



REFRIGERATOR

ENGLISH

OWNER'S INSTRUCTIONS

Model RA18VH/RA18FH
RA20VH/RA20FH

Before operating the appliance, please read this manual thoroughly, and retain for future reference.



- Operating Instructions
- Part features
 - Installing the appliance
 - Safety warning
 - Setting up the refrigerator
 - Ice making
 - Temperature control
 - Defrosting
 - Using the water dispenser
 - Food storage guide
 - Cleaning accessories
 - Trouble shooting

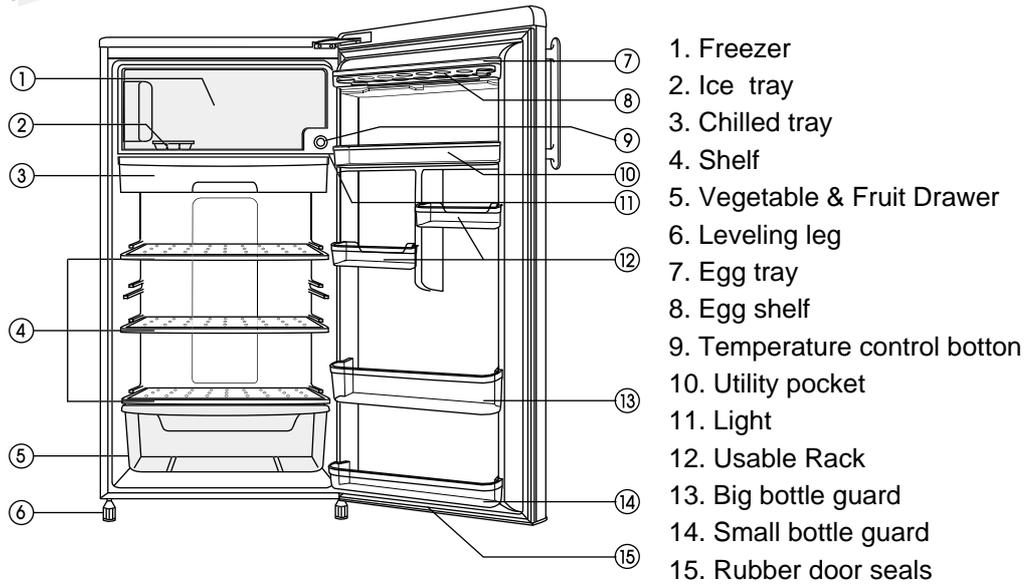
Specification					
Model	RA18FH	RA18VH	RA20FH	RA20VH	
Dimension(WxDxH) mm	540x599x1,246(Stand)		540x599x1,340(Stand)		
Gross Capacity	180 liter		200 liter		
Net Capacity	175 liter		194 liter		
Rated Voltage	127V ~ 220V~	230-240V~		127V ~ 220V~	230-240V~
Rated Frequency	60 Hz	50/60 Hz	50 Hz	60 Hz	50/60 Hz 50 Hz
Rated Input	100 W	75 W	110W	100 W	75 W 110W
Rated Current	1.1A	0.5A	0.5A	1.1A	0.5A 0.5A
Defrosting Input	-		-		
Climatic Class of The Appliance	T				
Reted Maximum Input of Lamp	15 W		15 W		
Refrigerance	HFC - 134a (120g)		HFC - 134a (120g)		
Mass	36.8kg	37.2kg	38.0kg	38.5kg	
Rated Shelf Area	0.917 m		0.917m ²		
Power Consumption	0.48 kWh / 24		0.54kWh / 24 h		
Percentage Running Time	38 %		42 %		
Quantity of Ice Making	2.97Kg / 24 h		2.64Kg / 24 h		
Freezing Capacity	-		-		
MADE IN THAILAND					

