

mitsubishi electric

Refrigerator-Freezer

MR-G57N

OPERATING INSTRUCTIONS

Non-Freon Refrigerators

This refrigerator uses non-Freon refrigerant (isobutane) and non-Freon foam insulation (cyclopentane).

These materials are harmless to the environment, and do not affect the ozone layer and global warming.

User-friendly

Elevating Shelves

- Shelves can be adjusted up or down shelf without having to remove already stored items. Storage capacity of the refrigerator compartment is maximized.

page 14

Cool from the front side

- Surround Cooling System Cold air is directed into the refrigerator from the front, back and both sides of the compartment. This ensures uniform cooling throughout the compartment.

Pure clear ice

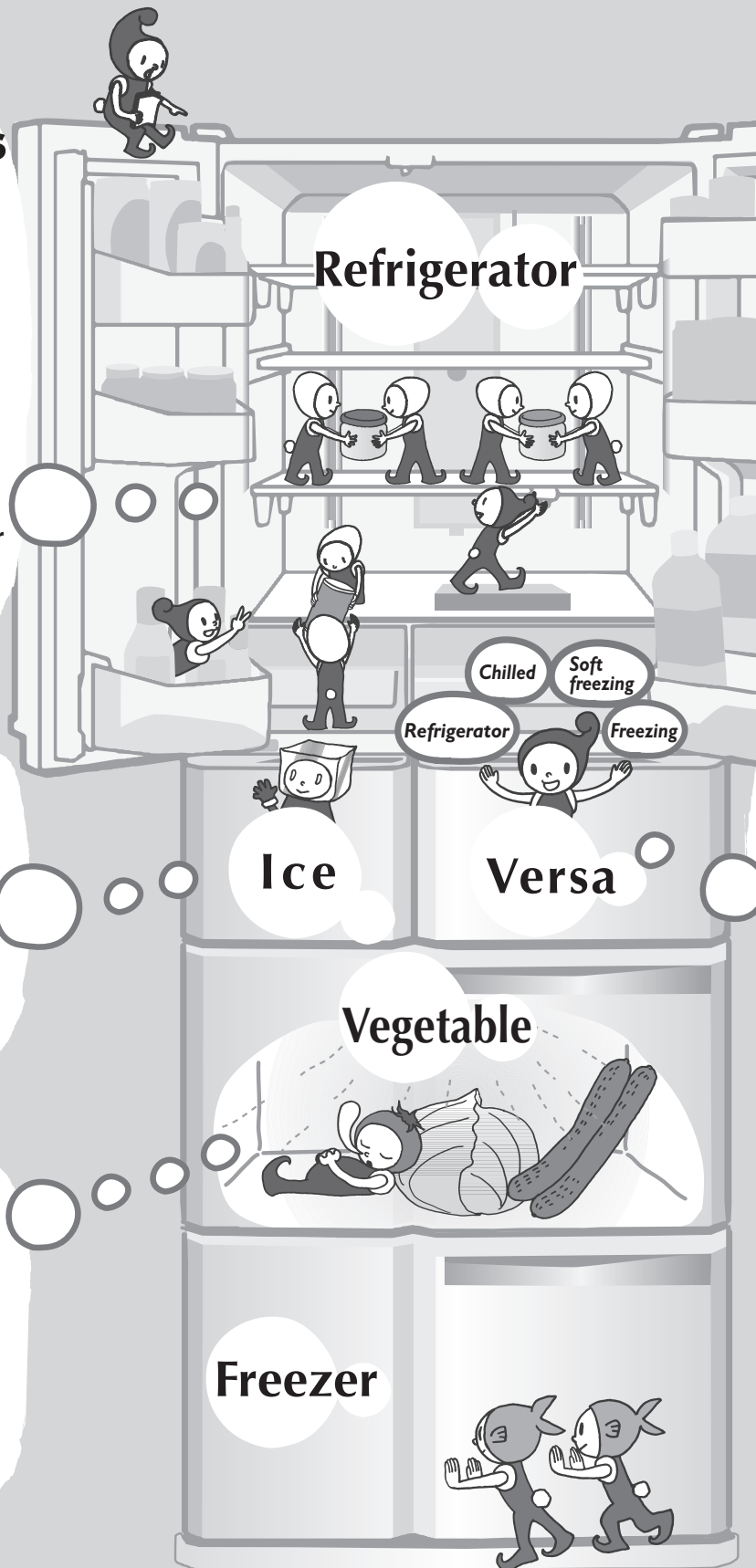
- UV Catalyst and Lead reducing filter removes bacteria with the power of light and enhances the flavor of water. Enjoy Pure clear ice cubes using tap water or mineral water.

page 20

Vitamin Factory vegetable compartment

- Not only keeps freshness but also enhances nutrition. Just by placing vegetables inside, vitamins and polyphenols can be enhanced by the power of light.

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◆ **Universal Design and Layout**
Frequently used fridge sections are located at eye level for easy use. This feature-rich model offers many other conveniences.

◆ **Non-Freon Refrigerator**

This refrigerator uses non-freon refrigerant and non-freon foam insulation material. Non-freon refrigerant (isobutane) and non-freon foam insulation material (cyclopentane) do not deplete the ozone layer and their contribution to global warming is extremely low, and are environmentally-friendly substances.



Soft-Freezing

- Food can be stored in small pieces as they can be sliced in frozen state, requiring no thawing, reducing time needed for cooking.

page **12,18**

◆ Silent Design

Our new original technology has enabled low noise level of 17dB(A).

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- This refrigerator is manufactured for refrigerating and freezing foods in general households. For industrial use, please use a commercial refrigerator-freezer.
- Key plastic parts of the refrigerator have the material name on them to facilitate recycling.

Safety Precautions

Safety Precautions

■ Danger and the degree of danger caused by improper handling are categorized and described by the following indicators.

Warning

Improper handling can result in death, serious injury, etc.

Caution



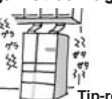









Improper handling can result in personal injury or damage to house, household furnishings, etc.













■ Meaning of symbols

	Never do
	Never touch
	Never attempt to dismantle, repair or alter
	Never bring into contact or wet with water
	Never touch when your hand is wet
	Be sure to follow instructions for execution
	Be sure to remove the power plug from the socket





■ In the case of malfunction or defect, immediately unplug the refrigerator and consult the retail store at which you purchased it or a Mitsubishi Electric Maintenance Service or Customer Service representative.

Warning

Installation	
<p>Leave space around the refrigerator</p> <p>Leaking refrigerant can accumulate, then catch fire and explode.</p>   <p>Leave space</p>	<p>Anchor the refrigerator to a strong wall or posts to provide against damage during earthquakes</p> <p>The refrigerator can tip over and cause injury.</p>   <p>Tip-resistance</p> <p>page 7</p>
<p>Avoid installing the refrigerator in an easily wet or highly humid area</p> <p>Insulation failure can cause electric shock or fire.</p>   <p>Do not wet</p> <p>page 6</p>	<p>Use a dedicated outlet for the power supply that meets the rating specified on the rating label. (The rating label is located on the door-liner of the refrigerator compartment.)</p> <p>Using extension cords and plugging too many leads into a single socket can cause heat build-up or fire.</p>   <p>page 6 Only use an outlet that meets the specified rating.</p>
<p>If the power cord is damaged, call our MITSUBISHI SERVICE CENTER for the replacement.</p> <p>If the power cord is damaged, purchase a new cord from MITSUBISHI SERVICE CENTER. Make sure that the power cord is designed for this model.</p>   <p>Service Call</p> <p>page 6</p>	<p>Insert prongs to the root of plug</p> <p>Insert prongs to the root of plug firmly otherwise it can cause heat build-up and fire.</p>  













Power and power plug	
<p>Remove power plug before changing interior light bulb or maintenance</p> <p>Non-removal of plug can cause electric shock or injury.</p>   <p>Remove plug</p>	<p>Do not push the refrigerator on to or against the power cord. Do not damage power cord.</p> <p>Placing heavy objects against or on, folding or bundling cord can cause electric shock or fire.</p>   <p>Prohibited</p>
<p>Do not use damaged cords, plugs, or loose sockets</p> <p>Can cause electric shock or fire.</p>   <p>Do not use</p>	<p>Do not pull on the power plug or cord to unplug it.</p> <p>Can cause damage to the cord, electric shock or fire.</p>   <p>Prohibited</p>
<p>Remove dust from power plug</p> <p>Dust can cause insulation failure, which may lead to fire.</p>   <p>Remove dust</p>	<p>Do not remove or insert power plug with wet hands.</p> <p>Can cause electric shock.</p>   <p>Wet hands prohibited</p>

Caution







Installation and transportation	
<p>Anchor the refrigerator to a strong and level floor by adjusting the adjustable supports</p> <p>Unstable anchoring can cause the refrigerator to move and lead to injury.</p>   <p>Install level</p> <p>page 7</p>	<p>Use transport hand-holds when transporting the refrigerator</p> <p>Holding other parts can cause injury.</p>   <p>Grip hand-holds</p> <p>page 26</p>

Warning

Use

<p>Do not place containers with water on top of the refrigerator</p> <p>Wetting electrical parts can cause electric shock or fire.</p>  <p>Do not wet</p>	<p>Do not use electrical appliances in the refrigerator</p> <p>If the refrigerant leaks and contacts the electrical appliance, it can cause explosion or fire.</p>  <p>Prohibited</p>	<p>Do not place volatile inflammable objects inside the refrigerator</p> <p>Benzene, cosmetics and hair dressing products can catch fire or explode.</p>  <p>Do not store</p>
<p>Do not place objects on top of the refrigerator</p> <p>Objects may fall when doors are opened and closed and cause injury.</p>  <p>Prohibited</p>	<p>Do not store chemicals or scientific specimens in the refrigerator</p> <p>Items that require strict management should not be stored household refrigerators.</p>  <p>Do not store</p>	<p>Use only interior bulbs with designated rating.</p> <p>Using non-designated bulbs can cause fire.</p> <p>page 25</p>  <p>Designated products only</p>
<p>Do not hang on door or door handle; do not stand on compartment doors</p> <p>The refrigerator may tip over and cause injury.</p>  <p>Prohibited</p>	<p>Do not touch the machinery of the automatic icemaker (located above the ice storage bin)</p> <p>Can cause injury when icemaker plate revolves.</p>  <p>Do not touch</p>	<p>Do not damage the refrigerator circuit or the pipes nor mount anything with screw</p> <p>The refrigerant is flammable, which can cause explosion or fire.</p>  <p>Prohibited</p>
<p>If you notice gas leakage, do not touch the refrigerator. Open windows to ventilate.</p> <p>Sparks from electrical contacts can cause explosion or fire.</p>  <p>Ventilate</p>	<p>Do not wash with water or spill food liquids on the refrigerator</p> <p>Water and food liquids can cause electric shock or fire. Immediately wipe clean wet surfaces.</p>  <p>Do not wet</p>	<p>Do not place combustible sprays near the refrigerator</p> <p>Sparks from electrical contacts can cause inflammation or fire.</p>  <p>Do not use</p>

