, ordinance, fraud, misrepresentation or any other legal or equitable theory) arising out of or relating in any way to the sale, condition or performance of the product or this Limited Warranty.

Notice of Dispute. In the event you intend to commence an arbitration proceeding, you must first notify LG in writing at least 30 days in advance of initiating the arbitration by sending a letter to LGECI Legal Team at 20 Norelco Drive, North York, Ontario, Canada M9L 2X6 (the “Notice of Dispute”). You and LG agree to engage in good faith discussions in an attempt to amicably resolve your claim. The notice must provide your name, address, and telephone number; identify the product that is the subject of the claim; and describe the nature of the claim and the relief being sought. If you and LG are unable to resolve the dispute within 30 days of LG’s receipt of the Notice of Dispute, the dispute shall be resolved by binding arbitration in accordance with the procedure set out herein. You and LG both agree that, during the arbitration proceeding, the terms (including any amount) of any settlement offer made by either you or LG will not be disclosed to the arbitrator until the arbitrator determines the dispute.

Agreement to Binding Arbitration and Class Action Waiver. Upon failure to resolve the dispute during the 30 day period after LG’s receipt of the Notice of Dispute, you and LG agree to resolve any claims between you and LG only by binding arbitration on an individual basis, unless you opt out as provided below, or you reside in a jurisdiction that prevents full application of this clause in the circumstances of the claims at issue (in which case if you are a consumer, this clause will only apply if you expressly agree to the arbitration). To the extent permitted by applicable law, any dispute between you and LG shall not be combined or consolidated with a dispute involving any other person’s or entity’s product or claim. More specifically, without limitation of the foregoing, except to the extent such a prohibition is not permitted at law, any dispute between you and LG shall not under any circumstances proceed as part of a class or representative action. Instead of arbitration, either party may bring an individual action in small claims court, but that small claims court action may not be brought on a class or representative basis except to the extent this prohibition is not permitted at law in your province or territory of jurisdiction as it relates to the claims at issue between you and LG.

Arbitration Rules and Procedures. To begin arbitration of a claim, either you or LG must make a written demand for arbitration. The arbitration will be private and confidential, and conducted on a simplified and expedited basis before a single arbitrator chosen by the parties under the provincial or territorial commercial arbitration law and rules of the province or territory of your residence. You must also send a copy of your written demand to LG at LG Electronics, Canada, Inc., Attn: Legal Department- Arbitration, 20 Norelco Drive, North York, Ontario M9L 2X6. This arbitration provision is governed by your applicable provincial or territorial commercial arbitration legislation. Judgment may be entered on the arbitrator’s award in any court of competent jurisdiction. All issues are for the arbitrator to decide, except that, issues relating to the scope and enforceability of the arbitration provision and to the arbitrability of the dispute are for the court to decide. The arbitrator is bound by the terms of this provision.

Governing Law. The law of the province or territory of your purchase shall govern this Limited Warranty and any disputes between you and LG except to the extent that such law is preempted by or inconsistent with applicable federal or provincial/territorial law. Should arbitration not be permitted for any claim, action, dispute or controversy between you and LG, you and LG attorn to the exclusive jurisdiction of the courts of the province or territory of your purchase for the resolution of the claim, action, dispute or controversy between you and LG.

Fees/Costs. You do not need to pay any fee to begin an arbitration. Upon receipt of your written demand for arbitration, LG will promptly pay all arbitration filing fees unless you seek more than \$25,000 in damages, in which case the payment of these fees will be governed by the applicable arbitration rules. Except as otherwise provided for herein, LG will pay all filing, administration and arbitrator fees for any arbitration initiated in accordance with the applicable arbitration rules and this arbitration provision. If you prevail in the arbitration, LG will pay your attorneys’ fees and expenses as long as they are reasonable, by

considering factors including, but not limited to, the purchase amount and claim amount. Notwithstanding the foregoing, if applicable law allows for an award of reasonable attorneys' fees and expenses, an arbitrator can award them to the same extent that a court would. If the arbitrator finds either the substance of your claim or the relief sought in the demand is frivolous or brought for an improper purpose (as measured by the applicable laws), then the payment of all arbitration fees will be governed by the applicable arbitration rules. In such a situation, you agree to reimburse LG for all monies previously disbursed by it that are otherwise your obligation to pay under the applicable arbitration rules. Except as otherwise provided for, LG waives any rights it may have to seek attorneys' fees and expenses from you if LG prevails in the arbitration.

Hearings and Location. If your claim is for \$25,000 or less, you may choose to have the arbitration conducted solely (1) on the basis of documents submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an in-person hearing as established by the applicable arbitration rules. If your claim exceeds \$25,000, the right to a hearing will be determined by the applicable arbitration rules. Any in-person arbitration hearings will be held at the nearest, most mutually-convenient arbitration location available within the province or territory in which you reside unless you and LG both agree to another location or agree to a telephonic arbitration.

Severability and Waiver. If any portion of this Limited Warranty (including these arbitration procedures) is unenforceable, the remaining provisions will continue in full force and effect to the maximum extent permitted by applicable law. Should LG fail to enforce strict performance of any provision of this Limited Warranty (including these arbitration procedures), it does not mean that LG intends to waive or has waived any provision or part of this Limited Warranty.

Opt Out. You may opt out of this dispute resolution procedure. If you opt out, neither you nor LG can require the other to participate in an arbitration proceeding. To opt out, you must send notice to LG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the product by either (i) sending an e-mail to optout@lge.com, with the subject line: "Arbitration Opt Out;" or (ii) calling 1-800-980-2973. You must include in the opt out e-mail or provide by telephone: (a) your name and address; (b) the date on which the product was purchased; (c) the product model name or model number; and (d) the serial number (the serial number can be found (i) on the product; or (ii) online by accessing https://www.lg.com/ca_en/support/repair-service/schedule-repair and clicking on "Find My Model & Serial Number").

In the event that you "Opt Out", the law of the province or territory of your residence shall govern this Limited Warranty and any disputes between you and LG except to the extent that such law is preempted by or inconsistent with applicable federal or provincial/territorial law. Should arbitration not be permitted for any claim, action, dispute or controversy between you and LG, you and LG agree to attorn to the exclusive jurisdiction of the courts of the province or territory of your residence for the resolution of the claim, action, dispute or controversy between you and LG.

You may only opt out of the dispute resolution procedure in the manner described above (that is, by e-mail or telephone); no other form of notice will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the full benefits of the Limited Warranty. If you keep this product and do not opt out, then you accept all terms and conditions of the arbitration provision described above.

Conflict of Terms. In the event of a conflict or inconsistency between the terms of this Limited Warranty and the End User License Agreement ("EULA") in regards to dispute resolution, the terms of this Limited Warranty shall control and govern the rights and obligations of the parties and shall take precedence over the EULA.



LG Customer Information Center

For inquiries or comments,
visit **www.lg.com** or call:

1-800-243-0000 U.S.A.

1-888-542-2623 CANADA

Register your product Online!

www.lg.com

LG COOKING

LSGL6335_

6.3 cu ft. Smart Wi-Fi Enabled ProBake Convection®
 InstaView™ Gas Slide-in Range with Air Fry

6.3 cu ft. Capacity

Built-In Air Fry with ProBake Convection®

EasyClean® + Self Clean

20K BTU on Edge-to-Edge Cooktop

ThinQ® App with Proactive Customer Care

AVAILABLE COLOURS



STAINLESS STEEL



SMUDGE RESISTANT BLACK STAINLESS STEEL

LG ThinQ®

Enjoy new ways to control your
 home with LG smart appliances

- Install Setup Quick Check
- Preventative Alerts & Guidance
- Performance & Usage Reports



SUMMARY

Cooktop Type	Sealed
Number of Cooktop Burners	5
Oven Type	Single Oven
Oven Cooking System	ProBake Convection®
Oven Capacity (cu. ft.)	6.3
Oven Cleaning Type	EasyClean® + Self Clean
Drawer Type	Storage
Size in Width (in.)	30

APPEARANCE

Colour	Stainless Steel, Smudge Resistant Black Stainless Steel
Control Type	SmoothTouch™ Glass
Knobs	Stainless Steel Appearance, Weighted
Oven Door Feature	InstaView & WideView™ Window
Cooktop Finish	Porcelain Enamel

COOKTOP

Cooktop Type	Sealed
Number of Cooktop Burners	5
Element/Burner - Left Front	18,000 BTU
Element/Burner - Left Rear	9,100 BTU
Element/Burner - Right Front	20,000 BTU UltraHeat™
Element/Burner - Right Rear	5,000 BTU
Element/Burner - Center	10,000 BTU Oval
Cooktop Burner Grate Features	Edge-to-Edge Continuous Grates
Cooktop Burner Grate Material	Cast Iron

OVEN

Oven Type	Single Oven
Oven Cooking System	ProBake Convection®
Convection Conversion Auto-Adjust	Yes
Oven Cleaning Type	EasyClean® + Self Clean
Self-Clean Oven Door Lock	Automatic
Oven Capacity (cu. ft.)	6.3
Broiler Element Power	13,500 BTU
Bake Element Power	19,000 BTU
Hidden Bake Element	n/a
Number of Rack Positions	7
Number of Oven Racks	2
Oven Rack Type	1 Standard, 1 Heavy Duty
Drawer Type	Storage
Oven Modes	Bake, Conv. Bake, Conv. Roast, Broil High, Broil Low, Warm, Proof, EasyClean, SelfClean, Frozen Meal, Air Fry, Slow Cook

Oven Light Type

Halogen

CONTROL FEATURES

Kitchen Timer	Yes
Timed Cook	Yes
Oven Control Lock	Yes
Door Lock	Yes
Sabbath Mode	Yes

SMART FEATURES

Wi-Fi Connect	Yes
Proactive Customer Care	Yes
Smart Diagnosis™	Yes
Works with	LG ThinQ®, Amazon Alexa, Google Assistant, SISECHEF, Nestle (*), Kraft-Heinz (*), Tovala (*)

POWER/RATINGS

Volts/Hertz/Amps	120V/60Hz/4.2A
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DIMENSIONS & WEIGHT

Cabinet Width (in.)	30
Overall Depth (in.) - including handle	29.3"
Overall Height (in.)	37.2"
Overall Width (in.)	29.9"
Product Weight (lb)	157.7
Shipping Weight (lb)	200.3
Shipping Dimensions (W x H x D) (in.)	32 1/2" x 44" x 30 1/2"

UPC CODES

LSEL6335F (Stainless Steel)	048231341882
LSEL6335D (Smudge Resistant Black Stainless Steel)	048231341899

*These partners may not yet be available at the time of purchase of this product, please continue to check for app updates



INSTALLATION MANUAL

MICROWAVE OVEN

Read this installation manual thoroughly before installing the appliance and keep it handy for reference at all times.

ENGLISH

MVEL213** MVEL212** MVEL203**



MFL37192913
Rev.00_050422

www.lg.com

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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, injury or scalding to persons when using this product, follow basic precautions, including the following:

Installation

- This appliance should not be installed by anyone except properly qualified service personnel.
- You will need two people to install this appliance. It is heavy and could cause personal injury if not handled properly.
- Avoid Electric Shock.

Before you drill into the wall, note where electrical outlets are and where electrical wires might be concealed behind the wall. You could get an electric shock if you contact electrical wires with your drill bit.

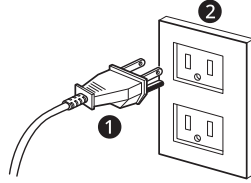
Locate and disconnect the power to any electrical circuits that could be affected by installing this appliance. If you do not disconnect the power, you could get an electric shock.

