# SHARP



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### Refrigerator - Freezer Operation manual

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Thank you very much for buying this SHARP product. Before using your SHARP refrigerator, please read this operation manual to ensure that you gain the maximum benefit from it.

This refrigerator is for household only, with ambient temperature between +5°C and +43°C. The refrigerator should not be subjected to temperatures of -10°C or below for a long period of time.

## **Safety information**

🕂 Warni	ng This means that there are high risks of death or serious injury.
/ Cautio	This means that there are high risks of material damage or personal injury.
🛕 Cautio	Fire marks means this refrigerator has risk of fire accident.

## 

#### Refrigerant

This refrigerator contains flammable refrigerant (R600a: isobutane) and insulation blowing gas (cyclopentane). Observe the following rules to prevent ignition and explosion.

- Do not damage the refrigerant circuit.
- Do not allow any sharp objects to have contact with the refrigeration system. The refrigeration system behind and inside the refrigerator contains refrigerant. Leaking refrigerant can ignite and may damage the eyes.
- Do not use mechanical devices or other means to accelerate the defrosting process. (This refrigerator has adopted automatic defrosting system.)
- Do not use electrical appliances inside the refrigerator.
- Do not block the space around the refrigerator.
- Do not use flammable sprays, such as spray paint near the refrigerator.
- Do not store flammable sprays, such as spray paint in the refrigerator.
- In the case of failure of the refrigeration system, do not touch the wall socket and use open flames. Open the window and air out the room. Then ask a service agent approved by SHARP for service.

#### Power cord, Plug, Socket

Read carefully the following rules to prevent electric shock or fire.

- Make sure to protect the power cord from being damaged during installation or moving. If the power plug or cord is loose, do not insert the power plug.
- Do not place multiple portable socket-outlets or portable power supplies at the rear of the refrigerator.
- Connect the power plug into the wall socket firmly and directly. Do not use an extension cord or adapter plug.
- Connect the power plug to the socket with the required rated voltage.
- Connect the earth pin to the earth terminal properly.
- Do not touch the power plug with wet hands.

- Disconnect from the main electricity supply by removing the main plug from the socket.
   Do not remove by pulling the power cord.
- Dust deposited on the power plug may cause fire. Wipe it off carefully.
- Pull out the plug if the refrigerator is not used for a long time.
- If the flexible supply cord is damaged, it must be replaced by service agent approved by SHARP in order to avoid a hazard.

#### Installation

- Do not install the refrigerator in a damp or wet location. It may cause the damage to the insulation or electrical leak. Dew may also appear on the outer cabinet and it causes rust.
- The refrigerator should be installed flatly and firmly on the floor.

#### In use

- Do not store volatile and flammable materials such as ether, petrol, propane gas, aerosol cans, adhesive agents and pure alcohol etc. These materials are easy to explode.
- Do not store temperature-sensitive products such as pharmaceutical products in the refrigerator. There are high risks of changes in product quality.
- Do not attempt to change or modify this refrigerator. This may result in fire, electric shock or injury.
- Do not place any object on the top of refrigerator. If the object falls down from the top, it may cause injury.
- This appliance can be used by children aged from 8 years or above 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 way or understanding the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be done by children without supervision.

#### **Care and Cleaning**

- Unplug the refrigerator first to prevent electric shock.
- Do not splash water directly on the outer cabinet or the interior. This may lead to rusting and deterioration of the electrical insulation.

#### Trouble

- If you smell something burnt, pull out the power plug immediately. Then ask a service agent approved by SHARP for service.
- In case of gas leak, ventilate the area by opening a window. Do not touch the refrigerator or the power socket.

#### Disposal

- Ensure that the refrigerator presents no danger to children while being stored for disposal. (e.g. remove the magnetic door seals to prevent child entrapment.)
- This refrigerator should be disposed of appropriately. Take the refrigerator to a professional recycling plant for flammable refrigerant and insulation blowing gases.



#### Transportation

- When you install or move your refrigerator, use a curing mat to protect the floor from being damaged.
- Carry the refrigerator by holding the handles located on the rear and bottom side. If you lift up the refrigerator improperly, it may cause injury.



