

使用說明書 HOW TO USE

HITACHI
Inspire the Next

只限在台灣使用
Use only in Taiwan

日立無霜全自動式多門電冰箱 REFRIGERATOR-FREEZER

家庭用 For household use

型號 Model	R-SF62BMJ	R-S59BMJ
	R-SF58BMJ	R-S51BMJ
	R-SF48BMJ	R-S49BMJ







六門形式 Six doors



五門形式 Five doors

非常感謝您這次購買日立電冰箱。
此電冰箱是家庭使用的。請勿使用於業務用途和儲存食品以外的目的上。
請詳閱本使用說明書，以達正確使用。
使用前，請務必詳閱「安全上之注意事項」。
請妥善保管本使用說明書與保證書。
當將電冰箱交給第三者在別的場所使用時，以及交給回收工場時，請將本使用說明書隨電冰箱一同轉交。

Thank you very much for purchasing a Hitachi Refrigerator.
This refrigerator is designed for home use only. Do not use this refrigerator for the business use and/or any purpose other than storing food.
Please read this operation manual carefully and ensure you use the appliance correctly. In particular, be sure to read the "Safety Suggestions" section of this operation manual before use.
Please keep this operation manual along with your guarantee card.
Hand over this operation manual together with the refrigerator when the refrigerator is passed to a third party and used in a different location, or when it is sent to a recycling plant.

- 購買後，初次使用時，需要時間冷卻。  8, 9頁
庫內冷卻可能需要約4小時至24小時以上。
- 請遵守可容納食物的高度，食品之間空開間隙儲放。  16, 20頁
過分塞堵食物，會造成食品及袋子被挾住，門關不緊，變冷效率低，不能製冰。
- **It may take time to cool for the first time.**  Pg.34, 35
It may take more than 4 ~ 24 hours to fully cool.
- **Make sure that any food does not protrude beyond the storage height limit of each compartment, and allow clearance between each food in each compartment.**  Pg.42, 46
Otherwise, food and/or package may not be stored in each compartment properly, and as a result, the door may not be closed completely. It may cause the refrigerator not to cool sufficiently and/or not to make ice.

首先 INTRODUCTION

寬廣真空室 Wide Vacuum Compartment

利用真空的特性來保存食品的營養與鮮度的真空冷凍，也就是以 [智慧型真空保存] 讓食品保鮮更簡單。

1. 日立獨自的真空保存系統

- 利用真空幫浦將冷凍庫內維持真空狀態，降低氧氣含量。
- 利用真空幫浦所產生的氣壓差，釋放出抗氧化維生素，可以抑止食品的氧化及變色。

Intelligent Vacuum Preservation facilitates use of the Vacuum Compartment that uses vacuum power to preserve nutrition and freshness.

1. Hitachi proprietary vacuum preservation system

- Uses a vacuum pump to create a vacuum state in a compartment, thereby lowering an oxygen level.
- A difference in atmospheric pressure created by the vacuum pump is used to release antioxidant vitamin to further prevents oxidation of food and color changes.



※ 所謂真空是指比一大氣壓的壓力還低的空間。真空冷凍室的氣壓約為 0.8 氣壓，因為比一大氣壓還低，所以本公司將之稱為真空。

※ The so-called "vacuum" refers to a state in which pressure is lower than the atmospheric pressure. Since the Vacuum Compartment has pressure of about 0.8 atm, which is lower than the atmospheric pressure, we call it "vacuum".

2. 可以利用感應器檢測出有無存放蔬菜或食品的存放量的 [智慧型真空保存] 。

- 平常為冰溫狀態，放入蔬菜時冷凍會自動切換為「自動」模式。蔬菜進行呼吸所用時所產生的二氧化碳會被真空幫浦吸收而檢測出，會自動切換溫度帶。
- 以存放量感應器與鋁盤，會加速冷卻速度。
- 依存放食品種類可以設定為「真空冰溫」或「真空冷凍」的溫度。
- 也可以利用在解凍、調理的事前準備時。

2. The Intelligent Vacuum Preservation uses a sensor to detect the presence or absence of vegetables and an amount of food stored.

- The Automatic Mode normally keeps a compartment at -1°C and automatically switches to $+1^{\circ}\text{C}$ upon detection of an entry of vegetable. Detects the presence of CO_2 emitted through respiration of vegetable when the vacuum pump absorbs it, and automatically changes the temperature zone setting accordingly.
- Uses a sensor to detect an amount of food stored and the aluminum tray to accelerate cooling.
- Allows you to select Vacuum Compartment -1°C or Vacuum Compartment $+1^{\circ}\text{C}$, depending on the food you want to store.
- Can be also used to unfreeze or prepare food for cooking.

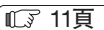
更省能源 More Energy Saving

1. 霜循環冷卻

- 不使用壓縮機，充分利用霜的低溫來達到冷藏室的冷卻效果，比平常的冷卻更能節省能源。冰箱運轉時附著在冷卻器的霜，因為會降低冷卻功效，所以必須以加熱器來加熱溶解，再排掉除霜水。霜循環冷卻是著眼於霜的低溫，暫時停止壓縮機運轉，充分有效利用霜的低溫來達到冷藏室、蔬果保鮮室的冷卻效果。
- 有效率的各室獨立冷卻
在冷藏室、冷凍室、蔬果保鮮室設有可以控制感應器及冷氣吹出量的擋板，可獨立控制各室的溫度。
- 利用霜的水分來防止乾燥。(冷藏室·蔬果保鮮室)
將附著在冷卻器的霜的水分加入冷氣中，來防止食品的乾燥。

2. 省電模式

想要更進一步省電時，將各室的溫度設定、冷卻調弱，可以讓壓縮機以低轉速來運轉。

※ 因省電模式會降低冷卻效果，有可能造成冰淇淋變軟或感到冷卻效果較差的情形。  11頁

1. Frost Recycle Cooling

- Utilizes frost efficiently to cool down the inside of the refrigerator without using a compressor, thereby achieving more energy saving than the conventional method.

In the past, the frost adhered to the radiator during operation was melted by a heater and discharged as it lowers the cooling effect.

Frost Recycle Cooling utilizes the cold of frost. The compressor operation is stopped and Refrigerator Compartment /Vegetable Compartment are cooled by utilizing the cold of frost.

- Each compartment being independently cooled effectively

A flap that controls a flow of cooled air is provided in each of Refrigerator, Freezer and Vegetable Compartments to control temperature of each compartment independently.

- Water in frost prevents desiccation (in Refrigerator and Vegetable Compartments).

In addition to the cold of frost, the moisture of frost on the radiator helps the food from drying out.

2. Energy saving mode

To save energy more actively, the energy saving mode increases a temperature setting for each compartment and reduces the number of revolutions for the compressor.

※ In the energy saving mode, the cooling capacity is reduced. You may feel that cooling is not enough, for example, ice-cream becomes softer.  Pg.37

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安全上的注意事項

請務必遵守

為了防止危害到使用者或其他人及造成財務上的損失，請務必遵守以下事項。

■ 以下將以標示方式，區分及說明忽視標示內容而誤用時所產生的危害與損失程度。

■ 以下將以圖示標示方式，區分及說明應遵守內容的種類。(以下為圖示標示例)



警告

此標示欄表示「可能會造成死亡或身負重傷之預測內容」。



注意

此標示欄表示「可能會發生受傷或財務損失之預測內容」。



此圖示標示為「禁止」內容(請勿執行之事項)。



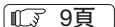
此圖示標示為「強制」內容(請務必執行之事項)。

警告

安裝時



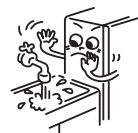
連接接地線

- 請確實實施接地。避免因故障·漏電等因素而發生觸電。
- 請務必委託經銷商執行接地工程。  9頁



禁止淋濕

- 請勿設置於潮濕或會被水淋到的場所。
- 避免因電氣絕緣不良而引起觸電·火災的危險。



- 針對地震等天然災害做好防止翻倒處置。
- 避免因翻倒而受傷。  9頁



電源及電源電線



禁止

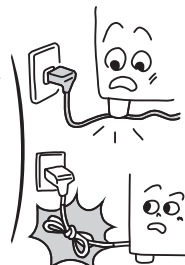
- 使用時請勿高於插座或配線器具的額定電流。請勿使用交流額定電壓以外的電源。
- 若與其他電器插頭併用，或使用三面插座等，會因異常發熱而造成火災的危險。
- 請單獨使用額定電流 15A 以上的插座。



禁止

- 請勿讓電線·插頭破損。

請勿讓電線受損·加工·接近發熱器具·勉強彎曲·扭曲·拉扯·乘載重物·讓冰箱壓住電線或捆綁電線。

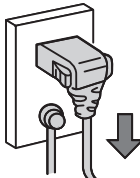


在已受損的狀態下使用時，會引發觸電·短路·火災的危險。

- 電源線損壞時，須由製造廠商或其服務處或具有相關資格的人員加以更換以避免危險。



- 將插頭的電線向下，將插頭確實插入插座內。
- 如果插頭方向相反插入，會給電線增加負擔，成為短路·觸電·起火的原因。
- 如果插頭插得不夠完全，也將會成為因觸電，發熱而導致火災的原因。

