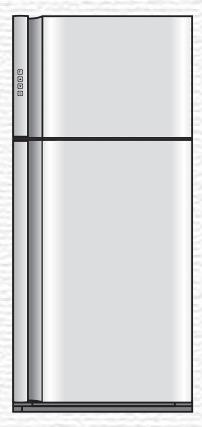
SHARP



SJ-XP580G



"Plasmacluster" and "Device of a cluster of grapes" are trademarks of Sharp Corporation.

MODEL SJ-XP580G

Refrigerator - Freezer Operation manual

Contents

• Safety information
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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

<u>^</u>

Warning

This means that there are high risks of death or serious injury.

 Λ

Caution

This means that there are high risks of material damage or personal injury.



Warning

Refrigerant

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

- The room for installing the refrigerator must be at least 1 cubic metre per 8 grams of refrigerant.

 The refrigerant quantity contained in this refrigerator is noted on the Rating Plate of the appliance.
- 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.
- 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. In Queensland the authorized Service Person MUST hold a Gas Work Authorisation for hydrocardon refrigerants, to carry out servicing and repairs which involve the removal of covers.
- During transportation and installation, ensure that the tubing of the refrigerator circuit is not damaged.

Installation

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

Power cord, Plug, Socket

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

- 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.
- Make sure that the power cord has not been damaged during installation or moving. If the power plug or cord is loose, do not insert the power plug.
- 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.
- Should the flexible supply cord be damaged, it must be replaced by service agent approved by SHARP, a special cord is required.

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 the 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

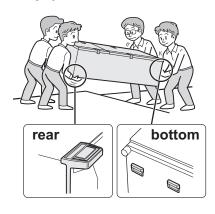
- Ensure that the refrigerator presents no danger to children while being stored for disposal. (e.g. remove the magnetic door seals to prevent child entrapment.)
- This refrigerator should be disposed of appropriately. Take the refrigerator to a professional recycling plant for flammable refrigerant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



Caution

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 "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.

Keep adequate ventilation space around the refrigerator.

 The picture 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.

60mm

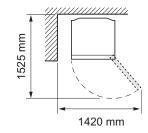
or more

 If using the refrigerator in the smaller space dimension than figured, it may cause temperature rise in the unit, loud noise and failure.

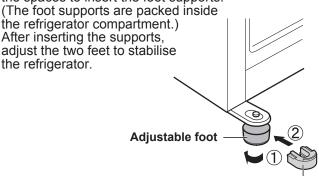
• The space between the rear of the refrigerator and the wall should be 60mm or more, and less than

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

Overall space required in use

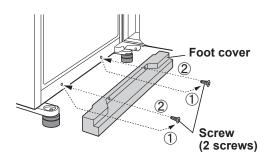


Turn the two adjustable feet of the front side to make the spaces to insert the foot supports.



Foot support

- The refrigerator is slightly tilted backward by inserting the supports. It is effective to install the refrigerator firmly.
- Remove the 2 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.)



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

Note

90mm or more

60mm

or more

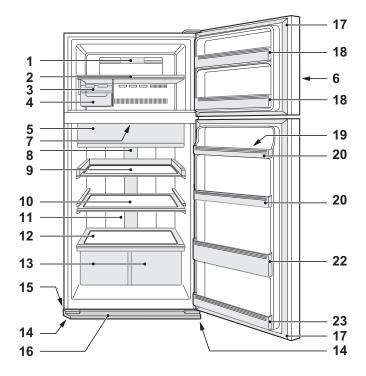
- Place your refrigerator to access the plug.Keep your refrigerator out of direct sunlight and do not
- place next to heat generating appliance.

 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.

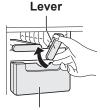
Before using your refrigerator

Clean the inside parts with a cloth soaked in warm water. If soapy water is used, wipe it off thoroughly with water.

Description



- 1. Freezer light
- 2. Freezer shelf
- 3. Ice cube maker
- 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 lce cube box.



Ice cube box

4. Ice cube box

Note

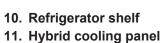
To prevent the ice cube box from being damaged, do not pour oil into the box or make ice in it.

- 5. Fresh case & door
- 6. Control panel
- 7. Deodorising unit

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

- 8. Refrigerator light
- 9. Smooth access shelf

You can pull out this shelf.



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

- 12. Fruit and vegetable shelf
- 13. Fruit and vegetable crisper (2 pcs)
- 14. Adjustable foot (2 pcs)

15. Caster (4 pcs)

The casters allow the refrigerator to move back and forth.



