TOSHIBA

Owner's Manual

REFRIGERATOR FREEZER

For Home Users Only



Model
GR-RF646WE-PGI(24)
(Multidoor Frost Free
Refrigerator Freezer)

PLEASE READ MANUAL

Inside you will find many helpful hints on how to use & maintain your refrigerator freezer properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your refrigerator freezer.

*Product colour and image may vary from the actual product.

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Check on Receiving

On receiving your Toshiba Refrigerator Freezer
Toshiba adopts a stringent policy to ensure safe delivery of all it's products. All product shipment are thoroughly checked, packed and quality certified before leaving our manufacturing.
Please don't accept any product if there is any visible loss or damage of the Good and ask delivery person to make the note on the freight bill or receipt.



On Opening the box
When a shipment has been delivered to you in apparent good conditions, but upon opening the box, if there is any loss or damage that has taken place due to transit, please inform the Toshiba Service Centre immediately.

About your instruction/usage manual
This manual is a guide to good usage and operating instructions for your new Toshiba Refrigerator Freezer.

This manual does not contain all product service related procedures required for continued successful operation of this product. The services of Toshiba Authorized Service Person must be employed on periodical basis for the same.

Do not operate the product before reading the manual supplied with this product and follow instructions to ensure personal safety and proper operations.

Carrier Midea India Limited assumes no liability for installation performed by any unauthorized person.

Always install, operate, inspect and maintain this product in accordance with the applicable standards.

Please store this user manual carefully for any future reference.



Key Features

With Toshiba's Real Inverter Compressor, power output varies according to different usage pattern (day/night or capacity loaded) in this way you can maximize efficiency and save energy. Temperature is also more constant as there is smaller fluctuation.

Now enjoy the pleasant life with the quite operation



Low Noise dBA

OriginFRESH

With its Triple cooling system and temperature control sensors, uniform temperature is maintained throughout the refrigerator and avoid cross contamination.
Plasma sterilization deactivate bacteria and remove bad odors. It keeps food in its original state of freshness for longer retaining the same moisture content as it is originally.



CONVERT ZONE

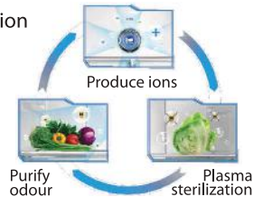
At the touch of button, this fridge can expand its capacity by almost 15%, transforming **Convert zone** into a fridge to fit an EXTRA 91L of fresh groceries! With temperature setting from -18 to 7oC, can store vegetable, fruit, fish and meat within the same space.



PLASMA PURE

PLASMAPURE module inside your refrigerator produces ions and electrons to inactivate bacteria and keep internal environment clean, fresh and healthy.

- Sterilization
- Deodorization
- Freshness and Healthy



26 organization

Better organization b
26 special compartments. That means there is more rooms for storing of all kind of food items.



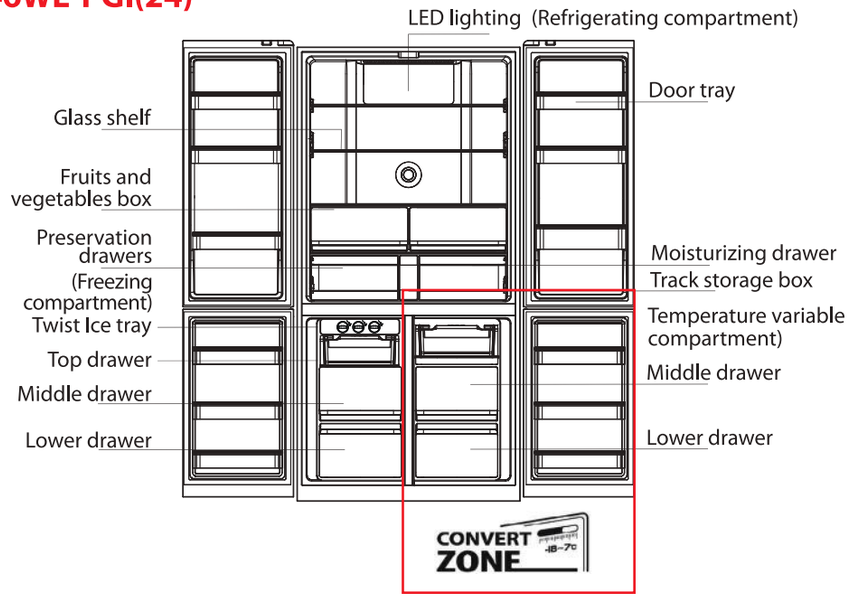
Tower LED Light

LED light brightens up softly when you open the door, illuminating the interior and making your eyes comfortable.



Know Your Refrigerator

GR-RF646WE-PGI(24)



Refrigerating compartment

- Suitable for storage of a variety of fruits, vegetables, beverages and other food consumed in the short term.
- Cooking foods shall not be put in the refrigerating compartment until cooled to room temperature.
- Foods are recommended to be sealed up before putting into the refrigerator.
- The glass shelves can be adjusted up or down for a reasonable amount of storage space and easy use.

Freezing compartment

- The low temperature freezing compartment may keep food fresh for a long time and it is mainly used to store frozen foods and making ice.
- This compartment is suitable for storage of meat, fish and other similar food items, which are not to be consumed in short term.
- Chunks of meat are preferably to be divided into small pieces for easy access. Please note food shall be consumed within the shelf time.
- The temperature should be set to "SUPER FRZ.", when you want to refrigerate foods quickly.

Convert Zone

At the touch of button, this fridge can expand its capacity by almost 15%, transforming **Convert zone** into a fridge to fit an EXTRA 91L of fresh groceries With temperature setting from -18 to 7oC, can store vegetable, fruit, fish and meat within the same space.

Temperature Range	Chamber / Function	Usages
0°C~7°C	Refrigerator	Fresh foods & vegetables
-3°C~0°C	Freezer	Frozen foods
-7°C~-3°C	Freezer	Fresh fish and meat
-18°C~-7°C	Super Freezing	Frozen foods meant for long storage

Note!

