

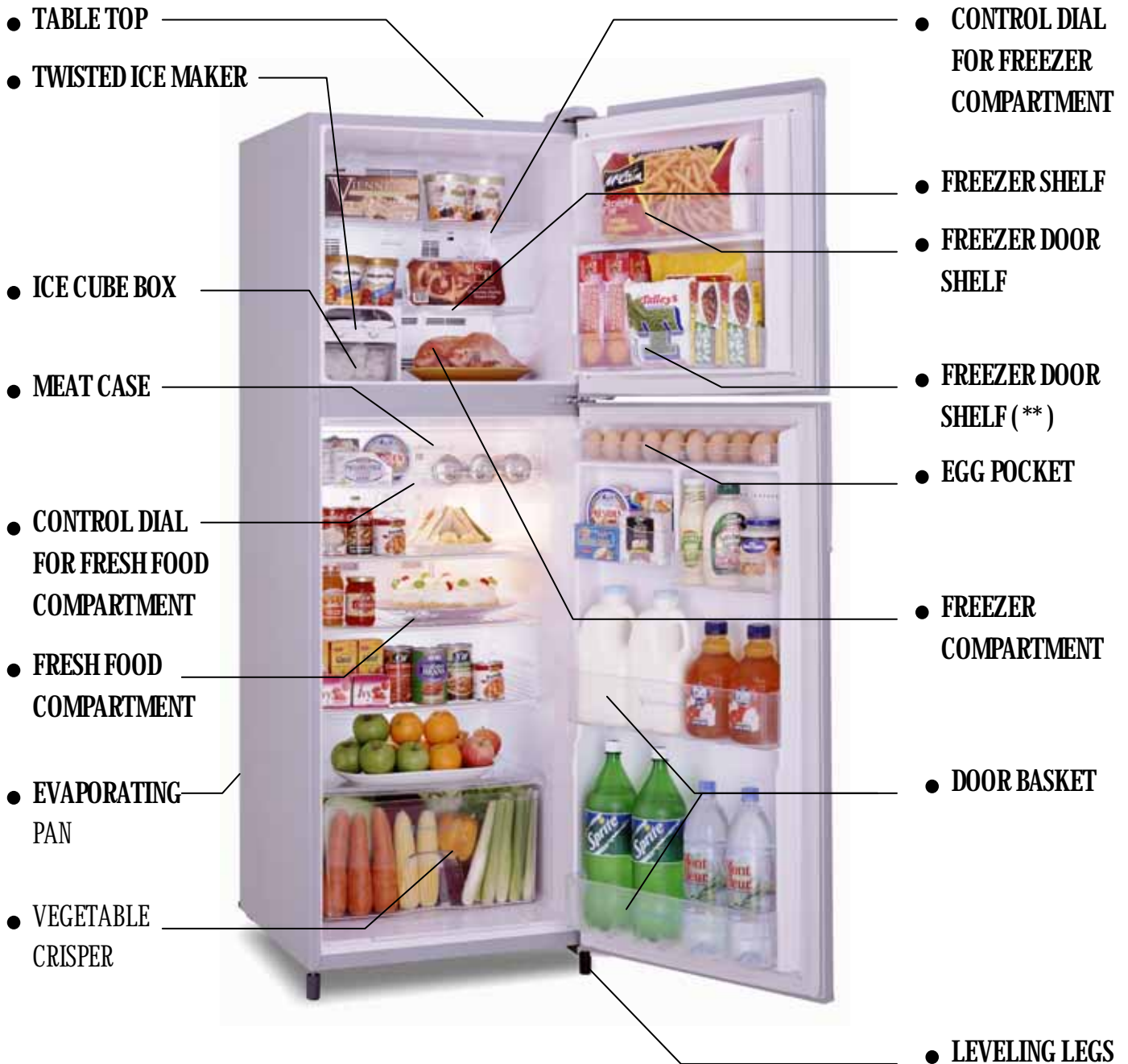
**Use and Care  
Instructions  
for your new  
Hitachi  
Refrigerator**

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**R-240AT3  
R-360AT3**

## IDENTIFICATION PARTS

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## SAFETY SUGGESTIONS

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Suggestions below are very important for refrigerator safety use.