Malfunction and long-term storage

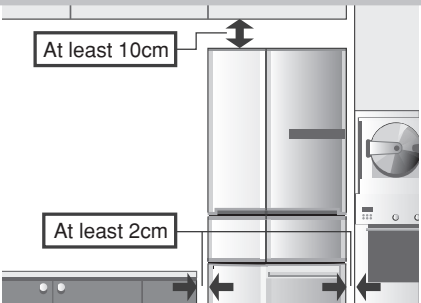
<p>If the refrigerant circuit is damaged, do not touch the refrigerator and avoid using flames nearby. Open windows to ventilate.</p> <p>If the refrigerant circuit is damaged, consult the retail store.</p>  <p>Ventilate</p>	<p>In the event of malfunction (when you detect a burning odour or other abnormality), remove the power plug from the socket turn off the refrigerator</p> <p>Continued operation during malfunction can cause electric shock or fire.</p>  <p>Remove plug</p>	<p>Do not attempt to dismantle, repair or alter</p> <p>Can cause injury, electric shock or fire.</p>  <p>Do not dismantle</p>
<p>When refrigerator is not in use for a long period, remove the door seal</p> <p>Children can be put in danger if they are trapped inside the refrigerator.</p>  <p>Remove seal</p>	<p>When the refrigerator is not in use for a long period, remove the power plug from the socket and open the door to dry the refrigerator</p> <p>If not dried sufficiently, refrigerant (gas) can leak due to condenser corrosion and cause explosion or fire.</p>  <p>Dry</p>	<p>This refrigerator uses flammable refrigerant and foaming gas for insulation. Please deliver the unit to specialized industrial waste dealer when you wish to dispose of it. Please follow the rules in your country.</p>  <p>Dispose of properly</p>

Caution

Use

<p>Do not excessively pack with food items, or remove shelves or open doors with excessive force</p> <p>Can cause food items to fall and injury.</p>  <p>Prohibited</p>	<p>Do not place bottles in the freezer compartment</p> <p>Can cause injury if content of the bottle freezes, causing the bottle to shatter.</p>  <p>Do not store</p>	<p>Do not eat smelly or discoloured food</p> <p>Can cause food poisoning or illness.</p>  <p>Prohibited</p>
<p>Do not touch food items or containers in the freezer compartment with wet hands</p> <p>Can cause frostbite.</p>  <p>Wet hands prohibited</p>	<p>Do not put your hands or feet underneath the refrigerator</p> <p>Steel plates, etc. can cause injury.</p>  <p>Do not touch</p>	<p>Close the door using the door handles</p> <p>Be careful not to catch fingers in the door when you hold it. Can cause injury.</p>  <p>Hold door handle</p>

From Installation to Operation



1 Install the refrigerator.

Installation area

The installation area should not be exposed to direct sunlight or hot air, and should be well-ventilated to avoid diminished cooling power and to economise on the cost of electricity.

It should have little humidity to prevent rusting

It should be strong and level to prevent vibration and noise, half-shut doors, and tilted doors.

- Install a strong plate or board under the refrigerator if the supports easily sink into the floor. (For prevention of deformation or discoloration due to heat or weight)

A place away from other devices
Prevention of television noise or image disturbance.

Leave space for heat ventilation

Leave at least 2cm of space on the right and left and 10cm of space between the ceiling and the top of the refrigerator

to allow heat to escape from the ceiling and the sides of the refrigerator

Heat builds up in exterior walls of the refrigerator

When the refrigerator is first used and during the summer heat build-up can exceed 50-60°C

⚠ Warning

Do not close the ventilation hole of the refrigerator or the crack around the refrigerator. If the refrigerant leaks, ignition or explosion may be caused.

Do not cause damage to refrigerant circuit (piping) / Do not attach screws.

Non-freon refrigerants are flammable gas. However, it is hermetically sealed, therefore, leaking is infrequent.

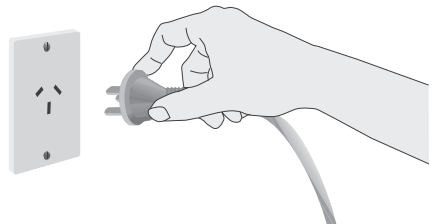
⚠ Warning

Just in case of having damaged the refrigerant circuit.

1. Do not use electric items or fire equipments near by.
2. Open the window and ventilate the room.

And then contact the retail store you have purchased from for further instructions.

Dedicated outlet that meets the specified rating.



2 Connect the power supply.

*Connect power supply soon after installing the refrigerator.

● Use a dedicated outlet

Use a dedicated outlet for the power supply that meets the rating specified on the rating label. (The rating label is located on the door-liner of the refrigerator compartment.)

⚠ Warning

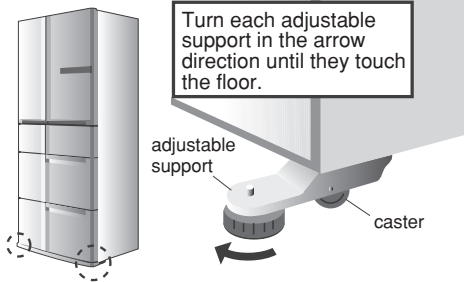
Using outlets that do not meet the specified rating or plugging in too many leads into a single socket can cause heat build up or fire.

- **The refrigerator will not be damaged even if the power is supplied soon after installation. It takes a while for the refrigerator to cool, therefore supply power as soon as possible.**

● Electrical Connections

Make sure this unit is properly grounded.

- The unit should always be plugged into its own electrical outlet. This will provide the best performance and prevent electrical circuits from being overloaded and causing a fire. Make sure that the electrical outlet provides the proper voltage. Extension cords are not recommended.
- If your unit is installed in the high humidity location, not only ground connection but also installation of an earth leakage breaker is recommended.
- If the power cord is damaged, purchase a new cord from MITSUBISHI SERVICE CENTER. Make sure that the power cord is designed for this model.
- If the power cord is damaged, call our MITSUBISHI SERVICE CENTER for the replacement, in order to avoid a hazard.



3 Adjustment and Anchoring

Turn the adjustable supports until they touch the floor and the casters are raised from the floor

to prevent vibration and noise, transmigration and half-shut doors

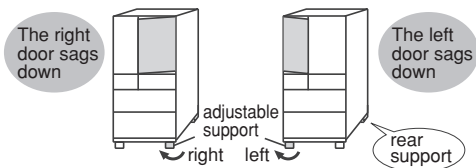
⚠ Caution

Insufficiently adjusted supports can cause injury due to migration of the refrigerator.

- Level the refrigerator left to right, with the front of the refrigerator raised slightly, so that the doors close easily and to prevent half-open doors.

Adjusting tilted doors and an uneven refrigerator

If the installation area is not level or the refrigerator supports sink after a few days due to the weight of the food, the door will appear lower. (Depending on the quantity of food, the food weight can exceed 100 kg.) Turn the adjustable support in the direction given below for readjustment.

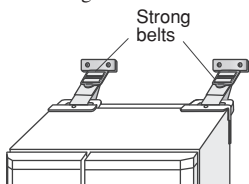


For example, if the refrigerator is installed in the corner of a room, one of the rear supports may sink into the floor. Use a caster stand (sold separately) or strong plate at the rear of the refrigerator. (In general, the plate should be 2-3 mm thick.)

To obtain a caster stand, contact your retail store.

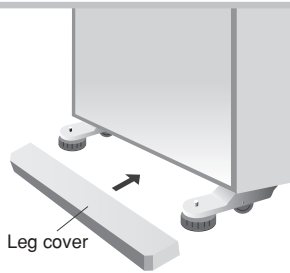
Prepare for earthquakes

Thread strong belts through the 2 handy-grip recesses on the top-rear of the refrigerator and secure them to the wall, posts or another strong area



⚠ Warning

Your refrigerator tipping over can cause injury.



4 Leg Cover

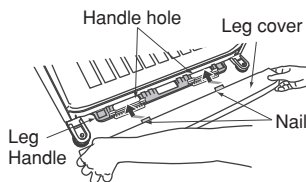
Insert into the bottom space from the front side of the refrigerator.

(The leg cover is bundled in the refrigerator compartment before shipment from the plant.)

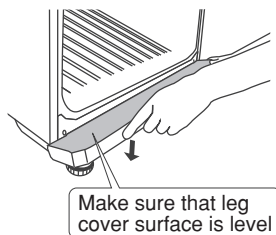
How to attach leg cover

- ① Pull out the freezer compartment door and take out the case.
- ② With the freezer door open, insert the nail of leg cover into the handle hole in the length direction as far as possible.

page 25



- ③ Push down until the leg cover is almost level.



Use your refrigerator efficiently to save electricity

Leave space between items in the refrigerator.



Avoid opening and closing the door unnecessarily and leaving the door open for a long time.



Allow large quantities of food to cool before storing.



Frost build-up can cause decline in cooling ability as a result of even the slightest door opening

Be sure not to catch food items, plastic bags, power cords, etc. in the door when you close it.



Helpful storage hints

wipe



wrap



Securely pack foods with strong odours for storing.

Foods that tend to spread odour

Pickled scallions, dried fish, fermented soybeans (natto), miso, beef, pickled radish, sardine, hot Korean pickles, Chinese meat dumpling, etc.

Foods that tend to be affected by odour

Pudding, ice cream, potato salad, tofu, rice, bread, milk, cake, ice, etc.

The deodoriser cannot remove odour completely.

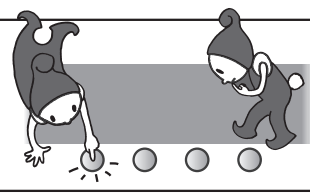
Meanings and Functions

The Display and their Meanings

- This control panel displays “What is selected for the ice making compartment” and “What is the set temperature” for the refrigerator, versa, vegetable and freezer compartments.
- The product is set at “M” for refrigerator, vegetable and freezer compartments, “REF” for versa compartment and “REG” for the ice making compartment at the time of installation (purchase).

Short note for users:

- The display will turn off after 30 seconds if no button is pressed.
- The display will come on if any button is pressed.

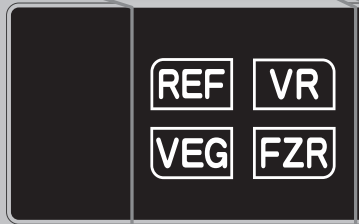


Display panel

Compartment display
The selected compartment is illuminated.

Temperature control display
The temperature control mode of the selected compartment is displayed.

QCK display
Illuminated during quick cooling.
[page 10, 12](#)



Selection buttons

ROOM button

Press this button to change the compartment displayed.
The display changes each time **ROOM** is pressed.

Refrigerator REF	↔	Versa VR
Freezer FZR	↔	Vegetable VEG

Note

Do not keep pressing (about 3 seconds) **ROOM**.

- Pressing this button for a long time will reset the control panel. Do not press for a long time except when you want to reset the panel.

SELECT button

Press this button to select the temperature control mode.

- For refrigerator, vegetable and freezer compartments [page 10](#)
- For versa compartment [page 12](#)

QUICK (HOLD 3 SEC) button

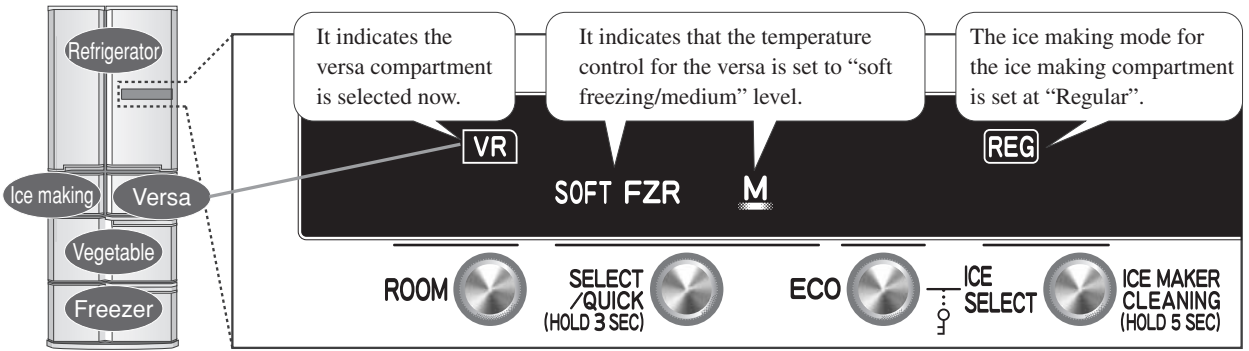
Press this button for fast cooling.