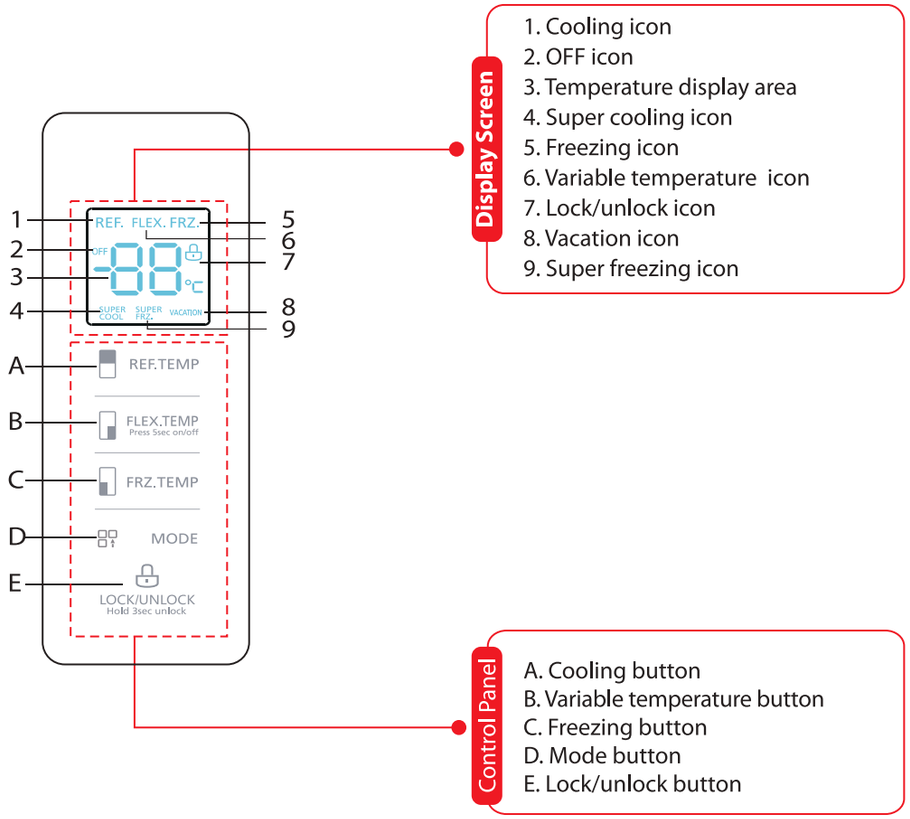
Storage of too much food during operation after the initial connection to power may adversely affect the freezing effect of the refrigerator. Foods stored shall not block the air outlet; or otherwise the freezing effect will also be adversely affected.

Note!

The product line chart is for reference only, please refer to real product as standard.

User Interface Control Panel

Refrigerator's Touch Control Panel GR-RF646WE-PGI(24)
Touch the buttons with your hand when using each function.



Display Screen

1. Cooling icon
2. OFF icon
3. Temperature display area
4. Super cooling icon
5. Freezing icon
6. Variable temperature icon
7. Lock/unlock icon
8. Vacation icon
9. Super freezing icon

Control Panel

A. Cooling button
B. Variable temperature button
C. Freezing button
D. Mode button
E. Lock/unlock button

NOTE!

- The chart is for reference only, Please refer to real product as standard.

Safety & Precautions

All instructions described should be carefully read and followed.
— These instructions are precautions to prevent the risks of serious injury or death of the user, and any damages to property.

PROHIBITED!

PROHIBITED! indicates prohibited actions.
Detailed instructions would be indicated on the inside of the circle or around the symbol in figures or in writing.

IMPORTANT

IMPORTANT indicates mandatory actions.
Detailed instructions would be indicated on the inside of the circle or around the symbol in figures or in writing.

CAUTION

CAUTION Recommends to take precautions.
Detailed instructions would be indicated on the inside of the triangle or around the symbol in figures or in writing.
CAUTION indicates a high possibility of injury (*2) or property loss (*3).

WARNING

WARNING indicates high possibility of serious injury (*1) or death of the user.

R600a

Warning: Risk of fire/ flammable materials.
This appliance contains flammable refrigerant R600a : iso-butane



NOTE

(*1) Serious injury - injury which requires hospitalization, lengthy treatment, or blindness, hot and cold skin burn, electric shock, broken bones or poisoning.
(*2) Injury-injury, skin burn or electric shock which does not require hospitalization or lengthy treatment.
(*3) Property loss-extended loss of houses, furniture, domestic animals or pets.

Safety Instructions

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.



Children should be supervised to ensure that they do not play with the appliance.

Prohibited



Children should be supervised to ensure that the refrigerator should be used properly.

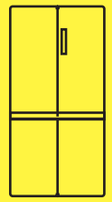
Warning



Prohibited

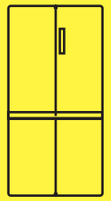
Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

Prohibited



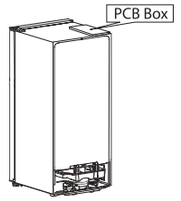
Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

Prohibited



Do not damage the refrigerant circuit.

Prohibited



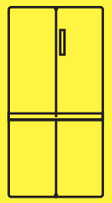
In case the refrigerant circuit is damaged, do not use any electric appliances or fire equipment nearby, and open all windows to provide good ventilation.
Please also contact your local maintenance agent to follow up.

Warning



The refrigerator system behind and inside the refrigerator contains refrigerant.
Do not allow any sharp objects to come into contact with the refrigeration system.

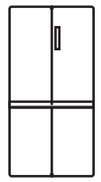
Prohibited



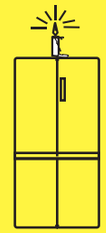
Safety Instructions

Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

Prohibited



Do not store explosive substances such as aerosol cans with a flammable propellant In this appliance.



When disposing the refrigerator.
• Do not leave in places where children play.
• To protect little children from dangerous confinement inside the refrigerator, remove the door packing so that the door can not be closed airtightly.
• Please contact with environmental protection unit to deal with discard insulation blowing gas and flammable refrigerant.

When the LED light is blown.
Please contact the service agent approved by TOSHIBA for replacement.
The LED light should only be removed by qualified service personnel.

Warning



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.

Warning



When positioning the appliance, ensure the supply cord is not trapped or damaged.

Prohibited

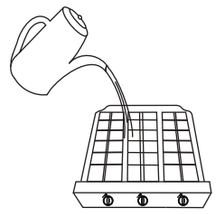


Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

Warning



For Ice making fill the ice trays with potable water only.



Safety Instruction

Disconnect the power plug while cleaning. May cause injury and electric shock. Dry your hands thoroughly before handling the power plug.



Disconnect plug

Carry out regular check on outlet and power supply cord of the refrigerator.
Rats, cockroaches etc. may cause damage to them, which leads to short circuit or electric shock.

Warning



Please do not disassemble and assemble the refrigerator on your own. It may cause fire, electric shock, injury or skin burn; for all services not described in operating instruction please contact Toshiba Call Centre.

