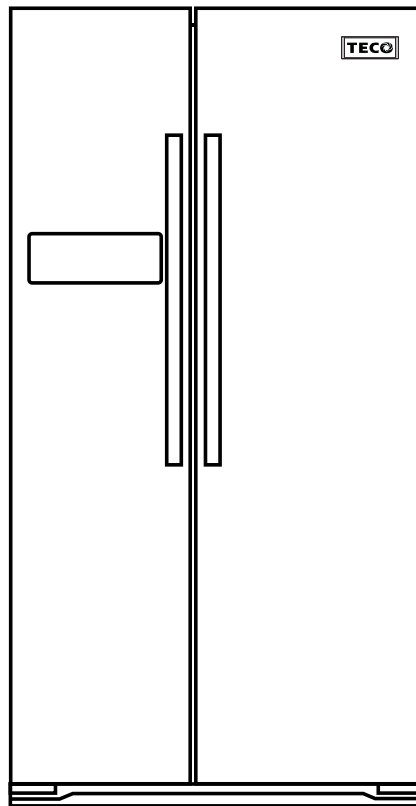




**SIDE BY SIDE FROST FREE
580L REFRIGERATOR**

USER'S MANUAL

**Models : TSXS580WNA
TSXS580SNA**



To ensure proper use of the appliance and your safety, please read the following user manual completely before operating this appliance.

- Thank you for purchasing our product and thank you for placing your confidence in us.
- Read this manual carefully before use. Follow instructions and keep the manual for future reference.
- Follow the operating instructions and safety notices in this manual.
- If any trouble arise, do not fix it yourself or hand it to the after sales service centre which have not been authorised. Please contact TECO service on 1300 660 037.
- This refrigerator is designed and approved for use with flammable R600a refrigerant.
- The appliance is specifically constructed for domestic use and is therefore suitable for the refrigeration and storage of fresh and frozen foods and the production of ice-cubes. The appliance has not been designed or manufactured for professional use. Teco declines all responsibility for damage deriving from improper use of the appliance. The refrigerator has undergone the necessary tests on the tightness of the refrigeration circuit and complies with the safety regulations for electrical appliances.



WARNING

WARNING ICON

This symbol indicates information concerning your personal safety



CAUTION

CAUTION ICON

This symbol indicates information on how to avoid damaging the appliance



FLAMMABLE ICON



R600a

R600a WARNING LABEL

TABLE OF CONTENTS

Safety Precautions	.....	1 - 2
Name of Parts and Usage	.....	3
Packing List	.....	4
Transporting the Appliance & Installation	.....	5
Operating Instructions	.....	6
Control Panel	.....	6 - 8
Energy Saving Tips	.....	9
Maintenance	.....	9
Disconnection of the Appliance	.....	10
Troubleshooting	.....	10 - 11
Repairs, Service & Warranty	.....	12
Specifications	.....	12



R600a Iso-butane Refrigerant

- Hydrocarbon refrigerants have excellent refrigerant properties and minimal low global warming potential and no ozone depletion potential.
- This appliance contains a small quantity of flammable, non-synthetic R600a refrigerant:
- Hydrocarbon refrigerants cannot be 'retrofitted' to the appliance that has not been designed and approved to use that type of refrigerant.
- Ensure that the tubing of the refrigerant circuit is not damaged during transportation and installation.
- Leaking refrigerant may cause eye injuries or could ignite.
- The room for installing the appliance must be at least 1m³ per 8g of refrigerant. The amount of refrigerant in the appliance can be found on the rating plate attached to the appliance.



Risk of fire

- If the refrigerant circuit should become damaged. Avoid open flames and sources of ignition. Disconnect the appliance from the mains power. Thoroughly ventilate the room in which the appliance is situated for several minutes.

SAFETY PRECAUTIONS

Instructions

- The refrigeration system behind and inside the refrigerator contains refrigerant. Do not allow any sharp objects to come in contact with the refrigerant system.
- Keep ventilation openings, in the appliance enclosure or in the built in structure, clear of obstruction.
- Do not damage the refrigerant circuit, do not use electrical items or fire equipment nearby, and open all windows to provide good ventilation.
- Do not use electrical appliances inside the food storage compartments of the appliance unless they are the type recommended by the manufacturer.
- 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.

