



Refrigerator-Freezers

冷藏冷凍雪櫃

SERIES MODEL

系列 型號

MR-V45EH

OPERATING INSTRUCTIONS

操作指引



R600a

Non-Freon Refrigerators

This refrigerator uses non-Freon refrigerant (isobutane) and non-Freon foam insulation (cyclopentane). These materials are harmless to the environment, which does not affect the ozone layer and global warming.

使用非氟利昂的雪櫃

這個雪櫃使用非氟利昂冷媒(異丁烷) 和非氟利昂發泡隔熱材料(環戊烷)。
這些物料不會對環境造成破壞，也不會破壞臭氧層以及使全球暖化問題惡化。

- Maintenance work shall only be carried out at workshop by well-trained maintenance worker.
- Please read this manual carefully and follow the information contained within. In particular, be sure to read the safety precautions before using this refrigerator.
- Be sure to receive your copy of the warranty from the retailer and confirm that the purchase date and retailer name are written on the warranty.
- Store this operating instructions manual and the warranty in a safe place.
- This refrigerator was manufactured for refrigerating and freezing of foods in general households. For commercial use, please use a commercial refrigerator-freezer.
- The principal plastic components indicate the material name to facilitate recycling.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- This appliance is intended to be used in household application only.
- WARNING - When positioning the appliance, ensure the supply cord is not trapped or damaged.
- WARNING - Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- WARNING - Just in case of having damaged the refrigerant circuit, 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 CENTRE.

- 維修工作必須由受過訓練的技師在工場進行。
- 請細閱此說明書，並依照書中指引使用雪櫃。使用雪櫃前，請務必細閱有關安全措施。
- 請確定已從經銷商處取得保養書。保養書上應列明購買日期及經銷商號。
- 請將此使用說明及保養書妥為保存。
- 此冷藏冷凍雪櫃只宜作為一般家居冷藏及冷凍食物用。如要作商業用途，請另購商用冷藏冷凍雪櫃。
- 主要塑料組成部份顯示有物料的名稱，以方便循環再用。
- 切勿在本雪櫃內存放爆炸性物質（例如裝有可燃推進劑的氣霧罐）。
- 此冷藏冷凍雪櫃只宜作為一般家居冷藏及冷凍食物用。
- 警告：放置冷藏室時，請確保電源線沒有被夾住或損壞。
- 警告：請勿在冷藏室背面放置多個便攜式插座或便攜式電源。
- 警告：如果冷媒迴路已損毀，不要使用周圍的電器用品或滅火設備，並開啟窗戶以使室內空氣流通。
請聯絡您購買本雪櫃的商店或以下的三菱服務中心。

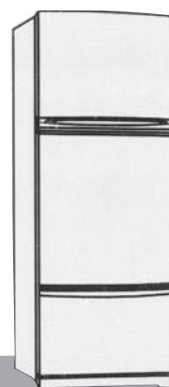


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- Please make sure that you understand the details of this manual well before using your refrigerator, and always follow the manual strictly in the interests of your own safety.

Safety Precautions

- The types of danger that can result from improper handling are explained in the sections below.

WARNING

Mishandling can lead to serious injury or death.

CAUTION

Mishandling can lead to bodily injury or loss of home and household contents.

- The symbols illustrated below have the following meanings.



Do not do



Do not touch



Do not take apart, repair or convert



Do not get wet



Do not touch with wet hands



Always follow instructions



Always connect an earth wire



Always unplug electrical plug from socket

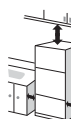
- When something abnormal or unusual occurs, turn off immediately and consult with "the store where you purchased the unit" or with a "Mitsubishi Electric Service Centre."

WARNING

When installing your unit

Allow some space around the refrigerator.

If the refrigerant (gas) leaks, it can remain in the area and there's a risk that it may cause a fire or explosion.



Leave space around unit



Do not install in an outdoor area where water can get on it or where there is a lot of moisture. Due to insulation failure, it may cause an electric shock or fire.



Page 4

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.)

Using an extension cord or plugging in too many power cords into the outlet can cause heat buildup or a fire.

Page 4

Only use on outlet that meets the specified rating.



If the power cord is damaged.

If the power cord is damaged call Mitsubishi Electric Service Centre for a technician to replace power cord. The power cord should be designed for this model.

Page 4



Service Call

Keep the electrical plug cord facing downwards and insert the plug in fully.

If it is plugged with the cord facing upward, extra pressure gets exerted on it which can cause it to heat up or ignite.



Plug with cord downward



About the electrical outlet and electrical plug

When replacing the interior refrigerator light or when taking care of the unit, pull out the electrical plug.

Not doing so can result in an electric shock or injury.



Pull out the plug



Do not push the electrical plug with the back of the refrigerator. Do not damage the electrical cord.

If the plug is pressed by the refrigerator, or if the cord is bent, bundled, or a heavy object is placed on it, it can cause an electric shock or a fire.



Do not do

Do not use damaged cords or plugs or loose outlets.

Using them can result in an electric shock or injury.



Do not use

Do not remove the electrical plug by pulling the cord.

The cord can become damaged and can cause an electric shock or a fire.



Do not do

Remove dust from the electrical plug.

Not doing so can cause a fire from insulation failure.



Remove dust

Do not plug or unplug the electrical plug with wet hands.

It can cause an electric shock.



Do not use wet hands

CAUTION

Installing and Transporting

Install on a strong level floor and adjust the adjustable legs to fix firmly.

The refrigerator may move and cause injury.

Page 4



Make sure it's level



When carrying, use the handles made for carrying.