- 17. Magnetic door seal (2 pcs)
- 18. Freezer door pocket (2 pcs)
- 19. Egg tray
- 20. Egg pocket (2 pcs)
- 21. Bottle pocket
- 22. Refrigerator pocket (Bottom)

Casters

If you wish to store large items within your refrigerator

You may remove the following accessories.

- 2. Freezer shelf
- 3. Ice cube maker
- 4. Ice cube box
- 5. Fresh case & door
- 9. Smooth access shelf
- **10.** Refrigerator shelf
- 13. Fruit and vegetable crisper

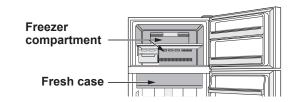


Useful modes

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	
	This mode ends automatically.The alarm does not sound.		This mode ends automatically. The alarm sounds. To stop the alarm *2 Press enter button.	
After the operation completed	There is no need for taking beverages or foods out.		 Be sure to take the beverages and foods out when the alarm sounds. If the beverages and foods are left in the freezer compartment over approximately 30 minutes, they may freeze. 	
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.

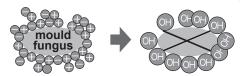
Note

- 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 ioniser 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 mould fungus.



Note

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

Energy saving

Use this feature when you want to switch the appliance to energy-saving operation.

While this feature is operating, the inside temperature of the refrigerator and freezer compartment becomes higher than the normal operation as follows. The displayed temperature will not change.

	Freezer compartment	Refrigerator compartment
Under "Energy saving" mode	Approx. 1°C plus	Approx. 2°C plus

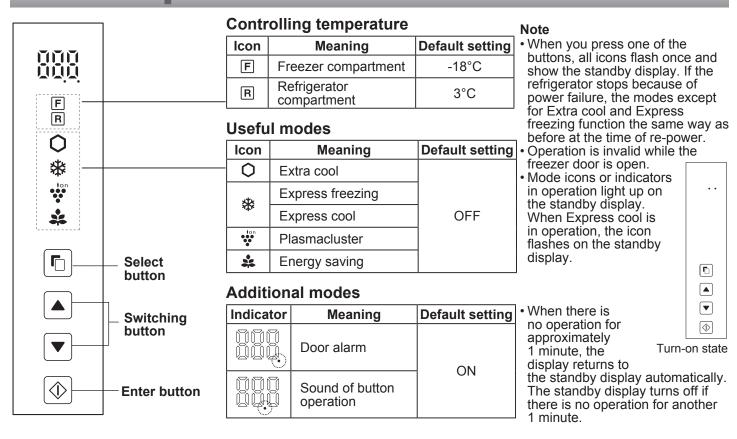
(When the temperature is set at F: -18°C, R: 3°C.)

Cancel this mode when you feel the beverages are not cooled enough or ice making takes longer time.

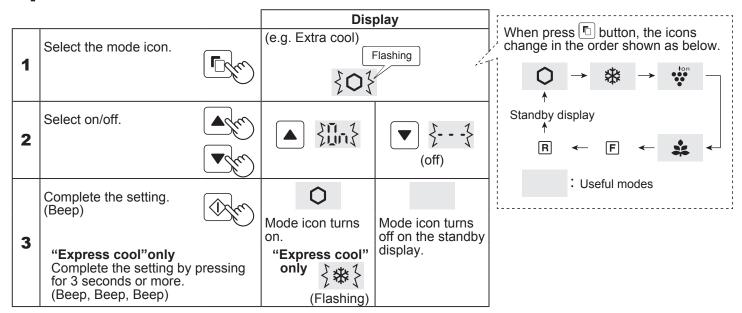
Note

 The efficiency of power saving depends on the usage environment (controlling temperature, ambient temperature, frequency of opening or closing the door, amount of food).

Control panel



Operations of useful modes



Operation of additional modes

	Summary	Cancel operation	Display
Door alarm	 When the refrigerator door is left open for over 1 minute, door alarm sounds once, and again after 1 minute. If the door is left open for approx. 3 minutes, the alarm sounds continuously. The alarm stops after the door is closed. 	Press ① and ▲ simultaneously for 3 seconds or more. (Beep, Beep, Beep)	The indicator turns off.
Sound of button operation	When you want to switch off button operation sound.	Press ⊕ and ▼ simultaneously for 3 seconds or more. (Beep, Beep, Beep)	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 Dutton to select F or R icon.