- For refrigerator, vegetable and freezer compartments [page 10](#)
- For versa compartment [page 12](#)

Short note for users:

Fast cooling cannot be performed when the versa compartment is set at soft freezing mode. Pressing “QUICK” will cause the buzzer to emit “peep, peep” tone.)

Ex.: How to read indications when the versa drawer compartment is displayed



ECO display
Illuminated during energy-saving mode. [page 13](#)

Ice making compartment mode
The selected ice making compartment mode is illuminated. [page 11](#)

Child safety lock
When this indicator is displayed, it rejects any mischievous tampering or unintentional pressing of control panel settings. [page 13](#)



Short note for users:

If all indicators blink 3 times every 30 to 60 seconds or if the compartment display and temperature control display on the control panel repeatedly, it means that the refrigerator is in demonstration operation mode. The refrigerator suspends its cooling function during this mode. The demonstration operation mode must be cancelled manually. [page 26](#)

ECO button
Press this button to select energy-saving mode. [page 13](#)

ICE SELECT button
Press this button to change the ice making mode or to stop ice making or to start fast cooling. [page 11](#)

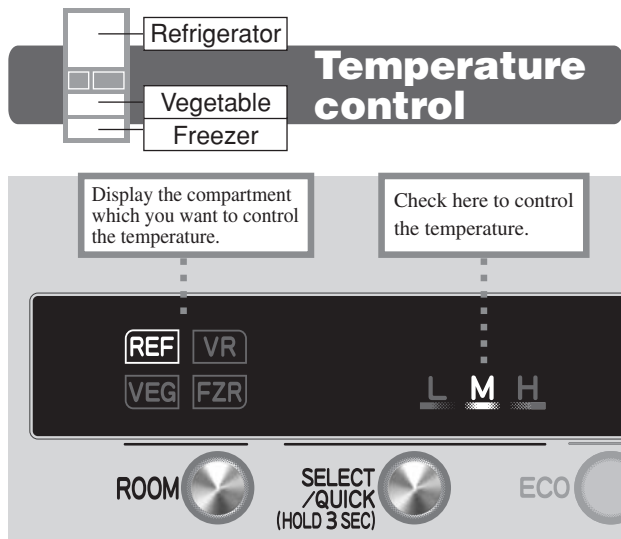
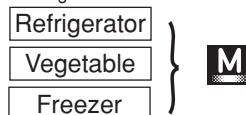
ICE MAKER CLEANING (HOLD 5 SEC)

Press this button to clean the ice tray. [page 23](#)

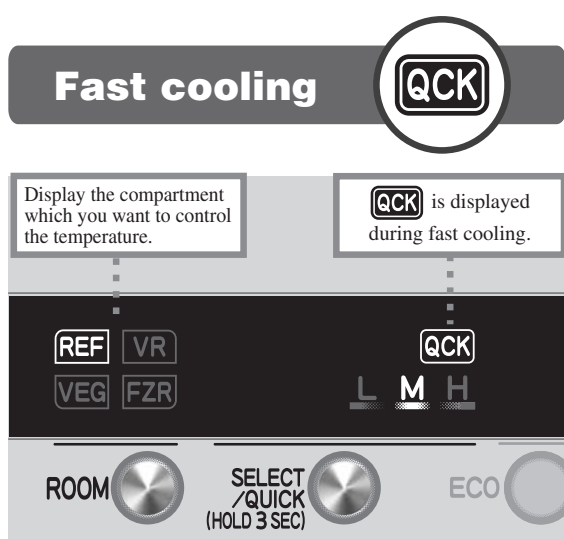
Note
Do not press the button for a long time unless you want to select ice maker cleaning.
● Otherwise, the ice tray will be cleaned (rinsed). Do not press and hold the button unless you want to clean (rinse) the ice tray.

Setting the Refrigerator, Vegetable and Freezer Compartments

■ Setting at the time of installation (purchase)



* The above illustration is an example. Settings may be different according to the selected mode.



* The above illustration is an example. Settings may be different according to the selected mode.

- 1 Press **ROOM** to display the compartment you want to change the temperature control mode. The display will change at each press.
- 2 Press **SELECT/QUICK** to change the temperature control mode. The **L M H** display will change at each press.

- ★ Fast cooling is used for home freezing or cooling bulk purchased foods fast.
- 1 Press **ROOM** to display the compartment you want to cool fast. The display will change at each press.

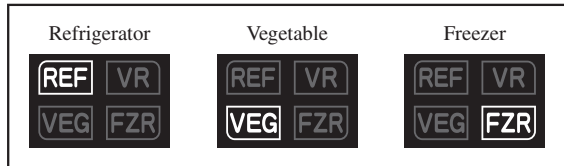
Compartment display	REF VR VEG FZR	REF VR VEG FZR	REF VR VEG FZR
Too cool L M H	2 to 3°C higher than "M" level	2 to 3°C higher than "M" level	2 to 3°C higher than "M" level
Slightly cool L M H	1 to 2°C higher than "M" level	1 to 2°C higher than "M" level	1 to 2°C higher than "M" level
Standard L M H	Around 0 to 6°C	Around 3 to 9°C	Around -16 to -22°C
Slightly cooler L M H	1 to 2°C lower than "M" level	0 to 1°C lower than "M" level	1 to 2°C lower than "M" level
Much cooler L M H	2 to 3°C lower than "M" level	1 to 2°C lower than "M" level	2 to 3°C lower than "M" level

* The above shows only rough standard. The temperature may vary according to the usage conditions, such as how foods are stored and opening/closing frequency of refrigerator door.

Temperature control mode for the versa compartment [page 12](#)

Short notes for users:

- The temperature inside the refrigerator may temporarily increase or decrease before and after defrosting.
- The temperatures given above represent the temperatures measured after reaching stabilization at the lower center part of the refrigerator when the ambient temperature is 30°C and the doors closed with nothing inside.



- 2 Press **SELECT/QUICK** and hold for 3 seconds (Until a "beep" sound is heard) **QCK** indicator comes on.

The cooling is automatically completed after about 2 hours.

QCK indicator goes off.

To stop the operation halfway through

Press **SELECT/QUICK** and **QCK** indicator comes off.

Fast cooling of versa compartment [page 12](#)

Short note for users:

- During Fast cooling, the noise from the refrigerator will become higher due to high speed cooling.

Setting the Ice Making Compartment

■ Setting at the time of installation (purchase)

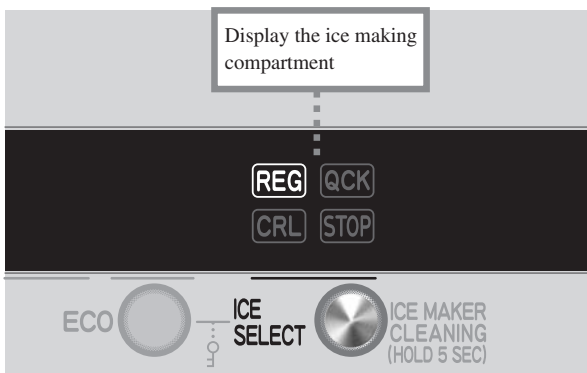
Ice Making **REG**

Short notes for users:

- The display will turn off after 30 seconds if no button is pressed.
- The display will come on if any button is pressed.



Selecting ice making modes



* The above illustration is an example. Settings may be different according to the selected mode.

- 1 Press **ICE SELECT** repeatedly to make your required ice maker setting blink. The display will change at each press.

Ice making mode can be selected from 4 types.

REG (Regular ice making) Select this mode when you want to make a large quantity of ice.

QCK (Quick ice making) Select this mode when you want to make ice quickly.

CRL (Crystal ice making) Select this mode when you want to make crystal clear ice. It will take more time compared to "REG" mode (about 5 to 8 hours).

STOP (Stop ice making) Select this mode when you do not use ice such in winter time.

The compartment can be used for frozen food storage. Before using this compartment as a freezer, clean the water supply system.

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Quick ice making mode

QCK

- 1 Press **ICE SELECT** repeatedly to display **QCK**.

Ends automatically

It automatically completes after operating for about 9 hours, when the ice storage bin is full of ice (about 60 to 100 pieces) or when no water is left in the water tank.

QCK indicator goes off and then **REG** indicator goes on.

To improve clear ice To increase crystal ice making time

- 1 Press **ROOM**, **ECO** and **ICE SELECT** simultaneously and hold for about 3 seconds. (Until a "beep" sound is heard)

CRL indicator turns on and **L M H** whichever applicable, will blink. Displays of other compartments will be extinguished temporarily.



- 2 Press **SELECT QUICK** repeatedly and select "H" if you want to make clearer ice cubes or "L" if you want to increase crystal ice making time. The selected mode will blink. After a while, a "beep" sound is heard and the blinking display is left and after 2 seconds, it will stay lit and the mode is set to the lighting display. Display of other compartments will be reset to the previous display.

Selecting "L," "M" or "H" will light only **CRL**.

Settings for crystal ice making time and clarity

Display	L	M	H
Ice making time	Faster than "M"	About 5 to 8 hours	Slower than "M"
Clarity (percentage of clear area)	70 to 80% of ice	80 to 90% of ice	90% or more of ice

- It is set at "M" at the time of installation (purchase)

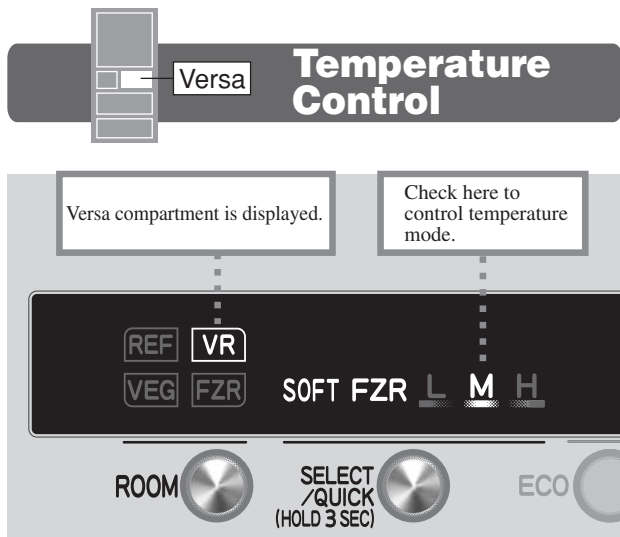
Short notes for users:

- During "QCK" mode, the noise from the refrigerator will become higher due to high speed cooling.
- The ice making time differs according to the ambient temperature and conditions of usage.
- Immediately after installation, it may take more than 24 hours to make ice even if "QCK" mode is selected.

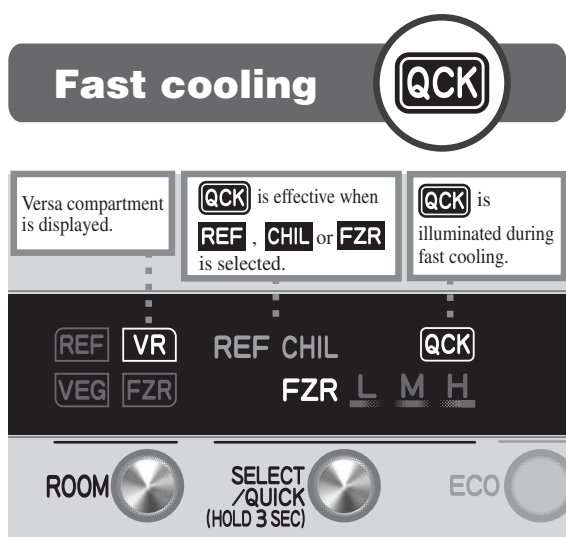
Setting the Versa Compartment

■ Setting at the time of installation (purchase)

Versa **REF**



* The above illustration is an example. Settings may be different according to the selected mode.