- This appliance must be grounded.

If there is an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord which includes a grounding wire with a grounding plug.

4 IMPORTANT SAFETY INSTRUCTIONS

- Place the plug into a properly installed and grounded outlet



- ❶ Three-pronged (grounding) plug
- ❷ Properly polarized and grounded outlet
- Do not use an extension cord.
- Keep the power cord dry and do not pinch or crush it. Failure to follow this instruction may cause a fire hazard.
- Do not, under any circumstances, remove the power supply cord grounding prong.
- If you use the grounding plug improperly, you risk electric shock and/or fire.
Check with a qualified electrician if you are not sure whether the oven is properly grounded or if you do not completely understand the grounding instructions.
- Do not use a fuse in the neutral or grounding circuit.
- Improper grounding could result in electric shock, fire or other personal injury.

Operation

- If you do not use the microwave oven as instructed, you could be exposed to excessive microwave energy.
- Do not try to operate the microwave oven with the door open.
- Do not tamper with or defeat the safety interlocks.
- Do not place objects between the microwave oven front face and the door.
- Do not allow soil or cleaner residue to build up on the flat surfaces around the microwave oven door.
- Do not operate the microwave oven if it is damaged.
- The microwave oven door must close properly to operate safely.
- Do not use the microwave oven:
 - If the door is bent.
 - If the hinges or latches are broken or loose.
 - If the door seals, sealing surfaces or glass is broken.
- Do not attempt to adjust or repair the oven yourself. It should be adjusted and repaired by a qualified technician who can check for microwave leakage after repairing the oven.

SAVE THESE INSTRUCTIONS

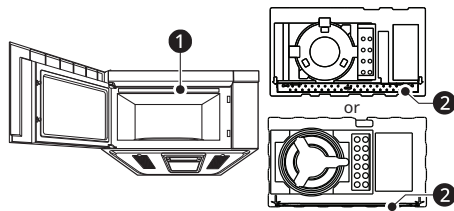
INSTALLATION

Before Installing

Before You Start

Be sure to read the following safety instructions. Read the entire manual before you begin. The model number plate ❶ is located on the oven front.

The mounting plate ❷ is located in the upper packing material.



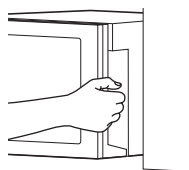
NOTE

- Vent grille appearance varies by model.

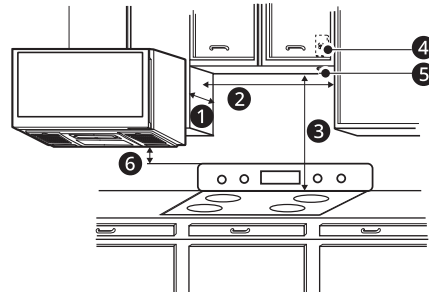
Make sure you have enough space and support.

- Mount the oven against a flat, vertical wall, so it is supported by the wall. The wall should be constructed of minimum 2" x 4" wood studing and 3/8" thick drywall or plaster/lath.
- Attach the two lag screws supporting the oven to a vertical, 2" x 4" wall stud.
- Do not mount the microwave oven to an island or peninsula cabinet.
- Be sure the upper cabinet and rear wall structures can support 150 lbs., plus the weight of any items you place inside the oven or upper cabinet.
- Locate the oven away from areas with strong drafts, such as windows, doors, and strong heating vents.
- The microwave oven has an inset handle on the right side. To access the handle and allow the door to swing open, install the product with sufficient clearance on the sides. Do not block the right side handle area by installing it against a wall or cabinet.

(Model: MVEL213**, MVEL203**)



- Be sure you have enough space (minimum vertical and horizontal clearance).



- ❶ Maximum 13": cabinet depth
- ❷ Minimum 30": cabinet opening width
- ❸ Minimum 30": clearance from bottom of cabinet to cooking surface or countertop before installation. (Use templates included with installation instructions.)
- ❹ Grounded Outlet (inside upper cabinet)
- ❺ Power Supply Cord Hole
- ❻ Minimum 2": clearance from the top of the range control panel to the bottom of microwave oven (slide-out hood model)

⚠ WARNING

- If you do not mount the oven as instructed, you risk personal injury and/or property damage.
- If your range has cooktop controls in the front, unplug the range before covering the cooktop to prevent risk of fire and damage if the knobs are accidentally activated while installing the OTR.
- The product is heavy. Use at least 2 people when lifting or installing the appliance to avoid injury or product damage.

⚠ CAUTION

- Before you begin installing the oven, place a piece of the carton or other heavy material (a blanket) over the countertop or cooktop to protect it. Do not use a plastic cover. Failure to protect these surfaces could result in property damage.

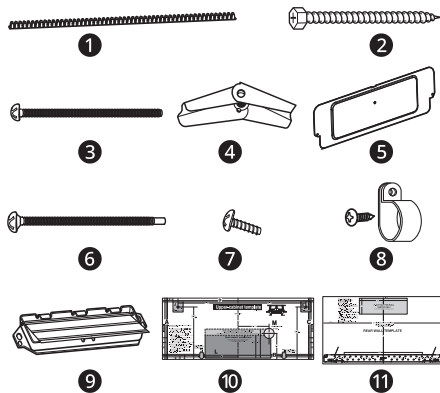
6 INSTALLATION

Parts

Included Parts

NOTE

- Depending on your ventilation requirements, you may not use all of these parts.



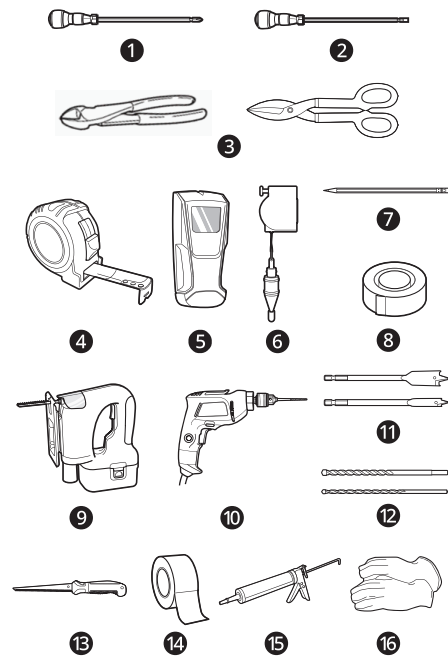
- 1 Power cord clamp bushing (1ea): for the cord hole in a metal upper cabinet
- 2 1/4" x 2" lag screw (2ea): for wall stud holes
- 3 1/4" x 3" toggle bolts (2ea): for drywall holes
- 4 Spring toggle heads (2ea): for the toggle bolts
- 5 Cover plate (1ea): for room venting installation
- 6 1/4" x 3" bolts (2ea): for securing to the upper cabinet
- 7 Tapping screws (3ea): for attaching the damper duct connector
- 8 Power cord clamp (1ea) and dark-colored mounting screw (1ea): to hold the power cord
- 9 Back-draft damper: 2 pieces must be assembled as shown. (for roof venting or wall venting installation, not for room venting installation)
- 10 Upper cabinet template (1ea)
- 11 Rear wall template (1ea)

NOTE

- You need to install at least two lag screws into a 2" x 4" stud and four anchor bolts into the wall. The mounting area must meet the 150 lb. weight requirement.

Tools and Materials

You will need the following tools and materials for the installation:



- 1 Phillips screwdriver (for the screws)
- 2 Flat blade screwdriver (for the toggle bolts)
- 3 Small side cutters (nipper) or tin snips
- 4 Measuring tape (metal preferred)
- 5 Stud finder
- 6 Plumb line
- 7 Pencil
- 8 Clear tape (for taping the templates to the wall)
- 9 Saber saw (for cutting vent holes for roof or wall venting)
- 10 Electric drill
- 11 3/8" and 3/4" wood drill bits
- 12 1/2" and 3/16" drill bits
- 13 Keyhole saw (for the power cord hole)
- 14 Duct tape
- 15 Caulking gun and caulk
- 16 Gloves

NOTE

- If you have brick or masonry walls, you will need special hardware and tools.
- The ductwork you need for the installation is not included. All wall and roof caps must have a back-draft damper (shown in Parts section).
- Wear proper gloves to protect your hands from injury.

Installing the Microwave Oven

Step 1: Prepare the Electrical Connection

- 1 Locate the grounded electrical outlet **2** for this oven in the upper cabinet **1**.

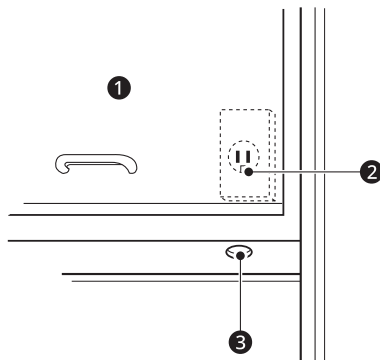
NOTE

- The outlet should be on a circuit dedicated to the microwave oven (120V, 60 Hz., AC only) with a 15 or 20 A fused electrical supply.
- Important: If you do not have the proper wall outlet, you **MUST** have one installed by a qualified electrician.

- 2 You will cut the hole **3** for the power supply cord later when you prepare the wall and upper cabinet in Step 4.

NOTE

- Do not use an extension cord. Keep the power cord dry and do not pinch or crush it.

**WARNING**

- Avoid electric shock. This appliance must be grounded.
- Improper grounding could result in electric shock or other personal injury.

Do not, under any circumstances, remove the power supply cord grounding prong.

Step 2: Prepare the Venting System

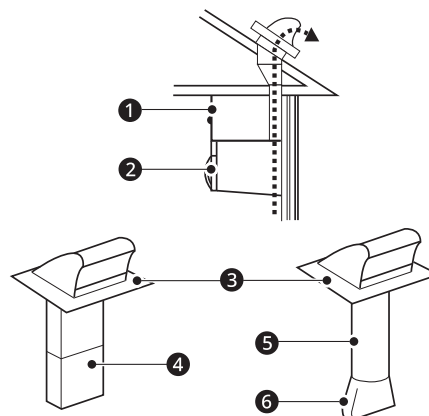
WARNING

- This oven must be properly vented.

You may vent your ductwork in one of three ways. Do not vent into a wall cavity, an attic, or an unused area.

Roof Venting

The oven is located on an outside wall near the roof: 3 1/4" x 10" duct **4** or minimum 6" diameter round duct **5**.

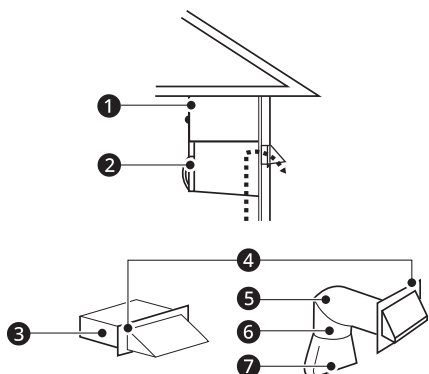


- 1** Cabinet
- 2** Oven
- 3** Roof Cap
- 4** 3 1/4" x 10" duct
- 5** Minimum 6" diameter round duct
- 6** 3 1/4" x 10" to 6" round duct transition

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Wall Venting

The oven is located on an outside wall of your house: 3 1/4" x 10" duct **3** or minimum 6" diameter round duct **6**.



