SHARP®

OPERATION MANUAL AND INSTALLATION INSTRUCTIONS

REFRIGERATOR

MODEL: SJF2341SNS



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Refrigerator: Model SJF2341SNS

CUSTOMER ASSISTANCE

UNITED STATES ONLY

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SHARP®

CONSUMER LIMITED WARRANTY

SHARP ELECTRONICS CORPORATION ("Sharp") warrants to the first consumer purchaser that this Sharp brand product (the "Product"), when shipped in its original container, will be free from defective workmanship and materials, and agrees that it will, at its option, either repair the defect or replace the defective Product or part thereof with a new or remanufactured equivalent at no charge to the purchaser for parts or labor for the period(s) set forth below.

This warranty does not apply to any cosmetic or appearance items of the Product nor to the additional excluded item(s) set forth below nor to any Product the exterior of which has been damaged or defaced, which has been subjected to misuse, abnormal service or handling, or which has been altered or modified in design or construction. In order to enforce the rights under this limited warranty, the purchaser should follow the steps set forth below and provide proof of purchase to the servicer.

The limited warranty described herein is in addition to whatever implied warranties may be granted to purchasers by law. ALL IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE PERIOD(S) FROM THE DATE OF PURCHASE SET FORTH BELOW. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Neither the sales personnel of the seller nor any other person is authorized to make any warranties other than those described herein, or to extend the duration of any warranties beyond the time period described above on behalf of Sharp. The warranties described herein should be the sole and exclusive warranties granted by Sharp and should be the sole and exclusive remedy available to the purchaser. Correction of defects, in the manner and for the period of time described herein, should constitute complete fulfillment of all liabilities and responsibilities of Sharp to the purchaser with respect to the Product, and should constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise. In no event should Sharp be liable, or in any way responsible, for any damages or defects in the Product which were caused by repairs or attempted repairs performed by anyone other than a Sharp authorized servicer. Nor should Sharp be liable or in any way responsible for any incidental or consequential economic or property damage. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

THIS LIMITED WARRANTY IS VALID ONLY IN THE FIFTY (50) UNITED STATES, THE DISTRICT OF COLUMBIA AND PUERTO RICO.

Product model number & description:	SJF2341SNS, Refrigerator/Freezer
Warranty period for this product:	One (1) year parts and labor, including in-home service. Five (5) years parts and labor, for sealed system (condenser, dryer, connecting tube and evaporator) and compressor, including in-home service.
Additional item(s) excluded from warranty coverage:	Commercial, non-residential, or use inconsistent with published installation and product operational instructions. Light bulbs. Any food or medicine loss due to refrigerator or freezer product failures. In home instruction on how to use your product.
What to do to obtain service:	In-home service is provided for one (1) year from date of purchase. Service can be arranged by calling 1-800-BE-SHARP. Be sure to have Proof of Purchase, Model, and Serial Number available.

TO OBTAIN SUPPLY, ACCESSORY OR PRODUCT INFORMATION, CALL 1-800-BE-SHARP or visit www.sharpusa.com.

SAVE THE PROOF OF PURCHASE AS IT IS NEEDED SHOULD YOUR REFRIGERATOR/FREEZER EVER REQUIRE WARRANTY SERVICE.

IMPORTANT SAFETY INSTRUCTIONS

MEANING OF SAFETY WARNING SYMBOLS

PROHIBIT

This is a prohibition symbol. Failure to follow instructions marked with this symbol may result in damage to the product or endanger the personal safety of the user.

WARNING

This is a warning symbol. All instructions marked with the warning symbol must be strictly followed. Failure to do so may result in damage to the product or personal injury.

CAUTION

This is a caution symbol. Instructions marked with this symbol require special caution. Insufficient caution may result in slight or moderate injury, or damage to the product.

State of California Proposition 65 Warnings:
WARNING: This product contains one or more chemicals known to the State of California to cause cancer.

WARNING: This product contains one or more chemicals known to the State of California to cause birth defects or other reproductive harm.

SAFETY WARNINGS



WARNING
RISK OF FIRE/FLAMMABLE MATERIALS

- This appliance is intended for use in residential environments for the storage of food items. It may also be used in similar environments such as: staff kitchen areas in offices, shops, farmhouses and hospitality locations such as hotels, motels and bed and breakfast establishments. It is NOT intended for commercial, industrial environments to be used as storage for non-food items or medical.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or 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. Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not store explosive substances such as aerosol cans with flammable propellant in this appliance.
- The appliance has to be unplugged after use and before carrying out user maintenance on the appliance.
- Do not use extension cords or ungrounded (two prong) adapters.
- The refrigerator must be disconnected from the source of electrical supply before attempting the installation of accessory.