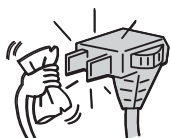


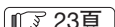
禁止濕手

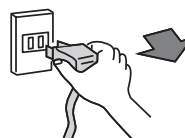
- 請勿用潮濕的手，拔除插頭。
- 發生觸電的原因。



- 請定期清除插頭上的灰塵。當插頭堆積灰塵時會因濕氣而造成絕緣不良，進而引起火災。
- 請拔除插頭再用乾布擦拭乾淨。



- 進行冰箱保養，請務必拔掉插頭。
- 有觸電或受傷的危險。  23頁
- 請將插頭確實的從插座內拔出。



警告

在一般使用的情況下



禁止淋濕

- 請勿用水淋濕主體與箱內。
 - 避免因電氣絕緣不足而引起觸電·火災。



禁止

- 請勿放入容易引火的物品。
 - 揮發油·乙醚·LP 瓦斯·稀釋液·黏著劑會發生引爆的危險。



禁止淋濕

- 請勿將含水容器放在冰箱上。
 - 翻倒的水會造成電氣組件絕緣不良而發生漏電·火災·觸電的危險。



禁止

- 在附近請勿使用可燃性噴霧用品。
 - 避免因箱門開關等電氣接點引起的火花引發火災。



禁止

- 請勿在冰箱上放置物品。
 - 避免因開閉箱門，造成物品掉落而受傷。



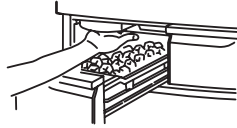
禁止

- 請勿用來保存藥品或學術試樣。
 - 必須嚴格管理的物品，不可保存於家庭用冰箱內。



禁止接觸

- 請勿手觸自動製冰機的機械部位。
 - 製冰盤旋轉時，手恐怕會受傷。



禁止

- 請勿懸在箱門上嬉戲，或踏在收納盒上。
 - 避免因翻倒，夾到手指而受傷。

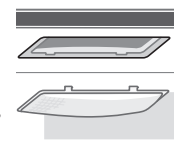


- 請注意不要讓孩子們玩耍。



禁止

- 請不要拆卸冰箱內燈的蓋子。
 - 燈泡損壞時，須由製造廠商或其服務處或具有相關資格的人員加以更換以避免危險。



禁止

- 請不要吊掛在「下移式便取盒」上。



禁止

- 不要用力碰撞門。

警告


關於冷媒（由於這是一種可燃性的氣體，請注意以下的事項。）

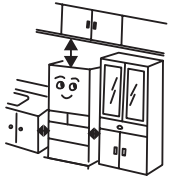


禁止

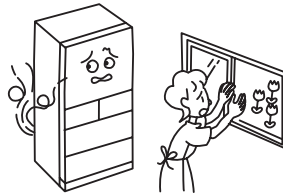
- 不可以螺絲等銳利物品刮傷冰箱本體。
由於使用可燃性的冷媒，當冷媒從冰箱內壁的配管外洩，會有起火、爆炸的危險。



- 安裝的時候，在周圍要離開一些間隙，確保有足夠的散熱空間。  8頁
若冷媒外洩的情況持續，會有起火、爆炸的危險。



- 請勿損傷冰箱的冷卻管路。
冷媒配管損壞時，請將冰箱遠離火源並避免使用電器用品。
配管損壞時，請儘快將門窗打開，並與經銷商或日立技術中心聯絡。

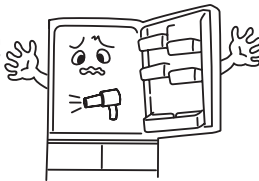


- 如需進行廢棄處理時，請聯絡經銷商或環保署資源回收中心專線 (0800-085-717)，交給他們進行專業處理。
若冷媒外洩會有起火、爆炸的危險。



禁止

- 除廠商建議方法外，不得使用機械工具或其它工具來加速除霜的過程。



禁止

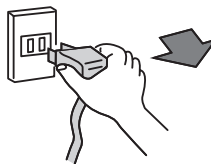
- 請勿在冰箱內部使用電器用品。
· 如冷媒外洩，電氣接點所產生的火花，會有起火、爆炸的危險。



萬一有下列情形



- 當產品異常或故障時，請拔掉插頭停止運轉。
有觸電或受傷的危險。
· 請務必在拔除插頭時握住插頭。



禁止分解

- 請勿自行分解、修理、改造。
避免發生火災，異常動作而受傷。
· 需分解、維修時，請洽經銷代理商。



- 可燃性氣體外漏時，勿接觸冰箱，請立即開啟窗戶進行換氣。
· 避免因箱門開關等電氣接點的火花，而發生引爆、火災、燙傷等危險。



廢棄處理時



- 在等待廢棄物再利用保管之際，因有幼兒被誤困在箱內之虞，請將門墊拆下來。



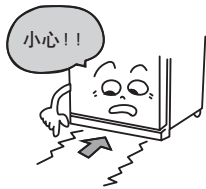
⚠ 注意

移動・搬運時

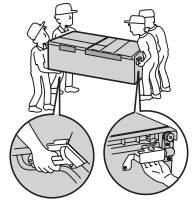


禁止

- 請勿在容易刮傷的地板上使用冰箱滑輪。避免因滑輪而刮傷地板。
- 請在容易刮傷的地板上鋪上保護板。



- 搬運時，請用手持手把搬運。倘若沒有手持把手，可能會因手滑而受傷。
- 請僱用 2 人以上手持手把搬運。
- 搬運時請如圖示般將箱門朝上。
- 請不要用起重機等吊起把手。



在一般使用的情況下



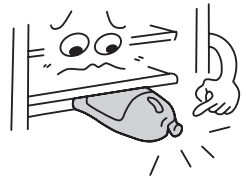
禁止

- 請勿在超大瓶飲料的縫隙間再塞入其他瓶罐。
- 勉強放入超大瓶飲料瓶後，在開閉箱門時，可能會因掉落而受傷。



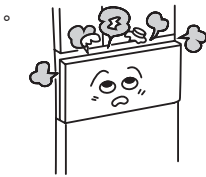
禁止

- 請勿讓食品凸出層架。
- 避免因鉤到瓶罐後掉落而受傷。



禁止

- 請勿將瓶子放在冷凍室內。
- 內容物結凍會使瓶子破裂，容易受傷。

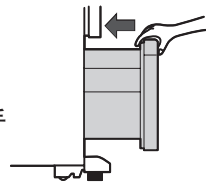


- 同時開啟二個以上的箱門時，或者其他人也在碰觸冰箱時，請確認手指是否會被冰箱門夾住。
- 避免手指被門與門之間的縫隙所夾傷。



禁止

- 關抽屜型的箱門時，請勿手持上方推進。
- 按住門上方關抽屜會夾住手指容易受傷。



禁止

- 請勿用潮濕的手碰觸冷凍室內的食品或容器。
- 避免凍傷。(尤其是金屬製品)



禁止

- 開啟最底層的箱門時，請勿讓腳靠近冰箱。
- 避免在開啟箱門時，碰觸到腳底而受傷。



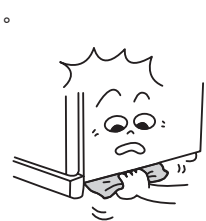
禁止

- 請勿食用有異味，已變色的食品。
- 避免因食品腐敗而引發疾病。



禁止

- 手腳不要放進冰箱的底部。清理時將手伸入冰箱底下時，可能會被鐵板割傷。



禁止

- 請勿用膝蓋去按電動抽屜的開關。
- 請勿把瓶子之類的物品放在電動抽屜附近。

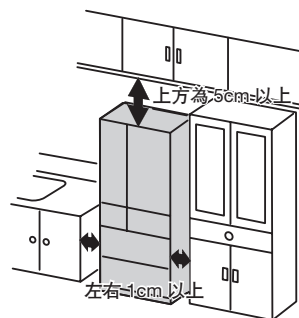


事前準備

使用前的準備

1 設置

- 堅固・水平的地板
地毯・榻榻米（日式草蓆地板）・木板地・塑膠地板等恐怕會有變形・變色的可能，請墊（1cm 厚）的板。
- 避免陽光直射和高溫
- 不潮濕・空氣流通的地方
這些可防止冷卻功率下降，避免電費增加。而且可抑制變色以及生銹。
- 為了保持良好冷卻效率，在周圍請空開充分的散熱空間。
- 本體側面的中央部分是比所表示的尺寸稍大。
設置時請確保充裕的空間。
- 背面可靠牆設置。若有振動音或是不願讓牆壁弄髒及變色的話，請空開一些間隙。

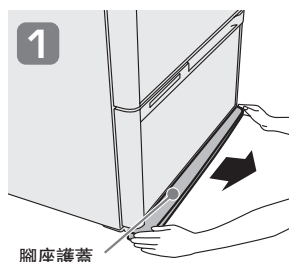


2 箱門的平衡調整

- 設置的地方不平，地板太軟，加上食物的重量，冰箱腳會下沉，箱門會稍有歪斜。
→ 機能上沒有問題，如介意請按如下的步驟進行平衡調整。
進行左右水平調整，並使冰箱的前側稍微高一點可方便關門以避免門沒關好。

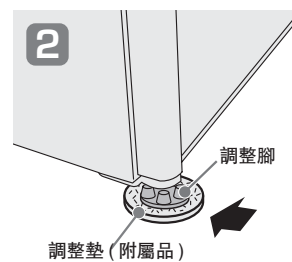
旋轉冰箱前方下側的調整腳，來調整冰箱平衡。（請使用附屬專用工具及調整墊（2個）。