If other parts are held while carrying, it can cause injury.

Page 12



Use carrying handles



About Using

Do not force food items into the refrigerator. Do not use force to pull out shelves.

Food items may fall out, causing injury.



Do not do













Do not touch foods or containers in the freezer compartment with wet hands.

Doing so can cause freezer burn.









Do not use wet hands

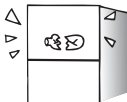




! WARNING

About using your refrigerator		
<p>Do not put any vessels, jars, etc. that contain water on top of the refrigerator. If water gets onto electrical parts, it will cause an electric shock or a fire.</p>  <p style="text-align: right;">Do not get wet</p>	<p>Do not use electrical products inside the refrigerator unit. If the refrigerant (gas) is leaking inside the unit, there is a risk that a spark from the electrical product's contact can be a source for ignition or explosion.</p>  <p style="text-align: right;">Do not do</p>	<p>Do not store volatile products that can easily ignite. Benzene, cosmetics and hair styling products can be the cause for igniting fires and explosion.</p>  <p style="text-align: right;">Do not store</p>
<p>Do not place items on top of the refrigerator. Items may drop from opening and closing the door and can cause injury.</p>  <p style="text-align: right;">Do not do</p>	<p>Do not store pharmaceuticals or scientific test material. Anything that needs strict supervision must not be stored in a home-use refrigerator.</p>  <p style="text-align: right;">Do not store</p>	<p>Do not hang on the door or door handle, and do not get on compartment drawer-type doors. The refrigerator can topple over causing injury.</p>  <p style="text-align: right;">Do not do</p>
<p>When opening and closing the door, be careful not to let it hit any surrounding furniture. There is a risk of injury and the door or furniture is damaged.</p>  <p style="text-align: right;">Prohibited</p>	<p>Do not damage the refrigerant circuit (piping) of the refrigerator; do not drive in screws. Because a flammable refrigerant (gas) is used, there is the danger of igniting or explosion.</p>  <p style="text-align: right;">Do not do</p>	<p>If you sense a gas leakage, do not touch the refrigerator. Open the window and ventilate the room. A spark from the electrical contact can cause an explosion or a fire.</p>  <p style="text-align: right;">Ventilate the room</p>
<p>Do not wash with water or spill liquid food items on the unit. If water and food liquids get on the unit, it can cause an electric shock or a fire. If that happens, dry off immediately.</p>  <p style="text-align: right;">Do not get wet</p>	<p>Do not use flammable sprays nearby. A spark from the electrical contact can ignite and cause a fire.</p>  <p style="text-align: right;">Do not use</p>	<p>Do not use in a shed or a garage. If small animals damage the wiring, it can cause an electric shock or a fire.</p>  <p style="text-align: right;">Do not use</p>
<ul style="list-style-type: none"> ● 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. ● This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely. ● Children should be supervised to ensure that the refrigerator is used properly. ● This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance. 		

About Malfunctions / Long Term Care

<p>In case the refrigerant circuit is damaged, do not use any electric appliances or fire equipment nearby, and open all windows to provide good ventilation. Please also contact your local maintenance agent to follow up.</p>  <p style="text-align: right;">Ventilate the room</p>	<p>If something abnormal occurs (such as a burning smell), pull out the electrical plug and stop the refrigerator from running. If it continues to run in an abnormal state, it can cause an electrical shock or a fire.</p>  <p style="text-align: right;">Pull out the plug</p>	<p>Do not take apart, repair or convert. Do not continue to use with damaged parts. This can cause injury, an electric shock or a fire.</p>  <p style="text-align: right;">Do not take apart</p>
<p>If there is a possible danger of a child getting trapped inside while the refrigerator is not in use, please pull off the door seal. It is dangerous if the child gets shut inside.</p>  <p style="text-align: right;">Remove the door seal</p>	<p>If you will not be using the refrigerator for a long period of time, after pulling out the electrical plug, open the door and let the interior dry out. If it is not dried adequately, the cooling unit may corrode causing the refrigerant (gas) to leak which can then cause the danger of ignition or explosion.</p>  <p style="text-align: right;">Dry properly</p>	<p>When disposing of the unit, transfer it to the store that you purchased it or to the municipality. If it is neglected and refrigerant (gas) leaks, ignition or an explosion may be caused due to heat from a fire.</p>  <p style="text-align: right;">Transfer it over</p>

! CAUTION

About Using Your Unit		
<p>Do not store bottles in the freezer compartment. If the center freezes and bottles crack, it will cause injury.</p>  <p style="text-align: right;">Do not store</p>	<p>Do not eat foods that have a bad smell or are discolored. Doing so may cause food poisoning or other illnesses.</p>  <p style="text-align: right;">Do not do</p>	<p>When opening and closing the door.</p> <ul style="list-style-type: none"> ● Do not open or close the door while someone else is in the way. ● Do not place your fingers at the top of drawer-type doors when closing the door. ● Do not close the lower drawers with your foot (as it may get caught). ● Do not open or close the door forcefully (food items may fall and cause injuries)  <p style="text-align: right;">Do not do</p>
<p>Do not place your hands or feet under the refrigerator. You can get injured from something such as the steel plate.</p>  <p style="text-align: right;">Do not touch</p>	<p>Close the door by holding the handle. Hold it in a way so that you don't get your fingers caught in the door. Not doing this may cause injury.</p>  <p style="text-align: right;">Hold the handle</p>	

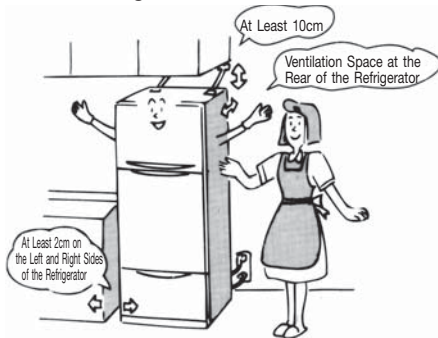
Installation and Electrical Connections

1

Installation

Location

- Putting objects on top of and to the side of the refrigerator reduces clearance, which in turn limits heat ventilation, reduces coolness and wastes electricity.
- If the refrigerator is too close to surrounding surfaces, it will produce a shaking noise.
- If space for ventilation is limited, the product life of the refrigerator will be shortened.