WARNING

- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means such as blow dryers, portable heaters, heat guns, hot water, etc. to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant system.
- Do not use electrical appliances inside the food storage compartments of the refrigerator, unless they are of the type recommended by the manufacturer.
- Follow all local laws and regulations to properly dispose of refrigerators as units contain environmentally hazardous and flammable materials and refrigerant.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not use multiple outlet power strips or portable power supplies at the rear of the appliance.

WARNING

Risk of child entrapment. Before you throw away your refrigerator or freezer:

- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.
- To prevent a child from being entrapped, keep out of reach of children or keep a child away from the vicinity of the appliance.

Refrigerant and cyclopentane foaming material used for the appliance are flammable. Therefore, when the appliance is scrapped, it shall be kept away from any fire source and be recovered by a qualified company with proper equipment rather than disposed of by any other means to prevent damage to the environment or any other harm.
Children should be supervised to ensure that they do not play with the appliance.
This appliance can be used by children aged from 8 years and older and persons with reduced physical sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe manner and understand the hazards involved. Cleaning and required maintenance shall not be made by children without supervision. Children should not be allowed to load and unload refrigerating appliances.

FOOD FOR SAFETY

To avoid contamination of food, please follow these instructions:

- Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
- Regularly clean surfaces that come in contact with food and accessible drainage systems.

- Flush the water system connected to a water supply if water has not been used for 5 days.
- Store raw meat and fish in suitable containers in the refrigerator, so that they do not come in contact with or drip onto other food.
- If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry and leave the door open to prevent mold developing inside the appliance.

WARNING

- To avoid tipping hazard due to instability of the appliance, it must be installed in accordance with the instructions.
- Connect to potable water supply only. (Suitable for ice making machine.)

ELECTRICITY RELATED WARNINGS

- Do not pull the power cord when pulling the power plug of the refrigerator. Please firmly grasp the plug and pull it out from the electrical outlet directly.
- To ensure safe use, do not damage the power cord or use the power cord when it is damaged or worn.

WARNING

- Please use a dedicated electrical outlet; A 115 Volt AC, 60 Hz, 15- or 20-amp fused, the electrical outlet shall not shared with other electrical appliances. The power plug should be firmly contacted with the electrical outlet to reduce risk of fire.
- Please ensure that the grounding electrode of the electrical outlet is equipped with a reliable grounding circuit.
- In case of gas leak, please turn off the valve of the leaking gas and then open the doors and windows. **Do not unplug the refrigerator and other electrical appliances. This may cause a spark that could ignite a fire.**

PROHIBIT

- **Do not use electrical appliances on the top of the refrigerator, unless they are of the type recommended by the manufacturer.**

WARNINGS FOR USING

PROHIBIT

- **Do not arbitrarily disassemble or reconstruct the refrigerator, nor damage the refrigerant circuit; maintenance of the appliance must be conducted by a qualified service person.**
- **Damaged power cord must be replaced by the manufacturer, its maintenance department or qualified technicians in order to avoid danger.**
- **Do not allow any child to get into or climb on the refrigerator; suffocation or injury from falling may occur.**

WARNING

- The space between the refrigerator doors and the internal compartments is small. Use caution to avoid accidental injuries to hands and fingers when reaching inside for items.
- Close refrigerator door gently to avoid causing items to fall over within the appliance.
- Do not touch or handle foods or containers in the freezer with wet hands when the refrigerator is running, especially metal containers, in order to avoid injury.

CAUTION

- Do not place heavy objects on the top of the refrigerator considering that objects may fall when closing or opening the door, potentially causing serious injury.
- Disconnect power supply in case of power failure or cleaning. Do not connect the refrigerator to power supply within five minutes to prevent damage to the compressor due to successive starts.

IMPORTANT SAFETY INSTRUCTIONS

WARNING FOR PLACEMENT OF ITEMS

WARNING

- Do not put flammable, explosive, volatile and highly corrosive items in the refrigerator to prevent damage to the appliance and to avoid causing fire.
- Do not place flammable items near the refrigerator to avoid fires.
- The refrigerator is intended for household use, such as storage of foods; it shall not be used for other purposes, such as storage of blood, medicinal supply or biological products, etc.
- Do not store beer, carbonated beverages or other fluids stored in pressurized containers in the freezer of the refrigerator; the bottles or enclosed containers may crack due to freezing causing damage to the appliance and other food items.
- Do not store items in refrigerator or freezer for time periods exceeding food manufacturer's recommended expiration dates.