- 1 手持腳座護蓋的兩端，用力拉向身前卸下。



- 2 將調整墊放在調整腳的下方。請將調整腳調整至前後左右平衡的狀態。

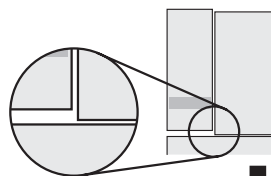
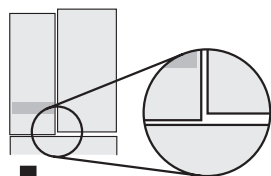
※ 在放入調整墊之前，請將調整腳的底部與地板擦拭乾淨。若有雜物時將有可能會刮傷地板。旋轉降低調整腳，以固定冰箱。（左右兩個地方）



- 3 請使用附屬的專用工具調整箱門下沉一方的調整腳，直到左右冰箱門平行為止。

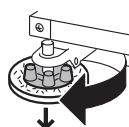
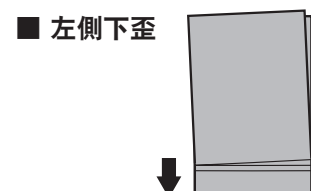
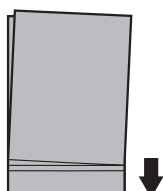
■ 左側下歪

■ 右側下歪



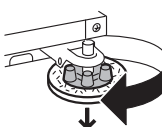
■ 右側下歪

■ 左側下歪



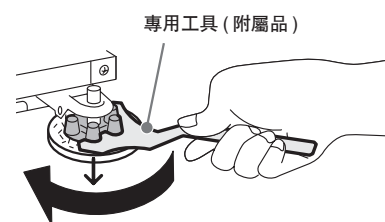
3 旋轉降低左邊的調整腳

3 旋轉降低右邊的調整腳



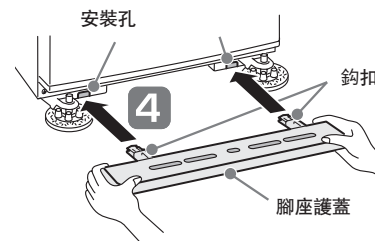
- 4 請將腳座護蓋的卡榫（左右）插入冰箱的安裝孔內安裝調整後，冰箱本體與地板的適應需要約5天的時間。經過一段時間後冰箱仍無法平衡時請再次按步驟進行調整。

請使用專用工具配合調整腳的形狀夾住調整腳。



※ 調整腳的旋轉量是，每旋轉1圈相當於箱門的高低差距1mm

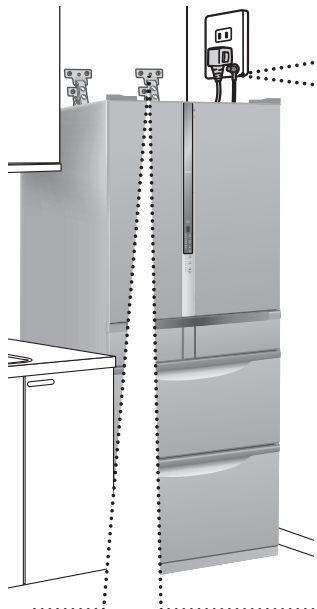
※ 只供：「R-SF62BMJ」，「R-SF58BMJ」
「R-S59BMJ」



通知事項 ● 當手放開冰箱門時，門有可能會動，這並不是故障。

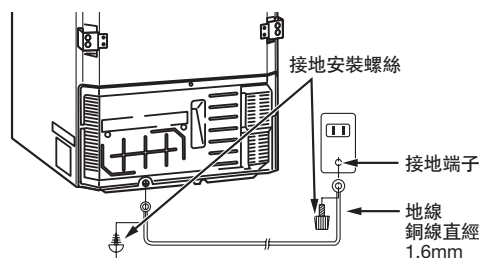
3 關於電源插頭及接地

- 設置後直接就可插上電源插頭。
- 請用獨立的插座。(電源 110V · 額定電流 15A 以上)



為了防止萬一觸電，建議實施接地。

- 如設置地方特別潮濕，請與經銷店洽商，接地線或安裝漏電開關。
- 另購部件：「地線 (2.5m)」(產品型號 .NW-60R6 052)

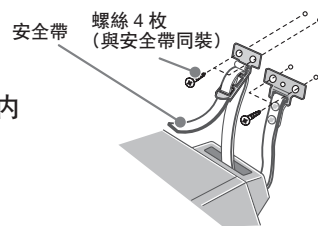


不可接地線的地方

- 自來水管 (有觸電的危險)
- 煤氣管 (有爆炸的危險)
- 電話線及避雷針的地線 (打雷時會發生危險)

對於防備地震

- 建議使用兩條「冰箱防倒安全帶」，固定在堅固的牆壁或柱子上。
- 另購部件：「冰箱防倒安全帶」(產品型號 .R-826CV 300 : 1 條裝) 詳細內容請洽詢經銷店。



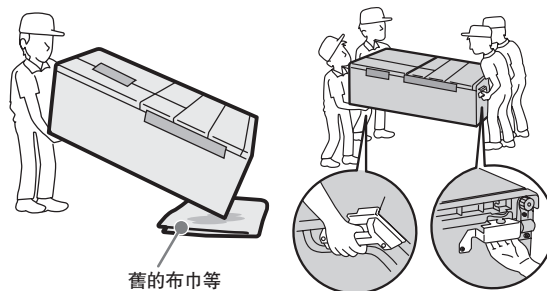
4 冰箱內的冷卻

- 根據冰箱周圍溫度、食品的存放方式不同，冰箱內充分冷卻需要 4 小時，也有可能需要 24 小時以上。
- 初次使用自動製冰時，請操作自動製冰機的清潔「製冰機清潔」。[☞ 23 頁](#)
- 自動進行連續的製冰運轉是必須在冰箱內充分冷卻之後才能開始。
(初次使用時，最初的結冰可能需要花 24 小時以上。)

移動 · 搬運的事前準備 (搬家時)

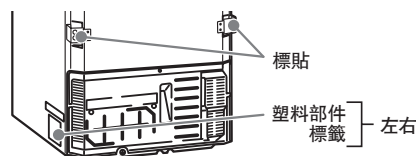
- 將食物及冰取出，並將給水槽、製冰盤的水倒掉。
- 為了讓箱門不會輕易打開，使用膠布將箱門固定。
- 為了防止搬運時刮傷地板，或是冰箱內部殘留的水流至地板，請使用保護用的鋪墊或布鋪在地板上。
- 請在地板上鋪上大塊的布，將冰箱往後傾倒，讓內部的水流出。
- 搬運時請握住搬運把手搬運，並請 2 至 4 人以上進行搬運。
- 在預定放置的位置，請依照「使用前的準備」的指示進行設置。

[☞ 8 頁](#)