WARNING

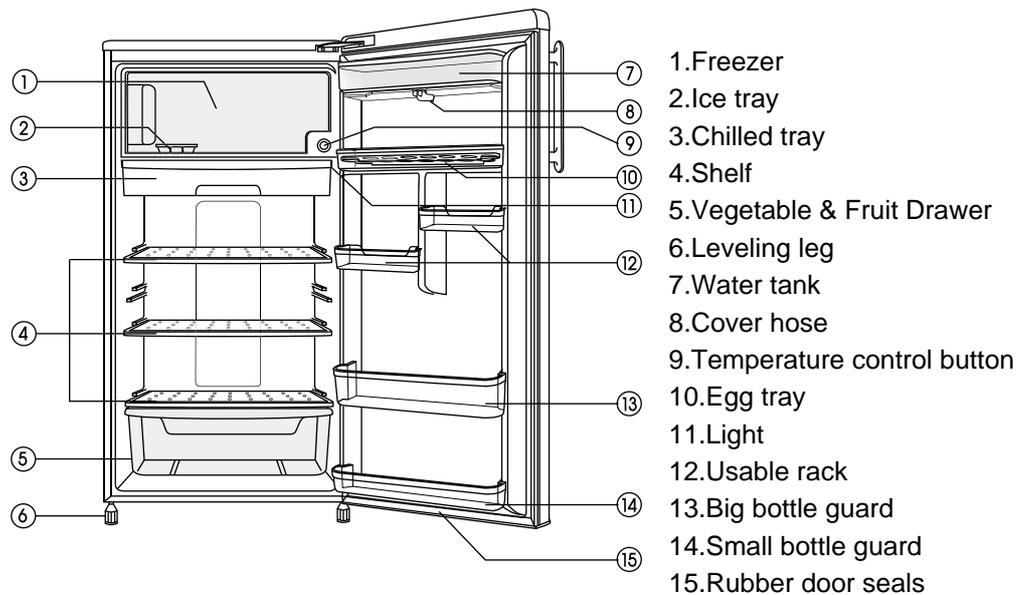
- Keep ventilation openings in the appliance enclosure or in the built-in structure, clear obstruction
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit (applicable only for appliances with refrigeration circuits which are accessible to the user)
- Do not use electrical appliances inside the food storage compartments, unless they are of the type recommended by the manufacturer.
- Damaged supply cords must be replaced by the manufacturer, service agent or similarly qualified person to avoid hazard.
- Keep the key out of reach of children and not in the vicinity of the refrigerator.

PART FEATURES

Model RA18FH/RA20FH



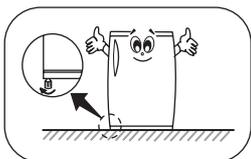
Model RA18VH/RA 20VH (Model with water dispenser)



INSTALLING THE APPLIANCE

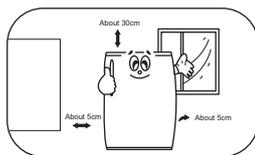
Selecting the location for appliance.

- Install the appliance properly on the flat and firm surface.



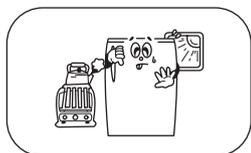
Install appliance in the available space.

- Allow 1 foot(30cm)from the ceiling, and 2 inches(5cm) from the wall.



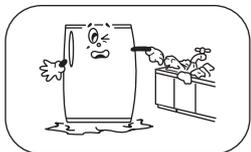
Install appliance in the appropriate location.

- Place the appliance away from sunlight or heat.



Install appliance in a damp place.

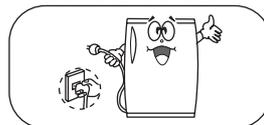
- There is a risk of electric shock or malfunctions.



SAFETY WARNINGS

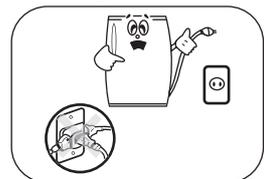
Specification of electric power.

- The electric power specification of the appliance is attached inside at the top of the door or outside at the back.