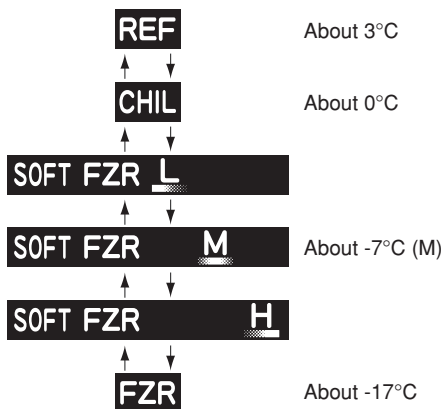


* The above illustration is an example. Settings may be different according to the selected mode.

1 Press **ROOM** and display **VR**.

2 Press **SELECT/QUICK** repeatedly and change to make your required temperature control mode.

Versa compartment can be selected from 6 choices. page 17



Short notes for users:

- The temperature inside may increase or decrease temporarily before and after defrosting.
- The temperatures given above represent the temperatures measured after reaching stabilization at the lower center part of the refrigerator when the ambient temperature is 30°C and the doors closed with nothing inside.
- If soft freezing is selected, freezing takes place at about -7°C and it may take about 24 hours until the food is completely frozen.

★ Fast cooling is used for home freezing or cooling bulk purchased foods fast.

Fast cooling is OK with food inside. After Fast cooling the temperature will be reset to its previous set temperature.

1 Press **ROOM** and display **VR**.

2 Press **SELECT/QUICK** and display **REF**, **CHIL**, **FZR** whichever is applicable.

* No Fast cooling for **SOFT FZR**

3 Press **SELECT/QUICK (HOLD 3 SEC)** and hold for 3 seconds

(Until a "beep" sound is heard)

QCK is displayed.

The cooling is automatically completed after about 2 hours.

QCK indicator goes off.

To stop the operation halfway through

Press **SELECT/QUICK** and **QCK** indicator goes off.

Short notes for users:

- When the versa compartment is set at soft freezing mode, fast cooling will not take place. Press QCK until a "beep" sound is heard.
- During fast cooling, the noise from the refrigerator will become higher due to high speed cooling.

Other Settings

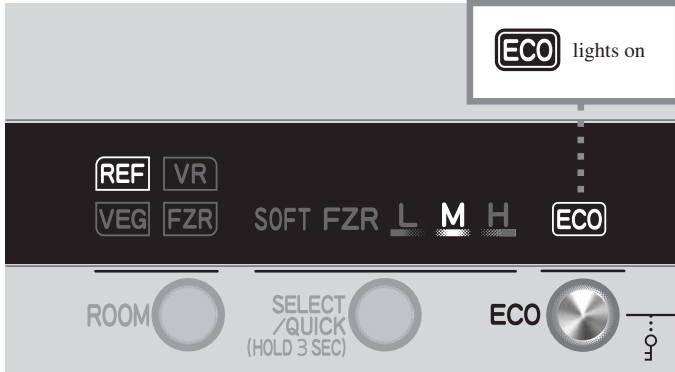
Short notes for users:

- The display will turn off after 30 seconds if no button is pressed.
- The display will come on if any button is pressed.



Energy-saving Running

ECO



When there's no opening or closing of door during night time or when you are not home.

The refrigerator automatically switches between Energy-Saving Operation Mode and Normal Operation Mode to minimize the energy consumption.

Press **ECO**

ECO on the panel lights.

To cancel Press ECO button again.

Child Safety Lock



It rejects any mischievous tampering or unintentional pressings of control panel settings.

Press **ECO** **ICE SELECT**

at the same time and hold for 3 seconds. (Until a "beep" sound is heard)



turns on.

To cancel Follow the operation explained above.

* Even if child safety lock is on, compartment can be selected

If you want to reset

To reset "ROOM", "SELECT", "QUICK" and "ECO" to the mode they were set at the time of installation.

Press **ROOM** and hold for

about 3 seconds.

(Until a "beep" sound is heard)

Selected modes at the time of installation	ROOM	REF VR VEG FZR
	SELECT	Refrigerator } M Vegetable } Freezer }
	QUICK • ECO	QCK ECO Indicators go off

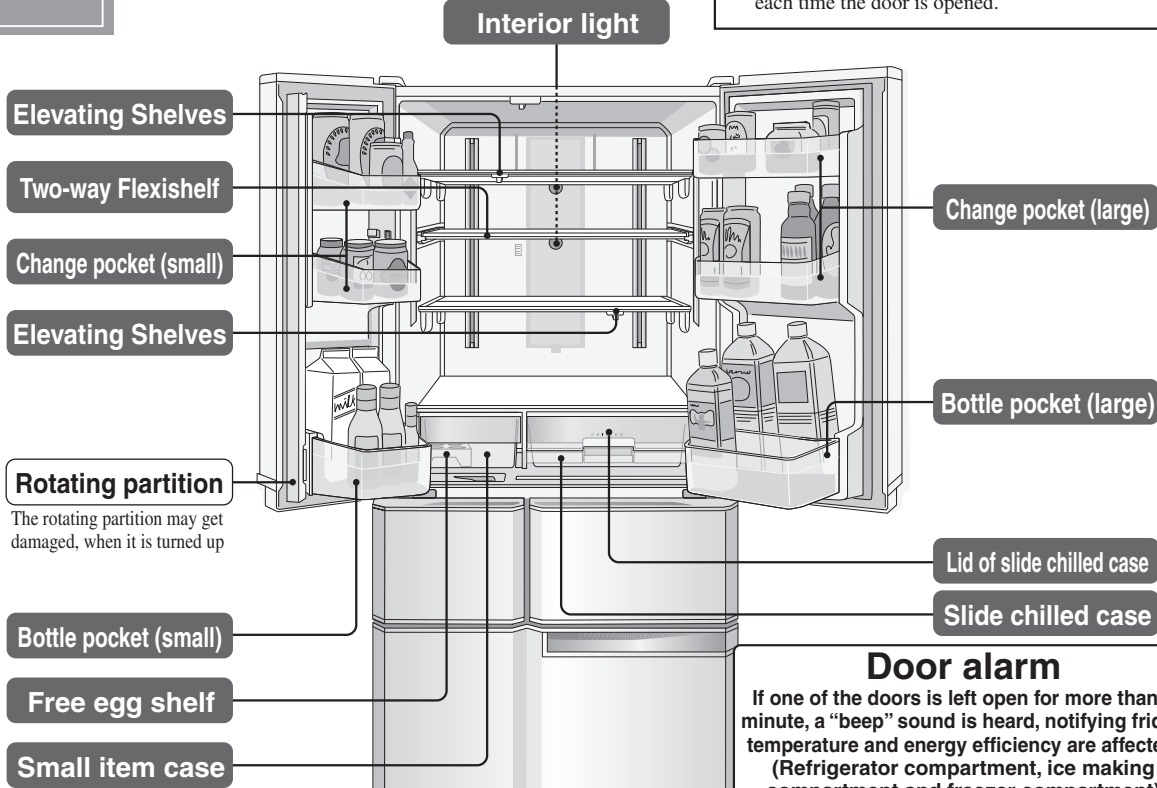
- Temperature control of versa compartment will not change.
- If the ice making compartment was set at **QCK**, it will be **REG**.
It will be the same as when other settings were made.

Refrigerator Compartment



Short notes for users:

- The interior light will turn off temporarily if it is lighted for 60 minutes continuously. Close the door thereafter and the interior light will turn on each time the door is opened.



Door alarm

If one of the doors is left open for more than 1 minute, a “beep” sound is heard, notifying fridge temperature and energy efficiency are affected. (Refrigerator compartment, ice making compartment and freezer compartment)
Prevents wasteful leakage of cool air and reduces wasteful power consumption.

Two-way Flexishelf

1 As a wide shelf

2 Make the shelf to the half size for taller foodstuffs

Elevating Shelves

Move the lever on the front of the shelf left or right to adjust the shelf to the desired position.

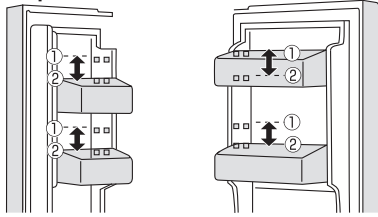
Move the lever to the right to raise the shelf. Move the lever to the left to lower the shelf.

- The lever will be difficult to move when heavy items are placed on the shelf.
- When the Elevating Shelves are lowered, one of the shelf supports may come off if the shelf contacts any foods under the shelf. To prevent from any damage of foods. If one of the supports comes off, push it back into position from above.

How to remove the shelf [page 24](#)

Change pocket

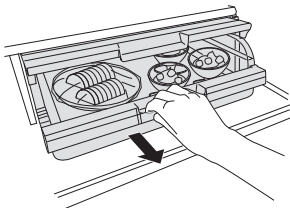
Each pocket at the right and left sides can be hung in two different positions.



How to remove the pockets [page 25](#)

Lid of slide chilled case

Open the lid by pulling the case toward you.

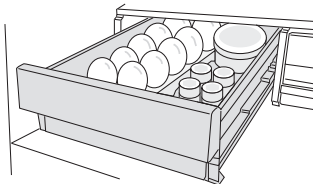


The case is automatically set to "CHIL". The temperature cannot be adjusted using the control panel.

- To store meat, fish, processed foods (such as fish paste, ham, etc.), yogurt, etc.

Small item case

The case can be used for storing various items including eggs and small articles according to your idea.



The case is automatically set to "CHIL".

- Do not store food that freeze easily.

Note

Do not leave food items hanging over the edge of the shelves. Do not place bottles that can not reach the bottom of the compartment in the front row of the bottle pocket.

- Doing so can cause half-shut doors and broken bottles.



In the following cases, the items in the slide chilled case may be frozen.

Please set the refrigerator compartment temperature to "M", "LM" or "L".

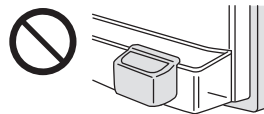
- When the temperature for the refrigerator is set to "H"
- When the ambient temperature becomes 5°C or less (in winter)

Do not close the door of the refrigerator with the items in front of the slide chilled case



Be sure to properly replace and cover the case with the lid

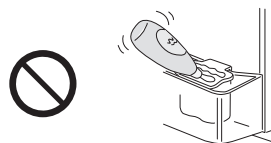
Do not set a commercial tube stand outside the door pocket



- Failure to do so may prevent the door from closing properly, cause insufficient cooling, items to drop from shelves, injury and damage to the case or lid.

Set the large tubes at the back

- Not doing so can cause the tubes to fall out from its original position.



Vegetable and Freezer Compartments



Vegetable case

2L PET bottles can also be stored.

Vegetable pocket

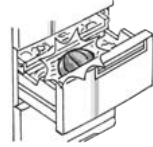
Asparagus and cucumbers can be stored upright.

Slide case

Note

Do not place tall objects under the slide case

- Tall objects may cause damage to food or the slide case.
- If the slide case was removed and not used, it may cause the vegetable compartment to get dry.



LEDs (Top of the compartment)

Lighting up vegetables to enhance vitamin and polyphenol

Vegetables are still alive even after they are harvested. Exposure to light can enhance nutritiousness of vegetables.

*Orange LEDs 3 locations

Those LEDs are always on.

*Purple LED 1 location

*Blue LED 1 location

LEDs are controlled to illuminate for 160 minutes per day. They may be off when you open the door.

Note

Do not disassemble or spray water on the LEDs.

- Water penetration may cause malfunction.
- As long-life LEDs are used, normally, no replacement is necessary.

Short notes for users:

- There are no such foods that cannot be stored under the LED light. Simply store them in the usual manner.
- Even with poor light, vegetables increase nutrients. Then there is no need to unwrap the covers, unless they shut out the light.
- Cover vegetables and fruit in plastic wrap to preserve freshness.
- Vegetable nutrients will not continue to increase forever. The storage stability will depend on the freshness when bought. Please use the freshest vegetables available.
- The vegetable compartment has high humidity, therefore the bottom of each case may become cloudy or condensation may form when a large amount of leafy vegetables is placed in the vegetable compartment. If condensation collects in the bottom of a case, it will cause the case to become dirty, therefore wipe the case with a dry cloth.