注意事項

- 請勿將背面的標貼撕掉。標貼是為了保持性能與安全性。
- 請勿將側面下部的塑膠零件與標籤撕下。

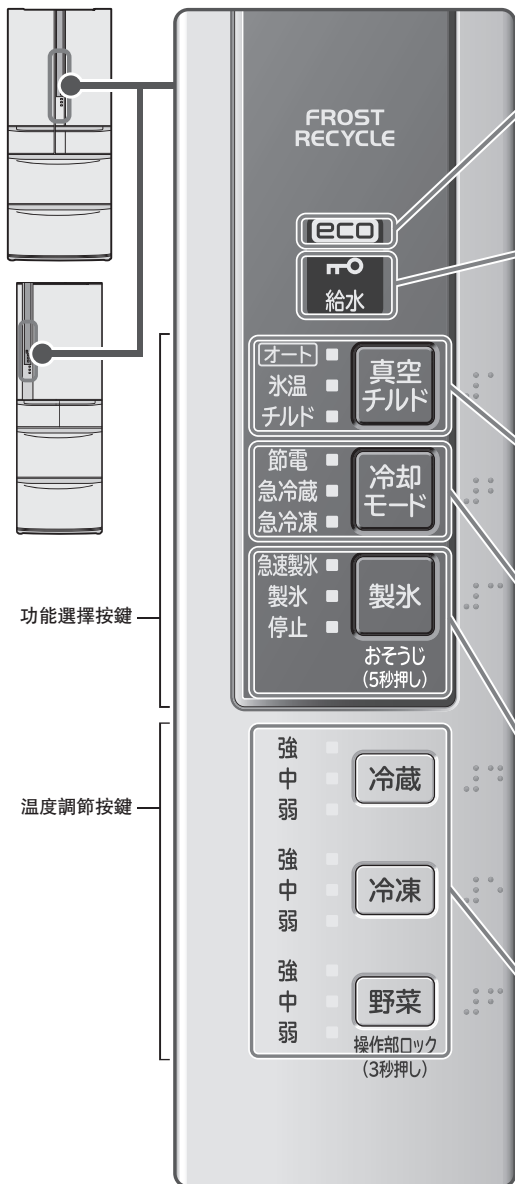


- 若有硫化氣體噴出的溫泉地區等設置時，可能有必要進行配管的防銹處理，請預先與經銷店洽商。另外，由於煤氣受造成的故障是不屬於保證項目以內。

使用方法

操作部

■ 若想要改變設定時，請按下按鈕來切換各種設定。



eco 運轉顯示燈

- 霜循環冷卻時，減少電力消耗，啟動運轉時則顯示燈亮燈。
☞ 28頁
- 也可以讓其顯示熄滅 ☞ 28頁

告知之顯

🔒 (操作部按鍵鎖) ☞ 28頁

- 可以防止操作錯誤
- 「給水」顯示燈 ☞ 19頁
- 當給水槽中的水減少時，會自動顯示亮燈。

真空冷凍室的設定

- 依存存放食品種類可以設定為「Auto」、「-1°C」或「+1°C」。
- 當顯示全熄滅時，可當作冰溫室來使用。☞ 12頁

選擇冷卻模式

設定冷藏庫各存放空間的冷卻效果

「急冷凍」☞ 17頁、「急冷藏」☞ 14頁「節電」☞ 11頁

選擇製冰模式

可以選擇「製冰」、「急速製冰」、「製冰停止」模式。☞ 19頁

- 「製冰的清潔」
製冰盤及給水管路可以清水清洗。☞ 23頁

調節溫度設定

設定冷藏庫各存放空間的溫度。

平常請設定在「中」的位置。

冷藏室 ☞ 14頁、冷凍室 ☞ 16頁、蔬果保鮮室 ☞ 20頁

※ 為了更清楚說明，所有的顯示都呈亮燈的狀態。

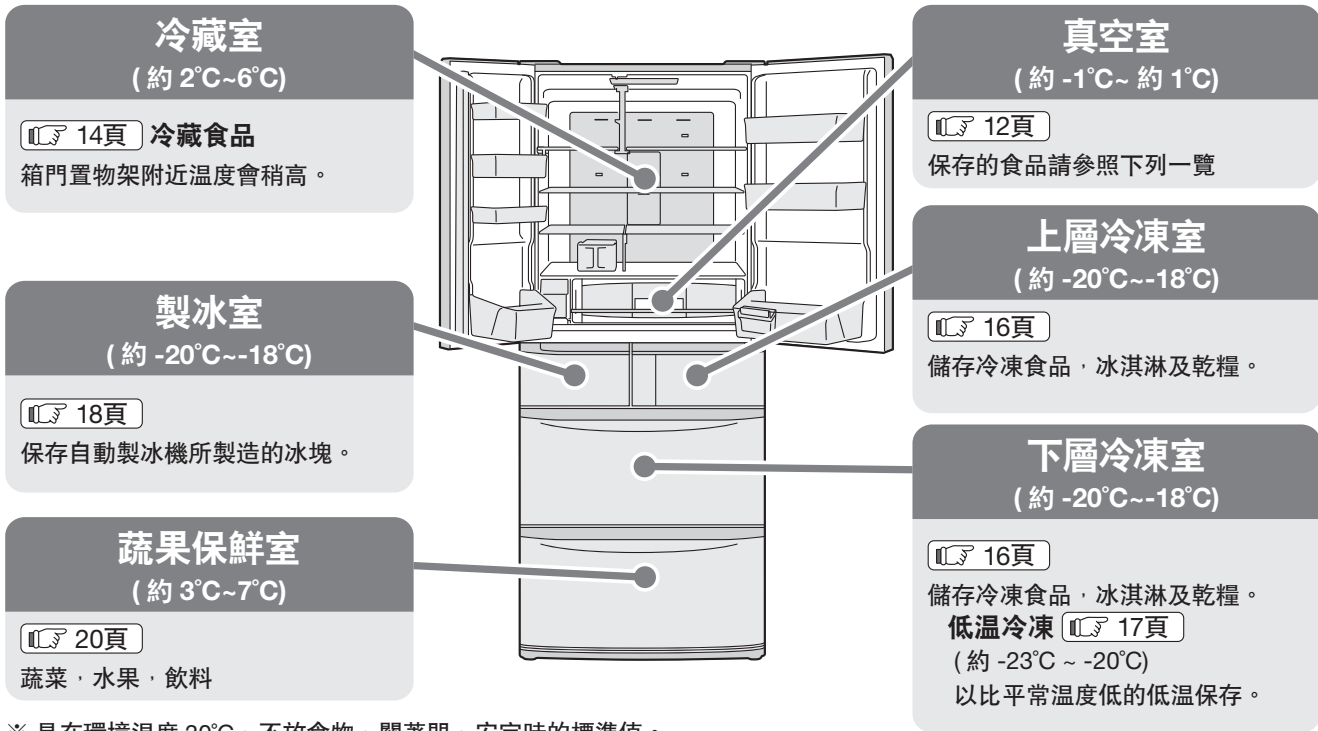
在這樣的時候

■ 當 🔒 (操作部按鍵) 索顯示閃爍時，則表示冷藏庫內發生異常狀況。☞ 26頁

通知事項

- 完成操作之後，為了省電約 2 分鐘後顯示滅燈。但「急冷凍」、「急冷藏」、「節電」、「急速製冰」以及「給水」顯示燈、「eco 運轉顯示燈」不顯示滅燈。
- 確認設定狀況時，請開啟冰箱門，或觸碰任何一個按鍵。則再次顯示亮燈。
- 當開啟冰箱門時顯示文字亮燈，冰箱門關閉後約 15 秒顯示文字則滅燈。
- 請在所有的冰箱門都關閉的狀態下劑行操作。冰箱門開啟中或是顯示文字閃爍的狀態下碰觸操作部按鍵也不會有反應。
- 冰箱門開啟超過 30 秒時，則會發出警示聲，告知冰箱門是開啟的狀態。☞ 28頁

各室的名稱・存放食物

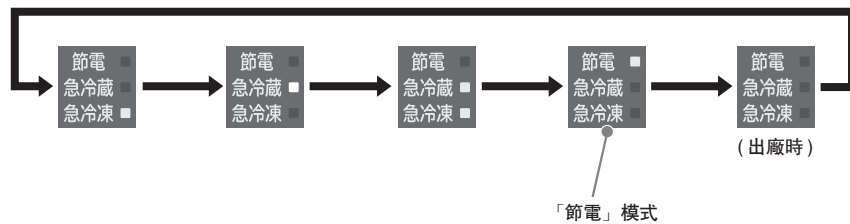


「節電」模式的設定方式

■ 按下 **冷却** 鍵，使「節電」顯示亮燈，則表示設定為「節電」模式。

每按一次鍵則依下列之順序變換顯示亮燈。

若想停止「節電」模式時，請讓「節電」燈號顯示滅燈。



「節電」模式，請在想更進一步省電時使用。

設定為「節電」模式時，

- 各冷藏室的溫度設定則轉為較弱的冷卻溫度。
- 長時間持續開啟冰箱箱門時 (30 秒以上)，則冷藏室的 LED 燈的亮度減弱，以節省用電。

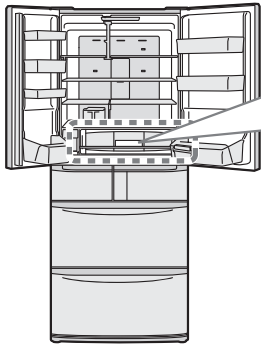
通知事項

- 在設定為「節電」模式，若切換成「急冷凍」、「急冷藏」時，「節電」模式則被解除。請再次設定。
- 設定溫度設定為「弱」時，因為設定溫度不會變換，因此沒有省電的效果。

注意事項

- 將冷卻轉換為弱的時候，冰淇淋等會變軟、冷凍食品有可能會結霜。此外讓食品冷凍的凍結時間以及製冰時間也會增長。

真空室



真空幫浦
(壓力感應器・二氧化碳感應器・儲存量感應器)

真空容器
(放置真空冷凍盒的部分)

真空冷凍盒 (附有門)

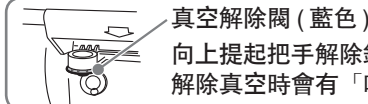
維生素盒 (附在真空室內的頂部)

會釋放出抗氧化維生素，抑制食物氧化。(不需要更換。請勿取出。)

冷凍室溫度感應器

鋁盤
(位在冷凍室的盒內)

把手
從下面手握住把手開閉真空容器。



真空解除閥 (藍色)

向上提起把手解除鎖定，藉由真空解除閥可以解除真空狀態。解除真空時會有「咻」的聲音。

設定與存放食品

真空

AUTO

+1°C
(約 +1°C)

-1°C
(約 -1°C)

真空關閉

全滅燈 (冰溫)
(約 -1°C)