No dismantling



Regularly clean the power plug to remove dust & dirt to avoid contact failure.



Operations

Secure the door closed. Make sure that the door has been closed properly without any gaps between the frame and rubber packing on the door which might be caused by containers inside.
-Align the container stored in the compartment not protruded from the edge of the shelf.

Secure the doors closed

Do not put your hands or feet under the refrigerator and machine room.
Steel plates and the kinds may cause injury.



Do not touch

Remove water droplets, frost (icing) or dew attached in the inner compartment. A water drop, frost (icing) or dew attached to the inside of the refrigerator will disappear by itself in a few days. Or it can be taken away manually by wiping with a dry cloth after wiping off with a warm water moistened cloth.

Dispose dew and frost

Do not store water in the ice box for ice making, this may cause it to break. Drain off remaining water in ice box when electric shutdown or plugging off.



Prohibited!

Disconnect power supply by unplugging the power plug in case of malfunction or breakdown. Continued use of appliance may cause fire, electric shock, injury or skin burn. Contact Toshiba Call Centre for service

Pull out the plug

Do not leave the door opened for a long period of time and/or do not frequently open and close the door in short intervals. This will result in warm air circulating in the room to enter the compartments and invoke poor cooling.

Do not open the door for a long period

Do not store bottles in the freezing unit. Bottles may break when the contents are frozen, and may cause injury.



Do not store

Users are not advised to changed the plug on their own. If required please contact Toshiba Call Centre.

Prohibited

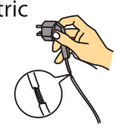


Do not use if the power cord is damaged or frayed, or if the power plug has loose connection. This my cause fire or electric shock.

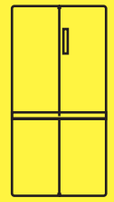
Do not use

Safety Instruction-Operations

Please do not damage power flexible cord & Power plug to avoid electric shocks, short circuit and fire. Binding, bending, pressing with heavy objects or applying pressure with the back panel of the refrigerator on the cord and plug may cause fire or electric shock.



Do not touch the freezing unit or ice with wet hands.
It may cause frostbites on your fingers



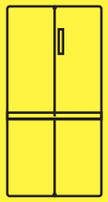
Do not touch with wet hands

Do not eat any food which has changed color or gives out strange odor.
These food may cause food poisoning or illnesses.



Do not eat spoilt food

Use the handle when closing the refrigerator door.
You may accidentally hurt your fingers / hand while closing the door.



Use the handle

Please don't pull out or insert the plug with wet hands to avoid electric shock.
Do not pull the electric cord while taking out the power plug.

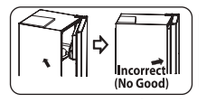


Wet hands are prohibited

When gas leakage is nearby, do not unplug or touch the refrigerator, keep ventilation opening. Otherwise an electrical spark caused by the above action my cause fire, explosions.



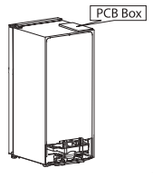
Warning



Ensure the doors are closed properly.
Ensure that food inside do not block the door.

CAUTION:
- Poor Cooling Slow Ice Making
- Icing or frosting in Freezer Room
- Water Dropping in Refrigerator Room

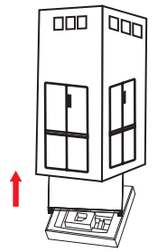
■ **Switching off your refrigerator when not using.**
if your switch your refrigerator off when your going away for an extended period, remove all food, clean the interior thoroughly. Remove the power cord plug from the power socket and leave all doors open.



1 Unpacking the Refrigerator

WARNING

- Packing material (e.g. Films, styrofoam) can be dangerous for children.
- There is a risk of suffocation. Keep packaging materials away from children.



. Remove the cardboard box and styrofoam packing.
2. Lift the refrigerator and remove the base packing.
3. Remove the tape securing the power supply cord

2 Installation Area

WARNING

- Even and flat surface should be selected for stable and trouble free operation of the refrigerator
- Once the refrigerator is in its final position, do not move it unless necessary to protect the floor. If you have to, use a thick paper or cloth such as old carpets along the movement path.

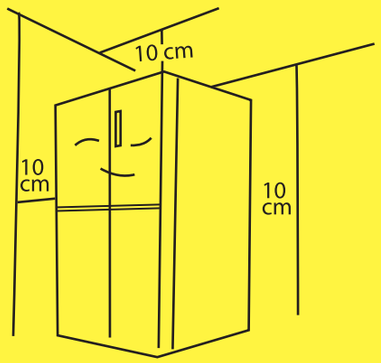
Make sure installation is done at:

1. Rigid, dry and leveled surface.
2. Avoid direct sunlight.
3. Sufficient ventilation.
4. Suggested Temperature range: between 10°C and 43°C.
5. Keep it far away from heat sources such as coal or gas.
6. Solid, level surface without carpeting or flooring that may obstruct ventilation
7. The surface to install the refrigerator must support a fully loaded refrigerator, or approximately 100 kg.

■ Installation position for refrigerator.
Avoid any humid or wet place, for example, the neighborhood of a kitchen sink. Such a place could cause corrosion or electric leakage in the refrigerator. If installed directly on the ground, your refrigerator will be liable to damage. Place a board under the refrigerator in such a case.

■ Keep the refrigerator away from the sunlight, a gas range or heater.
Placed in the sunlight or near a heat emitting object, the refrigerator will have its cooling effect reduced and a failure might be occurred.





Location that is easy for ventilation shall be chosen to facilitate heat dissipation, enhance its performance and reduce the energy consumption.

■ When you open the door of the refrigerator, there may be a smell of plastics. This signifies nothing unusual.

■ Be careful before moving or installation.
if you have moving or installation, maybe impact around PCB Box at rear side which have a damage to refrigerator.

INFORMATION

- **Heat Generation by the Compressor**
  The refrigerator compressor will generate heat during normal operation. Note that this is not a malfunction.
- **Heat on Refrigerator Walls**
  The condenser is build on the outer shell and radiates heat into the room air.
  The temperature of the outer shell may reach high temperature during normal refrigerator operation. This is not a malfunction.
- **Refrigerator Operation**
  When the power is first turned on or ambient temperature becomes high, it may happen that the refrigerator surface getting warm or noise from the compressor. When the refrigerator enters stable state, it will run normally.

3 Checkpoint while doing installation

Lift from the bottom of the refrigerator when moving. If you do not hold this designated position, your hands may slip, which may lead to injury.