#### In use

- Do not touch the compressor unit or its peripheral parts, as they become extremely hot during operation and the metal edges may cause injury.
- Do not touch foods or metal containers in the freezer compartment with wet hands. This may cause frostbite.
- Do not place bottled drinks and cans in the freezer compartment.
   Especially when "Express cool" is in operation, there is a high risk that glass bottles may burst.
- Do not use other than potable water to make ice cubes.
- Do not open or close the door when other people put a hand near the door. There is a risk that the other people may get their fingers caught in the door.
- Do not put oversized object in the pockets of the door. If the object falls down from the pockets, it may cause injury.

## Installation

- Keep adequate ventilation space around the refrigerator.
  - The figure shows the minimum required space for installing the refrigerator. The amount of space around the refrigerator affects the amount of power consumption.

Insufficient spacing



will decrease cooling efficiency and increase energy consumption. This may reduce the life of the unit and void warranty.

- If using the refrigerator in the smaller space dimension than figured, it may cause temperature rise in the unit, loud noise and failure.
- The space between the rear of the refrigerator and the wall should be 60mm or more, and less than 75mm.

If the space is wider than 75mm, you may get injured by touching the compressor and its peripheral parts which are extremely hot during the operation.



**2** Use the two front adjustable feet to place the refrigerator flatly and firmly on the floor.



**3** When right and left doors are not properly aligned, adjust using the adjustable feet.



4 Remove the 4 screws of the lower part of the cabinet and use these screws to set the foot cover. (The foot cover is packed inside the refrigerator compartment.)



**5** Connect the power plug to a 230/240 volt. 10 amp. power point.

#### Note

- Position your refrigerator so that the plug is accessible.
- Keep your refrigerator out of direct sunlight and do not
- Do not place your refrigerator directly on the ground. Insert suitable stand such as wooden board under the refrigerator.
- When you insert the power plug with the door opened, door alarm sounds but it is not abnormal. This sound stops after closing the door.

#### Before using your refrigerator

Clean the inside parts with a cloth soaked in warm water.

If soapy water is used, wipe it off thoroughly with water.

## Description



Cover

- 1. Door pocket (3 pcs)
- 2. Refrigerator shelf (2 pcs)
- 3. Shelf
- 4. Bottle pocket (left)
- 5. Fruit and vegetable crisper The cover of the fruit and vegetable crisper opens as the case is pulled.
- 6. Freezer case (small) (3 pcs)
- 7. Freezer case (large) (2 pcs)
- 8. Caster (4 pcs) The casters allow the refrigerator to move back and forth.
- 9. Adjustable foot (2 pcs)
- 10. Foot cover

#### 11. Hybrid cooling panel

The panel cools the refrigerator compartment indirectly from the rear. In this way, food is cooled gently without being exposed to cold air flow.

Casters

- 12. Light
- 13. Utility pocket
- 14. Egg holder
- **15. Bottle pocket (right)** To store large-size bottles, move

the partition all the way back.

### Fresh case (upper) Fresh case (lower)

- 18. Ice cube maker (2 pcs)
  - 1) Do not overfill this tray with water. Otherwise the ice cubes will join together when frozen.
  - When ice cubes are made, turn the lever clockwise to put the ice into the ice cube box.





19. Ice cube box (2 pcs) Note

To prevent the ice cube box from being damaged, do not pour oil into the box or make ice in it.

- 20. Magnetic door seal (4 pcs)
- 21. Control panel

#### **Deodorising unit**

Deodorising catalyst is installed on the routes of cold air. There is no need to operate and clean.

## If you wish to store large items within your freezer

You may remove case or shelves as below figure.



## **Useful modes**

🗘 Extra cool

Express freezing

🗱 Express cool



	Extra cool	Express freezing	Express cool	
Feature	This mode is to cool beverages or foods to ice-cold. Note : Food with high- moisture may freeze.	This mode speeds up the time to freeze food.	This mode is to cool beverages or foods quickly.	
Point of use	Fresh case	Freezer compartment	Freezer compartment Caution : Do not place glass bottles. There is a high risk that they may burst.	
Operating time	6 hours *1	2 hours *1	30 minutes	
	<ul> <li>This mode ends automatically.</li> <li>The alarm does not sound.</li> </ul>		<ul> <li>This mode ends automatically.</li> <li>The alarm sounds.</li> <li>To stop the alarm *2</li> <li>Press enter button.</li> </ul>	
After the operation completed	<ul> <li>There is no need for taking beverages or foods out.</li> </ul>		<ul> <li>Be sure to take the beverages and foods out when the alarm sounds.</li> <li>If the beverages and foods are left in the freezer compartment over approximately 30 minutes, they may freeze.</li> </ul>	
At the time of power failure during the operation	• This mode is automatically cancelled.		• This mode is automatically restarted from the previous state at the time of re-power.	