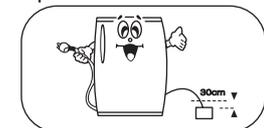
Do not use any extension cords or double adaptors.

- Do not plug several appliances into the same multiple power board. This could cause over heating and the risk of fire.



Earthing the appliance.

- If the socket is the 2-legged type, the appliance must be earthed.
- Do not connect the earthing wire to the gas pipes or telephone lines.



Replacing the lamp.

1. Unplug the power cord from the socket.
2. Remove Chilled tray.
3. Unscrew by plus-type driver then take out lamp cover. (optional model only)
4. Turn the lamp counter clockwise.
5. Replace new lamp same specification as original one.



Warning ! : Disconnect power supply before replacing the lamp.

SETTING UP THE REFRIGERATOR

Step 1

Clean up inside of the refrigerator with a clean cloth.



Step 2

Insert the power plug into the socket while keep the door open for checking the interior light, Then turn the temperature control button to "MAX".



Step 3

Close the door and let the refrigerator operate for 2-3 hours.



Step 4

Check the refrigerator temperature by touching inside the freezer.



Step 5

The appropriate temperature should be controlled by turning the temperature control button to "4", or the desired temperature can be adjust. Now your refrigerator is ready to work.

ICE MAKING

1)



Fill the ice tray with water at about 80% of its capacity, or at its "water level" indicator.

2)

Carefully place the ice tray on the freezer shelf otherwise the splashed water will be frozen and cause the ice tray is stuck hard.

3)

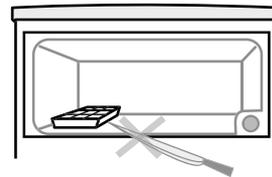
Temp. Control



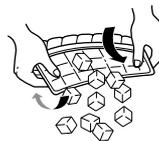
For making quick ice cubes, the temperature control button must be set to "MAX"

4)

The water will become the ice cubes with in 3-4 hours. Please remove the ice tray by pulling it out. Never use any kind of instrument. This may cause damage on the freezer.



5)



To take the ice cubes of the the ice cube tray, you should gently twist the ice tray (As shown), Do not bend it over.

Wait 5 minutes

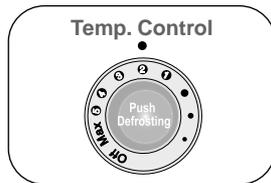


NOTE : After unplug the appliance, wait for about 5minutes before restarting.

TEMPERATURE CONTROL

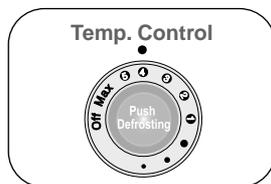
The temperature control is level "2"

- The temperature at low level "2" is used if extreme cool is not used.
- It is used when there is not much food in the refrigerator.



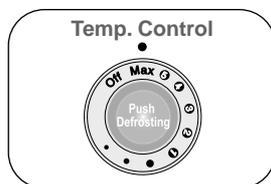
The temperature control level "4"

- The temperature at level "4" is suitable for storing food.
- It is appropriate for operating the refrigerator.



The temperature control level "MAX"

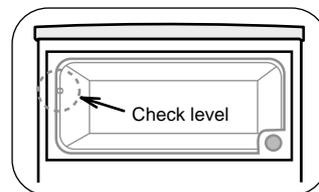
- "MAX" is properly used if the power cool is in need.
- It is used when there are a lot of food.



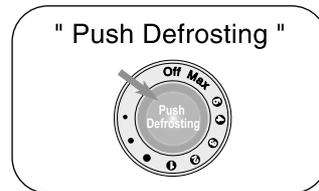
DEFROSTING

Defrosting should be often operated, as the thick frost (1/4inch) may cause low efficiency of the refrigerator.