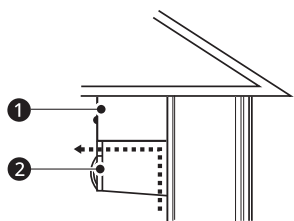
- 1** Cabinet
- 2** Oven
- 3** 3 1/4" x 10" duct
- 4** Wall cap
- 5** Elbow
- 6** Minimum 6" diameter round duct
- 7** 3 1/4" x 10" to 6" round duct transition

NOTE

- If you choose the rear exhaust method (roof venting or wall venting), be sure there is enough clearance within the wall for the exhaust duct.

Room Venting

The oven is located on an inside wall of your house.



- 1** Cabinet
- 2** Oven

When Installing Venting

- Keep the length of the ductwork and the number of elbows to a minimum to ventilate your oven efficiently. See examples in next section.
- Keep the size of the ductwork the same.

- Do not install two elbows together.
- Use duct tape to seal all joints in the duct system.
- Use caulking to seal the exterior wall or roof opening around the cap.
- After installation, check the outside hood opening and operation.
- For the outside hood opening and size refer to the upper cabinet template or rear wall template.

NOTE

- The ductwork you need for outside ventilation is not included with your oven. See the standard ductwork fittings.

Standard Ductwork Fittings

If the existing duct is round, you must use a rectangular-to-round adapter, with a rectangular 3" extension duct installed between the damper assembly and the adapter to prevent the exhaust damper from sticking.

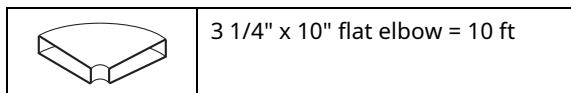
Duct Length

The total length of the duct system, including straight duct, elbows, transitions, and wall or roof caps must not exceed 140 feet.

For best performance, do not use more than three 90 degree elbows, and keep the length as short as possible.

Below are the standard fittings and their equivalent length in feet.

	3 1/4" x 10" to 6" transition = 5 ft
	3 1/4" x 10" roof cap = 24 ft
	3 1/4" x 10" 90° elbow = 25 ft
	90° elbow = 10 ft
	3 1/4" x 10" wall cap = 40 ft
	45° elbow = 5 ft



3 1/4" x 10" flat elbow = 10 ft

To calculate the equivalent length of each duct piece used, see the examples below.

For 3 1/4" x 10" systems	
1/4" x 10" 90° elbow ① (1ea)	= 25 ft
Wall cap ② (1ea)	= 40 ft
Straight duct (8 ft)	= 8 ft
Total length	= 73 ft
For 6" round systems	
Transition (1ea)	= 5 ft
90°elbows ② (2ea)	= 20 ft
Wall cap ③ (1ea)	= 40 ft
Straight duct (8 ft)	= 8 ft
Total length	= 73 ft

Step 3: Prepare the Venting Blower

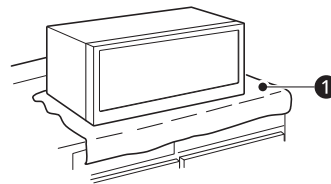
Your microwave oven is shipped with the blower assembled for roof venting. You need to adjust the blower if you want wall-venting or room-venting installation.

⚠ WARNING

- Electric shock hazard! Unplug unit before working on it.
- Do not pull or stretch the blower wiring. Pulling and stretching the blower wiring could result in electric shock.
- To avoid risk of property damage, unplug the microwave oven or disconnect the power at the source by removing the fuse or throwing the circuit breaker.
- To avoid risk of personal injury, wear protective gloves when handling the mounting plate.

Installation

- 1 Remove any shipping materials and parts from inside the microwave oven. Set them aside for later use.
- 2 Cover the countertop or cooktop with a thick, protective covering to protect it from damage and dirt. If your range has cooktop controls in the front, unplug the range before covering the cooktop to prevent risk of fire and damage if the knobs are accidentally activated while installing the OTR.



- 1 Blanket, cardboard or other covering

NOTE

- If you have a free-standing range, disconnect it, move it onto a piece of cardboard or hardboard and pull it away from the wall, so that you can get closer to the upper cabinet and back wall for easier measuring and drilling.

- 3 Locate the exhaust adapter, grease filters and hardware packet.

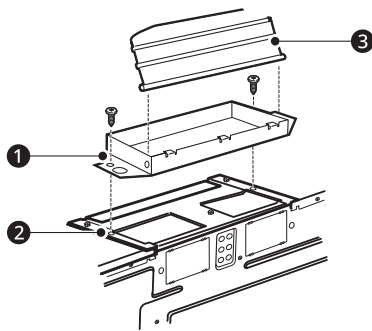
- 4 At this point, remove any adhesive tape (if there is any), on the exhaust adapter, the grease filters and the power supply cord.

Roof-Venting Installation

This oven is shipped assembled for roof-venting.

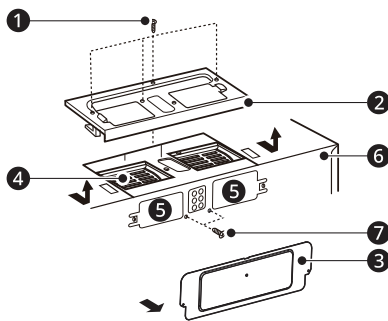
- 1 Insert the tabs on each side of the damper into the holes at the inside rear of the adapter. Attach the exhaust adapter ① to the blower plate ② with the two tapping screws provided. Make sure that the damper ③ swings freely.

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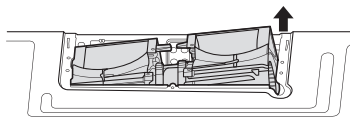
Wall-Venting Installation

- 1 Remove one or several blower plate mounting screw(s) ① and the blower plate ②. Remove the cover plate ③ and one or two blower unit mounting screw(s) ⑦.

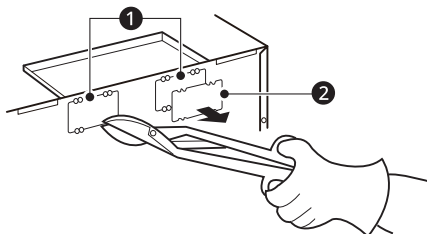


- ④ Blower unit
- ⑤ Knockouts
- ⑥ Back plate

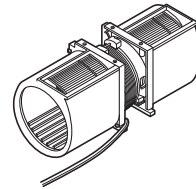
- 2 Carefully lift the blower unit out of the microwave oven.



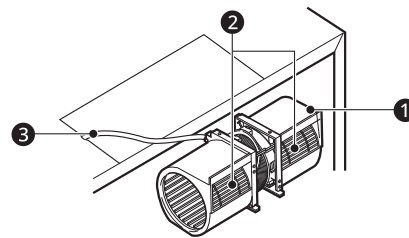
- 3 Use side cutters or tin snips to cut out and remove the knockouts ② from the back plate ①. Be careful not to distort the back plate. Discard the knockouts.



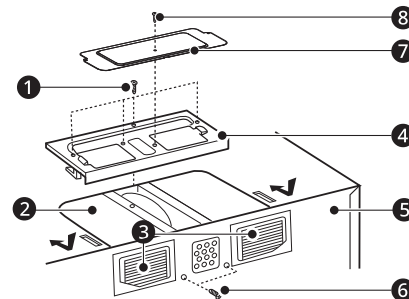
- 4 To avoid pinching the blower wire, make sure that it is channeled underneath and between the two exhaust ports when they are rotated.



- 5 Rotate and reinstall the blower unit ① so that the exhaust ports ② face the rear of the cabinet and are aligned with the rear knockouts. When you insert the blower unit, the blower wire ③ must be routed as shown.

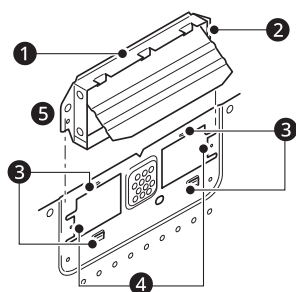


- 6 Attach the blower plate ④ to the microwave oven so the blower unit exhaust ports ③ and blower plate opening are aligned. Attach one or two blower unit mounting screw(s) ⑥ and then one or several blower plate mounting screw(s) ①. Attach the cover plate ⑦ on the blower plate with a screw ⑧.



- ② Blower unit
- ⑤ Back plate

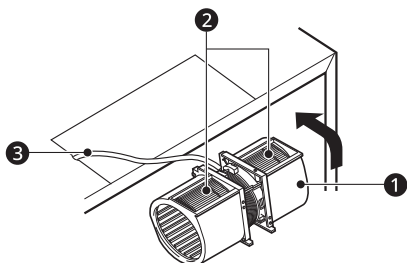
- 7 Insert the tabs on each side of the damper into the holes at the inside rear of the adapter. Attach the exhaust adapter ① to the back plate wall side. Push in securely until it is past the top locking tabs ③ and in the lower locking tabs ③. Make sure that the damper hinge is at the top and that the damper swings freely.



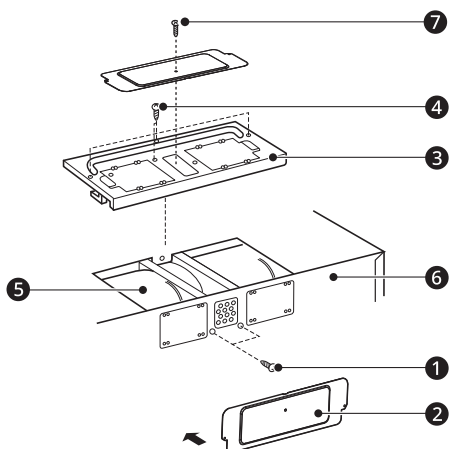
- ② Damper (hinge side up)
- ③ Guides
- ⑤ Slide exhaust adapter into guides on rear panel.

Room-Venting Installation

- 1 Follow steps 1 and 2 under Wall-Venting Installation.
- 2 Rotate and reinstall the blower unit ① so that the exhaust ports ② face the front of the cabinet. When you insert the blower unit, the blower wire ③ must be routed as shown.



- 3 Attach one or two blower unit mounting screw(s) ①. Attach the cover plate ② on the back. Attach the blower plate ③ to the microwave oven. Attach one or several blower plate mounting screw(s) ④. Attach the cover plate ② on the blower plate and attach the screw ⑦.



- ⑤ Blower unit
- ⑥ Back plate

! WARNING

- Fire hazard! Correctly install the vent fan before use.

When changing the vent fan position for wall venting or room venting:

- Properly align the ventilation fan openings and blower plate knockouts.
- Ventilation fan openings should be completely exposed to the outside.
- After installation, check the air ventilation path. Refer to step 2 for proper vent selection.

Improper installation can cause problems such as:

- Inability to assemble the blower plate or ventilation motor correctly
- Abnormal noise during product operation
- Weak ventilation
- Product overheating and the possibility of product breakdown or fire

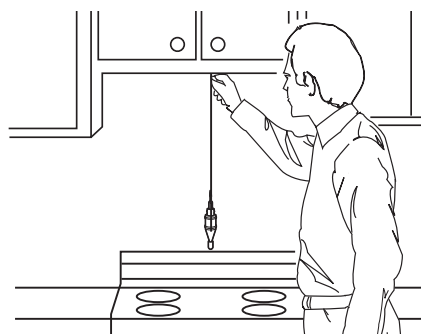
Step 4: Prepare the Wall and Upper Cabinet

! WARNING

- To avoid personal injury or property damage, do not attempt to install this microwave oven if you cannot find a wall stud. Consult a carpenter or contractor.

Measure and Attach Templates

- 1 Using a plumb line and (metal) measuring tape, find and mark the vertical center line on the back wall of the opening.