\*1 It may take more time to complete if the operation overlaps with defrosting. This mode starts after defrosting is completed.

\*2 If you do not stop the alarm, it sounds 30 minutes continuously.

#### Note

• Extra cool, Express freezing and Express cool are not available at the same time while one of the modes is in operation.

• Avoid opening the door as much as possible during the operations of these modes.

### Plasmacluster

Use this feature when you want to keep the inside of the refrigerator clean.

The ionizer inside your refrigerator releases clusters of ions, which are collective masses of positive and negative ions, into the refrigerator compartment. These ion clusters inactivate airborne mold fungus.

#### Note

• There may be a slight odor in the refrigerator. This is the smell of ozone generated by the ionizer. The amount of ozone is minimum and quickly disappears in the refrigerator.



## **Control panel**



### **Operations of useful modes**



### **Operation of additional modes**

	Summary	Cancel operation	Display
Door alarm	<ul> <li>When the refrigerator door is left open for over 1 minute, door alarm sounds once, and again after 1 minute.</li> <li>If the door is left open for approx. 3 minutes, the alarm sounds continuously.</li> <li>The alarm stops after the door is closed.</li> </ul>	Press	The indicator turns off.
Sound of button operation	<ul> <li>When you want to switch off button operation sound.</li> </ul>	Press	The indicator turns off.

**Note** • When you want to turn on the additional mode, follow the same step again. (The indicator turns on.)

### **Controlling temperature**

The refrigerator controls its temperature automatically. However, you can adjust the temperature as below.

#### How to check the current temperature setting

Press 🗊 button to select R or F icon.

#### **Setting of Refrigerator / Freezer** compartment

Freezer compartment

: Adjustable between -13°C and -21°C in steps of 1°C Refrigerator compartment

: Adjustable between 0°C and 6°C in steps of 1°C

#### **Basic operations**

#### **Default setting**



The temperature that indicated on the control panel is not the exact temperature inside.



#### Advanced Setting of Refrigerator/Freezer compartment

The temperature of the refrigerator compartment and freezer compartment can be adjusted in steps of 0.5 °C by following the steps a to c below.



## **Storing food**



Refrigeration reduces the rate of food spoilage.

Ensure that the food is of the freshest possible quality to maximize the shelf life of perishable foods. The following is a general guide to help promote longer food storage.

#### Fruit / Vegetables

Fruit and vegetables should be loosely enclosed in a plastic material e.g. wrap, bags (do not seal) and placed in the fruit and vegetable crisper to minimise moisture loss.

#### **Dairy Products & Eggs**

- Most dairy products have their best-before date on the outer packaging which informs the recommended temperature and shelf life of the foods.
- Eggs should be stored in the Egg holder.

#### Meats / Fish / Poultry

- Place on a plate or a dish and cover with paper or plastic wrap.
- For larger cuts of meat, fish, or poultry, place to the rear of the shelves.
- Ensure all cooked food is wrapped securely or placed in an airtight container.
- \* Notes for fresh food:
- Fresh food (securely wrapped) should be stored in limited time to prevent spoilage and badly affecting other stored foods.

#### For best freezing

- Quality of foods should be fresh.
- Freeze small quantities of food at a time in order to freeze them quickly.
- · Food should be properly sealed or covered tightly.
- Place foods in the freezer evenly.
- Label bags or containers to keep an inventory of freezing food.

## Advice for preventing dew or frost inside the refrigerator

- Keep the door securely closed. If the food falls down, it may cause a gap between the cabinet and the door. Move it back to the shelf or the pocket.
- Food with high-moisture should be stored in an airtight container or sealed tightly.