WARNINGS FOR ENERGY

1. Refrigerating appliances might not operate consistently (possibly of defrosting of contents of temperature becoming too warm in the freezer) when sitting for an extended period of time in an environment in which the ambient temperature is too far above or below the recommended ambient temperature in which the appliance was designed to be used.
2. Use necessary precautions to prevent an undue rise in the temperature of the frozen food while defrosting the freezer, such as wrapping the frozen food in several layers of newspaper or transferring items to a cooler temporarily. Rising temperatures could result in frozen foods defrosting when performing maintenance or cleaning, shortening the foods' storage life.

WARNINGS FOR DISPOSAL

PROHIBIT

Refrigerator and cyclopentane foaming material used for the refrigerator are flammable. Therefore, when the refrigerator is recycled, it shall be kept away from any fire source and be recovered by a qualified recovering company with proper equipment to prevent damage to the environment or any other harm.

WARNING

When the refrigerator is recycled, disassemble the doors, and remove gasket of doors and shelves; put the doors and shelves in a proper place, to prevent trapping of any child.

Correct Disposal of This Product

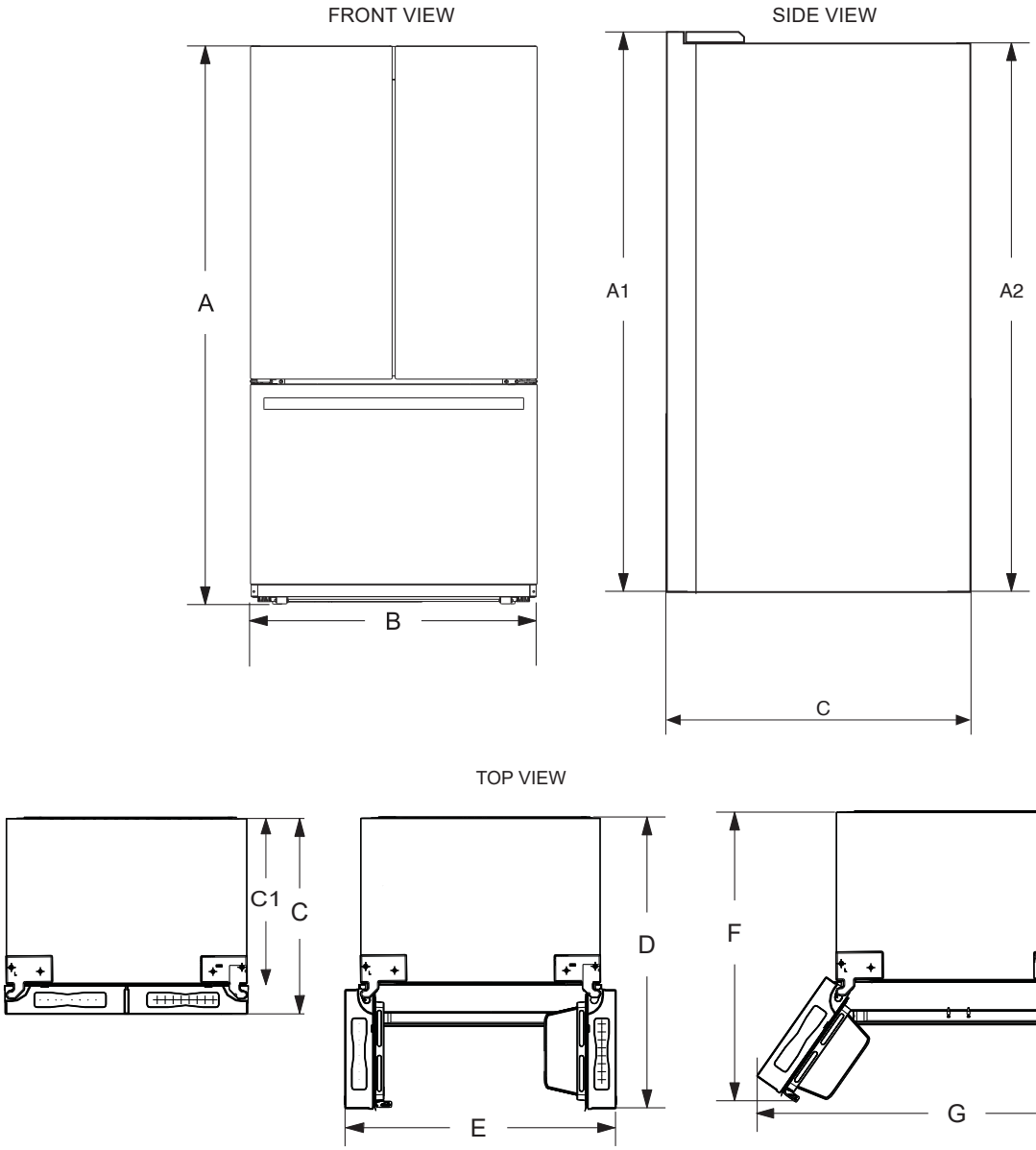


This marking indicates that this product should not be disposed of with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