Temperature of External Surfaces

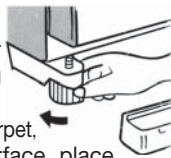
- The temperature may sometimes exceed 50-60 °C, especially in the hot season.

Heat and Humidity

- Exposure to direct sunlight may reduce the coolness of the refrigerator and waste electricity.
- High humidity may rust and damage the refrigerator.

Install on a Completely Flat and Rigid Surface

- Adjust the height of the leveling leg to ensure that the refrigerator is stable and to reduce shaking and vibration.
- If the refrigerator is installed on carpet, rubber floor tiles or a rough surface, place a solid material under the four leveling legs.

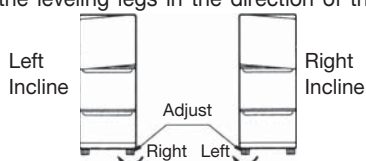


CAUTION

When installing the refrigerator on carpet or rubber floor tiles, place a solid material underneath. This will protect the mounting surface and also prevent the refrigerator from becoming unstable.

Adjusting the Refrigerator Door

- Adjust the refrigerator to ensure that it is parallel to the ground. If the refrigerator is not parallel to the ground, turn the leveling legs in the direction of the arrow.



Use in hot spring areas

Corrosion control treatment may be required for the refrigerant circuit (pipe) due to generation of corrosive gases. Contact the retail store where you purchased the refrigerator.

WARNING

Do not block the area in the vicinity of the refrigerator.
If refrigerant leaks, it may accumulate and catch fire or explode.

Do not damage the refrigerant circuit (pipes) or drive screws into it.

Although R600a refrigerants are combustible, the refrigerant circuit is hermetically sealed and normally leaks will not occur.

WARNING

In case the refrigerant circuit is damaged, do not use any electric appliances or fire equipment nearby, and open all windows to provide good ventilation.

Please also contact your local maintenance agent to follow up.

Electrical Connections

IMPORTANT: For reasons of personal safety, this appliance must be properly grounded.

- The refrigerator should always be plugged into its own individual electrical outlet. This is recommended for best performance and also in order to prevent the overloading of household wiring circuits. Overloading electrical circuits may cause a fire hazard and overheated wires. Extension cords are not recommended. Be sure to prepare a socket capable of supporting the electrical current required.
- If your refrigerator has a grounding plug, please use it correctly. The 3-point plug must be inserted into a mating 3-point grounded receptacle. If the installation location does not offer a proper 3-point grounding wall receptacle, a proper one must be fitted. The ground point should never be cut or removed.
- If your refrigerator has an ungrounding plug, connect the earth line to the screw provided at the lower rear of the refrigerator.
- If the power cord is damaged, purchase a new cord exclusively for this model from the MITSUBISHI ELECTRIC SERVICE CENTER.

2**Clean the Door Gasket****3****Plug In****4****Store Foodstuffs after 4-5 Hours**

* If the refrigerator is not cooling sufficiently, refrain from opening the door as cool air will escape.

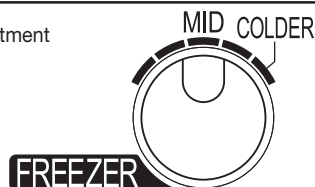
- In high temperatures or during the hot season, all foodstuffs in the refrigerator sometimes require 24 hours. The coolness of the refrigerator should be checked 24 hours before refrigerating ice-cream.

Temperature Control and Adjustment

Temperature Control

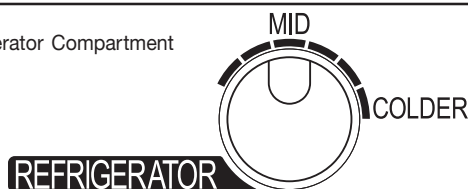
- Both the freezer compartment and the refrigerator compartment have a temperature control.
- "MID" is recommended for normal usage.
Turn the dial to "COLDER" when storing a large quantity of frozen foods, ice cream etc., in the freezer compartment.
Turn the dial to "FREEZER" when only using the freezer compartment to make ice.

Temperature Control of the Freezer Compartment



- "MID" is recommended for normal usage.
If you would like items in the refrigerator compartment to be colder, turn the dial to "COLDER".
If the items are too cold or freeze in the refrigerator compartment, turn the dial to "REFRIGERATOR".