放入食品之前請設定為「Auto」。

檢測二氧化碳含量，可以自動切換為冰溫、冷凍的溫度。存放蔬菜時則自動設定為「+1°C」，沒有存放蔬菜時則自動設定為「-1°C」。

● **肉類・加工肉品**



牛肉・豬肉・雞肉・火腿・香腸等

● **魚貝類・海鮮類・魚類加工食品**



竹筴魚・沙丁魚・鯖魚・鮭魚卵・鱈魚卵・魚漿製品等

● **蔬菜 (會產生多量二氧化碳的食物)**



生菜沙拉等新鮮蔬菜

存放下列的食品時，請以手動方式設定為「+1°C」。

※ 因為會產生少量的二氧化碳，若設定為「Auto」則會變換成冰溫的溫度，有可能造成食物凍結的情形。

● **市面販售以切好的蔬菜、少量的蔬菜、水果 (產生少量二氧化碳的食品)**



紫蘇葉・柳橙・奇異果等

● **結凍時會造成品質、口感變差的食物**



豆腐・蒟蒻・油炸豆腐・白絲蒟蒻・水煮蛋等

● **乳製品**



優格・起司等

● **其他**



放入密封袋・容器的蔬菜・咖啡豆・茶葉等

此外，菜豆・碗豆・小番茄・零食碗豆・番茄・草莓等

適合保存肉類、魚類、肉類魚類加工食品。

此外，冷凍的肉類、魚類要解凍時，也請設定為冰溫狀態。含水分較多的食物有可能會凍結。

關閉真空功能。建議存放需裝在「密封袋」「密封容器」的食物。因為是冰溫室，含水分較多的食物可能因低溫而凍結。

儲存時需要注意的食品與容器

● **密封袋包裝食品**

密封袋在儲存時可能會膨脹而擠壓到其他食品。



維也納香腸，乳酪片等。

注意

● **塑膠密封容器**

塑膠密封容器的蓋子在儲存時可能會鬆開或脫離原來的位。取出時請注意。



注意

不適於儲存的食物

● **不耐低溫的蔬果**

低溫可能會使得蔬菜表面變質。



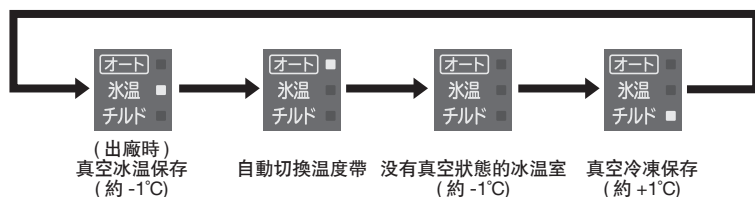
黃秋葵・蘆筍・生薑・青椒

注意事項

- 周圍溫度低時，水分較多的食物可能因低溫而凍結。
- 可能因食物的鮮度、量而異二氧化碳感應器無法檢測。此時會切換至「-1°C」，而造成食物凍結。

真空冷凍室的設定方式

- **真空冷凍** 按下「真空冷凍」的按鈕，可以設定為「Auto」、「-1°C」、「+1°C」等功能。按下按鈕時依下列的順序切換。



通知事項

- 操作部分的詳細使用方法請參閱 **10頁**
- 設定為「Auto」之後，二氧化碳感應器到可以確認食品種類為止的這段期間，溫度設定為冷凍 (約 +1°C)。
- 設定為「Auto」之後，二氧化碳感應器直到安定為止需要約 40 分鐘。在這段期間縱使存放食物，也無法檢測出二氧化碳含量。

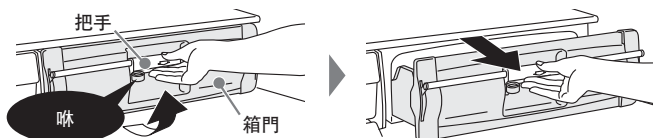
開閉真空室門

■要使用真空室時，請務必將冰箱左右門打開。

開啟箱門時

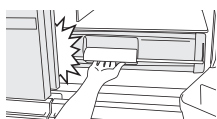
用手從底部握住門的把手。
向上抬起把手，鎖被打開。

當「啾」的聲音消失時，握住把手往身前方打開箱門。



通知事項 ●當「啾」的聲音還響著時，門是不能打開的。

注意事項

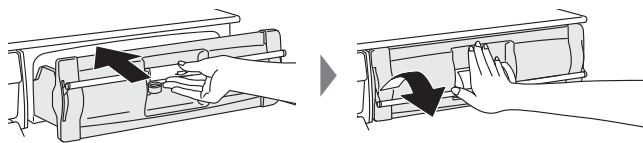


●如果沒有打開冰箱的左右箱門，真空室則無法開啟。硬要開啟冷凍室門時則可能造成雙邊的棚架、真空室的破損，以及冰箱門突然開啟。

關閉箱門時

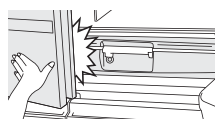
握住把手一直推到最裡面。

往下按把手，鎖緊箱門。



通知事項 ●如果沒有將把手壓到最底部時，則真空冷凍無法正常啟動。
●如果把手變得比較重時，請用手掌往裡推。

注意事項



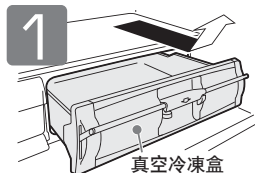
●要關閉冰箱門時，請務必先關閉真空室門並鎖定。如果真空室門在開著的狀態下，關閉冰箱門時，則可能造成雙邊棚架、真空室、食品的破損。

通知事項

- 關閉真空冷凍室門，鎖緊把手，再關閉冰箱門時，此時則啟動真空幫浦。
- 當設定為「自動」時，因為會檢測二氧化碳含量，在關閉冰箱門之後，真空幫浦仍會持續啟動。
- 若沒有鎖緊把手時，不僅不會形成真空狀態，「自動」的功能也無法正常運作。
- 開始啟動真空幫浦時，會有發出聲音及震動，這不是異常的情形。
- 啟動真空幫浦至完全真空狀態，約需4分鐘的時間。在4分鐘以內縱使打開真空冷凍室門也有可能不會有「啾」的聲音，因此要確認真空狀態請等到4分鐘以後再行確認。
- 真空冷凍室是利用間接冷卻的原理，與其他冷藏室比較之下，食品至完全冷卻需要花較久的時間。
- 食物縱使以保鮮膜包裹冷卻的效果也不會改變。此外在稍微包裹時會檢測出二氧化碳量。

保養清潔

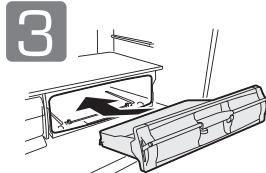
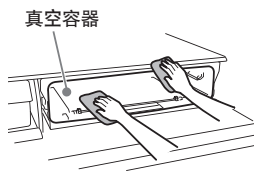
■請取出保存在真空室內食品。



將門往身前方拉出，將真空冷凍盒(附有門)輕輕地抬起抽出。

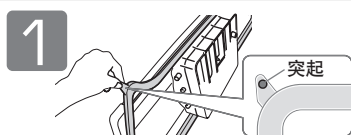


用柔軟的布沾溫水擦拭真空密封墊以及內側的密封墊承托部。



讓真空冷凍盒(附有門)在真空容器中滑動推入。最後再將把手鎖住。

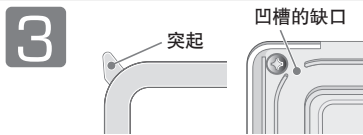
真空密封墊上附著污垢時



以手握住右上方的真空密封墊的突起，小心地拆下密封墊。



用海綿等柔軟的材料用水清洗污垢，然後用乾布擦乾淨，讓其自然乾燥。擦拭冷凍室門的真空密封墊凹槽內的污垢。
※請勿使用洗潔劑。



將真空密封墊的突起對準凹槽上的缺口，牢牢地固定。

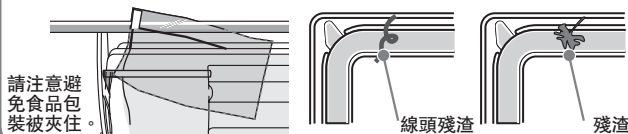
- 注意事項**
- 真空密封墊如果使用溫水以外的洗潔劑，則有可能破損、變形、變色、無法保持真空狀態。
 - 如果真空密封墊鬆了或是接觸不良，則有無法維持真空狀態。

通知事項

- 「Auto」「-1°C」「+1°C」的顯示燈閃爍時，則表示真空機能無法正常啟動。

☞ 26頁

- 真空密封墊、真空解除閥(藍色)如果夾到食品的包裝等，有污垢、線頭、殘渣附著在上面時，則無法正常啟動真空冷凍。



請注意避免食品包裝被夾住。

線頭殘渣

殘渣

- 真空密封墊、真空解除閥(藍色)如果剝離或是變鬆，則無法正常啟動真空冷凍。



真空解除弁

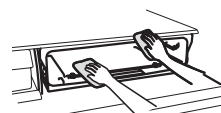
- 因為真空室是密封的狀態，如果存放水分較多的食品時，水分蒸發會在室內凝結成露水或結成霜。如果真空室內部或真空室門周邊附著了水滴或結霜，請以乾布擦拭。