- 2 Find and mark one or two points where the studs are on the wall. (Studs are normally 16

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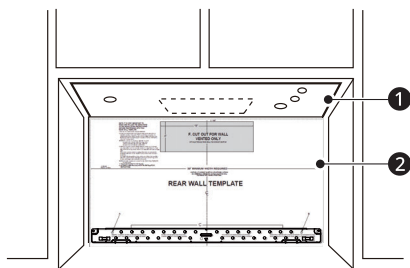
inches apart.) Then measure and mark the stud locations. If you cannot find any wall studs, consult a local building contractor.

- 3 Draw a vertical line on the wall at the center of the 30" wide opening.

NOTE

- Be sure the minimum width is 30 inches.

- 4 Center the rear wall template ② in the space by lining up the plumb line on the wall with the centerline on the template. Then securely tape or tack the rear wall template in place. Make sure the minimum width is 30 inches and that the top of the rear wall template is located a minimum of 30 inches above the cooking surface. Measure the bottom of the upper cabinet frame. Trim edges A, B, and C on the upper cabinet template ① so that the template will fit on the bottom of the upper cabinet. If the upper cabinet has a recessed frame, trim the template so it fits inside the recessed area. If needed, the template can be trimmed inside the printed trim lines, as long as you are able to align the centerline correctly. Align the centerline of the upper cabinet template with the centerline of the rear wall template, then securely tape or tack the upper cabinet template in place.

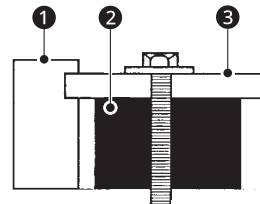


⚠ WARNING

- To avoid risk of personal injury, electric shock or death:
 - Note where electrical outlets and electrical wires are before you drill into the wall.
 - Locate and disconnect power to any electrical circuits that could be affected by installing this oven.
- To avoid risk of personal injury, electric shock or death, cover the edge of the power supply cord hole with the power supply cord bushing.

Drill Holes in Wall and Cabinet

- 1 Drill holes on the circles. If there is a stud, drill a 3/16" hole for lag screws. If there is no stud, drill a 3/4" hole for toggle bolts. Make sure to use at least 1 lag screw in a stud, and 2 toggle screws in the drywall or the plaster.
- 2 Drill a 3/8" hole at points J and K on the upper cabinet template. If the bottom of the upper cabinet is recessed 3/4" or more, you will need 2"x 2" filler blocks ② (not included) to provide additional support for the bolts.

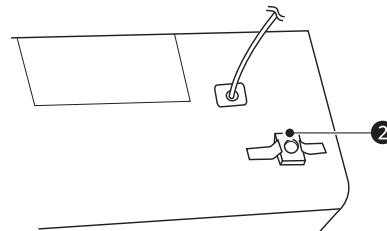


① Cabinet front

③ Cabinet bottom shelf

Mark the center of each filler block and drill a 3/8" diameter hole at the marks.

Align filler blocks ② over the two openings in the top of the microwave oven cabinet and attach to the cabinet with masking tape.



- 3 Cut or drill a 2" diameter hole at the area marked "M power supply cord hole" on the upper cabinet template. If the upper cabinet is metal, you will need to cover the edge of the hole with the power supply cord bushing (supplied) to prevent damage to the cord from the rough metal edge.
- 4 Cut out the venting areas (with the saber saw)
 - Roof-venting: cut out the shaded area marked L on the upper cabinet template.
 - Wall-venting: cut out the shaded area marked F on the rear wall template.
 - Room-venting: go to Step 5: Install the Mounting Plate.

- 5** Complete whichever venting system you have chosen. Use caulking compound to seal the exterior wall or roof opening around the wall cap or roof cap.

Step 5: Install the Mounting Plate

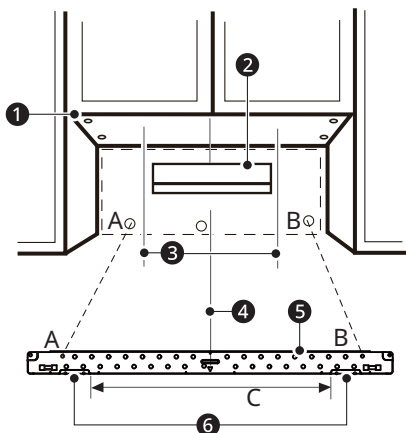
The oven must be connected to at least one wall stud.

- 1** Center the rear wall template in the space by lining up the plumb line on the wall with the centerline on the template. Then securely tape or tack the rear wall template in place. Make sure the minimum width is 30 inches and that the top of the rear wall template is located a minimum of 30 inches above the cooking surface.

NOTE

- If the cabinets are not plumb, adjust the rear wall template to the cabinets. If the front edge of the cabinet is lower than the back edge, adjust the template to be level with the cabinet front.

- 2** Drill holes at points A and B. Drill the third hole inside area C, through one of the bottom holes to match the location of a stud. If there is a stud, drill a 3/16 hole for lag screws. If there is no stud, drill a 5/8 hole for toggle bolts. These holes must be used for mounting. If the holes are not used, the installation will not be secure. The installer must use these holes for proper installation. Use toggle bolts through these holes, unless one of them lines up with a stud. Use a lag screw for studs. Make sure to use at least 1 lag screw in a stud, and 2 toggle bolts in the drywall or the plaster.



- 1** Minimum 66" from the floor
2 For wall - venting only

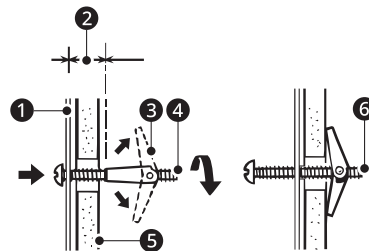
- 3** Draw lines on studs
4 Draw center Line
5 Mounting plate
6 Support tab

NOTE

- Cut out the shaded area marked F on the rear wall template for wall-venting.

- 3** Remove the template from the rear wall.

- 4** Attach the plate to the wall **5**. To use spring toggle head bolts **4**: Remove the toggle wings **3** from the bolts. Insert the bolts into the mounting plate **1** and replace the spring toggle head to 3/4 of the length past the bolt ends. Insert the spring toggle head into the holes in the wall to mount the plate. You may pull forward on the plate to help in tightening the toggle bolts. Tighten all bolts.



- 2** Space more than wall thickness
6 Bolt end

Step 6: Attach the Oven to the Wall

⚠ WARNING

- To avoid risk of personal injury or property damage, you will need two people to install this microwave oven.

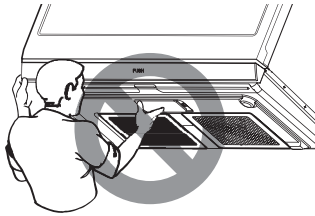
NOTE

- Do not apply force directly to the outside bottom surface of the product. The slide-out vent latch may be damaged if force is applied directly to the center bottom of the product.
- Set the product down on a flat surface only during unpacking, gently set the product onto a flat surface such as a kitchen table or counter.
- Do not lift or support the product by the bottom center face. The product is best handled by the bottom sides near the legs.

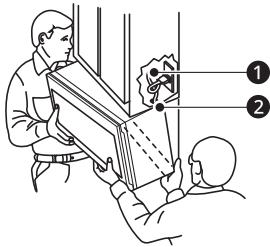
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NOTE

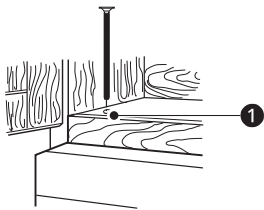
- Do not remove the packing tape on the slide-out vent during installation. Once the product is fully installed, remove the tape and check that the vent easily slides open and closed with a push.



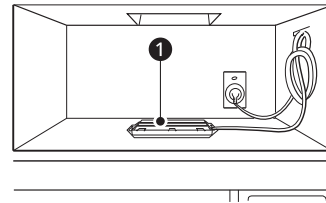
- Carefully lift the microwave oven and hang it on the support tabs at the bottom of the mounting plate. Reaching through the upper cabinet, thread the power supply cord **1** through the power supply cord hole **2** in the bottom of the upper cabinet.



- Rotate the microwave oven upward so the top of the oven is against the bottom of the upper cabinet or cabinet frame.
- Then insert a bolt down through each hole **1** in the upper cabinet bottom. Tighten the bolts until the gap between the upper cabinet and microwave oven is closed.

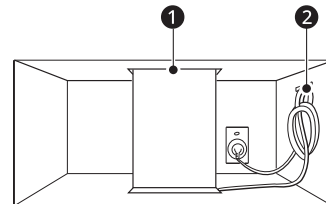


- Roof venting installation: Install the ductwork through the vent opening in the upper cabinet. Use a caulking gun to seal the exterior roof opening around the exhaust cap.



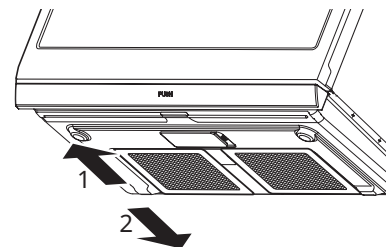
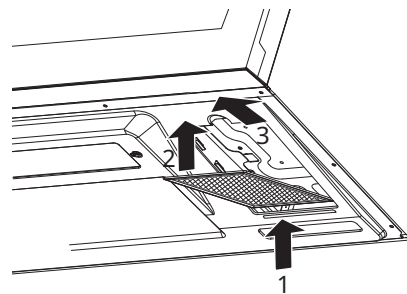
1 Damper

- Use the power supply cord clamp **2** to bundle the power supply cord. Install the power supply cord clamp to the inside of the cabinet using a screw.



1 Duct

- Grasp the filter screen with one hand holding the ring and the other hand holding the opposite end. Insert the end of the filter screen without the ring into the opening and slide towards the side of the microwave oven. Insert the ring end of the filter screen into the opening and slide the entire screen towards the center of the microwave until the screen is securely in position. Repeat for the other filter screen.

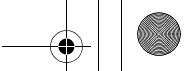


APPENDIX

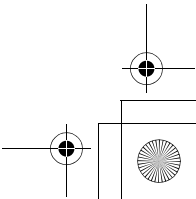
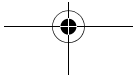
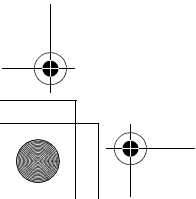
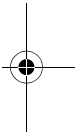
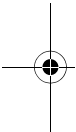
Checking Operation

Before Using the Oven

- 1 Plug in the power supply cord.
- 2 Read your Owner's Manual, and then check the operation of your oven.



16 Memo





MANUEL D'INSTALLATION

FOUR À MICRO-ONDES

Veuillez lire attentivement le présent manuel d'installation avant d'installer l'appareil et conservez-le à portée de la main pour le consulter en tout temps.

FRANÇAIS

MVEL213** MVEL212** MVEL203**

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IMPORTANTES INSTRUCTIONS DE SÉCURITÉ

LISEZ TOUTES LES CONSIGNES AVANT L'UTILISATION

FRANÇAIS

Messages de sécurité

Il est très important d'assurer votre sécurité et celle des autres.

Nous fournissons de nombreux conseils de sécurité importants dans ce manuel et sur votre appareil. Lisez toujours l'ensemble des messages de sécurité et respectez-les.

Ceci est le symbole d'alerte de sécurité.