Freezing case (top)

Freezing case (bottom)

For freezing only
Freezable 500 mL PET bottles can be placed in upright.

Door alarm

If one of the doors is left open for more than 1 minute, a "beep" sound is heard, notifying fridge temperature and energy efficiency are affected.
(Refrigerator compartment, ice making compartment and freezer compartment)
Prevents wasteful leakage of cool air and reduces wasteful power consumption.

Food storage limit line

Do not place food items over storage limit line in the lower freezing case.

- Door could not be totally closed and could damage food items or the freezing case.

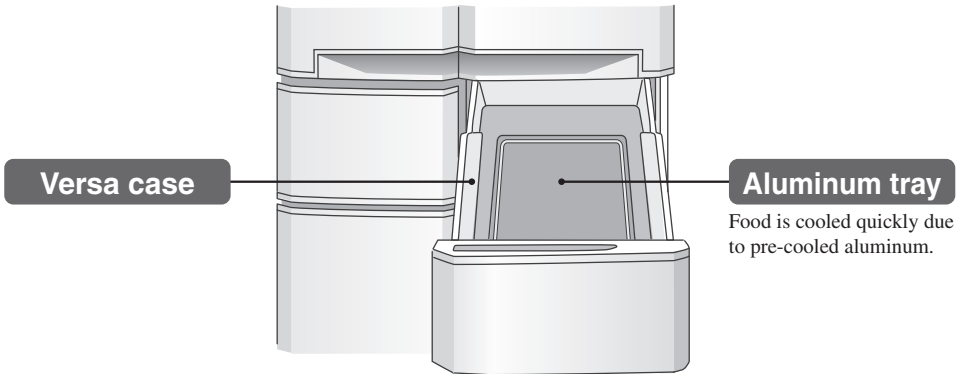
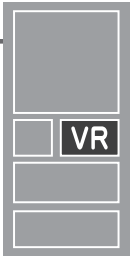
Note

- Do not place anything other than freezable PET bottle beverages. Frozen liquid may cause the bottle to break.



page 5

Versa compartment

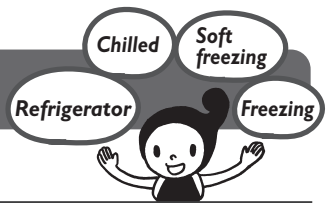


Note

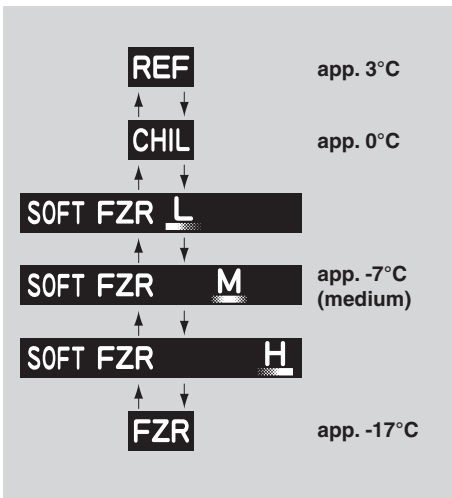
If the setting for this compartment has been changed from refrigeration or chilled to freezing or soft freezing, do not place frozen food inside until an elapse of at least 30 minutes

- Place the food items so that the cool airflow can flow above the items.

Select the setting according to your dietary needs. [page 12](#)



You can select from 6 types

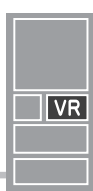


<p>REF Refrigerator</p>	<ul style="list-style-type: none"> ● For cooling beverages ● If food cannot fit into the refrigerator compartment 	
<p>CHIL Chilled</p>	<ul style="list-style-type: none"> ● For storing processed food, (such as fish paste, ham, etc.), yogurt, cheese etc. for about 1 week. 	
<p>SOFT FZR Soft freezing</p>	<ul style="list-style-type: none"> ● For storing meat or fish for about 2 to 3 weeks If food gets too hard to cut through set at "L" and if food does not get frozen easily, set at "H". 	
<p>FZR Freezing (Short term frozen food storage)</p>	<ul style="list-style-type: none"> ● For storing frozen food, ice cream, etc. ● For storing meat, fish or other processed foods for about 1 to 3 months. 	

Short note for users:

- The temperatures given above represent the temperatures measured after reaching stabilization at the lower center part of the refrigerator when the ambient temperature is 30°C and the doors closed with nothing inside. The temperature may vary according to the usage such as storage condition of foods and door opening/closing frequency.

Soft Freezing (Sliceable frozen food)



Items that are not suitable for soft freezing

Items that can not be frozen normally are not suitable for soft freezing either. Form and quality of such items after freezing are not guaranteed.

Example: konyaku (nutrition yam paste), bean curd, milk, eggs, potatoes, etc.



The soft freezer cannot preserve commercial ice cream or frozen foods. Store these items in the freezer compartment.



Soft Freezing

Meat and Fish

Though your meat or fish may seem as frozen as if it were frozen normally, with soft freezing you need not separate food or wait for it to thaw because your meat or fish can be cut with a knife immediately after you remove them from the versa compartment, thereby shortening your cooking time!

- Items that have been transferred from freezer to soft freezer or soft freezer to freezer should be used within 1-2 weeks.

Blocks of meat

Meat that has been stored in the freezer or was bought frozen can be transferred to the soft freezer, so you can divide up and remove only the amount that you want to use.

- Depending on its size, your meat should be ready to cut within 2-5 hours after it is transferred to the soft freezer.



Thinly sliced meat or bacon

Thinly sliced meat or bacon can be cut immediately. They will thaw while cooking or dipped in basting, during which time you can easily separate them.

- They may not be able to be separated immediately after they are removed from the soft freezer.



Ground meat

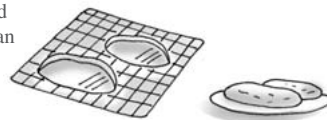
You can cut and remove the amount you want to use.

Furthermore, if you cut them into small cubes, they will thaw enough in 15-30 minutes for you to loosen with your hands.



Cutlets and cod roe

Cutlets can be cooked on a low flame without taking the time to thaw them. Cod roe and other highly salted foods do not freeze and can be used immediately.



Fruit

The soft freezer is recommended for very sweet fruit. Try soft freezing with various fruit.

- Eat fruit frozen without thawing. (these fruit will not be fresh again after thawing)
- The flavor of fruit kept in the soft freezer for more than 1 week may change. It is recommended to eat fruit within 2-3 days to best enjoy its new taste.
- Freezing time may vary depending on sugar content of the fruit, so allow 1 day for freezing.

Smoothie

Blend soft-frozen fruit and yogurt and milk in a blender to make an easy healthy drink.

Example: Cut half a peeled apple into bite-size pieces, and a peeled kiwi into 1-cm circular slices. Freeze fruit in the soft freezer. Then blend soft-frozen apple and kiwi, 250cc of milk and honey (if you like) in a mixer until it becomes smooth. (makes 2 servings)

Watermelon

Make watermelon ice by cutting watermelon into bite-size pieces and freezing in the soft freezer.



Canned fruit

Soft-freeze mikan oranges or pineapple in its syrup to make easy sherbet.

- May not freeze depending on the sugar content of the syrup.



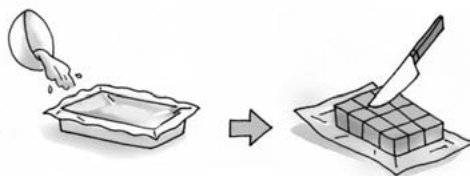
Others

Meat sauce

Store left over sauces in an airtight container. You can remove the sauce with a spoon and use it as a universal sauce with gratin or omelets.

- Sauces with high liquid content may not be removable with a spoon.

Line the inside of a storage container with plastic wrap, pour sauce into container, remove by holding the wrap and cut the amount you need with a knife.



Spinach

Boil spinach, place it in an airtight container and soft-freeze for later use in miso soup or butter saute.



Fermented soybeans and fried bean curd

Fermented soybeans can be mixed immediately after removal from the versa compartment.

Chilled fermented soybeans can be quite tasty. You can cut the amount of fried bean curd you want to use.



Short notes for users:

Please pay attention to the following when using soft freezing

- Since food freezing takes place at approximately -7°C with soft freezing, it may take up to 24 hours for food to freeze completely.
- Open and close compartment doors with as low frequency as possible when you add items to the soft freezer.
- The degree of freezing may vary depending on the type of item, cooking method, arrangement of item (folded and layered or location of item), amount, and period of storage.
- Items may not freeze or may freeze too much (for cutting with a knife) depending on content of sugar, salt and fat.
- Items that have frozen too much can be cut with a knife if they are left in room temperature for 5-15 minutes.
- **Adjust the temperature in accordance with degree of freezing.**

◆ When not frozen enough

SOFT FZR L M H

Adjust soft freezing setting to "H" 1-2°C below "M"

Foods that do not freeze easily

- Food with high salt content, such as cod roe
- Food pre-seasoned with soy sauce or bean paste
- Food with high sugar content, such as stewed beans
- Food with high sugar content, such as bananas

◆ When frozen too much

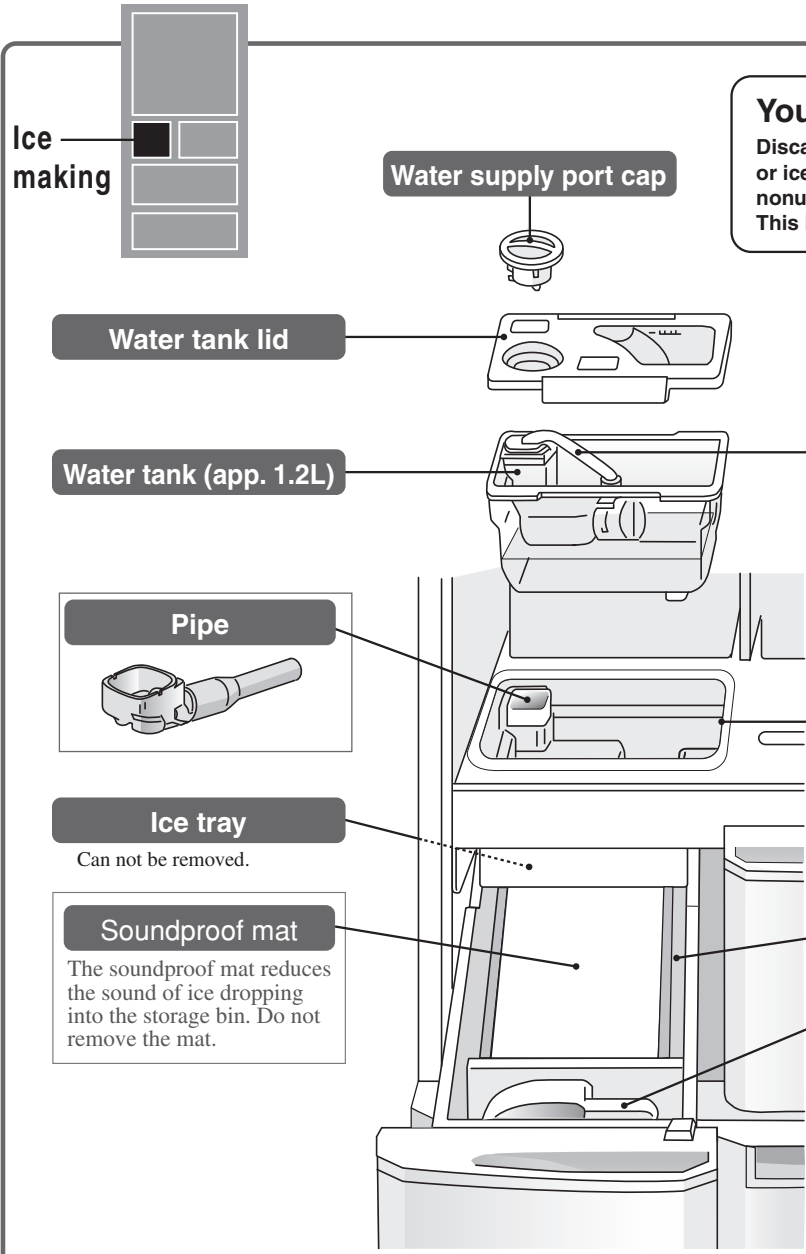
SOFT FZR L M H

Adjust soft freezing setting to "L" 1-2°C above "M"

Foods that freeze easily

- Food with high water content, such as boiled vegetables
- Food with high water content, such as rice
- Large blocks of meat with low fat content, such as thigh meat

Ice Making Compartment (Automatic Ice Maker)



Your first batch of ice
 Discard the first 2-3 batches of ice you make or ice that is made after more than 1 week of nonuse (about 20 cubes). This ice often has bad odour or dust on it.