WARNING

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

APPLIANCE/INSTALLATION DIMENSIONS



	DIMENSIONS	SIZE (INCHES)
Overall height to top of door	A	66.4
Height to top of hinge cover	A1	67.3
Height to top of case	A2	66.4
Width	B	32.9
Depth	C	29.1
Depth Case	C1	25
Door open 90° Depth	D	42.7
Door open 90° Width	E	35.5
Door open 135° Depth	F	41.6
Door open 135° Width	G	56.1

INSTALLATION INSTRUCTIONS

Refrigerator Location

- This refrigerator is designed for indoor, household use only.
- Keep away from heat and avoid direct sunlight or places near a heat source, such as an oven or a radiator.
- Do not place the refrigerator in moist or damp places to prevent rust or reduction of its insulating function of the electrical components and food storage compartments.
- The refrigerator should be placed in a dry and well-ventilated indoor place.
- The ground shall be level, and sturdy (rotate the adjustable leg left or right to adjust for leveling if unstable).
- The ambient temperature of the appliance's location should range from a minimum of 55°F to a maximum of 110°F. However, for better energy usage and superior cooling, the temperature is recommended to be between 60°F and 90°F.□
- For proper air circulation and electric connections, 4" of clearance from each adjacent wall and the ceiling is recommended when installing the refrigerator. If not available, minimum 2" of clearance is strongly recommended.
- Spare enough space for convenient opening of the doors and drawers, especially when the refrigerator is installed next to a fixed wall to allow the door to swing open.

Clearances

- Inadequate clearance from adjacent items may result in the degradation of freezing capability and increased electricity costs. When installing the appliance, maintain the clearance as shown in the figure. However, if your appliance needs to be placed against a wall on the sides, ensure that there is a clearance of more than 1-1.8” (38mm) between the sides of the unit and the wall. See Figure 1.

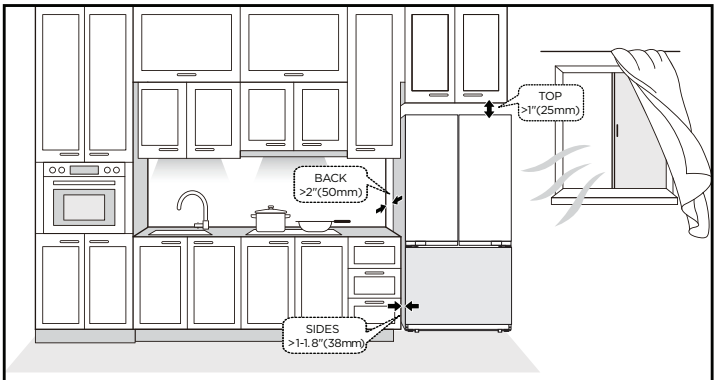


Figure 1

Connecting to Power

- A 115 V AC, 60Hz, 15- or 20-amp electrical supply is required.
- The power cord is equipped with a 3-prong plug with grounding which mates with standard 3-prong wall outlet. The ground minimizes the possibility of electrical shock.

CAUTION

The refrigerator should be plugged into a dedicated electrical circuit rated to match the requirements of the refrigerator, 115 V AC, 60Hz, 15- or 20-amp.

Never unplug the refrigerator by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.

When positioning the refrigerator, ensure the power cord is not trapped or damaged.

Installing the water line

WARNING: Connect to potable water supply only.

Water line installation kits are available as an additional accessory from your dealer or at a local hardware store.

Connecting to the water supply line.

1. First, shut off the main water supply line and turn off the ice maker.
2. Locate the nearest cold water supply valve.
3. After connecting the water supply to the water valve, turn your main water supply back on.

The minimum inlet water pressure: 40 psi

The maximum inlet water pressure: 100 psi

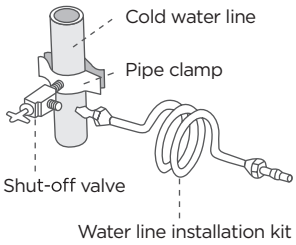


Figure 2

Connecting the water line to the refrigerator

There are several items that you need to purchase to complete this connection. These items are available in kits at your local hardware store.

1. Insert the water line (included) into the appropriate hole on water connector (included),then insert the water line installation kit (not included) into another hole on water connector (included).
2. Turn on the water valve and check for any leakage.
3. When moving the refrigerator, you can hang the power cord on the power cord hook.