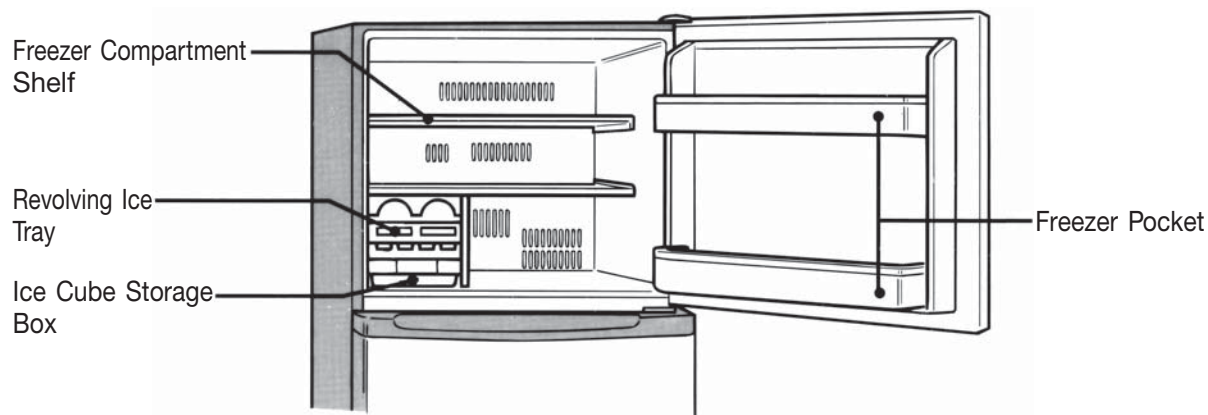
Temperature Control of the Refrigerator Compartment



Automatic Defrosting

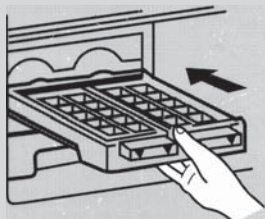
The defrosting heater provides automatic defrosting in the refrigerator according to the accumulated time calculated by the microcomputer, so there is no need to defrost it manually. Water produced during defrosting passes through the drainage hose at the rear and collects in the drain pan in the lower rear part of the refrigerator. Then, it automatically evaporates with heat from the refrigerant pipe, which is utilized as a radiator.

Freezer Compartment

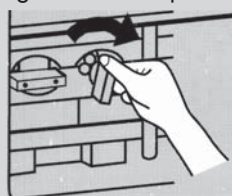


Revolving Ice Tray

Pour water into each section of the ice cube tray, place on the rails of the "ice corner" and push in.

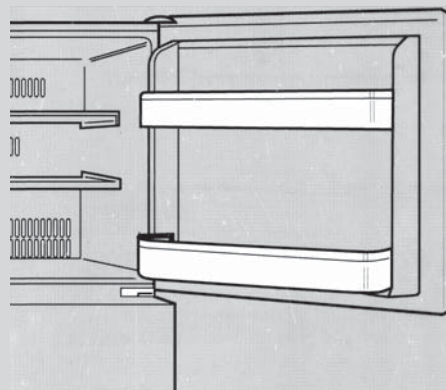


After ice cubes have formed in the tray, turn it upside down using the handle provided and allow the ice cubes to fall into the storage box underneath.



Freezer Pocket

Two freezer pockets are provided for sufficient storage in the refrigerator.

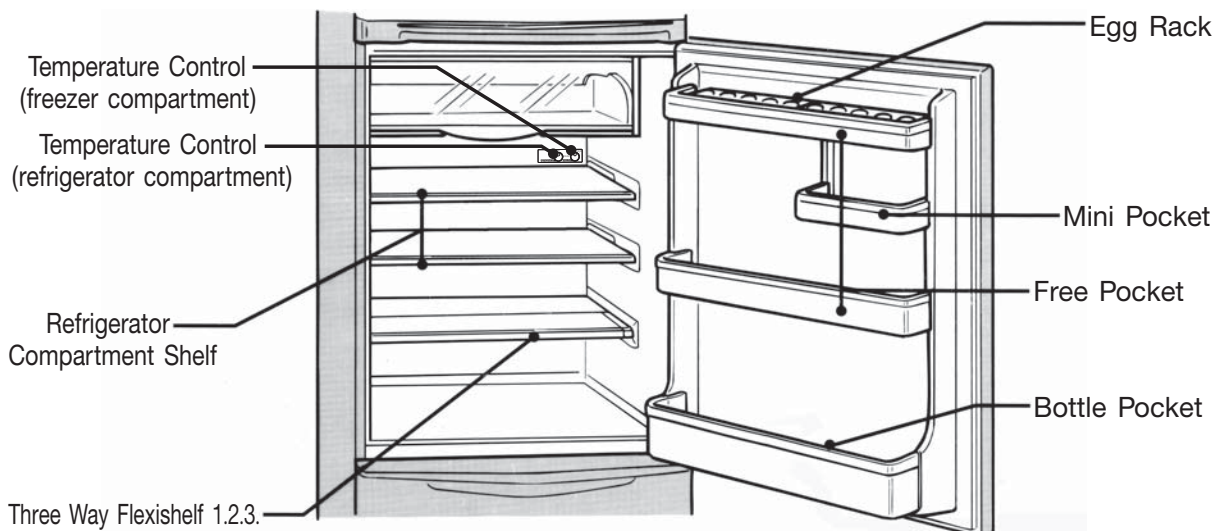


Please refrain from storing hot foodstuffs in the freezer compartment.

Important

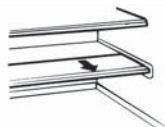
- Do not use the ice cube storage tray for the purpose of making large ice cubes. This may damage the tray.
- Do not put any kind of flammable substance (such as ammonia or uric acid) in the refrigerator.
- Leakages from the refrigerator will cause the appliance to rust.
- When using mineral water to make ice cubes, the cubes may appear cloudy. This is due to crystallized calcium carbonate in the water, but is harmless.
- Ensure that the water does not exceed the level indicated, otherwise separating the ice cubes will become difficult.