Pipe, water supply pump, light-type bacteria removing filter with Lead-removal function

Pipe

Ice tray
 Can not be removed.

Soundproof mat
 The soundproof mat reduces the sound of ice dropping into the storage bin. Do not remove the mat.

V-LED lamp
 Bring light to light-type bacteria removing filter to prevent the bacteria from being bred in the water tank. (The automatic ice maker must be cleaned regularly. [page 22](#))

Ice storage box
Ice server

Door alarm
 If one of the doors is left open for more than 1 minute, a "beep" sound is heard, notifying fridge temperature and energy efficiency are affected. (Refrigerator compartment, ice making compartment and freezer compartment) Prevents wasteful leakage of cool air and reduces wasteful power consumption.

Note

Please do not put anything deep inside the ice storage bin.

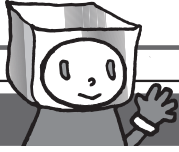
- When storing food items in the ice storage bin, they must not be higher than the top of the bin. (This can cause a malfunction or prevent the door from closing.)
- The ice level sensor lever will detect the ice storage automatically, and will stop ice making when it reaches a certain amount. (app. 60 to 100pcs.) In order to detect the ice level correctly, please make the ice flat and put the ice server in the front of the ice storage bin. The automatic ice maker could be damaged if it contacts an object.

Do not pour anything like sugar, juice, tea or soft drinks, in the water tank. (Heat resisting temperature, app. 60°C)

- Placing liquid other than water may cause damage to the automatic ice maker or water supply pump.

Do not fill the water tank higher than the full-level mark.

- Filling the water tank with a kettle while it is still in the tank holder, or filling it higher than the full-level mark may cause "connected" ice to form.



Making Ice

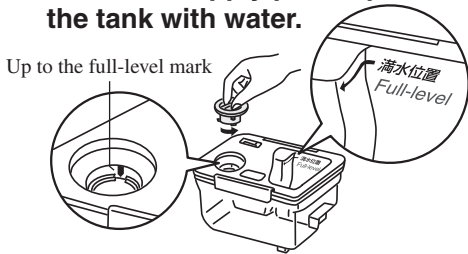
1 Select **REG**, **CRL** or **QCK** on the control panel. [page 11](#)

- Initial setting of the ice making compartment at installation is **REG**.

2 Check the amount of water remaining in the water tank.

- Open the door to the refrigerator compartment and check the level from above the tank.

3 Remove the water tank. Remove the water supply port cap and fill the tank with water.



4 Replace the water tank holding it level.

- Tipping the tank will cause water spillage.
- If the water tank does not fit properly in place, ice will not be made.
In addition, it can cause the water tank to freeze. Check that there is no foreign material in the tank holder or water supply pipe.

Ice making time

Approximate time for making one set of ice

Quick ice making mode	60-90 minutes
Regular ice making mode	100-120 minutes
Crystal ice making mode	5-8 hours

- One batch of ice: 5 to 8 pieces
- Clear ice is made slowly to increase the clarity of the ice cube.
- The time may vary according to the ambient temperature of the refrigerator or its usage condition and the type of water used. It may take longer time than given above.
- It is recommended not to open or close the ice making compartment door, when making clear ice.

Ice shapes

- The shape of ice is trapezoid but somewhat flat and uneven



- The size of ice made for one time may vary with the water amount in the water tank.
- One batch of ice is 5-8 pieces.
- If the water tank is filled above the full-level mark, the water channels in the ice tray will freeze, causing 2-3 pieces of ice to stick together and bumpy ice.



- If some pieces of ice stored long time, they will be stuck or become smaller. (This phenomenon is called "sublimation".)



- The quickly made ice may be cracked or split due to fast freezing.

About Crystal Ice

- There may be white sediment (white crystal) or bubbles inside the ice cube.
In cases below, may cause clear ice into such white sediment ice.
 - When the mode has been changed from "REG(Regular)", "QCK(Quick)", "STOP(Stop)" to "CRL(Crystal)".
(It is set at **REG** mode at the time of installation).
 - Ice made of water containing much mineral.
(This white sediment is a crystal of mineral ingredients)
 - When surrounding temperature, status of use have changed.
 - When pieces of ice are stored long time in the ice storage bin.
(Frost will cover the ice. If it is put into water, the frost will dissolve.)

When you want to change the clarity of the ice or the ice making time operation [page 11](#)

Short notes for users:

- Ice made of water containing much mineral such as mineral water might cause white sediment (white crystal). When the ice melts into water, it may appear fibrous. This white sediment is a crystal of mineral ingredients, which is not harmful.
- The V-LED lamp comes on in the following condition.
 - When the door of the refrigerator compartment or ice making compartment is kept open
(However, the lamp goes out when the door is kept open for 5 minutes.)
 - Before and after feeding water into the ice tray.
- The time required for making ice might be longer according to the frequency of closing and opening the door, the temperature around the refrigerator, and the amount and temperature of the water added to the tank.

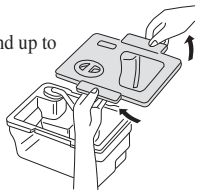
Maintaining the Automatic Ice Maker

Cleaning once a week

Water tank

Remove the lid and wash with water.

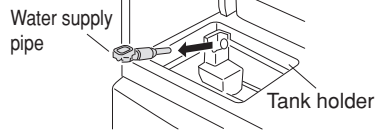
(the tank can withstand up to approximately 60°C)



Cleaning once a month

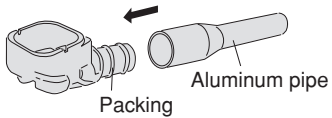
Water supply pipe / Tank holder

1 Pull out water supply pipe. Wipe the tank holder with clean cloth.



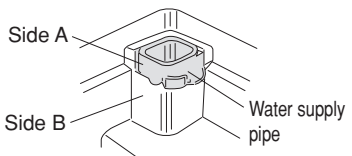
● Do not let water flow into the tank holder.

2 Separate pieces and wash with water.



● Twist on the aluminum pipe to replace it.
*The water supply pipe may be white due to minerals or chlorine, but this is not abnormal. Wash the pipe and continue using it.

3 Reverse steps to replace the pipe.



● Replace the water supply pipe. Be sure that sides A and B fit flush against each other. Otherwise, the ice maker may malfunction if the pipe is not installed properly.

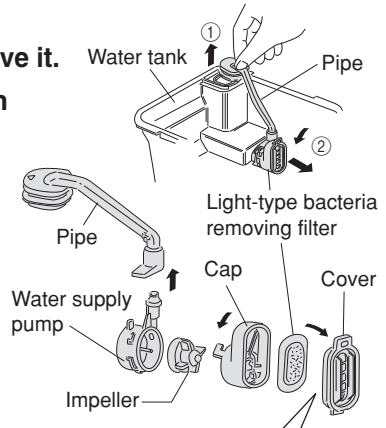
Cleaning once a month

Water supply pump / Light-type bacteria removing filter

1 Pull out the pipe. Twist the pump to remove it.

2 Disassemble and wash the parts with water.

- The impeller is magnetic. Wash carefully to remove all foreign objects.
- Normally the filter need not be replaced. However, replace it in the following conditions:
 - When the filter is clogged by passing something other than water through the filter
 - When the filter is broken
 - When the filter is moldy
 In such cases, contact the retail store at which you purchased this refrigerator.

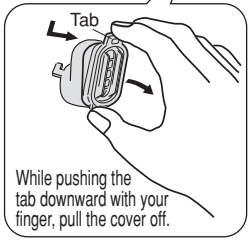


Note

Do not use kitchen detergent, benzene, bleach or other cleaning products to clean the light-type bacteria removing filter.

● The products above give ice odours.

Be sure to read all instructions for detergents, bleach and other cleaning products you use to clean the water tank and lid.



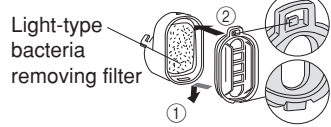
While pushing the tab downward with your finger, pull the cover off.

3 Reverse the steps to replace the pump.

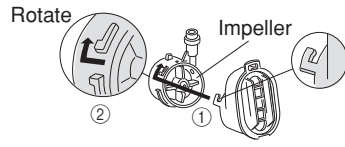
Reassembly points

Improper reassembling might cause failed ice making or increased noise. Check the following.

1 Fit the filter cover's tab (1) and hook (2) into the cap.

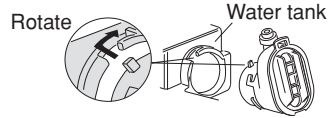


2 Rotate the cap and catch the cap hook (1) onto the water supply pump tab (2).

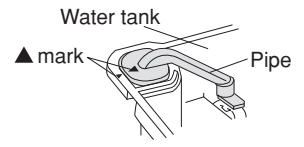


*Make sure that the impeller is in the pump.

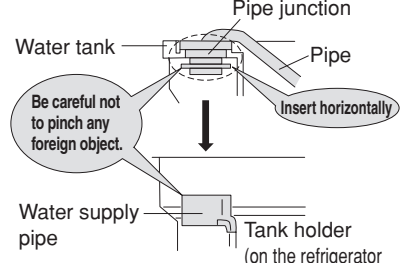
3 Securely rotate the water supply pump into the water tank to install it.



4 Align the ▲ marks on the pipe and the water tank.



*Make sure that no foreign object is found between the water supply pipe and the pipe junction.



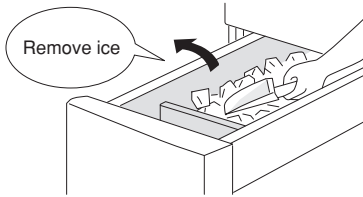
● Improper fitting or any foreign object will produce a clearance between the pipe and the pipe junction to cause freezing of the water tank.

- Regular cleaning produces clean and delicious ice.
- Regular cleaning prevents water stains, molding, etc.

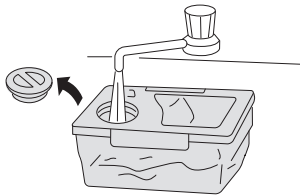
To clean (rinse) the ice tray

Cleaning the ice tray using water from the water tank

- 1 Remove ice from the ice storage bin and close the ice making compartment door.



- 2 Fill the water tank with water and set it in place.



- 3 Press **ICE SELECT**  **ICE MAKER CLEANING (HOLD 5 SEC)** on the control panel and hold for about 5 seconds

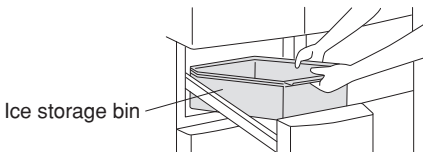
(Until the buzzer emits “peep, peep” tone.)