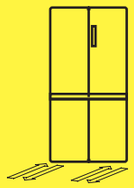
Hold designated positions

Do not place any heavy objects or liquid containers on the refrigerator. Spillage may affect the electric insulation, and cause fire or electric shock. Falling objects may also cause injury.



Prohibited!

Please be careful.
If you drag a refrigerator, it may cause scratch to the floor.



Move carefully

Please do not install the refrigerator in damp & rainy environment to avoid electric shock, fire, faults & distortion accidents.

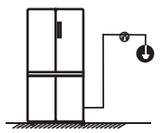


No dampness

The warning labels mentioned above should be kept throughout the life of the refrigerator. The user manual should be handed over to any person who would use or handle the refrigerator whenever the refrigerator would be transferred to another location and delivered to a recycling plant.

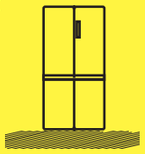
Warning

Make sure the earthing line of socket is connected to earth to prevent any electric shock or accident caused by leakage of current. (earthing)



Earthing

Install on a strong and even floor.
The refrigerator may overturn if set on uneven or unstable surface, which may lead to injury.



Install on level surface

Installation

Levelling the Refrigerator

WARNING

1. Before levelling of the refrigerator please ensure that refrigerator is disconnected from power
2. Before adjusting the level of refrigerator, precautions need to be taken to prevent any personal injury.
3. Install your refrigerator on a strong and level floor. Turn the adjustable leg and stabilize the refrigerator horizontally.

Procedures for levelling feet :

1. Turn the feet clockwise to raise the refrigerator;
2. Turn the feet counterclockwise to lower the refrigerator;
3. Adjust the right and left feet based on the procedures above to a horizontal level.

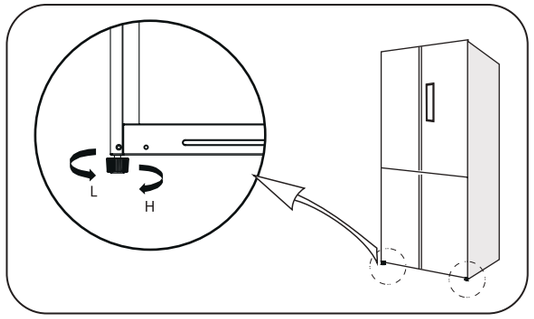


Figure 1. Schematic diagram of the levelling feet.

Levelling the Refrigerator Door

1. Raise the lower door up to the level of the higher door.
2. Insert the supplied fastener-ring by using plier in the gap between the hinge-grommet and the lower hinge. The number of fasten-rings you will need to insert depends on the gap.

List of tools to be provided by the user	
	Plier

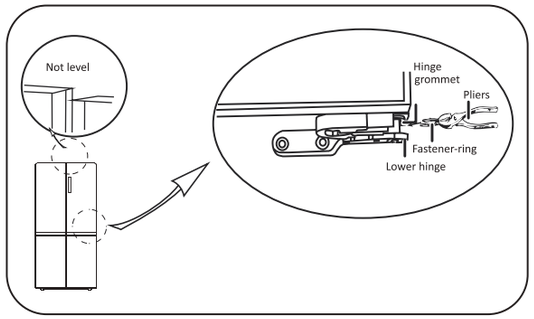


Figure 2. Schematic diagram of levelling the door body.

NOTE

Information in the Instruction Manual is only for reference.
(Figure 1 and 2 are only for reference.
The actual configuration will depend on the physical product.)

Operation: How to use your refrigerator correctly and effectively

Display Panel

- **First Time Operation**

On the first operation (When the refrigerator power on for the first time) , the display screen will illuminate for 3 seconds.

There will be buzzer sound then the screen enters the normal display of the operation and there will be default set temperature of cooling compartment which will be displayed on the panel.

If there is no button operation on display panel or door is not opened, the display panel will lock itself automatically, the display light will dim out in case lock state continued for 30s.

Default Temperature Setting	
Cooling Compartment	5°C
Convert Zone CONVERT ZONE	-18°C
Freezing Compartment	-18°C

Note!

In the case of error, the display shows the error code (see trouble shooting section); If no error, the display screen shows the set temperature.



Locking / Unlocking of Display Panel

- In the unlock state, long press the lock button LOCK/UNLOCK Hold 3sec unlock for 3 seconds, the display panel will enter the lock state, Beep sound indicates that panel is locked and no button will work
- In the lock state, long press the lock button LOCK/UNLOCK Hold 3sec unlock for 3 seconds, the display panel will enter the unlock state, Beep sound indicates that panel is unlocked and normal button operation can be done

Temperature setting of cooling compartment

- Press temperature setting button of the cooling compartment REF. TEMP to set the temperature
- Each press will drop the set temperature by 1°C.
- The temperature setting range of cooling compartment is 2~8°C.
- When the set temperature is 2°C. pressing the button again will set temperature of cooling compartment to 8°C.

Temperature setting of freezing chamber

- Press temperature setting button of the freezing compartment FRZ. TEMP to set the temperature.
- Each press will drop the set temperature by 1°C.
- The temperature setting range of freezing compartment is -24~16°C.
- When the set temperature is -24°C. pressing the button again will set temperature of variable compartment to -16°C.

Temperature setting of Convert Zone

- Press temperature setting button of the variable temperature compartment FLEX.TEMP Press 5sec on/off to set the temperature.
- Each press will drop the set variable temperature by 1°C.
- The temperature setting range of variable temperature compartment is -18~7°C.
- When the set temperature is -18°C. pressing the button again will set temperature of variable compartment to 7°C.



Turn on/off Convert Zone

In ON-state of variable temperature compartment, long press the button FLEX.TEMP Press 5sec on/off for 5 seconds, until three times of buzzing sounds, then the variable temperature compartment is turned off. In this moment, temperature display area of variable temperature compartment shows "--","OFF";

In OFF-state of variable temperature compartment, long press the button FLEX.TEMP Press 5sec on/off for 5 seconds, until three times of buzzing sounds, then the variable temperature compartment is turned on and temperature display area of variable temperature compartment shows"00".

Mode Setting

Your refrigerator has three different modes for your convenience and efficient use The four modes are a) Super Cooling b) Super Freezing c) Super Cooling and Super Freezing d) Vacation Press mode button **MODE** to select different control modes. Control mode is cycled according to the following sequence:

Super cooling→super freezing→super cooling and super freezing→vacation→ none→ super cooling.

Mode 1 : Super Cooling mode

When super cooling mode SUPER COOL is set, the temperature of cooling compartment will be automatically set at 2 °C;
Exit super cooling SUPER COOL mode, the temperature of cooling compartment will automatically go back to temperature set before super cooling mode.