Refrigerator Compartment



Three Way Flexishelf 1.2.3.

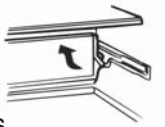
1. Pull the front of the Three Way Flexishelf up slightly and push the shelf in.



2. Lift the front of the shelf up and push it back to the rear.

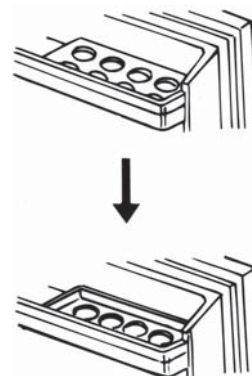


3. To return the shelf to its original position, fold it back and pull the front part forwards.



Egg Rack

Part of the egg rack may be turned over in order to store small items together with the eggs. Otherwise, the entire egg rack may be turned over and small items stored in the free pocket instead of eggs.



Suggestions

The freezer compartment, refrigerator compartment or vegetable compartment may become too cold as a result of the following causes:

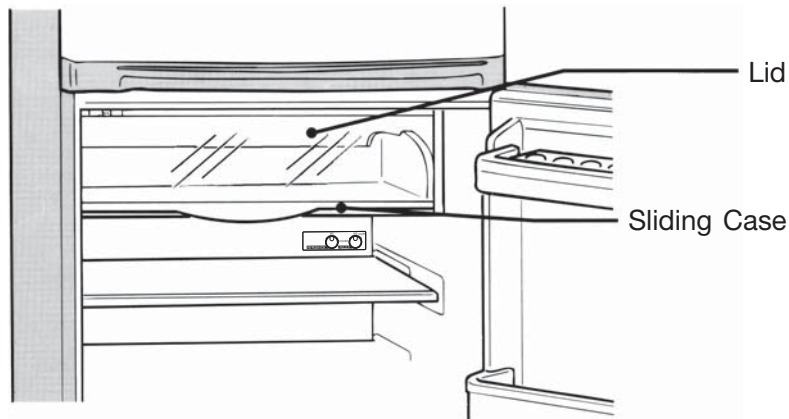
- The temperature control knob is set to "COLDER".
- If the temperature control knob is set to "FREEZER" in the winter at a temperature of below 5 °C, the foodstuffs inside the refrigerator may become frozen.

Location of Foodstuffs

- Bottles are stored at an angle for easy access. Depending on their size, commercially-available bottles may be too large to fit in the door pocket and may prevent the door from closing firmly.

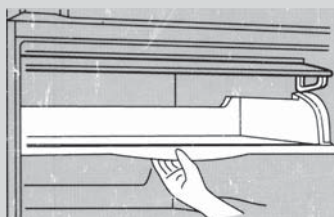


Sliding Case



Sliding Case

Open by pulling out the case.



Be Careful When Closing the Refrigerator Door

- Before closing the refrigerator compartment door, make sure that the sliding case is pushed all the way in (and the lid is closed correctly), otherwise the lid may be damaged when the refrigerator door is closed.



Refrigerator Compartment Facilities: Adjustable Temperature Control Knob

Maintains Freshness

Able to preserve the original taste of foodstuffs for long periods (milk products), and also delay the ripening of fruit.



Storage Period

Vegetables can be kept twice as fresh if stored in the vegetable compartment for one week.



Foodstuffs in the Freezer Compartment

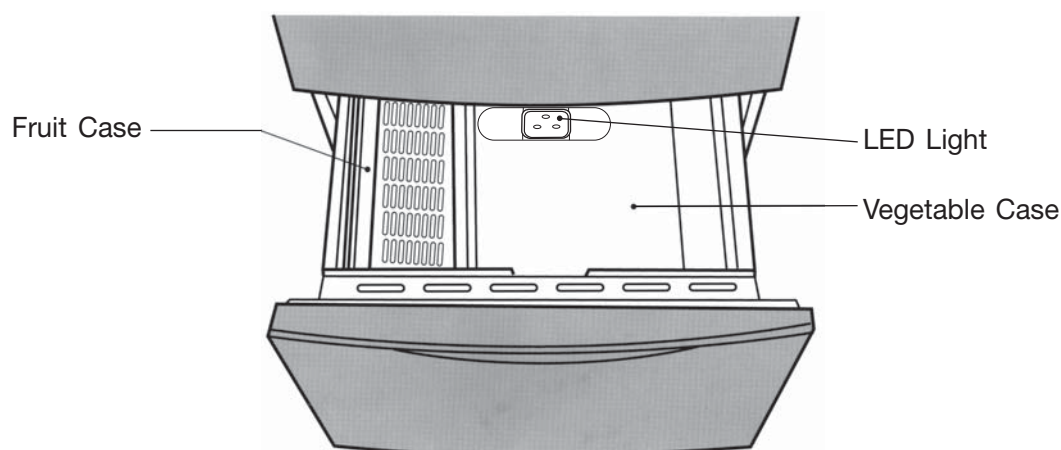
Prevents food from rotting and the spread of bacteria.



Vegetable Compartment

LED light in the vegetable case

The LED light with specially selected light spectrum installed in the Vegetable compartment can increase the Vitamin C and preserve freshness in green vegetables by introducing photosynthesis process.



Suggestions

- Store vegetables using transparent containers or wrappings to enable exposure to the LED light.
- With exposure to the LED light, photosynthesis process for green vegetables will be enabled, the effect will depends on the initial freshness of the vegetables stored.
- Do not use any sharp objects to scratch or adjust the LED light to prevent damage which may affect its normal operation and effectiveness.
- If the LED light is damaged or not operating, do not adjust or repair, please seek technical assistance from the authorized service center.