#### Note

- Evenly place the food on the shelves to allow the cooling air to circulate efficiently.
- Hot foods should be cooled before storing. Storing hot foods increases the temperature in the unit and the risk of food spoilage.
- Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
- Do not block the outlet and inlet of the cool air circulating circuit with foods or containers; otherwise the food will not be evenly cooled throughout the refrigerator.





Do not place food directly in front of cold the air outlet. This may lead to the food freezing.

IN

OUT

#### Important

#### To prevent cracks on the inside surfaces and plastic components, follow these tips.

- Wipe out food oil that has adhered to plastic parts.
- · Some household chemicals may cause damage, so use only diluted washing-up liquid (soapy water).
- Wipe any spills from the refrigerator immediately as acid or alkaline in the food can cause cracking and staining of plastic parts.

#### Cleaning

#### For hygienic reasons, make sure to do following things regularly.

Remove the accessories (e.g. shelves) from the cabinet and the door. Wash them with warm soapy dishwashing water. After that, rinse them in clean water and dry. (Only fruit and vegetable shelf is not removable.)



- Clean the inside with a cloth soaked in warm soapy dishwashing water. Then, use cold water to wipe off soapy water thoroughly.
- Wipe the exterior with a soft cloth each time it gets dirty.
- Clean the Magnetic door seal with a toothbrush and warm soapy dishwashing water.
- Wipe the control panel with a dry cloth.

#### Note

- · Do not use hot water, household cleaning powders, creams or spray-on cleaning products, or any other cleaning products such as mineral turpentine, methylated spirits, thinners, petrol etc. These may damage your refrigerator and may void any warranty.
- · If the power supply is disconnected, please wait at least 5 minutes before re-connecting power.
- The glass shelves weigh approximately 3 kg each. Hold them firmly when removing from the cabinet and carry. • Do not drop objects inside the refrigerator or strike the
- inner wall. This may cause cracks to the inner surface.

#### **Before transporting**

Wipe up water in the evaporating pan. Before wiping up the water, wait more than 1 hour after pulling out the power plug because the refrigeration cycle equipment is extremely hot.

(The evaporating pan is located on the rear of the product.)



#### Switching off your refrigerator

If the refrigerator needs to be switched off for an extended period, the following steps should be taken to reduce the growth of mould:

- 1. Remove all food.
- 2. Remove the power plug from the power point.
- 3. Clean and dry the interior thoroughly.
- 4. Ensure that all the doors are wedged open slightly for air circulation.

#### Defrosting

Defrosting is automatically operated by a unique energy saving system.

#### When the compartment light is blown

Contact the service agent approved by SHARP to replace the light. The light is not to be replaced other than by a qualified service personnel.

### Tips for saving energy

- Keep the ventilation space as much as possible around the refrigerator.
- Keep your refrigerator out of direct sunlight, and do not place it next to a heat generating appliance.
- Avoid opening the door as much as possible.
- Hot foods should be cooled before storing.
- Place the food evenly on the shelves to allow the cool air to circulate efficiently.

## **Before you call for service**

Before calling for service, check the following points.

Problem	Solution
The outside of the cabinet is hot when touched.	It is normal. The hot pipe is in the cabinet in order to prevent dew generation.
The area around the door handle of the refrigerator is hot when touched.	It is normal. The heater to prevent dew generation is inside the door.
When there is refrigerator noise.	<ul> <li>It is normal for the refrigerator to make the following sounds.</li> <li>Loud noise is made by the compressor when its operation starts <ul> <li>Sound becomes quieter after a while.</li> </ul> </li> <li>The compressor makes loud noise once a day.</li> <li>Operating sound is made immediately after automatic defrost operation.</li> <li>Sound of flowing fluid (gurgling sound, fizzing sound) <ul> <li>Sound of refrigerant flowing in pipes (sound may become louder from time to time).</li> </ul> </li> <li>Cracking or crunching sound, squeaking sound <ul> <li>Sound produced by expansion and contraction of inner walls and internal parts during cooling.</li> </ul> </li> </ul>
Frost or dew appears inside or outside the refrigerator.	<ul> <li>This may occur in one of the following cases. Use a wet cloth for wiping frost and a dry cloth for wiping dew.</li> <li>When the ambient humidity is high.</li> <li>When the door is frequently opened and closed.</li> <li>When foods containing plenty of moisture are stored. (Wrapping is required.)</li> </ul>
The foods in the refrigerator compartment freeze.	<ul> <li>Is the refrigerator operated for a long time with refrigerator temperature control set at 0°C?</li> <li> Change the temperature control back to around 3°C.</li> <li>Is the refrigerator operated for a long time with freezer temperature control set at -21°C?</li> <li> Change the temperature control back to around -18°C.</li> <li>If ambient temperature is low, foods may freeze even if the refrigerator compartment is set at 6°C.</li> </ul>
Odours in the compartment.	<ul> <li>Wrapping is required for the foods with strong odours.</li> <li>Deodorising unit cannot remove all odours.</li> </ul>
If door alarm does not stop.	The alarm stops after the door is closed.