Ce symbole vous alerte de dangers potentiels qui peuvent causer la mort ou des blessures. Tous les messages de sécurité seront précédés du symbole d'alerte de sécurité et du terme **AVERTISSEMENT** ou **MISE EN GARDE**.

Ces mots signifient :



AVERTISSEMENT

Vous pouvez être tué ou gravement blessé si vous ne suivez pas les consignes.



MISE EN GARDE

Vous pourriez vous blesser ou endommager le produit si vous ne suivez pas les consignes.

Tous les messages de sécurité vous avertissent d'un danger potentiel et vous disent comment réduire le risque de blessure, ainsi que ce qui peut arriver si les instructions ne sont pas suivies.

AVERTISSEMENT



AVERTISSEMENT

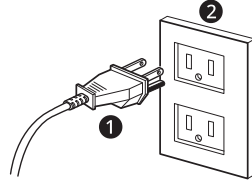
- Pour réduire les risques d'explosion, d'incendie, de mort, de décharge électrique, de brûlure ou de blessures lors de l'utilisation de l'appareil, prenez les précautions élémentaires, y compris les suivantes :

Installation

- Cet appareil doit être installé uniquement par du personnel d'entretien qualifié.
- Vous aurez besoin de deux personnes pour installer cet appareil. Il est lourd et pourrait causer des blessures s'il n'est pas manipulé correctement.
- Évitez toute décharge électrique.
Avant de percer le mur, notez l'emplacement des prises électriques et des fils électriques qui pourraient être dissimulés derrière le mur. Vous risquez de recevoir une décharge électrique si la mèche de votre perceuse entre en contact avec des fils électriques.
Repérez les circuits électriques qui pourraient être affectés par l'installation de cet appareil et coupez leur alimentation. Si vous ne coupez pas le courant, vous risquez de recevoir une décharge électrique.
- Cet appareil doit être mis à la terre.
En cas de court-circuit électrique, la mise à la terre réduit le risque de décharge électrique, car elle permet au courant électrique de retourner à la terre. Cet appareil est équipé d'un cordon qui comprend un fil de mise à la terre et une fiche de mise à la terre.

4 IMPORTANTES INSTRUCTIONS DE SÉCURITÉ

- Insérez la fiche dans une prise de courant correctement installée et mise à la terre.



❶ Fiche (de mise à la terre) à trois broches

❷ Prise de courant correctement polarisée et mise à la terre

- N'utilisez pas de rallonge.
- Gardez le cordon d'alimentation au sec et évitez de le pincer ou de l'écraser. Le non-respect de cette consigne peut entraîner un risque d'incendie.
- Ne retirez en aucun cas la broche de mise à la terre du cordon d'alimentation.
- Une utilisation inadéquate de la fiche de mise à la terre peut causer une décharge électrique et/ou un incendie.

Si vous n'êtes pas sûr que le four est correctement mis à la terre, ou si vous ne comprenez pas bien les instructions de mise à la terre, consultez un électricien qualifié.

- N'utilisez pas de fusible dans le circuit neutre ou de mise à la terre.
- Une mise à la terre incorrecte pourrait provoquer une décharge électrique, un incendie ou d'autres blessures.

Fonctionnement

- Si vous ne respectez pas les instructions d'utilisation du four à micro-ondes, vous risquez d'être exposé à une trop grande quantité d'énergie micro-ondes.
- N'essayez pas de faire fonctionner le four à micro-ondes avec la porte ouverte.
- N'essayez pas de modifier ou d'annuler les verrouillages de sécurité.
- Ne placez pas d'objets entre la façade du four à micro-ondes et la porte.
- Ne laissez pas de la saleté ni de résidus de nettoyant s'accumuler sur les surfaces plates autour de la porte du four à micro-ondes.
- Ne faites pas fonctionner le four à micro-ondes s'il est endommagé.
- La porte du four à micro-ondes doit être fermée correctement pour que celui-ci fonctionne de façon sécuritaire.
- N'utilisez pas le four à micro-ondes si :
 - la porte est déformée.
 - les charnières ou les loquets sont cassés ou desserrés.
 - les joints de la porte, les surfaces d'étanchéité ou le verre sont cassés.
- N'essayez pas de régler ou de réparer le four vous-même. Il faut le faire régler et réparer par un technicien qualifié, qui pourra vérifier qu'il n'y a pas de fuite de micro-ondes après avoir réparé le four.

GARDEZ CES CONSIGNES

INSTALLATION

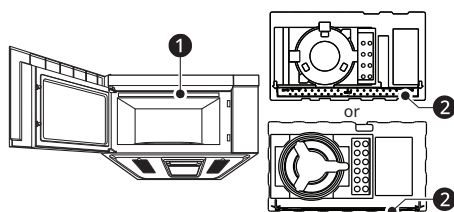
Avant l'installation

Avant de commencer

Assurez-vous de lire les consignes de sécurité suivantes.

Lisez le manuel dans son intégralité avant de commencer. La plaque de numéro de modèle **1** est située sur la façade du four.

La plaque de montage **2** est située dans la partie supérieure de l'emballage.



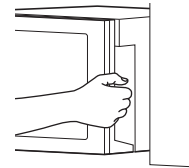
REMARQUE

- L'apparence de la grille d'aération varie selon le modèle.

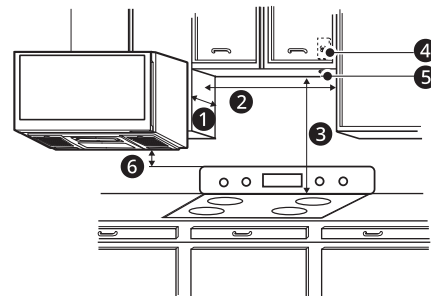
Assurez-vous que l'emplacement est suffisamment grand pour accueillir l'appareil et résistant pour supporter son poids.

- Installez le four contre un mur vertical et plat afin que son poids soit supporté par le mur. Le mur doit être fabriqué de montants de bois d'un minimum de 2 po x 4 po et d'une cloison sèche ou de plâtre d'un minimum de 3/8 po.
- Fixez les deux tire-fonds qui soutiennent le four à un montant vertical de 2 po x 4 po.
- N'installez pas le four à micro-ondes dans un îlot de cuisine.
- Assurez-vous que l'armoire supérieure et le mur arrière peuvent supporter 150 lb en plus du poids de tout ce que vous pourriez placer à l'intérieur du four ou de l'armoire supérieure.
- Placez le four loin des endroits où les courants d'air sont forts, comme près des fenêtres, des portes et des grandes bouches de chaleur.
- Le four à micro-ondes comporte une poignée encastrée sur le côté droit. Pour accéder à la poignée et permettre à la porte de s'ouvrir, installez le produit en laissant un espace suffisant sur les côtés. Ne bloquez pas la zone de la poignée du côté droit en l'installant contre un mur ou une armoire.

(Modèles : MVEL213**, MVEL203**)



- Assurez-vous qu'il y a suffisamment d'espace (dégagement vertical et horizontal minimum).



- 1 Maximum de 13 po : profondeur de l'armoire
- 2 Minimum de 30 po : largeur d'ouverture de l'armoire
- 3 Minimum de 30 po : dégagement entre le bas de l'armoire et la surface de cuisson ou le comptoir avant l'installation. (Utilisez les gabarits inclus dans les instructions d'installation).
- 4 Prise de courant mise à la terre (à l'intérieur de l'armoire supérieure)
- 5 Trou pour le cordon d'alimentation
- 6 Minimum de 2 po : dégagement entre le haut du panneau de commande de la cuisinière et le bas du four à micro-ondes (modèle avec hotte coulissante).

⚠ AVERTISSEMENT

- Si vous n'installez pas le four conformément aux instructions, vous risquez de vous blesser ou de causer des dommages matériels.
- Si votre cuisinière est dotée d'une surface de cuisson avec commandes frontales, débranchez la cuisinière avant de recouvrir la surface de cuisson pour éviter tout risque d'incendie et de dommages si les boutons sont activés accidentellement pendant l'installation du four à micro-ondes avec hotte intégrée.

6 INSTALLATION

⚠ AVERTISSEMENT

- Le produit est lourd. Soyez au moins deux personnes pour le soulever ou l'installer afin d'éviter toute blessure ou tout dommage au produit.

⚠ MISE EN GARDE

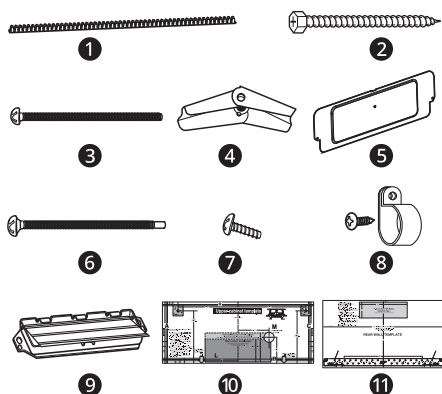
- Avant de commencer à installer le four à micro-ondes, placez un morceau du carton ou un autre matériau lourd (une couverture) sur la surface de cuisson ou le comptoir pour le protéger. N'utilisez pas de couverture en plastique. Le fait de ne pas protéger ces surfaces pourrait entraîner des dommages matériels.

Pièces

Pièces incluses

REMARQUE

- Selon vos besoins en matière de ventilation, il se peut que vous n'utilisiez pas toutes ces pièces.



- Manchon de serrage du cordon d'alimentation (1) : pour le trou du cordon dans une armoire supérieure en métal
- Tire-fonds de 1/4 po x 2 po (2) : pour les trous de montants muraux
- Boulons à ailettes de 1/4 po x 3 po (2) : pour les trous dans la cloison sèche
- Barrettes articulées (2) : pour les boulons à ailettes
- Plaque de finition (1) : pour l'installation du système de ventilation de la pièce

- Boulons de 1/4 po x 3 po (2) : pour fixer l'armoire supérieure

- Vis taraudeuses (3) : pour fixer le raccord de conduit du registre

- Pince pour cordon d'alimentation (1) et vis de montage de couleur sombre (1) : pour maintenir le cordon d'alimentation en place

- Registre anti-refoulement : Les deux pièces doivent être assemblées comme il est indiqué (pour installer le système de ventilation sur le toit ou au mur, pas pour installer le système de ventilation de la pièce).

- Gabarit de l'armoire supérieure (1)

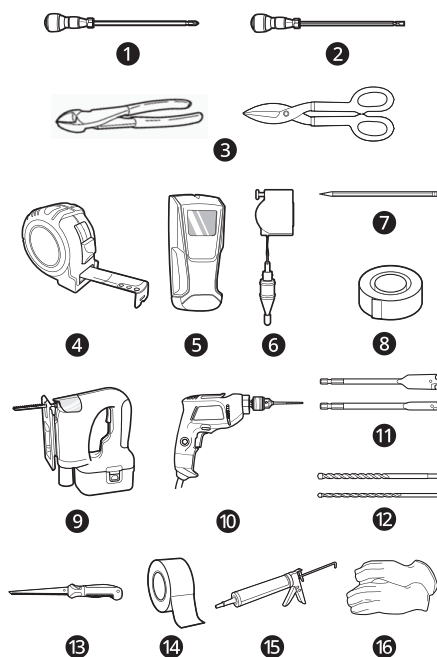
- Gabarit du mur arrière (1)

REMARQUE

- Vous devez installer au moins deux tire-fonds dans un montant de 2 po x 4 po et quatre boulons d'ancrage dans le mur. La zone de montage doit respecter la norme de poids de 150 lb.