- Plug in refrigerator to the proper wall outlet, properly fused according to its electrical ratings. An individual appliance circuit from fuse box is preferable.
- Do not put volatile chemicals such as ether and benzine in the refrigerator, because there is a possible danger of exploding.
- Do not use inflammable sprays such as lacquer and paint near the refrigerator, because there is a danger of igniting.
- Do not operate the refrigerator in the presence of explosive gas to avoid a fire or an explosion by ignition of the electric contact of the refrigerator.
- Be careful no to splash water on the back of the refrigerator to use it in safety. The insulation of electric parts will be impaired by water.
- The appliance is not intended for use by young children or infirm persons without supervision
- Young children should be supervised to ensure that they do not play with the appliance.

## CAUTIONS FOR OPERATION

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- When your refrigerator is first installed, wait 7 minutes for automatic system starting.
- This refrigerator is not suitable for storing scientific data and medicines
- Do not touch the evaporator because its temperature is very low.
- When you place the heavy appliances on “TABLE TOP” place the board on it to prevent it from being injured.  
Do not place heavy appliances more than 40 kg.
- Be careful not to stress the front overhang of “TABLE TOP”.
- Do not place the heater, roaster, kettle and pot on the plastic “TABLE TOP” because their high temperature will deform it (Temperature limit 60°C).
- When using the heater, roaster and pot on “TABLE TOP” place the board on it to prevent it from being damaged by high temperature.
- Do not touch the back of the refrigerator and the mechanical parts at the back of the refrigerator, because their temperature is high.
- Handle the power cord carefully.  
An impaired power cord will cause troubles such as fire or a short circuit.  
Do not let the power cord touch the hot parts at the back of the refrigerator.  
Do not wind or bundle the power cord. It will overheat.  
When you pull out the power cord from the wall outlet, grasp the plug and pull straight forward. If you pull the cord, the cord and plug will be impaired.
- Wait more than five minutes to re-start the refrigerator after you stop it once.  
(If you plug in the refrigerator immediately after you pull the plug, you may not be able to start the refrigerator)

## INSTALLATION

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- The appliance must be positioned so that the plug is accessible.
- Install refrigerator in convenient location away from extreme heat and cold.
- This refrigerator is designed as a free-standing unit and cannot be built-in. Provide at least 30cm (12inches) over top and 10cm (4inches) at rear and 5cm (2inches) at both sides for proper air circulation. And provide clearances at side so door will open a minimum of 90°.
- Level refrigerator so it rests solidly on the floor without rocking. The leveling legs is located at right and front corner. Turn clockwise to raise the corner, counter-clockwise to lower it.
- Do not let the refrigerator back touch a sink because water splashes are liable to rust.

## INITIAL OPERATION

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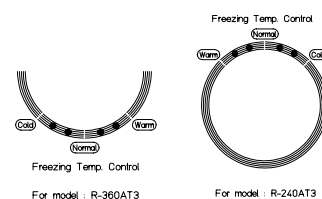
- Place all shelves, all kinds of vessels in their proper positions which have been removed for transportation.
- Clean refrigerator and parts to remove dust incurred in shipping and packing. See “CLEANING”.
- Store food after the temperature in the refrigerator gets sufficiently low.
- It takes a few hours after starting the refrigerator to reach the proper temperature.

## TEMPERATURE CONTROL

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### 1. TEMPERATURE OF FREEZER COMPARTMENT

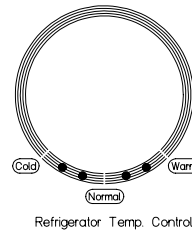
- Set the dial to “NORMAL” for normal use. For most efficient use, adjust the dial according to freezer usage.
  - “COLD” For quick ice-making and food freezing.
  - “NORMAL” For normal use and for storing frozen food for a long time.
  - “WARM” For storing ice cubes and save electricity.
- “COLD” position will lower the inside temperature 2 or 3°C and  
“WARM” position will raise the inside temperature 2 or 3°C.



## 2. Temperature of fresh food compartment

- Set the dial to “NORMAL” for normal use: If the temperature of fresh food compartment is too warm or too cold adjust the dial. It is not necessary for you to re-adjust the dial after you find the proper setting.