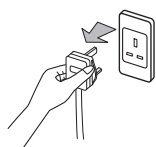
Vegetable Compartment

CAUTION

- Please refrain from storing heavy or liquid foodstuffs in the vegetable case in order to prevent the case from cracking.
- To preserve the freshness of fruit and vegetables, wrap foodstuffs in paper or foil before storage.

Maintenance

Before Maintenance



Disconnect the plug from the power outlet.

⚠ CAUTION

When performing maintenance, make absolutely sure that the power plug is first disconnected from the power outlet to prevent electric shock.

Cleaning



- Disconnect the plug and clean the removable compartments.
- Dip a soft cloth into lukewarm water with cleanser.
- After cleaning, wipe off the remaining cleanser completely until dry.

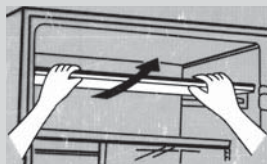
- Only use dust cloth when cleaning in compliance with the manual.

- Refrain from using oil or brushes when cleaning, as this will damage the door gasket.



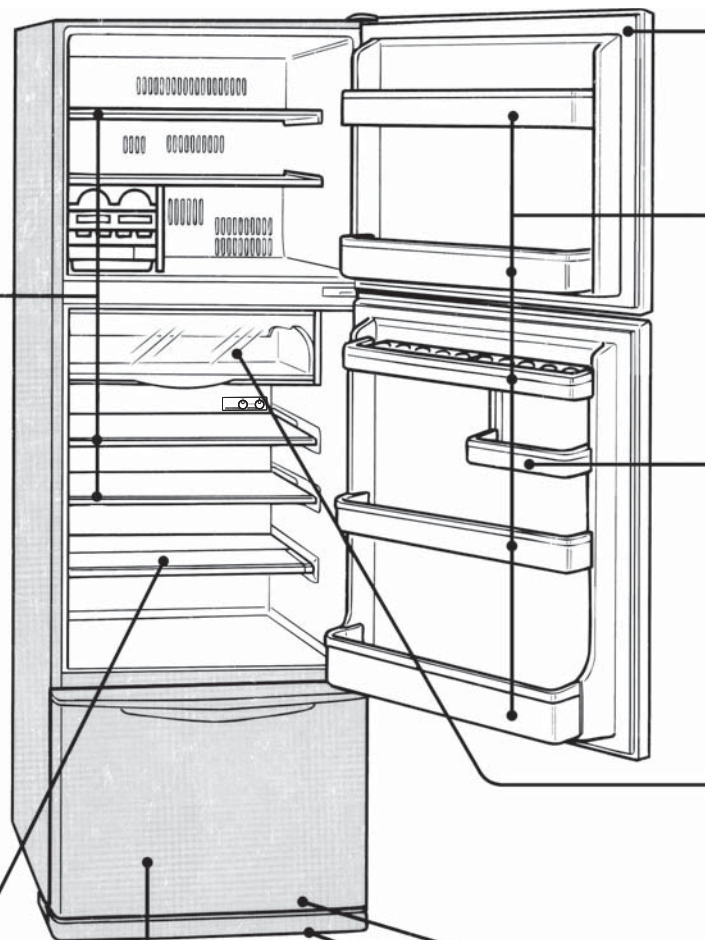
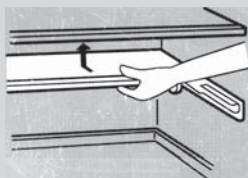
Freezer and Refrigerator Compartments

Pull the reversible freezer shelf out and pull the reversible refrigerator shelf forwards.



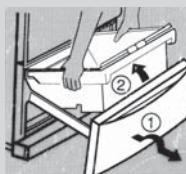
Three Way Flexishelf 1.2.3

Pull out while holding and lifting the Three Way Flexishelf.



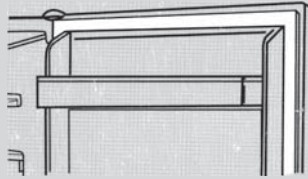
Vegetable Case

- (1) Pull the vegetable case handle all the way out.
- (2) Raise a little, then pull it out further.



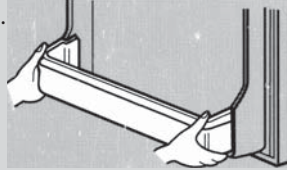
Door Gasket

If the door gasket gets dirty, it can be easily damaged and can cause cold air to escape.



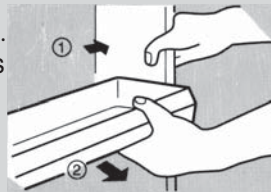
Freezer Pocket / Free Pocket / Bottle Pocket

- (1) Hold both sides to lift the rack.
- (2) Pull the rack towards you.



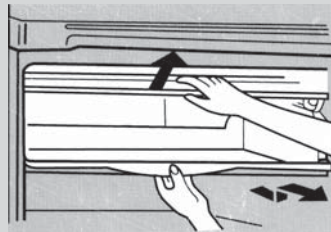
Mini Pocket

- (1) Push the protruding section.
- (2) Lift and pull the rack towards you.



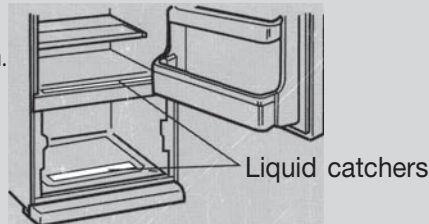
Sliding Case

Open the lid and pull out. Hold the right hand side and move the lid towards the left hand side. Pull out while lifting the rim upwards.