Outils et matériaux

Vous aurez besoin des outils et matériaux suivants pour l'installation :



- Tournevis Phillips (pour les vis)
- Tournevis à tête plate (pour les boulons à ailettes)

- ③ Petite pince à tranchant latéral ou cisaille de ferblantier
- ④ Ruban à mesurer (préférentiellement en métal)
- ⑤ Détecteur de montant
- ⑥ Fil à plomb
- ⑦ Crayon
- ⑧ Ruban adhésif transparent (pour fixer les gabarits au mur)
- ⑨ Scie sauteuse (pour le découpage de trous d'aération pour la ventilation du toit ou du mur)
- ⑩ Perceuse électrique
- ⑪ Mèches à bois de 3/8 po et 3/4 po
- ⑫ Mèches de 1/2 po et 3/16 po
- ⑬ Scie à guichet (pour le trou du cordon d'alimentation)
- ⑭ Ruban à conduits
- ⑮ Pistolet à calfeutrer et produit de calfeutrage
- ⑯ Gants

REMARQUE

- Si vous avez des murs en briques ou en maçonnerie, vous aurez besoin de matériel et d'outils spéciaux.
- Les conduits dont vous avez besoin pour l'installation ne sont pas inclus. Tous les couvre-joints muraux et de toit doivent être équipés d'un registre anti-refoulement (illustré dans la section Pièces).
- Portez des gants appropriés pour éviter de vous blesser les mains.

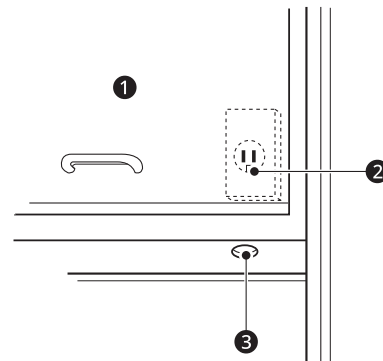
uniquement) avec une alimentation électrique à fusible de 15 ou 20 A.

- Important : Si vous ne disposez pas d'une prise murale appropriée, vous DEVEZ en faire installer une par un électricien qualifié.

- 2** Vous découperez le trou ③ pour le cordon d'alimentation plus tard, lorsque vous préparerez le mur et l'armoire supérieure à l'étape 4.

REMARQUE

- N'utilisez pas de rallonge. Gardez le cordon d'alimentation au sec et évitez de le pincer ou de l'écraser.



⚠ AVERTISSEMENT

- Évitez toute décharge électrique. Cet appareil doit être mis à la terre.
- Une mise à la terre incorrecte pourrait provoquer une décharge électrique ou d'autres blessures.

Ne retirez en aucun cas la broche de mise à la terre du cordon d'alimentation.

Installation du four à micro-ondes

Étape 1 : Préparer le branchement électrique

- 1** Repérez la prise électrique mise à la terre ② dans l'armoire supérieure de ce four ①.

REMARQUE

- La prise doit se trouver sur un circuit dédié au four à micro-ondes (120 V, 60 Hz., C.A.).

Étape 2 : Préparer le système de ventilation

⚠ AVERTISSEMENT

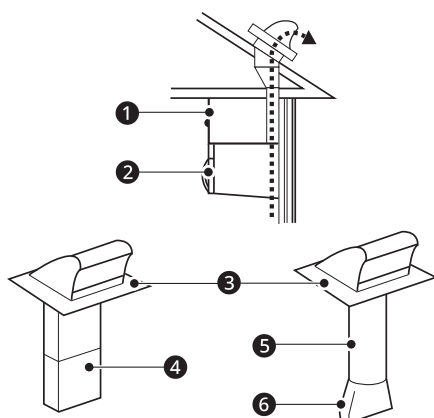
- Ce four doit être correctement ventilé.

Vous pouvez ventiler vos conduits de l'une des trois façons suivantes. Ne ventilez pas dans une cavité murale, un grenier ou une zone inutilisée.

8 INSTALLATION

Ventilation sur le toit

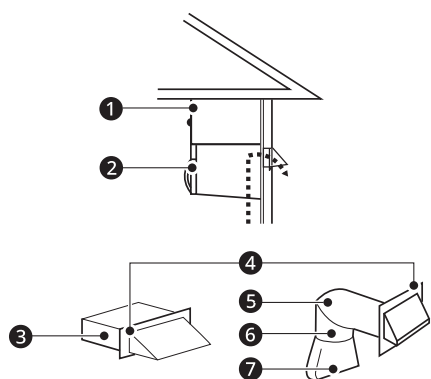
Le four est situé sur un mur extérieur, près du toit : Conduit de 3 ¼ po x 10 po ④ ou conduit rond d'un minimum de 6 po de diamètre ⑤.



- ① Armoire
- ② Four
- ③ Couvre-joint de toit
- ④ Conduit de 3 ¼ po x 10 po
- ⑤ Conduit rond d'un minimum de 6 po de diamètre
- ⑥ Transition entre un conduit rond de 3 ¼ po x 10 po et un conduit rond de 6 po.

Ventilation murale

Le four est situé sur un mur extérieur de votre maison : Conduit de 3 ¼ po x 10 po ③ ou conduit rond d'un minimum de 6 po de diamètre ⑥.



- ① Armoire
- ② Four
- ③ Conduit de 3 ¼ po x 10 po
- ④ Couvre-joint mural

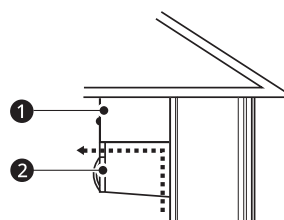
- ⑤ Coude
- ⑥ Conduit rond d'un minimum de 6 po de diamètre
- ⑦ Transition entre un conduit rond de 3 ¼ po x 10 po et un conduit rond de 6 po.

REMARQUE

- Si vous choisissez la méthode d'évacuation par l'arrière (évacuation sur le toit ou murale), assurez-vous que le dégagement dans le mur est suffisant pour le conduit d'évacuation.

Ventilation de la pièce

Le four est situé sur un mur intérieur de votre maison.



- ① Armoire
- ② Four

Lors de l'installation du système de ventilation

- Pour ventiler efficacement votre four, réduisez au minimum la longueur des conduits et le nombre de coudes. Reportez-vous aux exemples dans la section suivante.
- Veillez à ce que la taille des conduits reste la même.
- N'installez pas deux coudes ensemble.
- Utilisez du ruban adhésif pour sceller tous les joints du système de conduits.
- Utilisez du produit de calfeutrage pour sceller l'ouverture du mur extérieur ou du toit autour du couvre-joint.
- Après l'installation, vérifiez l'ouverture et le fonctionnement de la hotte extérieure.
- Pour connaître l'ouverture et la taille de la hotte extérieure, reportez-vous au gabarit de l'armoire supérieure ou au gabarit du mur arrière.

REMARQUE

- Les conduits dont vous avez besoin pour la ventilation extérieure ne sont pas fournis avec

votre four. Reportez-vous aux raccords standard pour les conduits.

Raccords standard pour les conduits

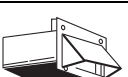
Si le conduit existant est rond, vous devez utiliser un adaptateur rectangulaire à rond, avec un conduit d'extension rectangulaire de 3 po installé entre l'assemblage du volet et l'adaptateur pour empêcher le volet d'évacuation de se coincer.

Longueur des conduits

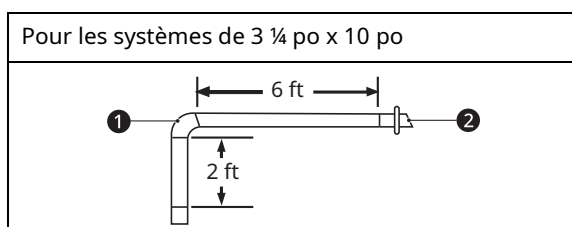
La longueur totale du système de conduits, y compris les conduits droits, les coudes, les transitions et les couvre-joints muraux ou de toit, ne doit pas dépasser 140 pieds.

Pour une meilleure performance, n'utilisez pas plus de trois coudes à 90 degrés et gardez la longueur aussi courte que possible.

Vous trouverez ci-dessous les raccords standard et leur longueur équivalente en pieds.

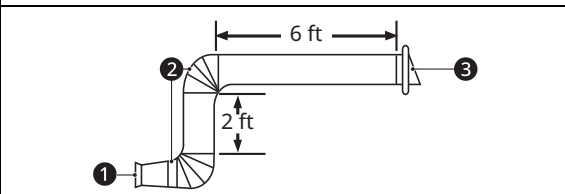
	Transition : 3 ¼ po x 10 po x 6 po = 5 pi
	Couvre-joint de toit : 3 ¼ po x 10 po = 24 pi
	Coude à 90° : 3 ¼ po x 10 po = 25 pi
	Coude à 90° = 10 pi
	Couvre-joint mural : 3 ¼ po x 10 po = 40 pi
	Coude à 45° = 5 pi
	Coude plat : 3 ¼ po x 10 po = 10 pi

Pour calculer la longueur équivalente de chaque pièce de conduit utilisée, voir les exemples ci-dessous.



Coude à 90° de ¼ po x 10 po ① (1)	25 pi
Couvre-joint mural ② (1)	40 pi
Conduit droit (8 pi)	8 pi
Longueur totale	73 pi

Pour les systèmes ronds de 6 po



Transition (1)	5 pi
Coudes à 90° ② (2)	20 pi
Couvre-joint mural ③ (1)	40 pi
Conduit droit (8 pi)	8 pi
Longueur totale	73 pi

Étape 3 : Préparer le ventilateur d'évacuation

Votre four à micro-ondes est expédié avec le ventilateur assemblé pour la ventilation sur le toit. Vous devez ajuster le ventilateur si vous souhaitez une installation de ventilation murale ou de ventilation de pièce.

⚠ AVERTISSEMENT

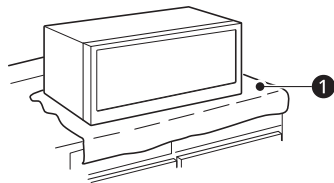
- Risque de décharge électrique! Débranchez l'appareil avant de travailler dessus.
- Ne tirez pas et n'étirez pas le câblage du ventilateur. Le fait de tirer et d'étirer le câblage du ventilateur pourrait entraîner une décharge électrique.
- Pour éviter tout risque de dommages matériels, débranchez le four à micro-ondes ou coupez l'alimentation à la source en retirant le fusible ou en déclenchant le disjoncteur.
- Pour éviter tout risque de blessure corporelle, portez des gants de protection lorsque vous manipulez la plaque de montage.

Installation

- 1 Retirez tous les matériaux et pièces d'expédition de l'intérieur du four à micro-ondes. Mettez-les de côté pour une utilisation ultérieure.
- 2 Recouvrez le comptoir ou la surface de cuisson d'un revêtement épais et protecteur pour le protéger des dommages et de la

10 INSTALLATION

saleté. Si votre cuisinière est dotée d'une surface de cuisson avec commandes frontales, débranchez la cuisinière avant de recouvrir la surface de cuisson pour éviter tout risque d'incendie et de dommages si les boutons sont activés accidentellement pendant l'installation du four à micro-ondes avec hotte intégrée.



① Couverture, carton ou autre revêtement

REMARQUE

- Si vous avez une cuisinière autoportante, débranchez-la, déplacez-la sur un morceau de carton ou de panneau dur et éloignez-la du mur, afin de pouvoir vous rapprocher de l'armoire supérieure et du mur arrière pour faciliter les mesures et le perçage.