Mode 3 : Vacation mode

When vacation mode is set, the cooling compartment will be turned off and temperature of freezing compartment will set at -18°C.

Mode 2 : Super Freezing mode

When super freezing mode SUPER FRZ. is set, the temperature of freezing compartment will be automatically set at -24 °C; Exit super freezing SUPER FRZ. mode, the temperature of freezing compartment will automatically go back to temperature set before super freezing mode.

Time Setting of Super Freezing mode

After setting the super freezing SUPER FRZ. mode, long press the freezing\ temperature adjusting FRZ. TEMP button for 3 seconds, the display shows "6", which means the time of super freezing has been set at 6 hours, when short press freezing temperature adjusting button FRZ. TEMP again, the display screen shows "48", which means the time of super freezing has been set at 48 hours. When super freezing time is out, it will automatically exit super freezing mode.

Operation: How to use your refrigerator correctly and effectively

Control Panel : Operating Instructions

- **Normal Operation**
  Normally set the temperature in refrigerator compartment between 5°C to 7°C. If the refrigerator does not seem cold enough, change the temperature to lower temperature setting, if it seem too cold, change the temperature closer to 8°C.
- **Food may freeze in the refrigerator compartment**
  When the ambient temperature decreases excessively such as in the winter, set the refrigerator Control near to 8°C to prevent from food freezing. Food the has a high moisture content (e.g., tofu, vegetables) may freeze when it is placed at the back of the refrigerator compartment.
- For the freezer, when storing ice cream, the temperature should be set between Middle position and -24°C of the Freezer Control.
- Changing the refrigerator compartment temperature control also varies the temperature in the vegetable crisper.
- Do not obstruct the outlet and inlet of the cooled air circulation with food or containers, otherwise the food will be frozen or will not be cooled consistently throughout refrigerator.

Opening warning and alarm control

When the refrigerator doors get open, the opening music will play.
If the door is not closed in two minutes, the buzzer will sound once every minute until the door is closed.
Press any button to stop the buzzer alarm.

Additional tips in case of power failure

- In the event of a power failure, call the local office of your power supply company and ask how long the failure is going to last.
  -Generally most power failures are corrected in an hour or two and will not affect your refrigerator temperatures. However, you should minimize the number of door openings while the power is off.
  -Should the power failure last more than 24 hours, remove and discard all frozen food.
- The refrigerator might not operate consistently (frozen contents can thaw or temperatures can become too warm in the frozen food compartment) if kept for an extended period of time in a location where ambient air temperatures are constantly below the temperatures for which the appliance is designed.
- In case of particular foods, keeping it under refrigeration can have a bad effect on preservation due to its properties.
- Your appliance is frost free, which means there is no need to manually defrost your appliance. This will be carried out automatically.
- Temperature rise during defrosting complies with ISO requirements. If you want to prevent an undue rise in the temperature of frozen food while the appliance defrosts, wrap the frozen food in several layers of newspaper.
- Do not re-freeze frozen foods that have thawed completely.

Self-defrosting

This refrigerator is self-defrosting, eliminating the troublesome chore of manual defrosting. Any frost which forms on the evaporator (externally invisible) is automatically removed by the time-controlled heater.

Periodic Maintenance

To ensure the maximum life of your Toshiba Refrigerator, periodically clean its parts. (For proper instructions, read the following directions carefully) When cleaning them, be sure to pull out the refrigerator's plug from the power socket and be careful not to pull the cord or get it caught under the machine.
Do not pour water directly on the refrigerator.

Outside Surfaces Polish them with a soft rag. A heavy stain should be wiped off with a rag soaked in a natural detergent. The door handle should be wiped with a dry cloth (Using cleanser solution will cause the external finishes to change colors and scratch).

Door Packing The packing on the doors will be short-lived if stains are not removed. Occasionally, inspect the packing on the doors, and remove any stain with a nature detergent.

Interior Plastic Units If they are stained or have any odor, the interior plastic units should be cleaned with a natural detergent. When smeared with salad oil or other cooking oil, the interior plastic unit may crack. Wipe such smears off.

Operation: Deodorizer

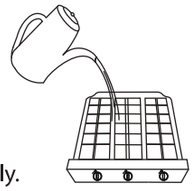
Deodorizer: Plasma Pure

This deodorizing unit is built into the cold air passage (the unit can not be seen) to effectively remove unpleasant odors from the compartments.



Instruction: Ice making

How to make ICE



Important Tips

- Fill with potable water only.

1. Fill the ICE Tray with water up to the water level line.
   If the water exceeds the water level line, it will freeze over and becomes hard to remove.
2. To remove ice twist the lever as shown in the figure.
3. Do not use bleach, cleanser, hot water, a scrubbing brush, thinner, benzene, etc.
   (Such materials can cause smell and damages.)

Trouble Shooting for Ice making

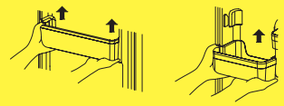
When	Check
The ice is not made.	• Is there any water inside the tray? • Does it occur after the refrigerator starts the operation? If the refrigerator is not cold enough, it will take time to make ice. (Especially, when the outside temperature is rather high, it may take more than 24 hours to do. • Is the food stored in the ice box inside the freezer?
There are few ice cubes.	• Is the door often opened or leave opened for a long time? If the temperature inside the freezer increases, the ice may not be made. (This will affected during summer.) • Is the door completely closed?
The ice is smelly.	• Has the water remained in the ice tray for a long time? If the ice cubes are not used, there will be some water remaining in the tank for a long time and the cubes will absorb the door of the food. • Are the smelly water or beverages other than the chlorinated water supply filled in the ice tray • Is the stinking good stored inside the freezer?
The ice melts. The ice cubes stick.	• Is the door often opened or leave (freezing compartment) opened for a long time? • Is the ice box removed from the freezer for a long time? • The power plug may be disconnected or there is power failure. • Has the ice been kept for a long time? The ice cubes may melt and stick together.
The ice cubes are round.	• Has the ice been kept for a long time? The ice cubes may return round.
The ice is contaminated with some particles or white stains.	• If the ice is made from water contained much minerals (e.g. mineral water), such minerals can cause some white stains (calcium crystals) contaminated in the ice cubes. However, this does not deteriorate your health.
The ice cubes are broken.	• The ice may break a little when ejected from the ice maker tray.
There is some water near the area of ice tray.	• Is the water filled over the "Water Level" line. If the amount of water is over the line, the water may spill over when the tray is being filled.