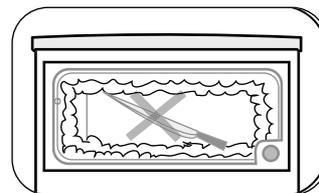
- 1) If the thick frost is over the red level, should push the defrosting button.



- 2) As soon as the "Push Defrosting" is pushed, the frost is gradually defrosting.



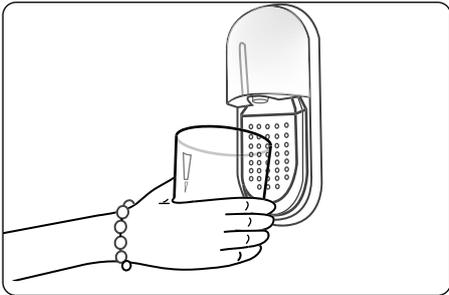
- 3) Do not use a knife or other metal instruments to remove ice/frost. It may cause damage on the freezer.



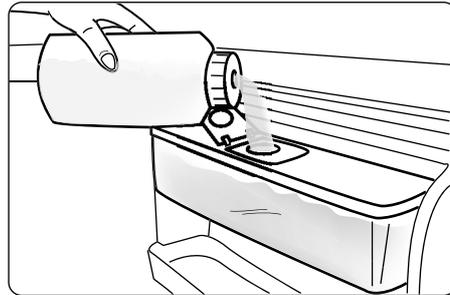
- 4) After defrosting, the button will pop up and the refrigerator working properly.

NOTE : To save energy consumption, Do not set the refrigerator temperature lower than necessary

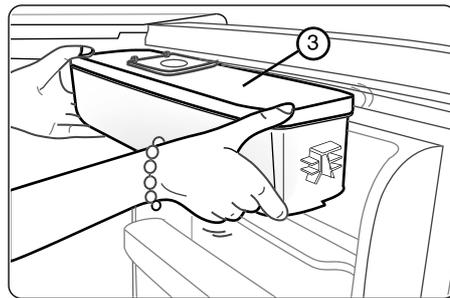
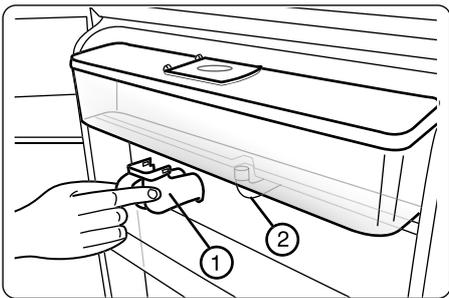
USING THE WATER DISPENSER (MODEL WITH WATER DISPENSER ONLY)



If drinking water is needed, push the water dispenser lever with a glass.



To refill the water tank, remove the cap and fill it up with drinking water, then keep the cap into place.



When you want to clean water tank, let water out of the tank. Remove ① away from ② then remove the water tank from the locking device by lifting it up. Remove the lid ③ by pulling outward straightly. Wash it with detergent and warm water, then wash with clean water.

After drying it with a clean cloth, place it correctly.

Steps to Operate the water dispenser

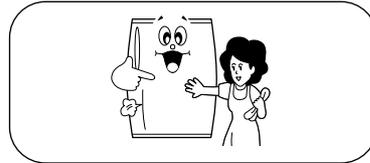
1. The water tank should be cleaned up firstly before use, as the dust and bad smell can be removed.
2. The water tank should be filled up with pure drinking water. The water dispenser devices might be damaged by the syrup, soft drink, and hot water.
3. If the appliance has just been installed, please let 3 or 4 glasses of water away to remove the dust and plastic smell of the water tank.
4. To prevent soaking on the floor, you should softly push the water dispenser lever with a glass, then pull it backward slowly and wait until the last drop of water.
5. The accessories should be removed for cleaning up at least 1-2 times a month.

FOOD STORAGE GUIDE

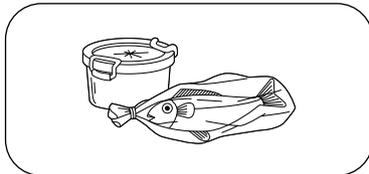
Allow warm food and beverages to cool down before storing them in the appliance.