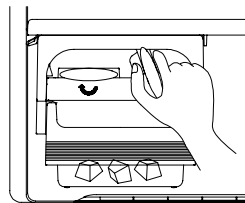
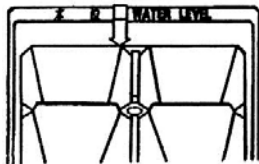
Dial	Use
“WARM”	For a warm temperature
“NORMAL”	For normal use
“COLD”	For a colder temperature



- If you turn the dial to “COLD” the temperature drops and to “WARM” the temperature raises.
- The temperature will change about 1°C by turning the dial 1 notch.

## ICE MAKING

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- Fill the ice tray to “WATER LEVEL” Do not overfill.
- Place it in “ FREEZING CORNER” of the freezer compartment
- To remove ice cubes, twist the ice tray clockwise.
- Do not bend the ice tray or it will crack.
- Store the ice cubes in the ice cubes box. Do not store wet ice cubes or they will stick together.
- Do not use the “ICE CUBE BOX” as an ice maker tray, or it will be damaged.

## FOOD STORAGE

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- Refrigerated air goes down at the rear of the fresh food compartment and rises up at the front. Therefore, store the food stuffs such as fish and meats which require quick refrigeration to the rear of the compartment.
- Leave spaces among foodstuffs to help air circulation.
- Foodstuffs which are easily dried, should be well wrapped with waxed paper, aluminum foil or plastic wrap.
- Wrap fish and smoked meats in moisture-vapor-proof material to prevent transfer of odors.
- Pre-cools hot foods, wrap them with plastic film or put them in the airtight receptacle.
- Wipe of water on the surface of the bottles before storing them.
- When you store juicy food, wrap it with plastic film or put it in the airtight receptacle.
- Be sure not to store bottles such as beer, cokes, etc. in the freezer compartment.
- Do not put vegetables, which are liable to freeze at the rear part of the shelves.
- If planning to keep fresh fish and meats or a long period, wrap them in freezer paper and store in the freezer compartment.

## FROZEN FOODS

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- Store frozen foods in the freezer as soon as possible after you purchase them.
- To thaw frozen food such as fish or meals, place them in the fresh food compartment for several hours before cooking. If you want to thaw food in a hurry, put it in tightly closed plastic bag and leave it under a running faucet.
- As thawing and cooking methods vary according to the kinds of foods, please read the instructions attached to the purchased frozen foods.
- **DO NOT REFREEZE FOODS!**  
Once it has thawed completely, food should not be refrozen. In an emergency, foods may be refrozen if food it still firm and ice crystals remain. However, these foods may lose quality and flavor. Use them as soon as possible for they will not keep as long as fresh frozen.

## **FREEZING CORNER**

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- Make use of “FREEZING CORNER” for ice making and food freezing.
- When you freeze food, wrap it to keep its humidity and flavor before storing it in “FREEZING CORNER”
- Be careful not to freeze bean curds and fresh vegetables, because they are not suitable for freezing.

## **DEFROSTING**

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- You never have to defrost either compartment. The frost on evaporator, which is hidden in back of the freezer compartment, is melted away by the work of defrosting heater automatically.
- The defrosted water was drained into the evaporating pan and evaporates automatically.

## **CLEANING**

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- Removable parts may be rinsed with water.
- For cleaning the refrigerator, wipe the refrigerator with a damp cloth or sponge. Mild soap may be used.
- If soap is used, rinse the refrigerator thoroughly with water and wipe it dry.
- Never use a hard brush, harsh, abrasive cleansers, heavy duty cleansers or solvents, such as paint thinner, benzine, petroleum, soap-powder, hot water, acid, etc., on any surface.
- Water splashed on the refrigerator will damage the insulation of the electric parts or rust the metal parts.
  - (1) Do not splash water on the refrigerator, even when cleaning it.
  - (2) When cleaning electric parts such as “SWITCH” “LAMP” wring the cloth or sponge well.
- Please clean the evaporator pan once a year to keep evaporating efficiency high. Be sure the evaporator pan is in place.
- Don't forget to clean the door gaskets.
- Wipe the door with a dry cloth when it is splashed with enter or it may rust.
- Occasionally remove dust and other particles which may collect at the back of the refrigerator to keep heat radiating efficiency high, For safety, unplug the refrigerator before cleaning.

## **WHEN ELECTRICITY FAILS**

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- Do not open the door if possible. Food may be preserved safely for a few hours even in summer.