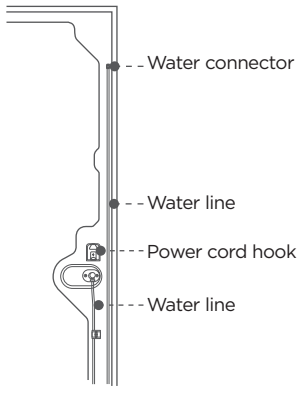


Figure 3

CHANGING THE LIGHT

Any replacement or maintenance of the lamps is intended to be made by the manufacturer, its service agent or similar qualified person.

WARNING

Unplug the refrigerator. To eliminate the danger of electricshock during installation, you must unplug the refrigerator from its electrical outlet.

MAINTAINING YOUR ICE MAKER

- □ Use mild detergent in warm water to clean the ice storage box, then rinse and dry it.
- □ Turn off the ice maker when you clean your refrigerator or plan to be away for a short period.
- □ If you are going away for an extended period, turn off the water supply valve.

TIPS FOR USING YOUR AUTOMATIC ICE MAKER

- □ Remember that water quality determines the quality of ice. The ice maker should not be connected to softened water. If the water softener has problems, chemical substances can damage the ice maker.
- □ If you store ice cubes too long they may produce a peculiar smell. To eliminate the smell, empty the ice storage bin, wash it out, then replace it. The ice maker will produce more ice cubes.
- □ Shake the ice storage bin from time to time to ensure that the ice cubes separate from each other.
- □ Before the refrigerator is connected to the water supply system, or any time the water supply is turned off, the wire signal arm should be in the “up” or closed position.

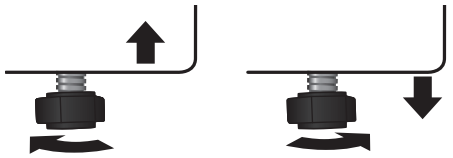
  Minimum/Maximum inlet water pressure, 40/100 psi (275/689 kPa).(Suitable for ice making machine)

  WARNING: Connect to potable water supply only. (Suitable for icemaking machine)

IMPORTANT : Level the refrigerator for proper operation and to avoid cooling, frost and moisture problems that can occur when the door does not close properly.

1. Move the refrigerator to its final location.
2. Place a carpenter's level on the top of the refrigerator cabinet.
3. Adjust the two leveling feet, (one foot located at each of the two front corners of the refrigerator cabinet) until the refrigerator is level.

NOTE: The leveling feet are easier to adjust if you have someone push against the top front of the refrigerator to take some weight off the feet.



To Raise - Turn the leveling feet clockwise.

To Lower - Turn the leveling feet counterclockwise.

Figure 14

REFRIGERATOR USE

GENERAL

- The storage life of frozen foods varies and the recommended storage time should not be exceeded.

WARNING

Electrical Shock Hazard

- Plug into a grounded 3-prong outlet.
- Do not remove the ground prong from the power cord plug.
- Do not use an adapter.
- Do not use an extension cord.
- Failure to do so can result in death, fire or electrical shock.

1 Plug in your refrigerator. Wait for 30 minutes, and then open the refrigerator door to determine if the refrigerator is working properly.