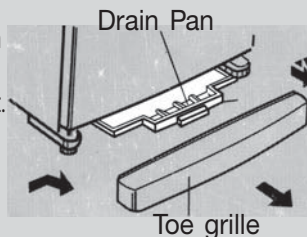
Liquid-Catching Indentations

Wipe away any dirt, liquid or condensation.



Drain Pan

- (1) Hold the toe grille on both the left and right hand sides, then press and gradually pull out.
- (2) Gradually pull the drain pan out using both hands.



How to Replace the LED Light

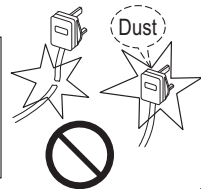
- In the event that the LED light is damaged or malfunctions, please refrain from adjusting or repairing it by yourself. Please contact the service center instead.

Maintenance After Cleaning

Check the refrigerator power cord and plug. Check to see if they are damaged. Check for dust on the plug. Check to see if the plug is abnormally hot. Check to see if the plug is loose.

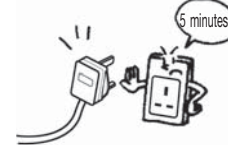
CAUTION

Have you connected the plug correctly? When moving the refrigerator, do not allow the power cable to become dirty or entangled, as doing so may damage it and create a shock hazard.



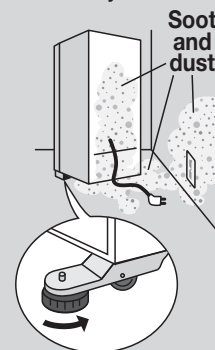
Plug In Again

After switching off the refrigerator, wait for 5 minutes before plugging it in again, otherwise the refrigerator will cease to function.



Rear of the Refrigerator and Installation Area

- ① Rotate all leveling legs up and move the refrigerator.
- ② Use a soft cloth to wipe the rear of the refrigerator and the dirty floor. Dust is caused by bad ventilation.



CAUTION

Refrain from using your hands to reach under the refrigerator as it is dangerous.

What to do in these situations

When there's a power failure.

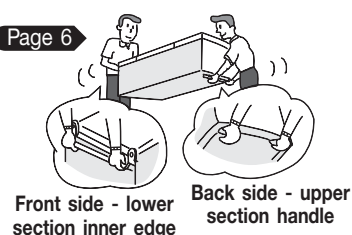
- Minimize opening/closing of doors and avoid putting in more food.

When not in use for a long time.

- Clean the Ice cube storage box and the Revolving Ice tray, clean the interior after unplugging the refrigerator, and keep the door open for 2 - 3 days to let it get dry.
- ※ If not allowed to dry properly, mold and odors can occur, or refrigerant (gas) may leak due to corrosion of the cooling unit.

When transporting.

1. Unplug the power plug.
 2. Discard the water/ice from the Ice cube storage box and the Revolving Ice tray. **Page 6**
 3. Use protective gear (protective gloves).
 4. Remove the toe grille and lift the leveling legs.
 5. Discard the water that has collected in the drain pan. **Page 11**
 6. With more than 2 persons, calmly and slowly transport the unit by grasping the front side's lower section inner edge and the back side's upper section handle.
- Do not lay or load on its side (it will cause damage to the compressor.)



When moving the unit / when changing the direction of the unit.

1. Lift the adjustable legs. **Page 4**
2. Move in a forward or backward direction. ● If moved other than a in forward or backward direction, there's a risk of damaging the floor.
3. When changing the direction of the unit, please use caster wheels or place a protective cloth under the back legs.

⚠ WARNING

Do not damage the refrigerant circuit, do not drive in screws, etc.

The unit uses a flammable refrigerant, so if the gas leaks out, there is the risk of ignition or an explosion.

Efficiency of the Freezer Compartment

This refrigerator offers 4 star efficiency **★★★★**, tested according to the Japan Industrial Standard (JIS C9607) with scheduled temperature (foodstuffs temperature).

Level	Temperature	Storage Period
★★★★ (4 star freezing)	Below - 18 °C	Approx. 3 months

■ JIS Testing Process

- (1) Tested within a temperature range of 0-10 °C throughout the process.
- (2) The standard temperature is 15-30 °C in normal installation locations.
- (3) 100L, 45kg of foodstuffs must be frozen at a temperature lower than -18 °C within 24 hours, considered 4 star freezing efficiency.

■ Storage

The product life of refrigerated foodstuffs depends on the type of food, method of storage and storage period.

- If the power cord is damaged, please call our Mitsubishi Service Center for a replacement in order to avoid a safety hazard.
- The refrigerator should be disposed of according to applicable laws in your country.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless provided supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- Carbonated drinks should not be frozen.

CAUTION

1. This appliance is designed for use in ambient temperature listed below.

MODEL NAME	AMBIENT TEMPERATURE RANGE	CLIMATIC CLASS
MR-V45EH-P	16 °C ~ 43 °C	T
MR-V45EH-ML	16 °C ~ 43 °C	T
MR-V45EH-H	16 °C ~ 38 °C	ST

The internal temperatures could be affected by such factors as the location of the refrigerating appliance, ambient temperature and the frequency of door opening, and, if appropriate, a warning that the setting of any temperature control device might have to be varied to allow for these factors.