結霜・結露



- 真空室內如果水或食品汁液溢出時，請立即擦拭。水凍結時真空冷凍盒(附有門)有可能無法正常啟動。



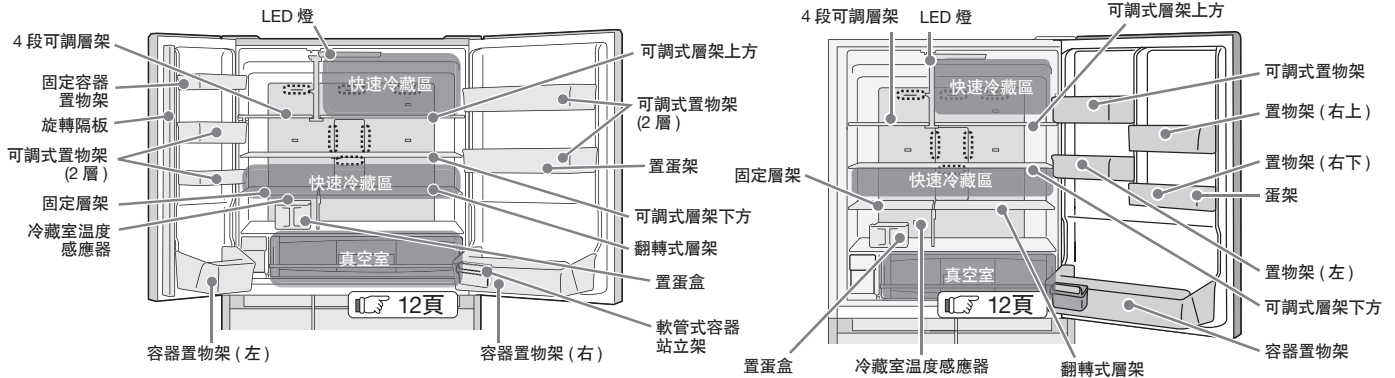
- 關於真空冷凍，若遇到問題時。☞ 20頁

- 真空密封墊長期使用後，無法保持真空狀態，請更換新的密封墊。☞ 27頁

冷藏室

六門形式：(R-SF62BMJ, R-SF58BMJ, R-SF48BMJ)

五門形式：(R-S59BMJ, R-S51BMJ, R-S49BMJ)

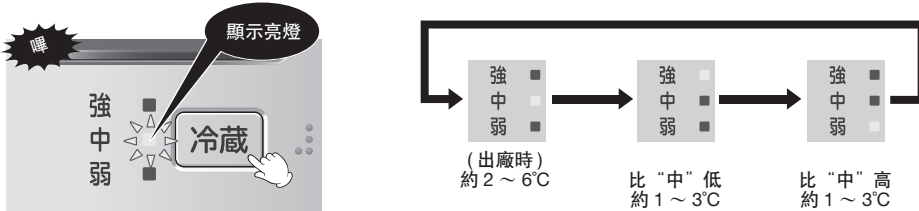


- 冷氣吹出口
- **注意事項**
- 因為溫度變低，請勿放置水分較多的食品或罐裝飲料。否則的話會結凍。
- 在附近放熱的食品，冷藏室溫度會降得過低。請存放在別的地方。

調節冷藏室溫度

■ 按下 **冷藏** 的按鈕，可以調整設定溫度。

按下按鈕時依下列的順序切換。



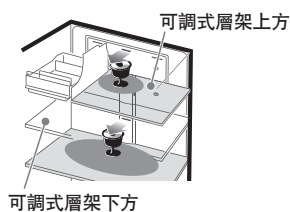
- 通常請使用“中”的位置。溫度因使用條件而有所變動。
- 操作部分的詳細使用方式 [10頁](#)
- 調節更細微的溫度時 [27頁](#)

通知事項

- 設定改為“強”或“弱”時，真空室的溫度也會改變。
- 箱門層架比左記的溫度略高。

急速冷卻食品 (急冷藏)

1 在快速冷藏隔層放食物



- 放在中央的內側部分可較快冷卻。(冷氣吹出口前面)
- 水分多的食品及罐頭飲料請遠離背面存放或是移放到下層。因會有凍結、破裂的危險。

通知事項

- 「急冷凍」 [17頁](#) 與「急速製冰」 [19頁](#) 同時使用時，因冰箱的運轉情況，冷卻效果可能會減弱。

2 按 **冷却** 鍵使「急冷藏」的顯示亮燈 ※



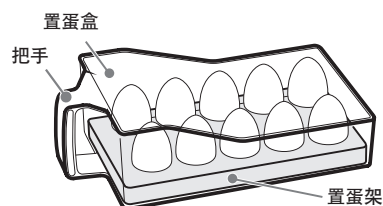
3 約45分鐘「急冷藏運轉」自動結束，「急冷藏」顯示自動熄滅



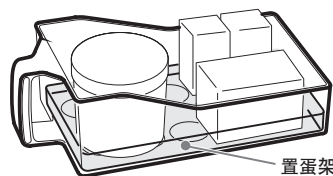
中途停止時，在使其他顯示再次亮燈後，按 **冷却** 鍵使顯示滅燈



使用置蛋盒



可以存放10個雞蛋。
雞蛋盒可以直接放入。



可將置蛋架翻轉，背面的盒架可以用來放置小型的食品。

注意事項

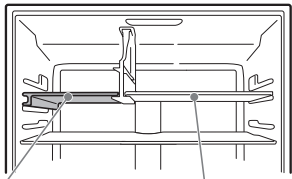
- 操作時請緊握手把。
- 因食物可能會落下，請勿將食品重疊存放。
- 因食物可能會傾倒，請勿放入過高的食物。
- 請不要用此容器來製冰。
- 置蛋盒請勿放入下移式便利盒內。

可以改變高度

- 可以配合食品或飲料的高度，可以簡單的改變棚架的位置。
- 若要移動棚架時，請先拿出棚架上的食品之後再進行移動。

■4段可調層架 ※只供: R-SF62BMJ, 「R-SF58BMJ」, 「R-SF48BMJ」, 「R-S59BMJ」, 「R-S49BMJ」

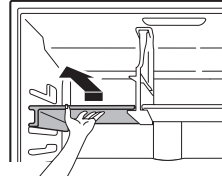
可以上下移動 L 字型的棚架，或翻轉使用，可以設定 4 個階段的棚架高度。



4 段可調層架 可調式層架上方

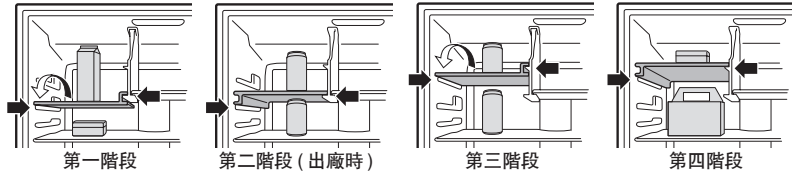
●拆卸 4 段可調層架的方法

- 1 將棚架整體稍微抬起。
- 2 將棚架往身體方向拉出。



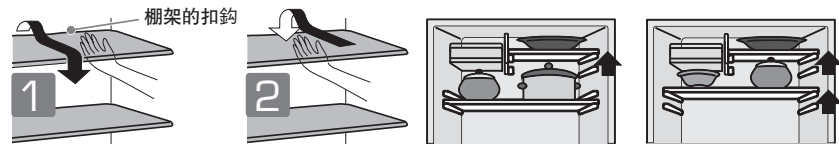
●裝置 4 段可調層架的方法

將棚架翻轉裝上。將棚架放在 的位置左右兩側的棚架支撐上。
在裝置完成後，要存放食物之前，請先確認是否拉出棚架也不會導致脫離。



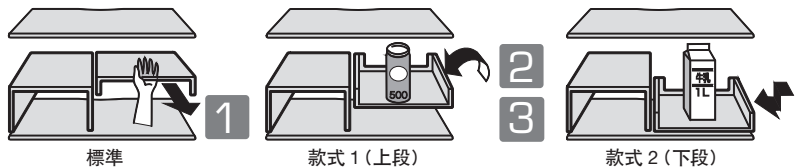
■可調式層架的上方・下方

- 1 把層架內側稍微抬高，往前拉出後就可取出。
- 2 按照所需的高度，把層架插放到最裏面之後，稍微提高層架的內側再推進去。（將層架的鉤子扣掛在最內側的零件上）



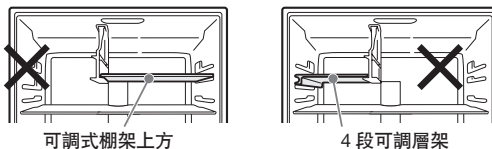
■翻轉式層架

- 1 把層架稍微抬高就可取出。
- 2 把層架翻轉後，
- 3 固定在上層或下層的位置。



警告

- 請勿將 4 段可調層架・可調式棚架上方取下的狀態下使用。
- 因衝擊或震動以致讓棚架脫離時，棚架以及上面放置的食物有掉落的危險。

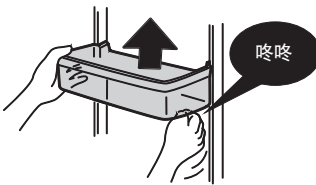


改變冰箱門置物架的高度

- 層架及置物架可配合食品大小進行調整。調整層架時，請先將儲藏的食品移出。

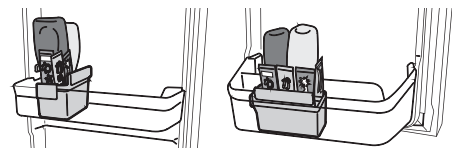
■可調式置物架(右)(左)

可以配合存放的食品做適度的調整。



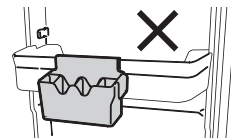
■軟管式容器站立架

可以直立放置如軟管式容器等的小物品。可依照個人使用喜好，將站立架掛在棚架的邊緣。



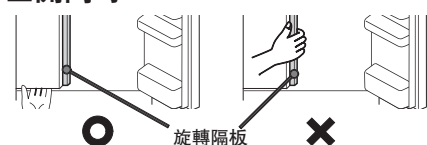
注意事項

- 請勿將站立架掛在棚架的外緣。關閉冰箱門時，有可能造成冰箱門、盒、以及食品的損壞。



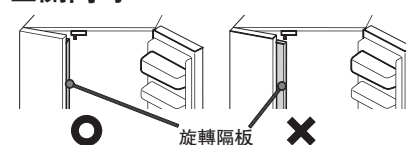
開關冰箱門 (只有六門形式)