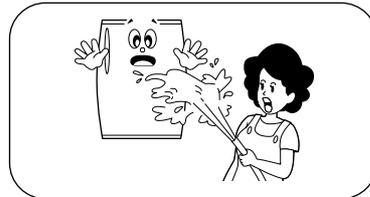
Do not let the refrigerator door open for a long while. This will cause it to lose the cool power.



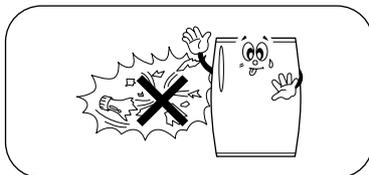
Liquid or nasty smell food should be covered or well-wrapped before it is stored.



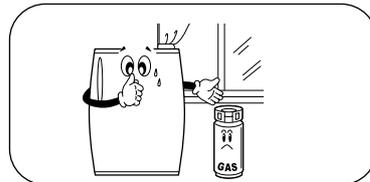
Do not spray water directly on the refrigerator. This is a risk of electronic shock or leak.



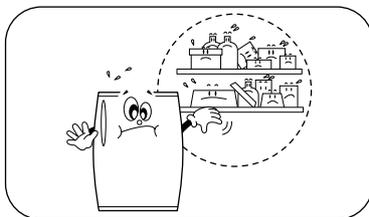
Never store any bottles of beverages in the freezer. There is a risk of bottle explosion.



Do not put the gas container near the appliance. As the compressor starts working, it may catch a fire on the electric circuit.



Please keep the space between shelves for air circulation.



Do not store volatile and inflammable substances in the refrigerator. The storage of benzene, thinner, alcohol, ether, LP gas or other such substances may cause an explosion.

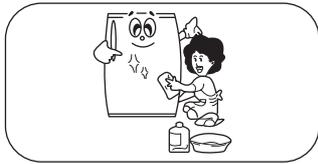


CLEANING ACCESSORIES

- Before using, the appliance should be cleaned up.
- The appliance should be cleaned regularly.

Cleaning the exterior

Clean the exterior with a mild detergent and cloth. Dry it with a clean cloth.

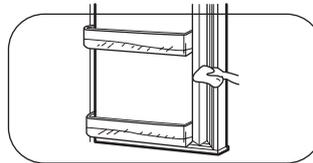


Cleaning the interior and other accessories.

After removing all the stored foods, clean the interior and other accessories with a mild detergent and damp cloth. Then wipe again with a clean cloth.

Cleaning the rubber door seals

If the rubber door seals are dirty, the door will not close properly and the refrigerator and freezer will be unable to function efficiently. Clean the rubber door seals with a mild detergent. Then wipe again with a clean cloth. (But inside the rubber doesn't have to be cleaned)



Warning:

- Remove the power plug before cleaning.
- Do not clean the appliance with benzene, thinner, or strong detergent. This will ruin the coated materials and become rusty.
- **When disposing the refrigerators : Should be followed the disposal law of your country.**

TROUBLESHOOTING

If there are the following problems with your appliance, please check them by yourself before contacting the service center, if you can't find the solution, note down the appliance model and running number, then contact the service center.

The appliance is not operating at all or the temperature is too high

1. Check that the power plug is properly connected.
2. Check that the power plug fuse has not blown.
3. Is the temperature control on the front panel set to the correct temperature?
4. Is there too much stored food? Space out food as much as possible to improve ventilation.

The side of the appliance are normally warm

The warm sides of the appliance is not abnormal. Because the heat exchanger pipes are installed in the front corners of the appliance to prevent condensation from defrosting. In very humid weather, condensation may form on the outer surface of the appliance when moisture in the air comes into contact with the cool surface of the appliance. Thus, do not cover the refrigerator with cloth or other materials.