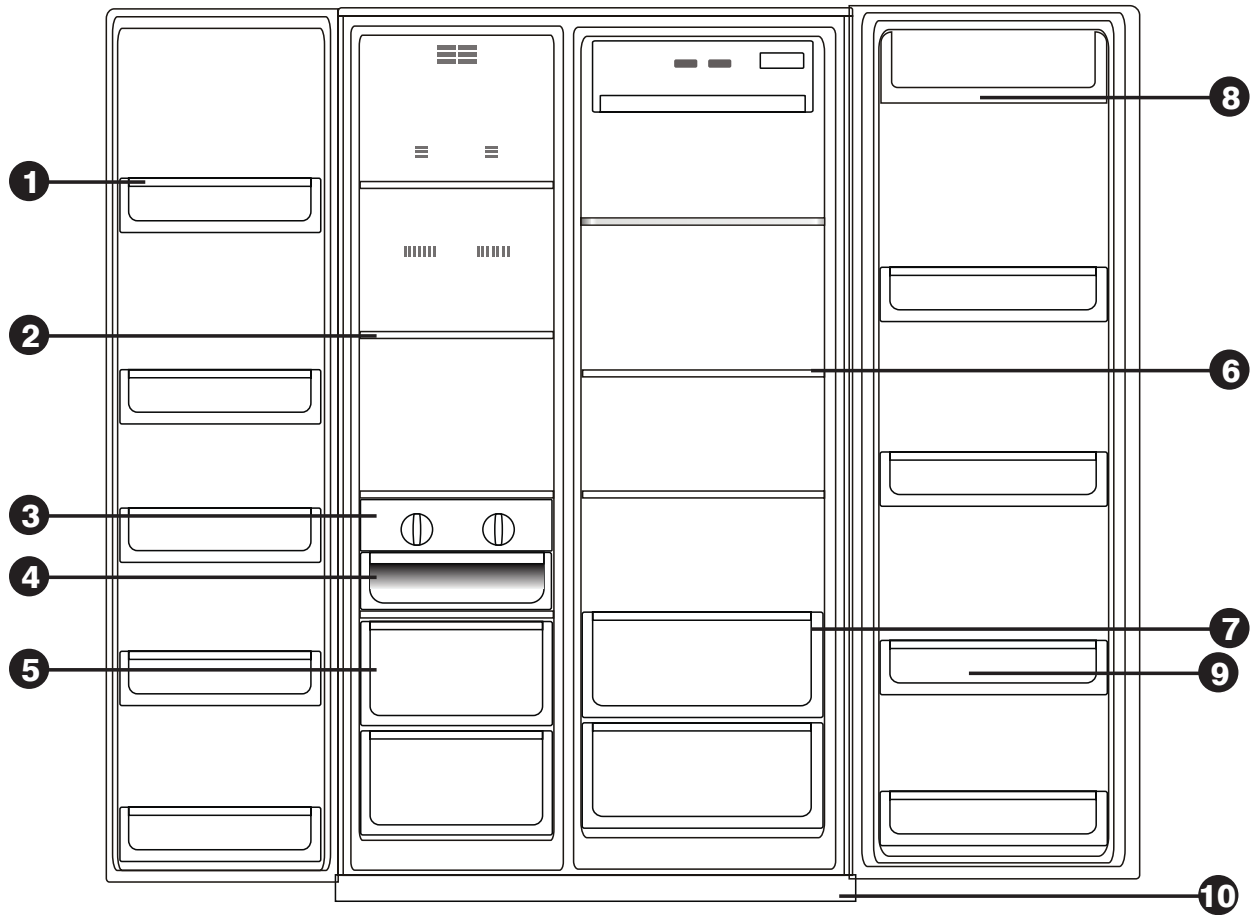
- Young children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- When disposing of the appliance, do so only at an authorised waste disposal centre.
- Don't store inflammable materials such as ether, benzene, LP gas and glue etc in the refrigerator.
- Please remove all the doors before you dispose your refrigerator and leave the shelves in place to prevent access by children.
- Do not expose to flame.
- Please keep the appliance away from substances which could cause ignition.
- Before obtaining access to electrical terminals, all electrical supply circuits must be disconnected.
- The fridge is designed to operate on a single phase power supply within a voltage range of 220~240V/50Hz.
- Don't splash water on the rear of the appliance, for it may cause malfunction or electric shock.
- Containers with flammable gases or liquids can leak at low temperature. There is a risk of explosion.
- Do not store any container with flammable materials such as spray cans in the refrigerator.
- Do not operate any electrical appliance in the refrigerator (e.g. electric ice cream makers, mixers etc.).
- Before cleaning the appliance, always switch off the appliance and unplug it, or pull the house fuse or switch off the circuit breaker.