- The display (**REG**, **QCK**, **CRL**, or **STOP**) of the ice making compartment will blink (for about 1 minute).
(The ice tray will be cleaned by the water from the water tank.)

- 4 Repeat step 3 2 to 3 times.

- 5 Remove the ice storage bin and discard the water and ice.

- Do not discard the two-layer soundproof mat.

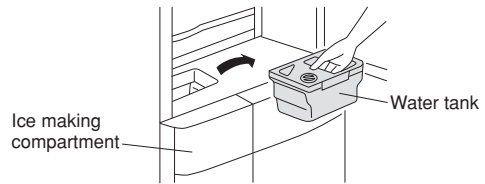


When the automatic ice maker will not be used for a long period of time When using the **STOP** setting

*Follow these instructions for transportation of the refrigerator as well.

Discard all the ice and water from the ice tray in the ice storage bin to empty the ice tray.

- 1 Remove the water tank and close the ice making compartment door.



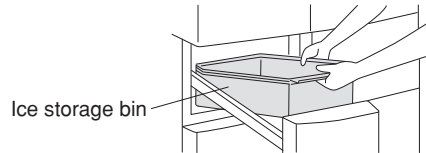
- 2 Press **ICE SELECT**  **ICE MAKER CLEANING (HOLD 5 SEC)** on the control panel and hold for about 5 seconds

(Until the buzzer emits “peep, peep” tone.)

- The display (**REG**, **QCK**, **CRL**, or **STOP**) of the ice making compartment will blink (for about 1 minute).
(The water and ice will empty from the ice tray.)
- After the blinking stops, the original display will return.

- 3 Remove the ice storage bin and discard the water and ice.

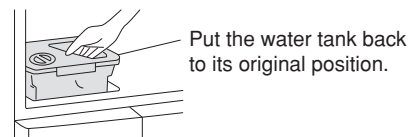
- Do not discard the two-layer soundproof mat.



- 4 Set the ice making compartment to **STOP**. [page 11](#)

- 5 Wash the water tank (water pump, pipe, and light-type bacteria removing filter), water supply pipe, ice storage bin, and soundproof mat with water. Dry carefully and reinstall parts.

- To restart the ice maker, switch the ice making setting. [page 11](#)



Removing and Maintaining the Accessories

Before you start

Remove the power plug from the socket.

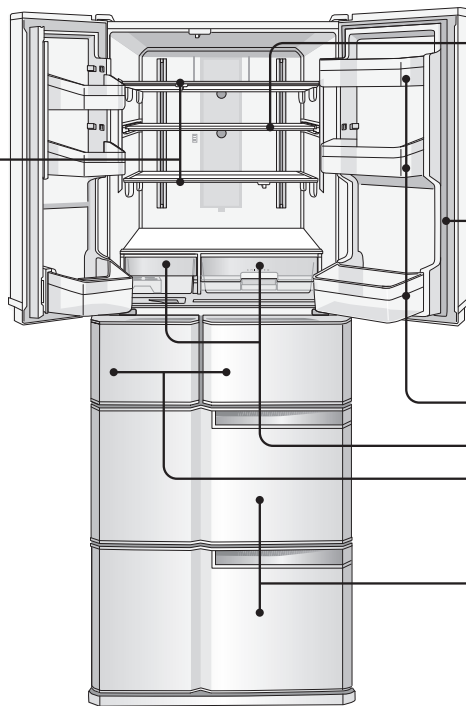


Warning
Failure to remove the plug may result in electric shock.

Wait at least 10 minutes before you replace the power plug. The refrigerator will not operate if the plug is replaced immediately after it is removed.

Maintenance and Cleaning

- Wipe or remove and wash parts with water.
- To remove oily deposits, wet a cloth with warm water or dishwashing detergent and wipe. (Be sure to wipe off all oily deposits. Oily deposits can cause plastic parts to break.)
- Be sure to wipe off any detergent you used.
- Be sure to read all instructions and heed precautions for chemically treated disposable cloths you use to clean parts.
- Do not use alcohol, benzene, steel wool or alkaline-base detergents. They will cause damage to plastic parts (door handles, cap, cases, etc.) and coating.



Elevating Shelves

Removal

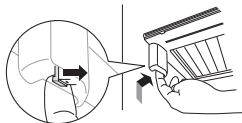
① Move the lever completely to the right.



② Push up each support, one at a time, with a strong effort. (4 supports)
(When the internal hooks are released from the refrigerator, a "click" sound will be heard.)



If the supports are not released easily, push the internal hooks inward.



③ After the 4 supports are released, pull out the shelf.

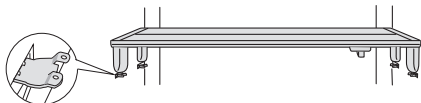


Installation

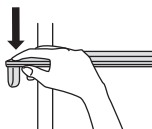
① Make sure that the lever is moved completely to the right.



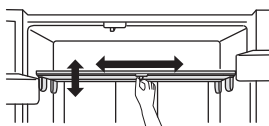
② Make sure that the 4 metal stoppers are securely fitted into the refrigerator, then lightly set the shelf into the refrigerator and align the 4 supports with the 4 stoppers.



③ Push each of the 4 supports, one at a time, downward from above. (When the internal hooks catch onto the refrigerator, a "click" sound will be heard.)

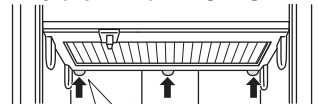


④ Finally, move the lever to the left and right and check that the shelf moves up and down while remaining level. (If the shelf does not remain level, the 4 hooks are not securely caught onto the refrigerator. Remove the shelf and repeat steps ① to ④.)

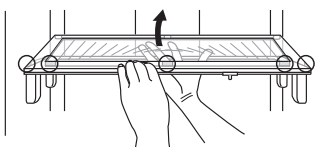


Tray removal

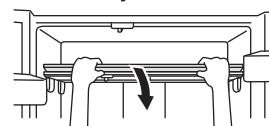
① Push up the nails at the back side of tray (3 places) using fingers.



② Lift up the back side of tray until the nails at the front (3 places) and nails on both sides (2 places) are removed.
*Lift up the tray slowly, otherwise it may fall.



③ Remove the tray with both hands.

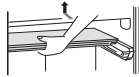


● Disassembling or applying grease to the Elevating Shelves can cause it to malfunction.

Reverse removal procedures to reinstall accessories.

Two-way flexishelf

Push the shelf inward, then lift and pull forward.



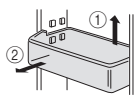
Door seal

Dirty seal is easily damaged and can cause refrigerated air to leak.



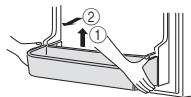
Change pocket / Bottle pocket

Change pocket



- Alternately lift up the left and right sides (the pockets are securely installed).
- Pull towards you.

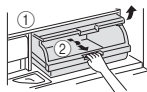
Bottle pocket



Slide chilled case / Small item case

Slide chilled case

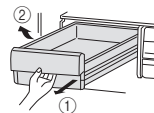
- Support the lid with a hand.
- Lift up the case and pull it towards you.



*The ceiling shelf at the upper side of slide chilled case cannot be removed. Do not try to remove this part even for cleaning.

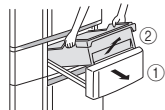
Small item case

- Pull the case till it stops.
- Lift up the case and pull it towards you.



Ice Making compartment / Versa compartment

- Open the compartment door till it stops.
- Lift out holding the area closest to you.



Vegetable compartment / Freezer compartment

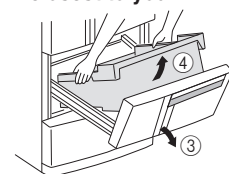
Slide case, freezing case (top)

- Open the compartment door till it stops.
- Lift out holding the area closest to you.



Vegetable case, freezing case (bottom)

- Pull out the door by slightly holding it up and let it tilt.
- Lift out holding the area closest to you.

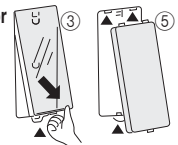


Replacing the interior light bulb

Refrigerator compartment / Vegetable compartment (Tricolor LED)

Refrigerator compartment

- Remove the plug.
- Remove the AUTO-shelves (2) and two-way flexishelf.
- Press the ▲ tab upward as you pull the cover forward.
- Replace the interior light bulb
 - Please purchase a light bulb for the refrigerator (MR-G57N) from your retail store.
- To replace the cover, insert the upper tabs and then the lower tabs.



Vegetable Compartment (LED)

Please contact the retail store at which you purchased it

Warning

Using non-designated interior light bulbs can cause fire. Non-removal of plug before changing interior light bulb can cause electric shock or injury. Just in case of refrigerant-leakage, explosion or fire can be caused.

Control panel

Wipe with a soft dry cloth.

*Do not use alcohol, benzene, steel wool or alkaline-base detergents. They can cause the control panel to malfunction.



Drip gutters

Wipe away all soil or drippings.



Drip Gutters

The rear of the refrigerator and the floor

- Turn the adjustable supports to lift them off the floor and move the refrigerator.
- Wipe away all soil from the rear of the refrigerator, the wall and the floor.

Air circulation can cause dust to collect at the rear of and on the floor under the refrigerator, creating black soiled areas.



Caution

Do not put your hands underneath the refrigerator. Doing so can cause injury.

After Maintenance

Inspect the power cord, plug and outlet

- Is the power cord or plug damaged?
- Has dust collected on the power plug?
- Is there abnormal heat build-up in the power plug?
- Is the outlet coming loose?
- Have you properly reinserted the power plug?



Warning

Damaged power cords or plugs, and dust collected on plugs can cause electric shock or fire.

What to do when...

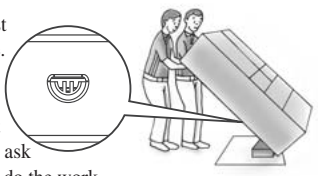
Electric power goes out

- Refrain from frequently opening and closing the refrigerator doors, and avoid storing additional items.
- Setting for modes other than temperature may change. Please check. (Child Lock, Energy-Saving, Fast Cooling, etc.)

Transporting the unit

- 1 Discard the water and ice in the water tank and the ice tray. [page 23](#)
- 2 Wear the protector such as work-gloves.
- 3 Remove the leg cover and lift up the adjustable support.
- 4 Pull out the power supply plug.
- 5 Place towels beneath the exhaust port and at the corner beneath the back side of the refrigerator and then place a container or a tray about 3cm high to collect water.
*Towels must be placed to prevent water leakage and possible damage to the floor.
- 6 Slowly tilt by about 30 degrees towards the rear and drain water collected in the evaporating dish from the exhaust port located at the bottom of the rear side. (The evaporating dish is not visible from outside.)

*As it is heavy, the work must be performed by two people.
*Small children or people not confident about their physical strength should not try to participate and should ask a transportation company to do the work.



- 7 Gently transport the unit with 2 or more people, gripping the hand-holds on the lower-front interior and the upper-rear of the unit.

- Do not lay the unit on its side (doing so can cause malfunction of the compressor).



Front Lower interior Upper part of back side

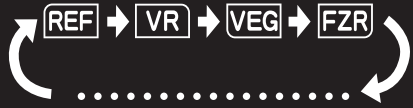
Warning
It uses flammable refrigerant, do not damage the refrigerant circuit. If the gas leaks, ignition or explosion may be caused.

To move the refrigerator or to change the direction

- 1 Lift adjustable supports [page 7](#)
- 2 Move it in forward and backward directions
*Dragging it in directions other than the longitudinal forward and backward directions may cause damage to the floor.
- 3 Make sure to place a cloth for floor protection underneath the caster and rear support before changing directions.

If all indicators blink 3 times every 30 to 60 seconds even though no button has been pressed.