## **WHEN YOU KNOW THERE WILL BE A POWER FAILURE**

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- Cool the refrigerator as much as possible by setting the dial to “COLD” position.
- Do not stock the refrigerator.
- Make a lot of ice cubes and put them on the upper shelf in “FRESH FOOD COMPARTMENT”

## **WHEN MOVING**

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- Unplug power cord.
- Remove all foods, defrost, clean interior and wipe dry. Securely fasten removable parts (or remove and package them separately).
- Handle with care; exterior should be protected with blanket covering.
- Do not hold handles nor tubings when carrying the refrigerator.
- Be sure to keep the refrigerator upright at all time.

## **VACATIONNING**

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- If you leave the power on, remove perishables and make sure doors are completely closed.
- If you shut of the house power for extended vacations remove food, defrost and clean interior. Wipe dry and leave door open slightly to prevent formation of odor.
- Oiling is not necessary.

## **WHEN YOU DISCARD A REFRIGERATOR**

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- COMPLETELY REMOVE THE DOORS TO PREVENT CHILD ENTRAPMENT. It takes only a moment with a screwdriver. Do this immediately and have the old unit crated away and destroyed before it attracts a child's curiosity and endangers his life.
- When you want store a refrigerator that will be used again....(1) Remove the door; or (2) use rubber bumpers or wooden blocks to prevent door from closing completely; or (3) chain and padlock or tape door closed.

## WHEN REQUESTING SERVICE

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- Before you call for service, check the following item.
1. The refrigerator does not run.
    - Check the power supply at the wall outlet.
    - Make sure the supply cord is plugged firmly.
    - Check the fuse box for blown fuse or tripped circuit breaker.
  2. Food temperature is too warm.
    - Check the temperature control dial setting see page 3-4
    - Check spaces among the foodstuffs. Overcrowded shelves prevent good air circulation.
    - Make sure the refrigerator is not in direct sunlight. Check the spacing at the top, sides and rear of the refrigerator See in "INSTALLATION" on page 3
    - Check the door opening,-too-frequent and too-long.
  3. Food in the fresh food compartment freezes.
    - Check the temperature control dial setting of fresh food Compartment. See page 4
    - Make sure food storage is proper.
  4. The refrigerator sounds noisy.
    - Check for weak floor.
    - Make sure the refrigerator is installed firmly.
    - Make sure the back of the refrigerator does not touch the wall
  5. Moisture condenses on the exterior of the cabinet:
    - When humidity is too high, the cabinet is liable to sweat. This is the same phenomenon as condensing on a glass of iced tea on a hot summer day. If moisture does not disappear, wipe the cabinet with a cloth.
  6. Moisture condenses in the refrigerator.
    - Have the door been opened often?
    - Is it very humid?
    - Some moisture is normal on humid day.
    - In humid weather air carries moisture into refrigerator when door is opened.
    - The moisture will disappear after running refrigerator for a few hours with door closed.
    - If moisture does not disappears wipe them with a cloth.

## THESE ARE NOT DEFECTIVE

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- When the refrigerating unit stops, the flow of the refrigerant may make a sound. This is the sound of the refrigerant flowing in the refrigerating unit.
- The mullion bar between the fresh food compartment and the freezer compartment is warmed by hot gas pipe. It will sometimes feel warm. But do not worry about stored food such as eggs.
- Refrigerator has a heater for defrosting and so, should the defrosted thermostat have a trouble, the inside temperature may become higher than the ambient temperature. At that time, unplug the refrigerator before contact the store.

## WARNING

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- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not use electrical appliances inside the food storage compartments of the appliance unless they are the type recommended by manufacturer.
- Keep ventilation opening, in the appliance enclosure or in the built in structure, clear of obstruction.
- Do not damage the refrigerant circuit.
- This refrigerator (this food freezer) shall be protected against indirect contact. Please consult the instructions for use.

## LAMP REPLACEMENT

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- When replacing the lamp bulb, unplug the refrigerator first to prevent electric shock.
- Remove "LAMP COVER" .
- Turn lamp bulb counter-clockwise to remove it, and replace with new lamp bulb by turn it clockwise, please contact Hitachi Shop or Hitachi Service Center for electrical rated of lamp.

### SAFETY SUGGESTIONS

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

HITACHI AUSTRALIA LTD.	TEL NO: 02-988-4100
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ASIA(S) PTE.,LTD.	TEL NO: 62787177
HITACHI ELECTRIC SERVICE CO.,	
(HONG KONG)LTD.	TEL NO: 27530656
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