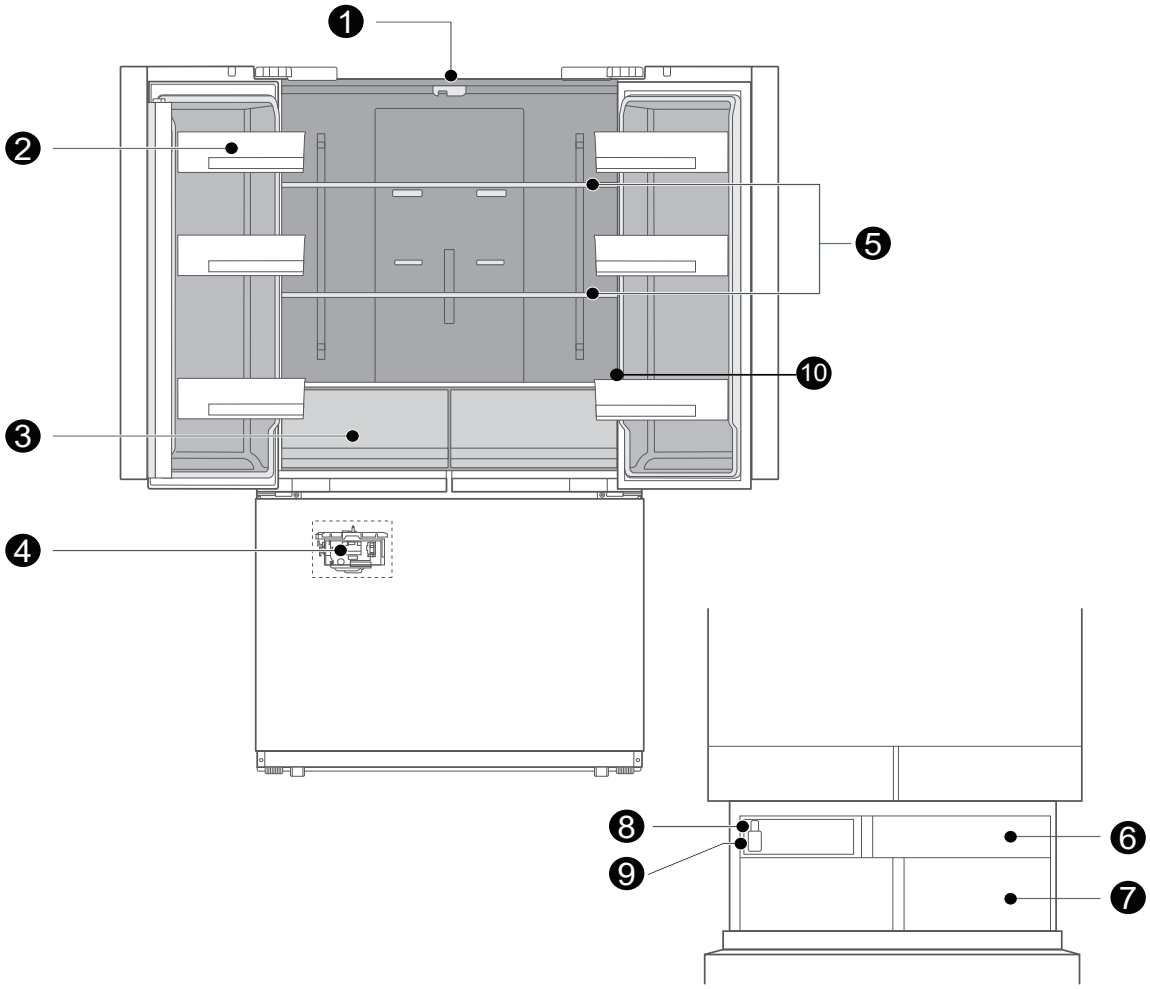
2 Place frozen food into the refrigerator as quickly as possible after purchase. If there are instructions on the package, carefully follow these instructions regarding storage times.

ENERGY SAVING TIPS

- Allow hot foods to cool to room temperature before placing them in the refrigerator. Foods that freeze too slowly may lose quality or spoil.
- Overloading the refrigerator forces the compressor to run longer.
- Wrap foods properly and wipe containers dry before placing them in the refrigerator. This cuts down on frost build-up inside the refrigerator.
- Do not line refrigerator storage shelves with aluminum foil, wax paper or paper toweling. Liners interfere with cold air circulation, making the refrigerator less efficient.
- Organize and label food to reduce door openings and extended searches. Remove as many items as needed at one time, and then close the door as soon as possible.
- Do NOT add a large amount of unfrozen food to the refrigerator at one time. This will lower the cooling efficiency of the refrigerator.

APPEARANCE OVERVIEW

PARTS AND FUNCTIONS

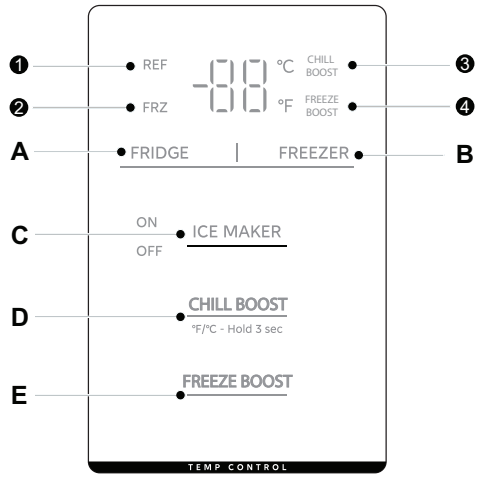


1	LED Light	**4**	Ice maker	**8**	Ice Scooper
2	Door Bin	**5**	Shelf	**9**	Ice Storage Bin
3	Crisper Drawer	**6**	Pull Out Drawer	**10**	Control Panel
		7	Freezer Drawer		

NOTICE: The picture above is only for reference. The actual configuration will depend on the physical product or specification by the distributor.

Control Panel

The control panel is located in the lower right corner of the refrigerator compartment.



	Icons		Buttons
1	Refrigerator	A	Refrigerator temperature adjustment
2	Freezer	B	Freezer temperature adjustment
3	Chill Boost	C	Ice maker on/off
4	Freeze Boost	D	Chill Boost
		E	Freeze Boost

ATTENTION

The actual control panel may vary depending on the model.
The control panel will turn off automatically for energy saving.