#### For Australia

If you encounter problems with this product, or if it fails to perform to your expectations, make sure to contact our After Sales Support Centre on (AU) 1300 886 649

Customer Helpline: (AU) 1300 886 649

Email: info@tempo.org

For an electronic copy of this manual, please contact our after sales support centre.

#### For New Zealand

If you still require service contact your SHARP Approved Service Centre.

SHARP Approved Service Centre locations or an electronic copy of this manual can be found

in the Support area of our website:

New Zealand : https://www.sharp.net.nz

		SJ-XP624FB	
Rated voltage (V~)		220 - 240	
Rated frequency (Hz)		50	
Rated current (A)		1.7 - 1.8	
Rated input of heating systems (W)		173 - 206	
Defrosting input (W)		173 - 206	
Climate class		Т	
Refrigerant		R600a	
Charge (g)		70	
Insulation blowing gas		Cyclo pentane	
Rated storage volume (L)		556	
Group		5B	
Net weight (kg)		100	
Overall dimensions (mm)	Height	1720	
(1111)	Width	892	
	Depth	771	
Dimensions with handles, protrutions	Height	1720	
(mm)	Width	892	
	Depth	771	

\* AS/NZS 4474:2018

### **SHARP WARRANTY** Consumer Electronic Products

### **Congratulations on Your Purchase!**

This Sharp product is warranted against faults in material and manufacture for the period as stated in the table below.

If service is required during the warranty period, please contact your nearest Sharp Approved Service Centre. These repairs would be carried out at no charge to the owner, subject to the conditions specified herein.

This warranty does not extend to defects or injuries caused by or resulting from causes not attributable to faulty parts or the manufacture of the product, including but not limited to, defect or injury caused by or resulting from misuse, abuse, neglect, lack of maintenance, accidental damage, improper voltage, liquid spillage, vermin infestation, software, or any alterations made to the product which are not authorised by Sharp.

Please retain your sales documentation, as this should be produced to validate a warranty claim. This warranty is in addition to and in no way limits, varies or excludes any implied rights and remedies under any relevant legislation in the country of sale.

This warranty does not cover transportation to and from the Sharp Approved Service Centre. Goods presented for repair may be replaced by refurbished goods of the same type rather than being repaired. Refurbished parts may be used to repair the goods. The repair of your goods may result in the loss of user generated data, please ensure that you have saved this data elsewhere prior to repair.

Australian customers: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The criteria of a major failure is defined in the Australian Consumer Law. Should you require any assistance with a major failure please contact Sharp Customer Care.

#### WARRANTY PERIODS

Refrigerator 24 months

IMPORTANT NOTICE: This warranty applies only to products sold in Australia & New Zealand

#### SHARP

FOR LOCATION ENQUIRIES WITHIN

#### AUSTRALIA

REGARDING YOUR LOCAL SHARP APPROVED SERVICE CENTRE

Customer service helplines

### 1300 886 649

(calling within Australia) Monday - Saturday, 9am - 6pm Open Monday to Saturday except on public holidays.

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FOR LOCATION ENQUIRIES WITHIN

#### NEW ZEALAND

REGARDING YOUR LOCAL SHARP APPROVED SERVICE CENTRE VISIT OUR WEBSITE AT

### www.sharp.net.nz

CONTACT YOUR SELLING DEALER/RETAILER OR CALL

> SHARP CUSTOMER SERVICES TELEPHONE: 09 573 0111 FACSIMILE: 09 573 0113

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