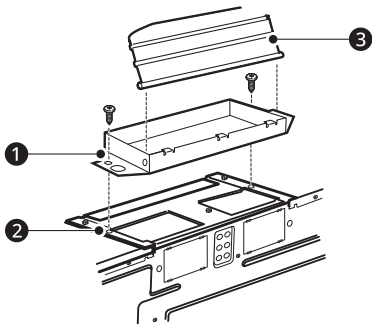
3 Localisez l'adaptateur d'évacuation, les filtres à graisse et la quincaillerie.

4 À ce stade, retirez le ruban adhésif (s'il y en a un) sur l'adaptateur d'évacuation, les filtres à graisse et le cordon d'alimentation.

Installation du système de ventilation sur le toit

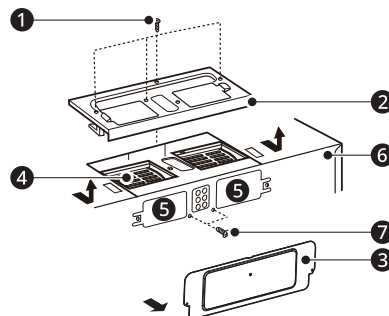
Lors de l'expédition, ce four est assemblé pour une ventilation sur le toit.

1 Insérez les languettes de chaque côté du clapet dans les trous situés à l'arrière, à l'intérieur de l'adaptateur. Fixez l'adaptateur d'évacuation ① à la plaque du ventilateur ② à l'aide des deux vis taraudeuses fournies. Assurez-vous que le clapet ③ oscille librement.



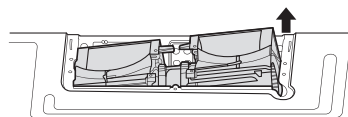
Installation du système de ventilation mural

1 Retirez une ou plusieurs vis de fixation de la plaque du ventilateur ①, puis retirez la plaque du ventilateur ②. Retirez la plaque de recouvrement ③ et une ou deux vis de montage de l'unité de ventilation ⑦.

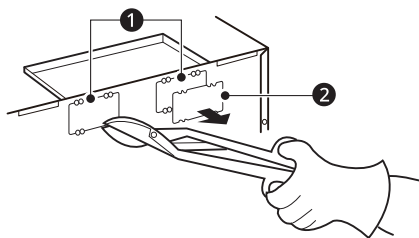


④ Unité de ventilation
⑤ Alvéoles défonçables
⑥ Plaque arrière

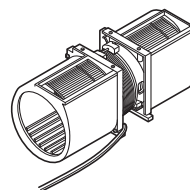
2 Soulevez avec précaution l'unité de ventilation pour la sortir du four à micro-ondes.



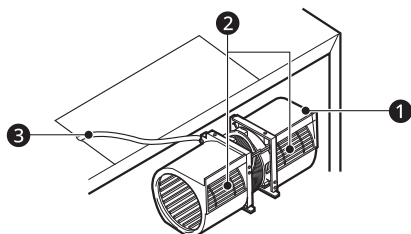
3 Utilisez des tranchants ou des cisailles de ferblantier pour découper et retirer les alvéoles défonçables ② de la plaque arrière ①. Veillez à ne pas déformer la plaque arrière. Jetez les alvéoles défonçables.



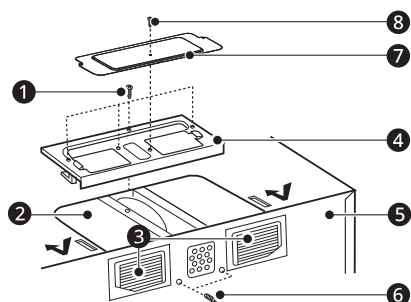
4 Pour éviter de pincer le fil du ventilateur, assurez-vous qu'il est acheminé sous et entre les deux orifices d'évacuation lorsqu'ils sont tournés.



- 5** Faites pivoter et réinstallez l'unité de ventilation **1** de sorte que les orifices d'évacuation **2** soient orientés vers l'arrière de l'armoire et soient alignés avec les alvéoles défonçables arrière. Lorsque vous insérez l'unité de ventilation, le fil du ventilateur **3** doit être acheminé comme il est indiqué.

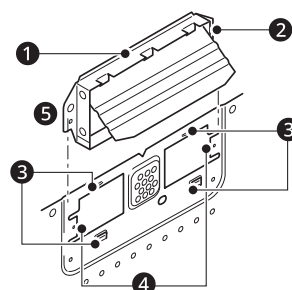


- 6** Fixez la plaque du ventilateur **4** au four à micro-ondes de sorte que les orifices d'évacuation de l'unité de ventilation **3** et l'ouverture de la plaque du ventilateur soient alignés. Fixez une ou deux vis de montage de l'unité de ventilation **6**, puis une ou plusieurs vis de montage de la plaque du ventilateur **1**. Fixez la plaque de recouvrement **7** sur la plaque du ventilateur à l'aide d'une vis **8**.



- 2** Unité de ventilation
5 Plaque arrière

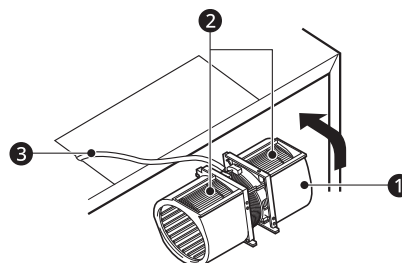
- 7** Insérez les languettes de chaque côté du clapet dans les trous situés à l'arrière, à l'intérieur de l'adaptateur. Fixez l'adaptateur d'évacuation **1** sur le côté de la paroi de la plaque arrière. Poussez fermement jusqu'à ce qu'il dépasse les languettes de verrouillage supérieures **3** et s'insère dans les languettes de verrouillage inférieures **3**. Assurez-vous que la charnière du clapet est en haut et que le clapet oscille librement.



- 2** Clapet de refoulement (côté charnière vers le haut)
3 Guides
5 Glisser le raccord d'évacuation dans les guides du panneau arrière.

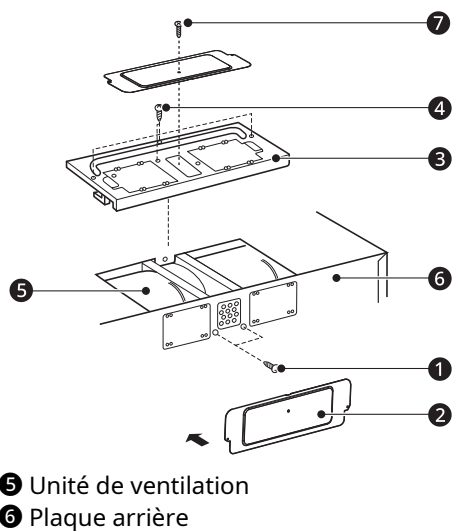
Installation du système de ventilation dans la pièce

- 1** Suivez les étapes 1 et 2 de la section Installation du système de ventilation mural.
- 2** Faites pivoter et réinstallez l'unité de ventilation **1** de sorte que les orifices d'évacuation **2** soient orientés vers l'avant de l'armoire. Lorsque vous insérez l'unité de ventilation, le fil du ventilateur **3** doit être acheminé comme il est indiqué.



- 3** Fixez une ou deux vis de montage de l'unité de ventilation **1**. Fixez la plaque de recouvrement **2** à l'arrière. Fixez la plaque du ventilateur **3** au four à micro-ondes. Fixez une ou plusieurs vis de montage de la plaque du ventilateur **4**. Fixez la plaque de recouvrement **2** sur la plaque du ventilateur et vissez la vis. **7**

12 INSTALLATION



⚠ AVERTISSEMENT

- Risque d'incendie! Installez correctement le ventilateur avant de l'utiliser.

Lorsque vous changez la position du ventilateur pour une ventilation murale ou une ventilation dans la pièce :

- Alignez correctement les orifices du ventilateur et les alvéoles défonçables de la plaque du ventilateur.
- Les orifices du ventilateur doivent être complètement exposés à l'extérieur.
- Après l'installation, vérifiez le chemin de ventilation de l'air. Reportez-vous à l'étape 2 pour choisir la ventilation appropriée.

Une installation incorrecte peut entraîner des problèmes tels que :

- Impossibilité d'assembler correctement la plaque du ventilateur ou le moteur de ventilation
- Bruit anormal pendant le fonctionnement du produit
- Ventilation faible
- Surchauffe du produit et possibilité de bris du produit ou d'incendie

Étape 4 : Préparer le mur et l'armoire supérieure

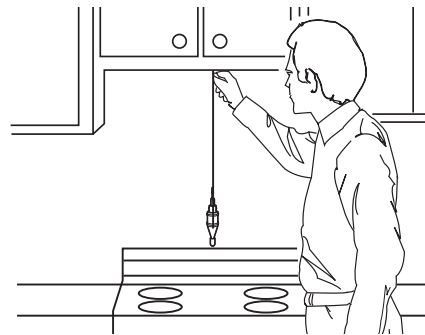
⚠ AVERTISSEMENT

- Pour éviter toute blessure ou tout dommage matériel, n'essayez pas d'installer ce four à micro-ondes si vous ne trouvez pas de montant

dans le mur. Consultez un menuisier ou un entrepreneur.

Mesurez et fixez les gabarits

- 1 À l'aide d'un fil à plomb et d'un ruban à mesurer (métallique), trouvez et marquez la ligne centrale verticale sur le mur arrière où se trouve l'ouverture.



- 2 Trouvez et marquez un ou deux points où se trouvent les montants sur le mur. (Les montants sont normalement espacés de 16 pouces.) Mesurez et marquez ensuite l'emplacement des montants. Si vous ne trouvez pas de montants sur le mur, consultez un entrepreneur en bâtiment local.

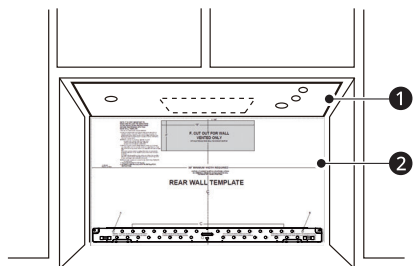
- 3 Tracez une ligne verticale sur le mur au centre de l'ouverture de 30 po de large.

REMARQUE

- Assurez-vous que la largeur minimale est de 30 pouces.

- 4 Centrez le gabarit du mur arrière ② dans l'espace en alignant le fil à plomb sur le mur avec la ligne centrale sur le gabarit. Ensuite, fixez solidement le gabarit du mur arrière à l'aide de ruban adhésif ou d'une punaise. Assurez-vous que la largeur minimale est de 30 pouces et que le haut du gabarit du mur arrière est situé à un minimum de 30 pouces au-dessus de la surface de cuisson. Mesurez le bas du cadre de l'armoire supérieure. Coupez les bords A, B et C du gabarit de l'armoire supérieure ① pour que le gabarit s'adapte au fond de l'armoire supérieure. Si l'armoire supérieure a un cadre en retrait, coupez le gabarit pour qu'il s'insère à l'intérieur de la zone en retrait. Si nécessaire, le gabarit peut être coupé à l'intérieur des lignes de coupe imprimées, tant

que vous êtes capable d'aligner correctement la ligne centrale. Alignez la ligne centrale du gabarit de l'armoire supérieure avec la ligne centrale du gabarit du mur arrière, puis fixez le gabarit de l'armoire supérieure à l'aide de ruban adhésif ou d'une punaise.