Safety of children

WARNING Packaging (e.g. wraps, polystyrene) can be dangerous for children. There is a risk of suffocation. Keep packaging materials away from children. Remember to dispose of old appliances in accordance with local laws. Pull out the mains plug, cut off the mains cable, break or remove spring or bolt catches if fixed and ensure that children cannot lock themselves in the appliance when playing (there is risk of suffocation) or involve themselves in other dangers, for children cannot recognize the hazard present in household appliances themselves. Therefore, it is very important for parents to make adequate supervision and never let children play with the appliance.

NAME OF PARTS AND USAGE



- 1. Freezer Door Rack
- 2. Freezer Glass Shelf
- 3. Twist Ice Cube Maker
- 4. Ice Cube Drawer
- 5. Freezer Drawer
- 6. Fresh Food Glass Shelf

- 7. Vegetable Crisper
- 8. Fresh Food Door Rack
- 9. Fresh Food Door Rack
- 10. Kick Panel

- The refrigerator you purchased is subject to continuous improvement, which may not be completely consistent with the manual, however the functions and operating methods will not change.
- If you use the refrigerator for the first time, remove the adhesive tapes from the drawers, shelves, trays, etc.
- Do not pull or push the drawers and shelves forcefully during use in case of damage.

PACKING LIST

Check the packing list that all items have been included.

Part No. (see pg.3)	Model	TSXS580WNA TSXS580SNA
7	Vegetable Crisper	2 piece
	Egg Tray	1 piece
6	Glass Shelves	3 pieces
2	Freezer Shelf (Glass)	2 pieces
1 & 8	Door Rack	10 pieces
	User Manual	1 copy
	Warranty Information	1 copy

Note: Product specifications are subject to change without prior notice

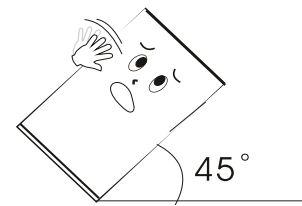
TRANSPORTING THE APPLIANCE & INSTALLATION

1. The appliance must be transported only in a vertical position. The packing must be intact during the transportation.

2. When unpacking and re-packing the appliance, please memorise the position of each accessory of the appliance when unpacking it. When re-packing the appliance for transportation, ensure all accessories are secured before transportation.

3. Do not lift or pull the door during transportation.

4. When moving the appliance, do not tilt >45 degrees (the angle of the vertical direction). Please avoid strong vibration and impacts that could cause damage to the appliance.



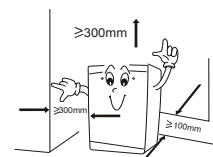
5. The refrigerator should be located on a firm and flat surface. An uneven surface may cause excess operating noise or vibration.

(a) The noise may be increased if the floor is not firm.

(b) If the appliance is to be positioned on carpet flooring and heat emitted from the appliance is a concern, place a solid sheet under the appliance.

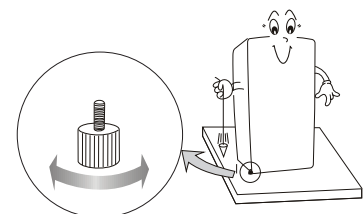
6. Choose a location which is not exposed to sunlight, high temperature or humid, as humidity may cause staining.

7. It is recommended a clearance of at least 300mm away from objects and walls on both sides and top. Ensure the clearance behind the appliance is not less than 100mm and 160° clear for both doors to swing open.