2. A rise in temperature of the frozen food during manual defrosting, maintenance or cleaning could shorten the storage life.
3. Food to be frozen is not to be placed in direct contact with food in storage and, if appropriate, that it could be necessary to reduce the quantity to be frozen if freezing every day is anticipated.
4. The electrical power failure for 1-2 hour will only slightly effect the inside temperature. However, open & close of the door results in the temperature loss. In case there is more than 24 hours electrical power failure, the food should be taken out from the fridge.
5. In case you are leaving or there is no food in the fridge for more than 3 weeks, The fridge should be unplugged and cleaned.

Troubleshooting

When the refrigerator fails to operate:

- Check that the power cord is plugged into the power outlet.
- Check that the fuse (or circuit-breaker) has not blown.
- Check for a power failure.

When the refrigerator is not cooling sufficiently:

- Just 10 minutes after installation? The refrigerator usually requires 4-5 hours.
- Adjust the temperature control knob to a cooler setting (towards COLDER).
- Is the refrigerator exposed to sunlight or located near a hot stove?
- The door may not have been closed properly.
- You may have put hot or too many items into the refrigerator, so it may not be well-ventilated.
- The temperature control dial may not be set properly.
- Foodstuffs may be packed too tightly together, blocking the flow of cool air.

When the refrigerator is cooling excessively:

- The temperature control knob may be set to "COLDER".
- The temperature may be set below 5 °C.
- If you place foodstuffs containing high levels of moisture directly under the cool air outlets, they will freeze easily.

When water due to defrosting overflows inside the refrigerator and onto the floor:

- Is the door open?
- Are foodstuffs preventing the door from closing?

When noises are produced:

- After installation, turn on the refrigerator. You will hear the compressor starting to function.
- The automatic defrosting process produces noise approximately once a day. This helps to cool the refrigerant flow rapidly.
- A dripping sound may sometimes be produced by the refrigerant.
- A dripping sound may occur when opening the door. Warm air is allowed to enter the refrigerator and expands the gaskets, which causes the noise.
- The refrigerator fan grill will stop producing a noise at a certain fixed temperature. The airflow cooling system inside refrigerator is powered by the operation of the fan motor and grill.
- Due to the cool temperature inside the refrigerator, when the refrigerator door is opened, the external temperature will affect plastic parts and produce a noise. This is normal when opening the door.

When the side panel of the cabinet heats up:

- Heat buildup is caused by dissipation of heat absorbed from inside the cabinet, and does not indicate that there is something wrong with the unit.
- The refrigerator operates at a high temperature in the summer (50-60 °C).

Odors inside the refrigerator:

- Strong odors are produced by foodstuffs not wrapped in foil or paper.
- The ventilation opening may be blocked.

Odorous Foodstuffs

Onions, dry beef, beans, beef, sardines etc.

Deodorizing Foodstuffs

Bean curd, rice, salad, cake, milk, ice cubes.

When condensation forms on the exterior of the refrigerator:

- Condensation may form on the exterior when humidity is high, such as during the wet season. Alternatively, the door may not be closed properly.

Closing the refrigerator door:

- Kindly closed the refrigerator door slowly to prevent the opening of the freezer door due to air pressure.

If the refrigerator is still not functioning satisfactorily after all the checks have been made, please contact the after-sales service section (see the warranty book).

- **WARNING:** Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- This appliance is designed for use in Singapore, Malaysia, Hong Kong only and cannot be used in any other country. No servicing is available outside of Singapore, Malaysia, Hong Kong.
- This refrigerator uses flammable foaming gas for insulation. Please deliver the unit to specialized industrial waste dealer when you do away it. Please follow the rules in your country.
- The appliance is not intended for use by young children or infirm persons without supervision.
- Children should be supervised to ensure that the refrigerator is used properly.
- **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.
- In case the refrigerant circuit is damaged, do not use any electric appliances or fire equipment nearby, and open all windows to provide good ventilation. Please also contact your local maintenance agent to follow up.
- The refrigerator contains flammable refrigerant (R600a: iso-butane).
- The refrigeration system behind and inside the refrigerator contains refrigerant. Do not allow any sharp objects to come into contact with the refrigeration system behind and inside the refrigerator.
- Do not block the area in the vicinity of the refrigerator.
- The warning labels mentioned above shall be kept throughout the life cycle of the refrigerator. The user manual should be handed over to any person who would use or handle the refrigerator whenever the refrigerator would be transferred to another location and delivered to a recycling plant.
- 警告：須確保產品外圍或嵌入結構的通風位置沒有阻礙物。
- 本產品是專供新加坡、馬來西亞、香港使用，在任何其他國家不能使用。新加坡、馬來西亞、香港以外國家和地區不提供服務。
- 這台冰箱使用易燃發泡氣體絕緣。當你要廢棄它時，請將其送到專業的廢品處理商那裡，請遵守您國家的規則。
- 該設備不適合青少年兒童或體弱者在沒有監督的情況下使用。
- 小孩子應在看管下妥善使用冷藏櫃。
- 警告：切勿使用非由製造商建議的機械工具或其他方法加速除霜過程。
- 警告：切勿在冷藏櫃的食物儲蓄格內使用任何非由製造商建議的電器用具。
- 如製冷迴路遭到損壞，切勿使用鄰近的電力器具或明火設備，以及打開窗戶讓空氣流通，並請即時聯絡維修保養代理跟進。
- 本雪櫃含有易燃的冷媒 (R600a: 異丁烷)。
- 冰箱背面及內部的製冷系統包含製冷劑。嚴禁以任何尖銳物件碰觸製冷系統。
- 切勿堵塞冷藏櫃周圍的空間。
- 上文所述的警告標籤必須永久貼於冷藏櫃上。如冷藏櫃要搬到另一地方或回收，應把用戶使用說明書交給將會使用或處理該冷藏櫃的人士。

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