Maintenance / How to remove accessory parts

The accessory parts can be easily removed as explained below for easier cleaning. Only the removal steps are explained here. Replace each part in reverse order. For part removal, open the door fully.
Precaution: Please beware of dangers from falling objects while removing and assembling.

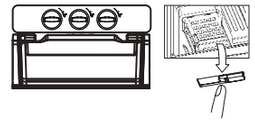
Pockets

Lift up and pull towards you.



Twist Ice Tray

The twist ice tray of this refrigerator is installed as shown in the figure. The assembling steps are explained here.



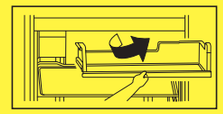
Refrigerator/Freezer Shelf

Open the door until limit wide before removal. Lightly lift up the shelf then pull it out downward.



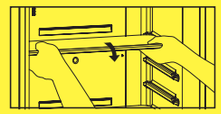
Refrigerator Drawers

Pull out the drawer until it stops then lift it up and pull out. Be careful, the drawer may slip out of your hands due to its weight.



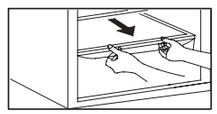
Glass Shelf

Pull out the shelf until it stops while lifting it slightly. Then pull it out downwards.
Be careful, the shelf may slip out of your hands due to its weight.



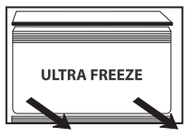
Crisper Shelf

User should remove the vegetable crisper first.
Pull out the shelf until it stops while lifting it slightly. Then pull it out downwards.
Be careful, the shelf may slip out of your hands due to its weight.



Vegetable Crisper

User should remove crisper as the direction in the figure. Open the door until limit wide over 90 degree before removal Pull out the vegetable storage until it stops and lift slightly, and then pull it outward.



LED Light Replacement

When the LED light is blown, please contact the Toshiba Call Centre.
The LED light should only be removed by qualified service personnel.

Maintenance

Cautions for Operation

When Moving and Transporting

- Firstly, remove the food.
- Put a piece of big cloth under the refrigerator, and lean the refrigerator backwards to remove water from drain pan. (as figure 1)

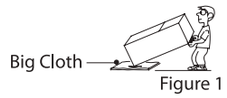


Figure 1

- When carrying, hold the positions shown as figure 2 (Never hold by the door or the handle.) -Please lift from the bottom of the refrigerator when moving.

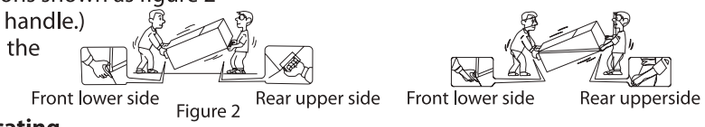


Figure 2

When Transporting while relocating

- Do not lay the refrigerator on its side. Doing so may cause it to malfunction.

After disconnecting the plug from the outlet, wait at least 8 minutes before reconnecting it.

- If the plug is quickly reconnected, the compressor may not run properly and produce a rattling noise.

Fault indication

The following warnings appearing on the display indicate corresponding faults of the refrigerator. Though the refrigerator may still have cold storage function with the following faults, the user shall contact a maintenance specialist for maintenance, so as to ensure optimized operation of the appliance.

Error Code	Error Description
E0	Icemaker error
E1	Temperature sensor detection circuit error of refrigerating chamber
E2	Temperature sensor detection circuit of freezing chamber
E5	Freezing defrost sensor detection circuit error

Error Code	Error Description
E6	Communication error
E7	Circulation of ambient temperature sensor detection circuit error
EE	Icemaker sensor circuit error
EH	Moisture sensor error

Troubleshooting

Occurrence	Possible cause / inspection items
Failed Operation	• Check whether the appliance is connected to power or whether the plug is in well contact • Check whether there is a power failure or partial circuits have tripped
Odour	• Odorous foods shall be tightly wrapped • Check whether there is any rotten food • Clean the inside of the refrigerator
Long-time operation of the compressor	• Long operation of the refrigerator is normal in summer • It is not suggestible having too much food in the appliance at the same time • Food shall get cooled to room temperature before being put into the appliance • The doors are opened too frequently
Light fails to get lit	• Check whether the refrigerator is connected to power supply and • Have the light replaced by a specialist

Troubleshooting

Occurrence	Possible cause / inspection items
Doors cannot be properly closed	• The door is stuck by food packages Too much food is placed • The refrigerator is tilted
Loud noise	• Check whether the floor is level and whether the refrigerator is placed stably • Check whether accessories are placed at proper locations • Are there any trays or dishes around the refrigerator? • Is the refrigerator installed unstably or does it touch the wall?
Door seal fails to be tight	• Remove foreign matters on the door seal • Heat the door seal and then cool it for restoration (or blow it with an electrical drier or use a hot towel for heating)
Water pan overflows	• There is too much food in the chamber 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 the housing, which is normal • When housing becomes hot due to high ambient temperature, storage of too much food or shutdown of the compressor is shut down, provide sound ventilation to facilitate heat dissipation
There is moisture and flake inside the refrigerator.	• Is the door frequently closed and opened or left opened for a long time? • Is there any food with high moisture stored uncovered in the refrigerator? If there is moisture and flake inside the refrigerator, wipe it off with a dry cloth. • Has food with a high moisture content been left uncovered in the refrigerator? If moisture forms inside the refrigerator, wipe is off with a dry cloth.
Abnormal noise	• Buzz the compressor may product buzzes during operation, and the buzzes are loud particularly upon start or stop. This is normal. Creak: Refrigerant flowing inside of the appliance may produce creak, which is normal.
The refrigerator is not cold at all.	• Is the refrigerator plugged into the socket properly? • Has the fuse for your house's electricity supply blown, or has the circuit breaker shut off?
The refrigerator is not cold enough.	• Is the temperature control dial set to "MIN"? • Is the refrigerator placed in direct sunlight or near a stove and a heater? • Is the door closed properly? • Is the door being opened and closed too frequently in short time? • Has anything hot been placed in the refrigerator? • Is the refrigerator overloaded? • Is there any sufficient air circulation around the refrigerator? • Has the electricity supply been shut off?
Food stored in the refrigerator compartment freeze.	• Is the temperature control dial set to "MAX"? • Is the surrounding temperature lower then 5°C? • Did you placed the food contained high moisture at the rear of the compartment? Such area can cause freezing.
There is moisture and flake inside the refrigerator.	• Is the door frequently closed and opened or left opened for a long time? • Is there any food with high moisture stored uncovered in the refrigerator? If there is moisture and flake inside the refrigerator, wipe it off with a dry cloth. • Has food with a high moisture content been left uncovered in the refrigerator? If moisture forms inside the refrigerator, wipe is off with a dry cloth.