8. If the appliance is unstable, rotating either of the front two legs in a clockwise direction will raise the appliance.

9. When adjusting the front legs, ensure the appliance slopes backwards slightly for keeping the door closed.

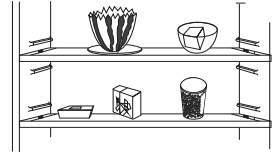


10. Remove all internal packaging before operating.

OPERATING INSTRUCTIONS

PLACEMENT OF FOOD

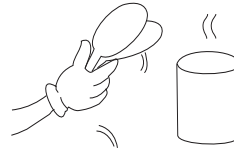
1. There should always be some space between items inside for air circulation.



2. Food should be kept in sealed packaging to avoid becoming dry or spoilt.



3. Hot food should be cooled down before placing into the appliance. Otherwise, the interior temperature and power consumption will increase.



4. Reduce opening the door frequently. This will increase the appliance efficiency and reduce power consumption.

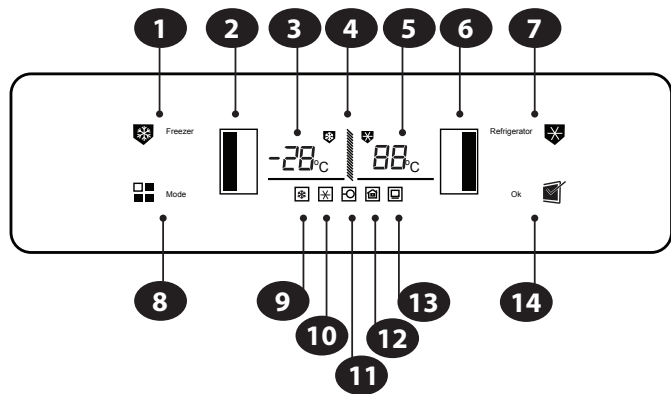


WARNING

Do not use any electronic equipment inside the appliance. Do not store objects which are costly or subject to temperature variations. e.g. medication or chemicals.

CONTROL PANEL

1. Freezer temperature button
2. Freezer section indicator
3. Freezer temperature
4. Compressor running status
5. Fresh food temperature
6. Fresh food section indicator
7. Fresh food temperature button
8. Mode selection button
9. Quick freeze indicator
10. Quick cooling indicator
11. Control panel lock indicator
12. Vacation mode indicator
13. Intelligent mode indicator
14. Confirmation button (Lock / Unlock)



CONTROL PANEL LOCK / UNLOCK

Press and hold the confirmation button (No.14) for at least 3 seconds to lock the control panel. The indicator (No.11) will display the panel is now locked. To UNLOCK, press and hold the confirmation button (No. 14) for at least 3 seconds. The control panel lock indicator will no longer be displayed.

PLEASE NOTE:

When the control panel is LOCKED, no buttons will be accessible except for the confirmation (lock / unlock) button (refer to page 6 No.14). Ensure the control panel is UNLOCKED before setting temperatures or additional features. Features can not be cancelled or modified once the control panel has been locked.

INTELLIGENT MODE

Intelligent mode is used to set the optimal temperature for both fresh food and freezer compartments. This mode is designed to minimise energy consumption. In intelligent mode, the fresh food compartment temperature will be set to 5 °C and the freezer compartment temperature set to -18°C. To activate intelligent mode, press the MODE button (page 6 No. 8) until the intelligent mode indicator is displayed (page 6 No. 13). Press the confirmation button (page 6 No. 14) to activate intelligent mode.

VACATION MODE

When the refrigerator is in vacation mode, it reduces energy consumption when not in use for several days. It is recommended to set the refrigerator in this mode before going on vacation or not accessing the freezer or fresh food compartments for at least 3 days (72 hours). In this mode, the fresh food compartment temperature will be set to 7 °C and the freezer compartment temperature set to -15°C.

To activate vacation mode, press the MODE button (page 6 No. 8) until the vacation mode indicator is displayed (page 6 No. 12). Press the confirmation button (page 6 No. 14) to activate vacation mode.