■開門時



- 右側的門開著時，請勿握住旋轉隔板來打開左側的門。冰箱門將會無法開啟。

■關門時




- 請勿在旋轉隔板還未摺疊起來時關閉箱門。冰箱門無法完全關閉。

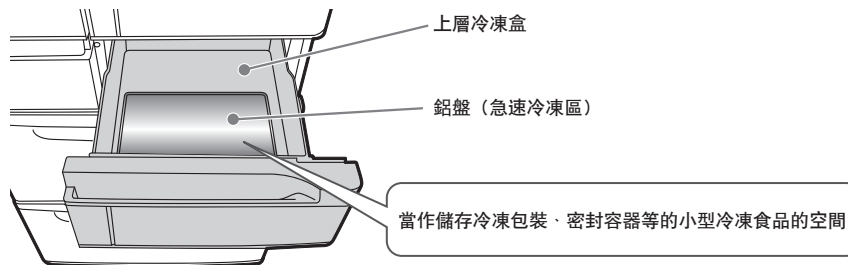
注意事項

- 冰箱的左右兩邊的門同時開啟時，冰箱門可能會很難開啟。此時請先開啟一邊的門，然後再開啟另一邊的門。
- 要關閉冰箱門時，請務必推入真空冷凍盒、置蛋盒後再關閉冷藏室門。若在拉出的狀態下關閉冰箱門時，有可能造成冰箱門、盒、以及食品的損壞。
- 冰箱門開閉次數過於頻繁、及冰箱周圍濕度過高時，壁上會有起霧現象，冷氣出風口的周圍可能凝結成露水。
- 如果有水或食品汁液溢出時，請迅速擦乾。

冷凍室

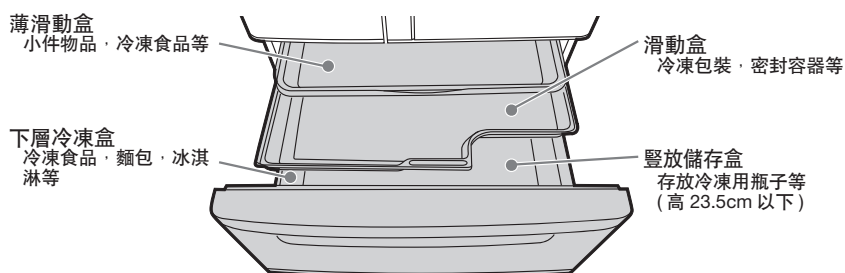
使用上層冷凍室

- 急速地冰凍將鮮味密封的急速冷凍機能。  17頁
- 請使用於急速冷凍肉類或魚類時。



使用下層冷凍室

- 內配 3 層冷凍盒，能夠充分地存放，整齊地收拾。
- 適於存放需長期保存的東西，容易融化的冰淇淋等。



- 將上層冷凍室的鋁盤往薄滑動盒左側移動，便可作為急冷凍盒使用。

製冰室（自動製冰機）
的使用方法

 18頁

可容納食品的高度

- 請遵守每個盒子所能容納的食品高度。
- 箱門會無法確實緊閉、冰箱冷卻效果變低。還有可能會造成食品、各個盒子的損壞。
- 請勿讓薄滑動盒或是滑動盒的底部接觸到其他食物。

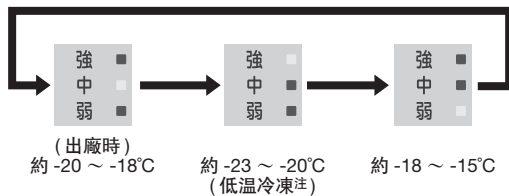
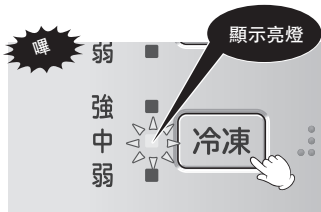


- 薄滑動盒裡請勿存放 500mL 的塑膠瓶。
- 塑膠瓶凍結後會膨脹，導致滑動盒拉不出來。
- 請勿將薄滑動盒以及滑動盒拆下直接使用。
- 食品會堵塞或掉落到冷凍盒的後面，導致門關不上。
- 在豎放儲存盒裏儲放高的食物時，請注意不要碰到薄滑動盒及滑動盒。
- 請只使用於存放冷凍專用塑膠瓶類及能夠冷凍的食品。

調節冷凍室的溫度

■ 按下 **冷凍** 的按鈕，可以調整設定溫度。

按下按鈕時依下列的順序切換。



※ 是在環境溫度 30°C、不放食物、關著門、安定時的標準值。

注：比平常冷凍還要低溫的狀態來保存食物。
與平常冷凍時的運轉相比，消費電力約增加 20%。

● 通常請使用“中”的位置。溫度因使用條件而有所變動。

● 操作部分的詳細使用方式 [\(P.10\)](#)

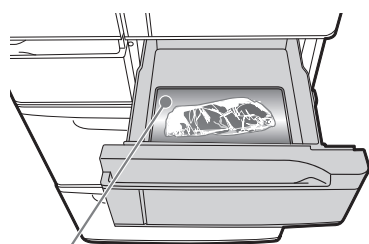
● 調節更細微的溫度時 [\(P.27\)](#)

通知事項

- 「急冷凍」運轉時，溫度比左記的溫度更低。
- 在“強”長時間使用時，冰淇淋等會變硬、儲存的食品的解凍時間會變長。

將溫熱的食品急速冷凍 (急冷凍)

1 上層冷凍室的鋁盤上放用保鮮膜包好的食品



急速冷凍區

2 按 **冷却モード** 鍵使「急冷凍」的顯示亮燈 ※



※ 操作完成之後，除了「急冷凍」之外的顯示約經過 2 分鐘後熄滅。

3 約 120 分鐘「急冷凍運轉」自動結束，「急冷凍」顯示自動熄滅



操作中想要停止時，按下 **冷却モード** 按鍵，讓「急冷凍」的顯示熄滅。



- 「急速冷凍」中，為了優先冷卻冷凍室，特別是冷藏室的門開關頻繁的時候，冷藏室的溫度容易升高。
- 可以直接冷凍熱的飯等。放入熱的食品時，會有燙傷的危險，請注意！建議冷卻到 50 ~ 60°C 之後再放。
- 「急速冷凍 (急速製冰)」結束後的 60 分鐘以內，再次按急冷鍵時，顯示雖然燈亮，但不運轉。60 分鐘過後才開始運轉。
- 為了防止食品粘在鋁盤上，請務必包上保鮮膜。
- 將食品分開小塊、薄片，不但能快速冷卻到中心部，而且方便取出。

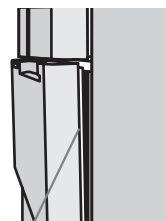
遇到問題時

這種情況下

請檢查一下，是這個原因嗎？

不夠冷
結霜、結露
冰淇淋太軟

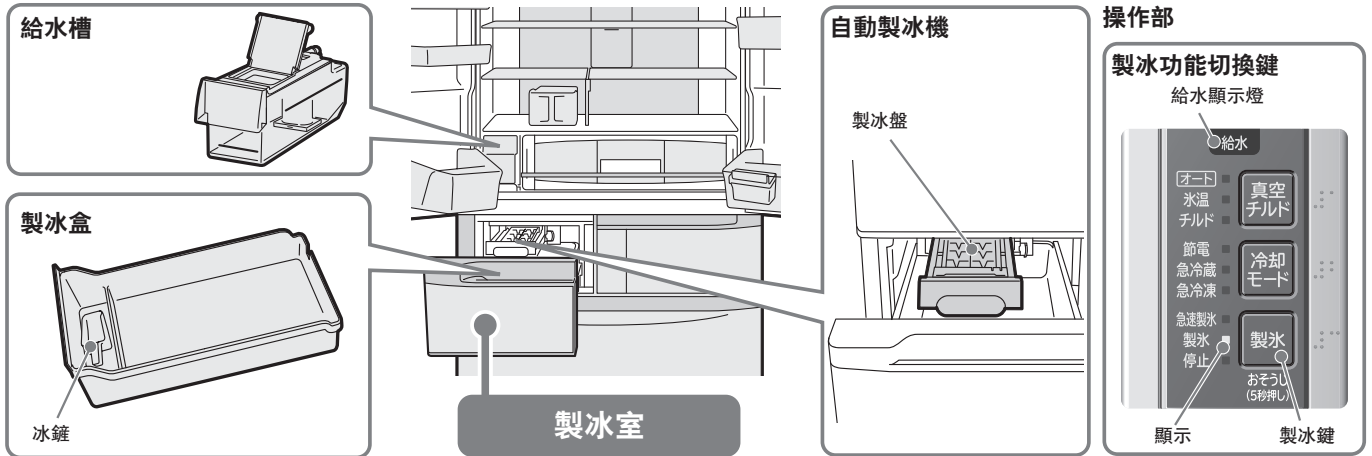
- 頻繁地開箱門嗎？
→ 建議您在開著箱門時動作迅速一點，盡量少開。
- 食品或袋子是否被夾著，門關緊了嗎？
→ 請在關著門的狀態檢查一下密封墊處有無縫隙。
- 是否塞入過多食品，是否一次放入了大量的食物呢？
→ 請遵守可容納食品的高度，儲放量不要影響門的開閉。
→ 食品之間請空開間隙存放。
- 上層冷凍盒、薄滑動盒正確安裝好了嗎？
→ 請正確安裝好。 [\(P.22\)](#)