CAUTION: Dewing on refrigerator compartment

- Please wipe off the dews by using dry clothes to prevent the accumulation.
- To prevent the excessive dews in the compartment, please pay attention.

Do not open the door often in a short interval.
Do not leave the door opened for a long period.
Please ensure the door is closed properly.
(*) Due to colder cooling air duct in compartment, dewing may be generated on duct surface by invasion of outside air when opening the door or water evaporation from food kept in the compartment.
(*) This dews will disappear naturally while keeping the door closed continuously. Please wipe off it by dry clothes while you care to take the dews out.

Energy Saving

Guidance for Energy Saving

1. Keep ventilation openings, in the appliance enclose or in the built in structure, clear of obstruction.
2. To get the most efficient use of energy for this refrigerator, the interior part such as shelves, crisper, pockets should be set following to its position mention in this instruction booklet.
3. Leave space around the refrigerator.
   - Provide at least 10 cm (4 inches) at top, 10 cm (4 inches) at rear side and 4 cm (1.6 inches) on the left and right. Leave space around the refrigerator. (GR-A28)
   - Provide at least 30 cm (12 inches) at top, 10 cm (4 inches) at rear side and 5 cm (2 inches) on the left and right.
4. Use in a cool place. 5. Keep the refrigerator away from the sunlight, a gas range or heater.
6. Do not obstruct the outlet and inlet of the cool air circulation with food or containers, otherwise the food will not be cooled consistently throughout refrigerator. 7. Do not put in too much food. Should provide enough space for internal cool air circulating.
8. Do not set the temperature of refrigerator lower than needed.
9. Hot food should be cooled before storing. 10. Open your refrigerator door as briefly as possible.

E-waste Management Guidelines

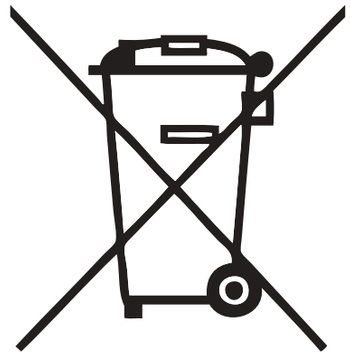
PERTAINING TO THE E-WASTE RULES

Proper Handling and / or Recycling of the Refrigerator

Under the E-Waste (Management) Rules, 2016 (hereafter referred to as the "E-Waste Rules"), it is incumbent for all consumers, including the purchaser of this refrigerator, to properly recycle and dispose of all electrical and electronic equipment through authorized recyclers.
E-Waste has been defined as "waste electrical and electronic equipment, whole or in part or rejects from their manufacturing and repair process, which are intended to be discarded".
E-Waste contains various hazardous materials like lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and polybrominateddiphenyls ethers.
Hence, improper handling and disposal of e-waste releases these hazardous material in the environment causing pollution, contamination of soil and water and various health hazards.
Through, the product purchased by you is ROHS complaint & does not contain any hazardous material above the prescribed limit under the E-Waste Rules, it is imperative that the product should be handled with utmost caution and as per the guidelines mentioned in this manual including the following Do's and Don'ts:-

Do's	Dont's
Hand over the E-Waste to the Company / Authorised recycles.	Never sell the E-waste to any unauthorized agencies, scrap dealer/kabadiwalahs.
E-Waste should never be thrown in household bins.	Never throw E-Waste in bins as part of household waste.
Keep the product in isolated area, after it becomes non- functional / un-repairable so as to prevent its accidental breakage.	Never Keep E-Waste in open and exposed area, accessible by all.
The product should not be opened by the user himself/herself, but only by authorised service personnel.	Never open/dismantle any E-waste on your own.

E-waste Management Guidelines



The above marking/symbol on the product or carton indicates that the product and its accessories/parts (e.g. remote controller, batteries, spare parts etc.) should not be disposed off with other household waste at the end of their working life.
Please separate these items from other types of waste and recycle them responsibly for conservation of the environment and collective well-being.

E-Waste Recycling Program

We have tied up with government approved E-waste recycler for facilitating the collection of E-waste from our channel partners and customers for recycling. You are simply required to call our toll free number **1800 1039 119** and register your request for collection of E-waste. Once your request is received, the representatives of the authorized recycler would collect the E-waste from your house/premises after paying the value of the same to you. For more details and information on our E-Waste Recycling Program kindly visit our website.

Product Warranty Terms & Conditions

(Refrigerator Freezer)

CARRIER MIDEA INDIA PRIVATE LIMITED (hereinafter referred to as the "Company", hereby warrants to the original domestic purchaser (here in after called the "Purchaser") of the product (as detailed within the Warranty Registration Card and here in after referred to as the "said unit") that the said unit is free from defects in materials and workmanship under normal use and service and under specified voltage conditions, and that during a period of twelve (12) months commencing from the date of invoice, as provided in the Warranty Registration Card, the Company undertakes to repair or to replace as it deems fit in sole discretion, free of charge, any part or parts of the said unit (including accessories) which proves to be defective in materials or workmanship.

CONDITIONS OF WARRANTY

1. The warranty shall be valid and that the Purchaser can have the benefit of this warranty, if and only if the Purchaser has duly intimated the fault to the Company or its authorized dealer and that the unit in the possession of and is used by the Purchaser.

2. The Warranty will shall be valid only for the said period as specified above, irrespective of whether the said unit has been in use or not for any reason whatsoever, or the unit is moved from one location to another. The warranty period specified above shall include time taken for repairs, replacement, testing of unit, technical breakdowns, transit time etc. This warranty shall automatically expire by efflux of time on completion of the period indicated herein above and no notice of such expiry will be given by the Company.

3. This warranty shall stand automatically terminated in the event of the said unit being serviced, repaired, installed, de-installed, re-installed or otherwise attended to by and person or organization or agency or by the Purchaser himself (by whatever name called), other that the authorized representative / Dealer of the Company.