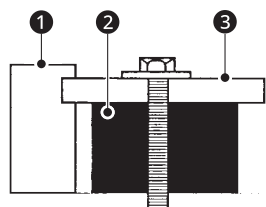


⚠ AVERTISSEMENT

- Pour éviter tout risque de blessure, de décharge électrique ou de mort :
 - Notez l'emplacement des prises électriques et des fils électriques avant de percer le mur.
 - Localisez et coupez l'alimentation de tout circuit électrique qui pourrait être affecté par l'installation de ce four.
- Pour éviter tout risque de blessure, de décharge électrique ou de mort, couvrez le bord du trou du cordon d'alimentation avec la douille du cordon d'alimentation.

Perçage des trous dans le mur et l'armoire

- 1 Percez des trous sur les cercles. S'il y a un montant, percez un trou de 3/16 po pour les tire-fonds. S'il n'y a pas de montant, percez un trou de 3/4 po pour les boulons à ailettes. Veillez à utiliser au moins un tire-fond dans un montant et deux vis à ailettes dans la cloison sèche ou le plâtre.
- 2 Percez un trou de 3/8 po aux points J et K du gabarit de l'armoire supérieure. Si le fond de l'armoire supérieure est en retrait de 3/4 po ou plus, vous aurez besoin de blocs de remplissage de 2 po x 2 po ② (non inclus) pour fournir un support supplémentaire aux boulons.

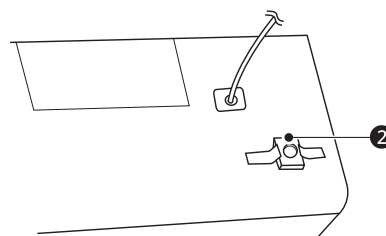


① Façade de l'armoire

③ Tablette inférieure de l'armoire

Marquez le centre de chaque bloc de remplissage et percez un trou de 3/8 po de diamètre sur les marques.

Alignez les blocs de remplissage ② sur les deux ouvertures du haut de l'armoire du four à micro-ondes et fixez-les à l'armoire avec du ruban-cache.



- 3 Coupez ou percez un trou de 2 po de diamètre à l'endroit marqué « Trou pour cordon d'alimentation M » sur le gabarit de l'armoire supérieure. Si l'armoire supérieure est en métal, vous devrez recouvrir le bord du trou avec la douille du cordon d'alimentation (fournie) pour éviter que le cordon ne soit endommagé par le bord métallique rugueux.
- 4 Découpez les zones de ventilation (avec la scie sauteuse)
 - Ventilation sur le toit : découpez la zone ombrée marquée d'un L sur le gabarit de l'armoire supérieure.
 - Ventilation murale : découpez la zone ombragée marquée d'un F sur le gabarit du mur arrière.
 - Ventilation de la pièce : passez à l'étape 5 : Installation de la plaque de montage.
- 5 Complétez l'installation du système de ventilation que vous avez choisi. Utilisez un produit de calfeutrage pour sceller l'ouverture du mur extérieur ou du toit autour du couvre-joint mural ou du couvre-joint du toit.

Étape 5 : Installer la plaque de montage

Le four doit être fixé à au moins un montant mural.

- 1 Centrez le gabarit du mur arrière dans l'espace en alignant le fil à plomb du mur avec la ligne centrale du gabarit. Ensuite, fixez solidement le gabarit du mur arrière à l'aide

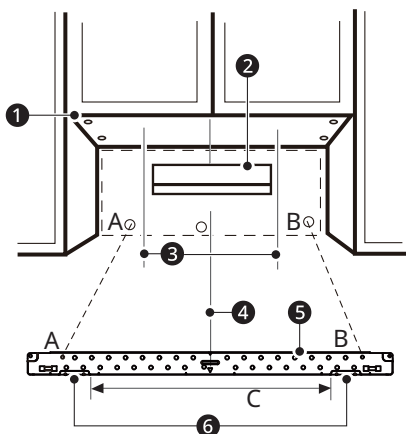
14 INSTALLATION

de ruban adhésif ou d'une punaise. Assurez-vous que la largeur minimale est de 30 pouces et que le haut du gabarit du mur arrière est situé à un minimum de 30 pouces au-dessus de la surface de cuisson.

REMARQUE

- Si les armoires ne sont pas d'aplomb, ajustez le gabarit du mur arrière aux armoires. Si le bord avant de l'armoire est plus bas que le bord arrière, ajustez le gabarit pour qu'il soit de niveau avec l'avant de l'armoire.

- 2** Percez des trous aux points A et B. Percez le troisième trou à l'intérieur de la zone C, à travers l'un des trous du bas pour correspondre à l'emplacement d'un montant. S'il y a un montant, percez un trou de 3/16 po de diamètre pour les tire-fonds. S'il n'y a pas de montant, percez un trou de 5/8 po de diamètre pour les boulons à ailettes. Ces trous doivent être utilisés pour le montage. Si les trous ne sont pas utilisés, l'installation ne sera pas sécurisée. L'installateur doit utiliser ces trous pour une installation correcte. Utilisez des boulons à ailettes dans ces trous, sauf si l'un d'eux est aligné avec un montant. Utilisez un tire-fond pour les montants. Veillez à utiliser au moins un tire-fond dans un montant et deux boulons à ailettes dans la cloison sèche ou le plâtre.



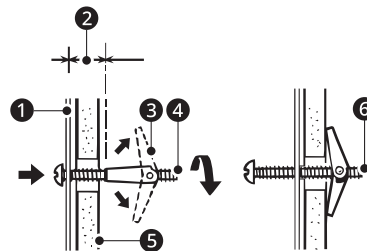
- ① Minimum de 66 po à partir du plancher
- ② Pour la ventilation murale seulement
- ③ Tracez des lignes sur les montants.
- ④ Tracez la ligne centrale.
- ⑤ Plaque de montage
- ⑥ Attache de support

REMARQUE

- Découpez la zone ombragée marquée d'un F sur le gabarit du mur arrière pour la ventilation murale.

- 3** Retirez le gabarit du mur arrière.

- 4** Fixez la plaque au mur ⑤. Pour utiliser des boulons à ailettes ④ : retirez les ailettes ③ des boulons. Insérez les boulons dans la plaque de montage ① et remplacez la barrette articulée aux 3/4 de la longueur du boulon. Insérez la barrette articulée dans les trous du mur pour installer la plaque. Vous pouvez tirer vers l'avant sur la plaque pour aider à serrer les boulons à ailettes. Serrez tous les boulons.



- ② Laissez un espace plus grand que l'épaisseur du mur.
- ⑥ Extrémité du boulon

Étape 6 : Installer le four au mur

⚠ AVERTISSEMENT

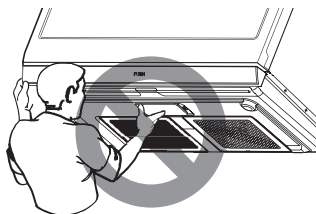
- Pour éviter tout risque de blessure ou de dommage matériel, vous aurez besoin de deux personnes pour installer ce four à micro-ondes.

REMARQUE

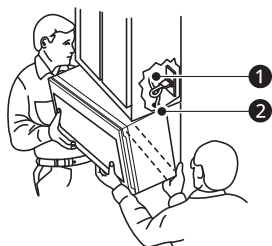
- N'appliquez pas de force directement sur la surface inférieure extérieure du produit. Le loquet de l'évent coulissant peut être endommagé si une force est appliquée directement sur la partie centrale inférieure du produit.
- Posez le produit sur une surface plane uniquement lors du déballage; posez délicatement le produit sur une surface plane telle qu'une table de cuisine ou un comptoir.
- Ne soulevez pas le produit par la surface centrale inférieure. Il est préférable de

manipuler le produit par les côtés inférieurs, près des pieds.

- Ne retirez pas le ruban d'emballage de l'évent coulissant pendant l'installation. Une fois le produit entièrement installé, retirez le ruban adhésif et vérifiez que l'évent s'ouvre et se ferme facilement en le poussant.

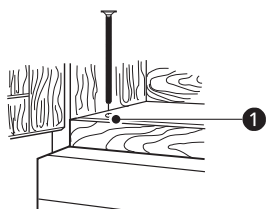


- 1 Soulevez avec précaution le four à micro-ondes et suspendez-le aux attaches de support situées au bas de la plaque de montage. En passant par l'armoire supérieure, faites passer le cordon d'alimentation ① dans le trou pour cordon d'alimentation ② au bas de l'armoire supérieure.



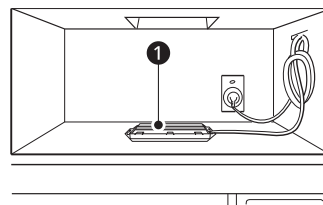
- 2 Faites pivoter le four à micro-ondes vers le haut de façon à ce que le haut du four soit contre le fond de l'armoire supérieure ou du cadre de l'armoire.

- 3 Insérez ensuite un boulon dans chaque trou ① du fond de l'armoire supérieure. Serrez les boulons jusqu'à ce que l'espace entre l'armoire supérieure et le four à micro-ondes soit fermé.



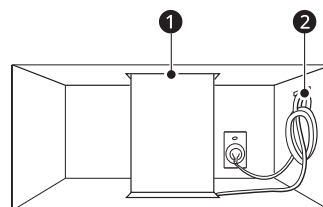
- 4 Installation de la ventilation pour toit : Installez le conduit en passant par l'ouverture de ventilation de l'armoire supérieure. Utilisez un pistolet à calfeutrer pour sceller

l'ouverture extérieure du toit autour du capuchon d'évacuation.



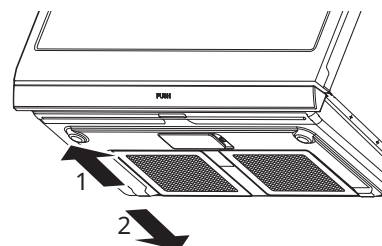
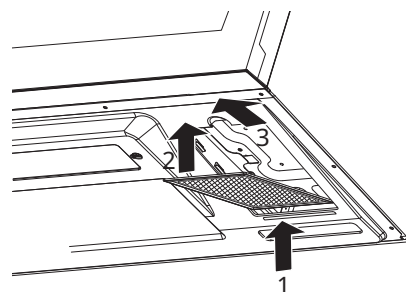
- ① Registre

- 5 Utilisez la pince pour cordon d'alimentation ② pour regrouper le cordon d'alimentation. Installez la pince pour cordon d'alimentation à l'intérieur de l'armoire à l'aide d'une vis.



- ① Conduit

- 6 Saisissez le filtre avec une main tenant l'anneau et l'autre main tenant l'extrémité opposée. Insérez l'extrémité du filtre sans l'anneau dans l'ouverture et faites-le glisser vers le côté du four à micro-ondes. Insérez l'extrémité de l'anneau du filtre dans l'ouverture et faites glisser l'ensemble du filtre vers le centre du four à micro-ondes jusqu'à ce que le filtre soit bien en place. Répétez l'opération pour l'autre filtre.



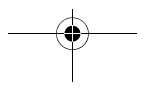
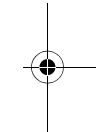
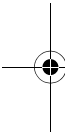
16 ANNEXE

ANNEXE

Vérification du fonctionnement

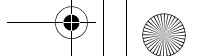
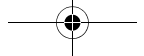
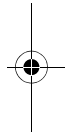
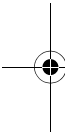
Avant d'utiliser le four

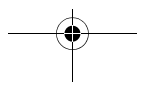
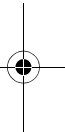
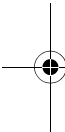
- 1 Branchez le cordon d'alimentation.
- 2 Lisez le manuel d'utilisation, puis vérifiez le fonctionnement de votre four.





18 AIDE-MÉMOIRE







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