Use and Functions

Display

A When the refrigerator is first electrified, the screen fully displays for 3 seconds. Meanwhile, the start-up ringtone sounds, and the normal function display begins. The refrigerating chamber and freezer chamber are set to 39 °F/0 °F respectively at initial power on. The ice maker is turned on by default and has no memory function after powering off.

B If there is a fault, the fault code is displayed (cycle display). The refrigerating chamber's set temperature is displayed when there is no fault.

C When the door is closed and no button is pressed for 10 seconds, the screen will be locked.The display will be off after 30 seconds, and will be on again when any button is pressed. When there is a "fault code visible" type of fault, the display will light up, and will turn off after 30 seconds.

Lock/Unlock

> The screen automatically enters the locked state after 10 seconds waiting.
> In the locked state, press any button to enter the unlocked state and display the set temperature of the refrigerating chamber.
> The alarm can be disabled when the screen is locked. All other button operations are unavailable.

Refrigerator temperature setting

> Press the FRIDGE button to adjust the temperature of refrigerating compartment.
> The setting range of the compartment is 34°F-44°F. The setting takes effect after 10 seconds (screen locked).

Freezer temperature setting

> Press the FREEZER button to adjust the temperature of freezer compartment.
> The setting range of the compartment is -7°F to 7°F. The setting takes effect after 10 seconds (screen locked).

Sabbath mode

> To enter the Sabbath mode, press and hold the ICE MAKER and FREEZE BOOST buttons simultaneously for 4s.
> In the Sabbath mode, the lamps will not light, the display screen will be off, and there will be no buzzer sound.
> To exit Sabbath mode, press and hold ICE MAKER and FREEZE BOOST simultaneously for 4s (it will take effect after screen locked).Or the appliance will automatically exit the mode after 48 hours.

Chill Boost mode

> Press the CHILL BOOST button to set/exit the Chill Boost mode.
> When Chill Boost mode is set, the temperature of the refrigerator compartment is automatically set to 34 °F. Chill Boost mode will be automatically exited after 6 hours. When exited, the temperature will return to that set before entering Chill Boost mode.
> Adjusting the temperature of refrigerating compartment in the Chill Boost mode will exit the Chill Boost mode immediately.

Freeze Boost mode

> Press the FREEZE BOOST button to set/exit the Freeze Boost mode.
> When Freeze Boost mode is set, the freezer compartment temperature is automatically set to -7 °F. Freeze Boost mode will be automatically exited after 40 hours. When exited, the temperature will return to that set before entering Freeze Boost mode.
> Adjusting the temperature of freezer compartment in the Freeze Boost mode will exit the Freeze Boost mode immediately.

ATTENTION

The Freeze Boost function is designed to maintain the nutritional value of the food in the freezer. It can freeze the food in the shortest time. If a large amount of food is frozen at one time, it is recommended that the user turn on the Freeze Boost function and put the food in. At this time, the freezing speed of the freezer compartment is increased, which can quickly freeze the food, effectively lock the nutrition of the food, and facilitate storage.

CONTROL AND DISPLAY PANEL

Fault Indication

The following warnings appearing on the control panel indicate corresponding faults of the refrigerator.Though the refrigerator may still have refrigerator and freezing function with the following faults,the user shall call 1-800-BE-SHARP, so as to ensure normal use of the refrigerator.

Fault Code	Fault Description
E1	The temperature sensor in the refrigerating chamber fails
E2	The temperature sensor in the freezer chamber fails
E5	The defrosting sensor in the freezer chamber fails
E6	The communication between display board and main control board fails
E7	The ambient temperature sensor fails
EH	The humidity sensor fails
EE	Ice maker bottom sensor fails
EP	Ice maker fails
L3	Cooling fan fault
L4	Cooling fan speed is abnormal
L5	Condenser fan fault
L6	Condenser fan speed is abnormal

OVERALL CLEANING

- Dusts behind the refrigerator and on the ground shall be timely cleaned to improve the cooling effect and energy saving.
- Check the door gasket regularly to make sure there are no debris. Clean the door gasket with a soft cloth dampened with soapy water or diluted detergent.
- The interior of the refrigerator should be cleaned regularly to avoid odor.
- Please turn off the power before cleaning interior, remove all foods, drinks, shelves, drawers, etc.
- Use a soft cloth or sponge to clean the inside of the refrigerator, with two tablespoons of baking soda and a quart of warm water. Then rinse with water and wipe clean. After cleaning, open the door and let it dry naturally before turning on the power.
- For areas that are difficult to clean in refrigerator (such as narrow sandwiches,gaps or corners),it is recommended to wipe them regularly with a soft rag, soft brush, etc. and when necessary, combined with some auxiliary tools (such as thin sticks) to ensure no contaminants or bacterials accumulation in these areas.
- Do not use soap, detergent, scrub powder, spray cleaner, etc., as these may cause odors in the interior of the refrigerator or contaminated food.
- Clean the bottle frame, shelves and drawers with a soft cloth dampened with soapy water or diluted detergent. Dry with a soft cloth or dry naturally.
- Wipe the outer surface of the refrigerator with a soft cloth ampened with soapy water, detergent, etc., and then wipe dry.
- Do not use hard brushes, clean steel balls, wire brushes, abrasives (such as toothpastes), organic solvents (such as alcohol, acetone, banana oil, etc.), boiling water, acid or alkaline items, which may damage the fridge surface and interior. Boiling water and organic solvents such as benzene may deform or damage plastic parts.
- Do not rinse directly with water or other liquids during cleaning to avoid short circuits or affect electrical insulation after immersion.