4. Extended Warranty (Applicable on select Model):
1) (4 or 9) years (depending on models) additional warranty on Compressor will continue even after the expiry of 1 year basic warranty period from the date of purchase. This warranty covers Compressor only. Gas/Gas Charging will be charged to the customer. Gas charging is included only when compressor is defective & inoperative. During the additional warranty period, it does not cover any part such as condenser, freezer, capillary, suction line, overload protector, relay, thermostat etc. Standard visiting charges will be applicable within the municipal limit of town where company has its Authorized Service centre. Service outside municipal limit will attract to and fro traveling, other incidental expenses in addition to standard visiting charges, as prevailing policy from time to time. During the warranty period, only the parts replaced or repaired shall be free of costs, but service charges shall always be payable by the customer.
2) If any colored internal or external components are replaced, there will be commitment to ensure that the shades match with the original or other components. The replaced shades, patterns, tints may vary from the customer's unit due to continuous usage of the unit. Any matching components changed at customer's request will be on chargeable basis except the component which is actually needed.
3) Special Warranty or Extended Warranties for certain parts of products (Compressor) does not include labor, only parts.

5. For attending any service call under this warranty beyond the Municipal limits of the locality in which the authorized representative / dealer is situated (outstation locations), all to and fro traveling and other incidental expenses as prevailing from time to time incurred in connection with the visit of the service personnel, technicians etc., shall be borne by the Purchaser and shall be payable in advance. Additionally, all expenses incurred by the authorized representative / dealer in collecting the unit or any part thereof from such outstation locations and its return to the original location shall be borne exclusively bye the Purchaser.

6. Any damage / fault caused due to sabotage, improper handling or treatment, carelessness, accident, fire, flood, earthquake or any act of God, or any corrosive action on the original fitting, valves etc. for whatever reason, shall not be covered under this warranty.

7. While the Authorized Dealers / Company will make every effort to carry out repairs / replacement of parts under this warranty as soon as the complaint is received, it is expressly made clear that the Authorized Dealer / Company shall not be liable to do so within any specified period of time.

8. It shall be absolute discretion of the Company to (a) effect the repairs or replacement of parts whether at the site of installation or at any service center; and (b) have the job attended to either by the Company's service personnel or of its authorized dealers. (c) This warranty shall be strictly limited to the repairs or replacement of defective parts specified in the warranty. This warranty shall not cover any consequential of resulting liability. (d) This warranty shall not, in any case, extend towards payments of an monetary consideration whatsoever of replacement or return of the product. (e) The company may repair / supply parts free of cost during the warranty period. This warranty does not cover any Excise Duty, Central or Sales Tax, Octroi and other local taxes or levies on the components / parts. (f) The parts shall be replaced by functionally operating equivalent material only and not necessarily brand new ones and are to be different from the one originally fitted. The parts thus removed shall be taken back by the company. (g) The company reserves the right to retain any part of components replaced at its sole discretion during the warranty period.

Product Warranty Terms & Conditions

9. This warranty is in the nature of and for the purposes as set forth herein above and in particular, the Company shall not in any event be liable for any direct, indirect, incidental or consequential loss or damages to either the said purchaser and / or his property or any other third party in course of attending to any complaint.

10. Limitation of Warranty: Company shall not be responsible for providing any warranty under the following situations:

I. If the appliance is not used in accordance with manufacturer's instruction given in the "User's Manual".
ii. Service engineers visits to place of product installation to teach / instruct on how to use the product.
iii. Noise or vibration that is considered normal for product operations like warning beeps, etc.
iv. Correcting the installation, for example leveling the product, adjustment of door, shelves, door pockets, vegetable tray etc.
v. Normal maintenance which is recommended by the user's manual.
vi. Removal of foreign object / substances from the machine for example grit, nails, buttons etc.
vii. Replace fuses in or correct house wiring or correct house plumbing
viii. If the product is used for commercial purpose, it is not warranted (example :; Public places such as public kitchen, lodging house, dormitory etc).
ix. Any damage caused by accident, mishandling, tampering with installation, or negligent in following instructions of the user manual issued by the Company. If the products has been installed / serviced / repaired / opened or tampered by any unauthorized personnel.
x. Any damage caused by power surges and dips, improper electrical circuit outside the unit or aby any defective electrical supply. If defects arise / caused by accidents, alteration, misuse, substitution of original components with spurious / non-genuine components attacked by household pest/ rodent, fire, flood, earthquake, lighting and / or any other act of God / natural calamities.
xi. At any time, during the period of the warranty, if any part of the unit is tampered with, altered, repaired or serviced by any unauthorized person, not being the authorized
xii. If defects arising with optional accessories like shelves, door pockets, vegetable tray, extended power supply cable, adjustment feet cover, etc. thereof
xiii. The serial number on the unit or any part thereof is damaged, defaced, altered, obliterated, or tampered with or removed for any reason whatsoever.
xiv. Goods(products) that are not distributed within the region of company.
xv. The product is shifted outside india.
xvi. Damage to the product due to operation in an abnormally corrosive alkaline /acidic atmosphere. Product / Parts is found defective if the product is installed / operated in abnormally corrosive alkaline / acidic atmosphere or near muddy sewages because toxic gases are harmful for the product.
xvii. The warranty does not cover any type of painting, plating including rusting etc., or defects thereof.
xviii. Plastic & Glass parts such as shelves, door pockets, vegetable tray etc., are also not covered in warranty.

11. None of the employees and / or Authorized dealers of the Company have the authority whatsoever to vary the terms and conditions of this warranty.

12. This warranty shall be deemed to have been issued at Gurgaon in the State of Haryana, and Courts at Gurgaon shall have exclusive jurisdiction on matters covered by or following from this warranty and the Purchaser alone shall have cause of action arising out of the transaction.

Notes

THIS WARRANTY IS NOT TRANSFERABLE AND APPLIES TO ORIGINAL PURCHASER ONLY. COMPLETE THIS RECORD AND KEEP IT TOGETHER WITH YOUR PURCHASE DOCKET IN A SAFE PLACE. YOU WILL HAVE TO PRODUCE THIS WARRANTY CARD TO AVAIL THE WARRANTY. SHOULD YOU REQUIRE SERVICE UNDER THE TERMS OF THIS WARRANTY, PLEASE CONTACT US.



Warranty Card

TOSHIBA **CUSTOMER COPY**

Invoice No.:_____ Date of Purchase:_____

Customer Name:_____

Address:_____

Product Name:_____ Model No.:_____

Sr. No. of the Unit:_____

Dealer Name & Address:_____

Signature of the Dealer:_____ Dealer's Seal:_____

Carrier Midea India Pvt. Ltd.

TOSHIBA **TOSHIBA COPY**

Invoice No.:_____ Date of Purchase:_____

Customer Name:_____

Address:_____

Product Name:_____ Model No.:_____

Sr. No. of the Unit:_____

Dealer Name & Address:_____

Signature of the Dealer:_____ Dealer's Seal:_____

Carrier Midea India Pvt. Ltd.