QUICK FREEZE MODE

The quick freeze mode reduces the temperature of the freezer compartment quickly. To activate quick freeze mode, press the MODE button (page 6 No. 8) repeatedly until the quick freeze indicator (page 6 No. 9) is displayed. Press the confirmation button (page 6 No. 14) to activate quick freeze mode.

QUICK COOLING MODE

The quick cooling mode reduces the temperature of the fresh food compartment quickly. To activate quick cooling mode, press the MODE button (page 6 No. 8) repeatedly until the quick cooling indicator (page 6 No. 10) is displayed. Press the confirmation button (page 6 No. 14) to activate quick cooling mode.

CANCELLING A SELECTED MODE

To cancel a selected mode, press the MODE button (page 6 No. 8) until the desired mode flashes. Press the confirmation button (page 6 No.14) to disable the selected mode. The indicator will no longer be displayed.

ADJUSTING FREEZER TEMPERATURE

To adjust the temperature of the freezer compartment, press the freezer temperature button (page 6 No.1). The freezer temperature will begin to flash. Repeatedly press the freezer temperature button (page 6 No. 1) to cycle through the temperature range from -16 °C to -24 °C. Once you reach the desired temperature, press the confirmation button (page 6 No.8) to activate your selection.

ADJUSTING FRESH FOOD COMPARTMENT TEMPERATURE

To adjust the temperature of the fresh food compartment, press the fresh food temperature button (page 6 No.7). The fresh food temperature will begin to flash. Repeatedly press the fresh food temperature button (page 6 No. 7) to cycle through the temperature range from 2 °C to 8 °C. Once you reach the desired temperature, press the confirmation button (page 6 No.8) to activate your selection.

POWER FAILURE MEMORY

If the mains power is cut to the refrigerator at any point while running, once power is restored, the settings will be retained and the refrigerator will resume automatically.

LATENCY PROTECTION

The refrigerator compressor is built with latency protection and the running time has a 5 minute time delay. The compressor will run at no less than 5 minute intervals.

ICE MAKING

To make ice cubes, locate the ice twist maker within the freezer compartment. Remove the ice cube trays and fill it with potable water. Place it back into the freezer compartment. Be careful not to spill water within the refrigerator. To remove ice cubes easily, gently twisting and inverting the ice cube tray into the ice box below.



ENERGY SAVING TIPS

1. Adjust the temperature to a setting that is acceptable for the storage of the food. This will reduce the power consumption.
2. Only open the door when required. Frequently opening either door will increase power consumption.
3. To maintain good air circulation, keep the shelves and crisper of the refrigerator as supplied.

MAINTENANCE

The appliance should be maintained and cleaned frequently. For your safety, pull the power plug out of the socket before cleaning.

1. Interior and exterior maintenance

- Clean the interior of the appliance with clean water and wipe it dry with a piece of dry cloth.
- Cleansers such as soap powder, abrasive cleaning powder, alkali cleansers, chemical cloth, thinners, alcohol, acid petroleum products and hot water should not be used to clean the refrigerator as they may damage the painted cover and plastics.

2. Smearing can age the interior plastic components, so remove it as soon as possible.

3. Wipe the door gasket clean, it is easy to damage the door gaskets if polluted by stains, e.g. oil, sauce, etc.

4. The replacement of interior light

Remove the cover and replace the LED bulb with a direct current 12V bulb.

- a. Unplug the power and remove the cover by locating the cover levers and squeeze them while lowering the cover downward.
- b. Remove the existing LED bulb and replace with a new bulb.
- c. Replace the cover and plug in the refrigerator.

5. Please check the points below after maintenance:

- 1) Is there any damage to the power lead?
- 2) Can the power plug be inserted into the power socket correctly?
- 3) Is the power plug and/or lead heating up?

Please remove the gasket from the door before disposing. The disposed apparatus should be handled by professionals, as it may be harmful to the environment. If disposal is necessary, please contact your local authorities for correct method of disposal. Dispose of all packaging in a responsible manner in accordance with local council regulations.

DISCONNECTION OF THE APPLIANCE

If a power failure occurs, even in summer, the refrigerator could store food normally for some time.

1, Power failure

During a power failure, do not put additional food in the appliance and reduce opening the door frequently.