Setting of Freezer/Refrigerator compartment

Freezer compartment

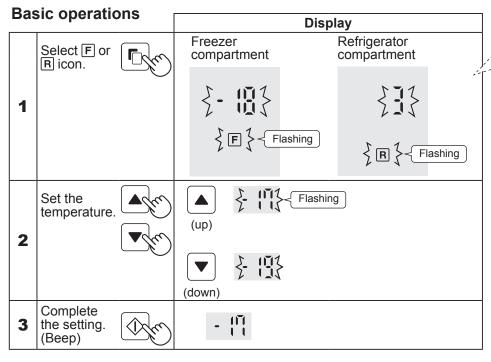
: Adjustable between -13°C and -21°C in step of 1°C

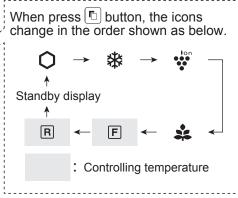
Refrigerator compartment

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

Default setting

Freezer compartment	Refrigerator compartment
- (Ŭ	3





Advanced Setting of Freezer/Refrigerator compartment

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

Beep beep beep

- **a.** After the step **1** of "Basic operations", press ♠ for 3 seconds or more.
 - The current preset temperature returns to "Default setting" (The display is indicated as the picture on the right.)
- **b.** Press or and set the temperature.
- C. Complete the setting. (Same as step 3 of "Basic operations".)

Follow the steps ${\bf a}$ to ${\bf c}$ again if you want to adjust the temperature in step of 1°C.







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 tray.

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.

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 frozen 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 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.
- 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 air outlet. This may lead to the food freezing.

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 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.

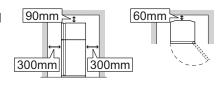
Power consumption

Power consumption of this model is measured according to the international standard of refrigerator performance.

If the refrigerator is operated with the accessories (shaded area) taken out, it works under the most energy efficient condition.

 The amount of power consumption of this model is measured with these accessories taken out as indicated in the shaded area.

 The amount of power consumption of this model is measured under the space dimensions on the right picture.



Care and cleaning

Important

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

- Wipe out food oil adhered to plastic parts.
- Some household chemicals may cause damage, so use only diluted washing-up liquid (soapy water).
- If undiluted detergent is used or soapy water is not wiped off thoroughly, it may result in cracks of plastic parts.
- Wipe any spills from the refrigerator immediately as acid or alkaline in the food can cause cracking and staining of plastic parts.

Cleaning

- 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.

Defrosting

Defrosting is automatically operated by a unique energy saving system.

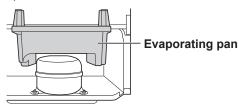
When the compartment light is blown

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

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 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.
- Ensure that all the doors are wedged open slightly for air circulation.

Before you call for service

Before calling for service, check the following points.

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

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

SHARP Approved Service Centre locations can be found in the Support area of our website:

Australia: http://www.sharp.net.au New Zealand: http://www.sharp.net.nz

Specification

		SJ-XP580G		
Rated voltage (V~)	220 - 240			
Rated frequency (Hz))	50		
Rated current (A)		2.0 - 2.1		
Rated input of heating	systems (W)	145 - 170		
Defrosting input (W)		145 - 170		
Climate class		Т		
Refrigerant		R600a		
Charge (g)		57		
Insulation blowing gas		Cyclo pentane		
Rated storage volume (L)		535		
Rated gross volume (L)		581		
Group (AS / NZS 4474.1)		5T		
Net weight (kg)		80		
Outer dimensions	Height	1750		
(mm)	Width	800		
	Depth	735		

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

Audio/Home Theatre 12 months Microwave / Steam Oven 12 months Slow Juicer 12 months Refrigerator 24 months DVD/Blu-ray 12 months Washing Machine 24 months Portable Air Conditioner 12 months LCD Television 12 months Air Purifier 12 months Vacuum Cleaner 24 months

Home Theatre Projector 12 months (excluding lamps and air filters)

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

VISIT OUR WEBSITE AT

www.sharp.net.au

OR CALL SHARP CUSTOMER CARE

1300 135 022

(LOCAL CALL COST APPLY WITHIN AUSTRALIA)

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SHARP

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TELEPHONE: 09 573 0111 FACSIMILE: 09 573 0113

SHARP CORPORATION OF NEW ZEALAND LIMITED

SHARP

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Printed in Thailand
TINS-B658CBRZ 15FK TH ①