CLEANING OF DOOR BINS

- Use both handsto sqeeze the bin, and push it upward, then you can take it out
- After washing the tray having been taken out, you can adjust its installing height in accordance with your requirement.

GLASS SHELF CLEANING

- As the innermost part of the refrigerator liner where the shelves has a backstop, you shall raise the shelves upward, so you can take it out.
- Adjust or clean the shelves according to your requirement.

CRISPERS BOTTOM ROLLER GROOVE CLEANING

- First pull out the fruit and vegetable crisper, because the fruit and vegetable crisper has a stop tab, it needs to lift be lifted upward before the fruit and vegetable crisper can be removed.
- Clean the crisper tank groove as needed.

DEFROSTING

- The refrigerator is made based on the air-cooling principle and thus has automatic defrosting function. Frost formed due to change of season or temperature may also be manually removed by disconnection of the appliance from power supply or by wiping with a dry towel.

OUT OF OPERATION

- Power failure: In case of power failure, even if it is in summer, foods inside the appliance can be kept for several hours; during the power failure, the times of door opening shall be reduced, and no more fresh food shall be put into the appliance.
- Long-time nonuse: The appliance shall be unplugged and then cleaned; then the doors are left open to prevent odor.
- Moving : Before the refrigerator is moved, take all objects inside out, fix the glass partitions, vegetable holder, freezing chamber drawers and etc. with tape, and tighten the leveling feet; close the doors and seal them with tape. During moving, the appliance shall not be laid upside down or horizontally, or be vibrated; the inclination during movement shall be no more than 45°.

NOTICE

The appliance shall run continuously once it is started. Generally, the operation of the appliance shall not be interrupted; or otherwise the service life may be impaired.

TROUBLESHOOTING

Before calling for service, the following information may help determine potential cause of appliance concern. Please contact your local dealer or 1-800-BE-SHARP for further assistance.

Appliance has no power	• Confirm the appliance is connected to a power source and securely plugged into an electrical outlet. • Confirm electrical outlet has power, if not, check circuit breaker box for tripped circuit.
Odor from refrigerator or freezer compartments	• Foods not securely sealed in containers. • Spoiled foods inside appliance. • Appliance has not been properly cleaned, i. e., food and dirt have accumulated inside the unit.
Excessive compressor operation	• Long operation of the refrigerator is normal in summer when the ambient temperature is high. • Too many food items have been placed inside the appliance, increasing energy demand. • Foods not properly cooled before placing inside appliance. • The doors are opened too frequently.
Light does not come on	• Confirm appliance is connected to power supply and that the light is not damaged. • Have the light replaced by a qualified service technician,
Doors do not close properly	• Food is obstructing the door operation. • The refrigerator is not level.
Rattling noise	• Confirm floor and refrigerator are level and appliance is not tilted.
Door does not seal properly	• Confirm door seals are clean and free of obstruction.
Water pan overflows	• There is too much food in the freezer or food stored contains too much water, resulting in heavy defrosting. • The doors are not closed properly, resulting in frosting due to entry of air and increased water due to defrosting.
Hot housing	• Heat dissipation of the built-in condenser via housing, which is normal. • When housing becomes hot due to high ambient temperature and storage of too much food, it is recommended to provide proper ventilation to facilitate heat dissipation.
Surface condensation	• Condensation on the exterior surface and door seals of the refrigerator is normal when the ambient humidity is too high. Remove the condensation with a clean towel.
Abnormal Noise	• Buzz: The compressor may produce buzzing sound during operation and the buzzing is loud particularly upon start or stop. This is normal. • Creak: Refrigerant flowing inside of the appliance may produce creak, which is normal.
Ice maker does not make ice	• After you install the water line and start the refrigerator, it takes 12 hours to start ice making. • Please turn on the ice making function (see page 10 instructions). • Check whether the water pressure meets 40-100 psi and whether the line is connected properly. • Check whether the water supply valve is open and whether the water pipe has a restriction. • Check whether the ice storage box is installed properly.

SHARP®

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