Or, if the compartment display and temperature control display on the control panel blink in turn repeatedly. (Demonstration operation mode)



- The refrigerator suspends its cooling function during this mode. Please contact the retail store at which you purchased it or reset the demonstration operation by the following resetting method.

How to cancel demonstration operation

- 1 Keep the refrigerator door open.
- 2 Press **SELECT/QUICK HOLD/RESET**, **ECO** and **ICE SELECT** simultaneously and hold for about 5 seconds. (Until a “beep” sound is heard)

If mark is blinking rapidly (about 5 times per second)

Or if the alarm cannot be turned off.

Contact the retail store at which you purchased it or the consumer service office. [page 31](#)

- Pressing “ICE SELECT” and holding for about 5 seconds will stop the alarm if it keeps sounding. However, as it is necessary to perform inspection, please contact the retail store at which you purchased it or a Customer Service representative.

The unit will not be used for a long period of time

- 1 Clean the automatic ice maker. [page 23](#)
- 2 After removing the power plug from the outlet, clean the interior of the unit. Leave the doors open for 2 to 3 days to sufficiently dry the interior of the unit.

*Failure to sufficiently dry the interior of the unit can cause molding, odours, and refrigerant (gas) leakage due to corrosion of the condenser.



Specifications

If you want to select precisely temperature control mode (Fine adjustment mode)

You can set fine adjustment mode for the refrigerator, freezer or versa (only when “FZR” is selected) compartments.

- During fine temperature control, the selected compartment blinks every 10 seconds.


Selecting fine adjustment mode












- 1 Press  and  simultaneously and hold for about 3 seconds. (Until a “beep” sound is heard)

To reset Follow the same procedure as above.

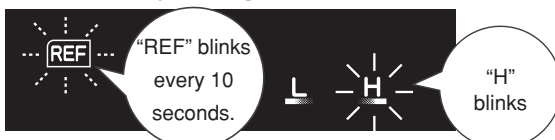
Performing fine adjustment

- 1 Press  to display the compartment you want to make fine adjustment.

- 2 Press  repeatedly to make fine adjustment.

Fine Temperature Control	
	Low mode page 10
	App. 0.3°C lower than “L”
	App. 0.6°C lower than “L”
	Selecting “L” and “M” page 10
	App. 0.3°C higher than “M”
	Medium mode page 10
	App. 0.3°C lower than “M”
	Selecting “M” and “H” page 10
	App. 0.6°C higher than “H”
	App. 0.3°C higher than “H”
	High mode page 10

Ex.: When the refrigerator compartment is set 0.6°C lower than “L”.




*The displays above are meant for explanatory purposes only. The temperature may vary according to the usage conditions, such as how foods are stored and opening/closing frequency of the refrigerator door.

This appliance is designed for use in New Zealand only and can not be used in any other country. No servicing is available outside of New Zealand.

	Accessories	Units
	Model	MR-G57N
Refrigerator Compartment	Elevating Shelves	2
	Two-way flexishelf	1
	Slide chilled case	1
	Lid of slide chilled case	1
	Water tank (with light-type bacteria removing filter with plumbum-removal function.)	1
	Change pocket (large)	2
	Change pocket (small)	2
	Small item case	1
	Free egg shelf	1
	Bottle pocket (large)	1
Bottle pocket (small)	1	
Ice Making Compartment	Ice storage bin	1
	Soundproof mat	1
Versa Compartment	Ice server	1
	Versa case	1
Vegetable Compartment	Aluminum tray	1
	Vegetable case	1
	Slide case	1
Freezer Compartment	Vegetable pocket	1
	Freezing case (top)	1
	Freezing case (bottom)	1
	Leg cover	1

Troubleshooting

When	Check the following	Solutions and reasons
Unit does not cool at all	<ol style="list-style-type: none"> 1 Is the unit receiving power? 2 Compartments and temperature control modes on the control panel blinks in turn. 	<ol style="list-style-type: none"> 1 Check the power plug and the main power supply. 2 Under demonstration operation. Please reset the demonstration operation mode. page 26
Unit does not cool sufficiently; unit does not produce ice or ice melts	<ol style="list-style-type: none"> 1 See if the selected temperature control mode for the compartment that is not cooling enough is "L". 2 Have you just begun using the unit? 3 Have you impeded heat ventilation due to no space around the refrigerator, placed it in direct sunlight, etc.? 4 Anything obstructing the cool air flow? Or is the door being opened frequently or left ajar? 	<ol style="list-style-type: none"> 1 Change setting to "M" or "H". 2 It sometimes takes 4-5 hours for unit to cool and up to 24 hours for ice to make in the summer. 3 Check that installation was properly executed. page 6 4 Check that the unit is not excessively packed with food items and that the doors are not ajar. page 7
Ice maker does not produce ice or produces very little ice. Water level in tank does not decrease. Making ice time is long	<ol style="list-style-type: none"> 1 Have you just begun using the unit? 2 Are the water supply pump and pipe set properly in the water tank? 3 Is the water supply pipe set properly in the tank holder? 4 Have you left food or the ice server laying in the ice storage bin? 5 Is the ice making compartment set to "STOP"? 6 Is the ice making compartment set to "CRL"? 7 Is there enough water in the water tank? Is the refrigerator tilted? 	<ol style="list-style-type: none"> 1 It sometimes takes 4-5 hours for unit to cool and up to 24 hours for ice to make in the summer. 2 In particular, check that the outlet of the pipe in the tank is securely installed to the tank. page 22 3 Check the installation. page 22 4 Assume that there is sufficient ice in the storage bin. Remove foods, etc. from the storage bin. Level out the ice evenly in the storage bin. 5 Select either "REG", "QCK" or "CRL" mode. 6 "CRL" takes longer time to be made than usual ice. (approx 5-8 hours) 7 Sometimes there are few pieces of ice in a batch. page 21
Items in compartments other than the freezer compartment begin to freeze	<ol style="list-style-type: none"> 1 See if "H" or "CHIL" is selected for the temperature control mode. 2 Have you placed items with high water content in the back of the unit? 3 Is surrounding air temperature less than 5°C? 	<ol style="list-style-type: none"> 1 Change setting to "M". Keep in mind that temperature temporarily drops during "QUICK" mode. 2 Please place water-containing foods, such as tofu, vegetables and fruits, and beverages at the front side. 3 Set refrigerator compartment and vegetable compartment to "L" to prevent freezing.
Items in the versa compartment begin to freeze	<ol style="list-style-type: none"> 1 Is "SOFT FZR" or "FZR" selected for the temperature control mode? 	<ol style="list-style-type: none"> 1 If "SOFT FZR" or "FZR" is selected for the temperature control mode, food will become frozen.
Items in the versa compartment begin to melt	<ol style="list-style-type: none"> 1 Is the temperature setting set to "REF" or "CHIL"? 2 Has the temperature just been adjusted or have you just begun using the unit? 3 Are the items on top packed too tightly? 	<ol style="list-style-type: none"> 1 Items will not freeze when the temperature setting is set to "REF" or "CHIL". 2 It takes some time for the unit to cool. Wait at least 30 minutes before placing frozen foods in the versa compartment or use fast cooling. 3 Place the food items so that the cool airflow can flow above the items.
Temperature cannot be adjusted	<ol style="list-style-type: none"> 1 Is  displayed? 	<ol style="list-style-type: none"> 1 Cancel the child lock setting. page 13
Control panel is extinguished	<ol style="list-style-type: none"> 1 The display illumination will turn off after 30 seconds if no button is pressed for energy-saving purpose. Pushing any button, the display panel will go on. 	

If situation does not change even after troubleshooting, immediately contact a representative of the retail store where purchase was made.

Dew drops get accumulated on the outside or inside the refrigerator.

- Do you open the door frequently or is the door ajar?

- When moisture in the air is cooled, frost or dew drops are formed. Dewdrops or frost may accumulate even on a small space formed at the door. Such dewdrops may drip onto the floor. **page 7**

Frost gets accumulated in the freezer compartment.

- Is it a rainy or highly humid time of year?

- Moisture may temporarily collect on the unit. Wipe with a dry cloth. Frost can form easily in the freezer compartment. Try to reduce the time that the door is open.

Water drips onto the floor.

The door is easy to open

The door will not close



- Does any food come in contact with the refrigerator door? Are too many foods stored in the refrigerator?
- Is any food dropped into the back side of the sliding door, or is the power cable placed between the unit and the door?
- Is the unit installed properly? Are the adjustable supports right on the floor?

- Be careful not to stick any stored foods out of the shelves or cases.
- Remove dropped items and items trapped between the doors.
- Lower the adjustable supports to raise the front of the refrigerator slightly and make closing the door easier.

page 7

You are concerned by strong odours (from food or ice)

- Have you placed items with strong odours inside the unit without covering them with plastic wrap?
- Is the water tank clean?

- The deodoriser can not completely remove extremely strong odours, so be sure to cover with plastic wrap. **page 7**

- Perform maintenance and clean regularly. **page 22**

The water tank or the water supply pipe freezes

- Is the pipe securely attached to the water tank? Is there any foreign object in the pipe or pipe joint?
- Is any food or plastic dropped into the back side of the case in the ice making or freezer compartment?

- Improper installation or any foreign object might produce a clearance. Then the cold air can flow backward to cause freezing. **page 22**

- The cold air flows backward to cause freezing. Remove the dropped food or plastic.

Your television picks up noise

- Is your television or other appliances located near the refrigerator?
- Is the refrigerator's power outlet close to the antennae drop area?

- Relocate unit at a distance from televisions and other appliances.

- Use a dedicated power source.

Noise is loud the unit makes disturbing sounds

the following sounds are normal



- Sounds suddenly get louder or tone changes.
- Rattling, squeaking sounds sometimes (every 1-2 hours).
- After the power supply has been turned on, a howling or creaking sound is heard during ice making "STOP" mode (every 1 to 2 hours).
- Whistle sounds after closing doors, etc.
- Hissing, bubbling sounds sometimes
- When the door is opened a whipping sound or a sound like water dripping is heard from the inside of refrigerator.
- Sounds like buzzing mosquitoes.
- Low whirring sound sometimes after opening the freezer compartment door.

- The unit has switched to high-speed operation for powerful cooling during first operation, when temperature is hot, when doors are opened and closed frequently, during "QUICK" mode, etc.

- These are sounds made during automatic ice making. The unit's automatic ice maker and pump make a sound every 100 minutes or so, regardless of whether or not the tank is filled with water.

- These are sounds made during automatic ice making operation check. This sound is made even during "STOP" mode.

- It is the sound of a fan motor starting to run.

- It is the sound of refrigerant (gas) flowing.

- This is a creaking sound made when warm air has penetrated the unit, causing plastic parts to expand.

- The sound is made when the air control damper operates.

- This is the sound of the airflow from the cooling fan.

Ice is dented, comes out cloudy small melts

- Refer to page 21 regarding shape and clarity of the ice. **page 21**

The water tank and water supply pipe become warm

- The anti-freeze heater is turned on. This is normal.

The outer walls heat up; wind blows from the floor

- It is because the refrigerator is attached with heat release / anti-condensation pipe on the sides and ceiling, anti-condensation heater in the partition between left and right refrigerator doors and also a heat release accelerating fan at the bottom. Immediately after installation or during summer time, the outside temperature may become high (app. 50 to 60°C) or hot air may blow out from the bottom. These are necessary for cooling and are not considered as abnormal.

MEMO

MEMO

- 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.
- **WARNING** - Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- **WARNING** - Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- **WARNING** - Should the refrigerant circuit be damaged, do not use electric items or fire equipments near by, and open the window to ventilate the room. And contact the retail store at which you purchased it or the following MITSUBISHI SERVICE CENTER.



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Wellington

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Auckland

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Auckland
Phone: (09) 526 9340

Christchurch:

Suite 2, Level 1
37 Mandeville street
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Phone: (03) 341 7052