Place several ice cubes into a container if power failure is anticipated beforehand, and place it in the top of the fridge.

2, Power failure during vacation

Before departure of a short vacation, set the refrigerator to vacation mode

and remove any items that could spoil if a power failure occurs. Ensure the door is closed firmly. If going on a long vacation, remove all items, clean and wipe dry the internal of the appliance, prior to disconnecting the power and leave the door open.

3, Storage of appliance

If the refrigerator will be stopped for a long period of time (storage), remove all items, clean and wipe dry the internal of the appliance, unplug the appliance from the power outlet. The doors should be kept open in order to prevent unpleasant odours.



CAUTION

Unplugging the appliance from the power outlet, please leave at least 5 minutes before reconnection.

TROUBLESHOOTING

The following cases are not malfunctions:

1. Moisture may form as condensation on the outside of the appliance during humid conditions. To remove excess moisture, wipe clean.
2. The flow of refrigerant through the pipeline coil could cause gurgling, similar to water boiling. This is the normal function of the appliance.

3. It is normal that the sides of the appliance will get warm as a result of the refrigeration system operation.
4. Do not place objects on top of the appliance which are magnetic, heavy, or filled with water.
5. The appliance operation could cause electrical interference to electrical equipment.

SYMPTOM: The refrigerator does not work.

SUGGESTION: It may not be connected to the power supply (plug, power failure or blown fuse) and switched on.

SYMPTOM: The refrigerator does not work efficiently as expected.

SUGGESTION: It may be caused by heavy frost on the freezer compartment, by a warm temperature setting or by frequently opening the door, or low voltage.

SYMPTOM: It makes an unusual noise.

SUGGESTION: It may be caused by an unbalanced appliance or unstable surface, bottles are badly placed and rattling, vibration from an object on top of, behind or beside the appliance.

SYMPTOM: The compressor keeps working for a long period.

SUGGESTION: The environment temperature may be too high. The doors may be opened frequently or they are left open. The temperature control setting may increase the working time of the compressor. Large amounts of warm food recently placed in the appliance.

SYMPTOM: Unpleasant odours.

SUGGESTION: Interior may need cleaning. Some foods produce strong odours, some containers can also cause odours. Food should be packed tightly before being put inside the appliance. Please check whether there is any spoilt items left in the appliance.

SYMPTOM: Heavy frost occurs in the freezer compartment.

SUGGESTION: Make sure the door is fully closed.

SYMPTOM: Refrigerator temperature is too cold.

SUGGESTION: Check the control panel setting are not set too low.

REPAIRS, SERVICE & WARRANTY

It is hazardous for anyone installing, removing, altering, repairing, servicing, testing or certifying the gas system of a gas device (i.e. charging, discharging or breaking into the refrigeration system that uses hydrocarbon refrigerants).

Only an Authorised Service Person can carry out servicing or repairs to this appliance. In Queensland the authorised person must hold a Gas Work Authorisation for hydrocarbon refrigerants, before carrying out servicing or repairs which involve the removal of covers.

Individuals will need to hold appropriate refrigeration/air conditioning competencies and also training in hydrocarbon refrigerants. This type of authorisation is provided to individuals only.

IF SERVICE IS REQUIRED:

If you have a problem, and the problem persists after you have made the checks mentioned above, contact:

TECO Australia's Service on 1300 660 037 (AEST 9am - 4pm Mon to Fri)
For warranty details please visit www.teco.com.au

Complete and retain the following information:

Name of retailer: _____

Date of purchase: _____

Model No. : _____

Serial No. : _____

MFG code: _____

Please retain proof of purchase for warranty claims.

SPECIFICATIONS

Model		TSXS580WNA TSXS580SNA
Climate class		T
Classification of installation and use		Class 5T Indoor use only
Rated Total Gross Volume (L)	F/Food	345
	Freezer	230
Voltage (V)		230
Frequency (Hz)		50
Noise Level (dB)		47
Refrigerant type		R600a
Ambient Operating temp (°C)		43
Dimensions (mm)	Height	1760
	Width	902
	Depth	750
IP rating		IPX0
Net Weight (Kg)		102



www.teco.com.au

BBE-PV