密封墊之間有間隙的狀態

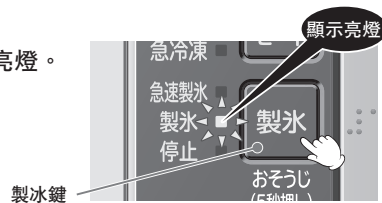
注意事項 ● 頻繁地開閉箱門會使食品的溫度上升，冰淇淋等會變軟。

製冰室 (自動製冰機)

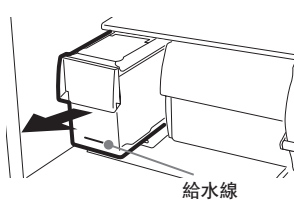


製冰方法

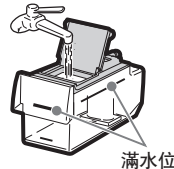
- 1 自動製冰機的設定
按下 **製氷** 按鍵 讓「製氷」顯示亮燈。



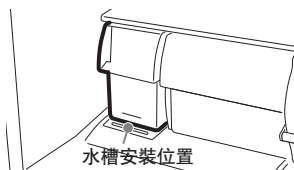
- 2 取出給水槽。
「給水」的警示燈亮起，或是水量已經接近「給水線」時請補充水。



- 3 打開蓋加水。
加到滿水線。



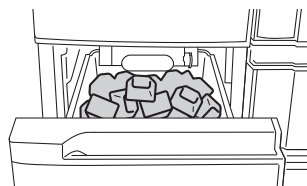
- 4 再裝回給水槽。
推入到超過「水槽安裝位置」的線位。
※ 給水槽傾斜會將水灑出。
水灑出請立即擦乾。



初次製冰時、或是一星期以上沒有製冰時，請操作「製冰機清潔」。

[19頁](#)

- 5 自動開始製冰運轉，在製冰盒裏儲冰。



通知事項

初次使用時，最初的製冰可能需要 24 小時以上。
通常 2 ~ 3 小時可以製 12 顆冰。

不製造冰塊 (製冰停止)

- 1 自動製冰機的設定
按下 **製氷** 鍵，讓「停止」顯示亮燈時，則停止自動製冰功能。
※ 當設定為「停止」時，「給水」的燈號則不顯示亮燈。

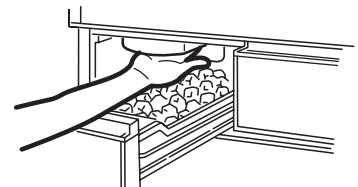
[19頁](#)

- 2 取出給水槽，清洗乾淨並讓其乾燥。
(保養的方法請參照 [23頁](#))

- 3 裝回給水槽
用力往內壓直到超過「水槽安裝位置」的線為止。

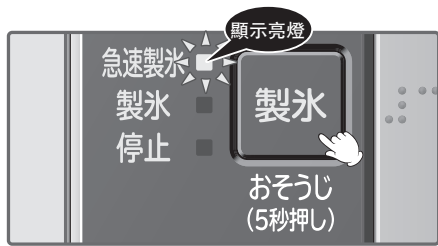
警告

- 請勿觸摸自動製冰機的機械部分。
(當製冰盤旋轉時，會有受傷的危險)



快速製造冰塊 (急速製冰)

按下「製冰」鍵，讓「急速製冰」顯示亮燈。
比起動「製冰」功能，可以縮短製冰時間。
※ 約 7 小時後會自動切換成「製冰」狀態。



通知事項

- 完成操作之後，為了省電約 2 分鐘後顯示滅燈。但「急冷凍」、「急冷藏」、「節電」、「急速製冰」以及「給水」顯示燈、〔eco 運轉顯示燈〕不顯示滅燈。 (10頁)
- 按下「製冰」鍵時，依「製冰」→「急速製冰」→「停止」→「製冰」→...順序切換，以顯示及操作聲音來告知目前的設定狀態。
- 操作製冰停止，可以停止自動製冰時的動作聲音 (離冰・給水等)

「給水」顯示燈

當給水槽的水量減少時，「給水」顯示燈則自動顯示亮燈，來告知目前是缺水狀態。此時請補充水至給水槽內。



注意事項

- 雖然給水槽中水量足夠，但是在給水槽安裝時沒有確實押入，「給水」顯示燈也會顯示亮燈。此時請確實地將給水槽押入至固定位置。

通知事項

- 「給水」顯示燈顯示亮燈的狀態下開啟冰箱箱門時，「給水」顯示燈會暫時熄滅，若沒有補充水時則會再次亮燈。
- 當自動製冰機設定為「停止」時，「給水」顯示燈則不會顯示亮燈。

製冰時間與冰的容納量

運轉狀態	一次的製冰時間 (1 次 12 個)	狀態	製冰盒的收納量
正常運轉	約 110 分 ~140 分	正常狀態	約 120 個
急速製冰	約 70 分 ~80 分	把冰塊向前移的狀態	約 150 個

※ 周圍溫度 25°C，各冷藏庫的溫度設定在「中」的位置，無開關冰箱門的狀態。

● 以下的情況會造成製冰時間變長。

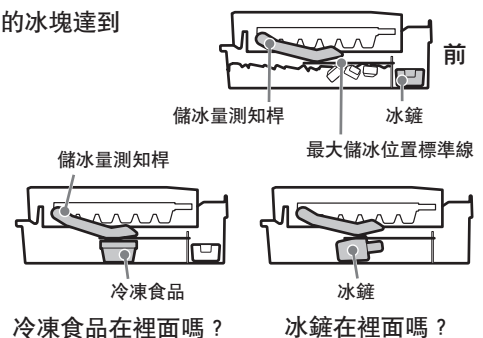
- 首次使用時 (可能需超過 24 小時)
- 當冰箱內在同一時間儲存大量的食品時
- 冰箱門常被開啟 / 關閉
- 當停電時
- 清洗冰盤過後
- 當冬天等四周的氣溫低

通知事項

- 自動製冰機上的儲冰量測知桿 (通常看不見) 自動檢測儲存冰塊的數量。如果儲存的冰塊達到一定數量會自動停止製冰，當冰塊數量減少時會恢復製冰。
- 最大儲冰位置標準線表示的是冰塊平放在冰盒中時的最大容量。如果冰盒內只有一部分冰塊，但是冰塊提早碰到了測知桿，即使冰塊數量很少，製冰機也會停止製冰。

注意事項

- 自動製冰設定時，製冰盒中請勿放冰以外的冷凍食品等。(會造成不能製冰、食品碰到製冰機的部件、門打不開、部件損壞的情況)
- 請小心開關製冰室的門。若太用力開關製冰室門時，冰塊可能從製冰盒掉到下層冷凍室。
- 建議使用自來水煮沸冷卻後來製冰*
* 請向當地相關機關確認水質狀況。
- 因衛生上的理由，請至少每週更換一次水，並清洗容器。
- 使用含豐富礦物質的礦泉水製作冰塊時，會產生白色的粉末，這是礦物質成分，在衛生上無害。
- 本說明書所提到的水，皆須符合飲用水質標準。



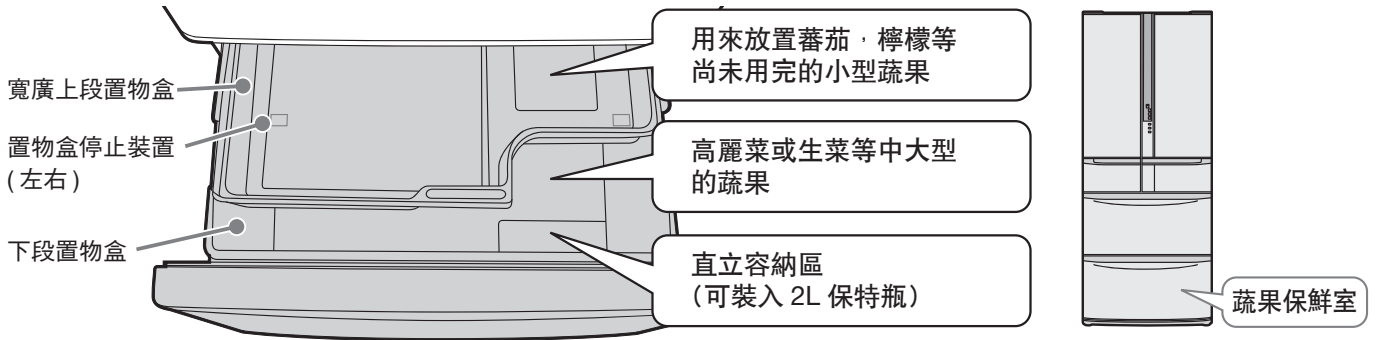
- 如下列所示，因為容易受到細菌污染，平常請三天清洗容器一次。



- 由於會導致故障，或是會造出畸形・連體的冰等，請不要使用這些 (液體)。

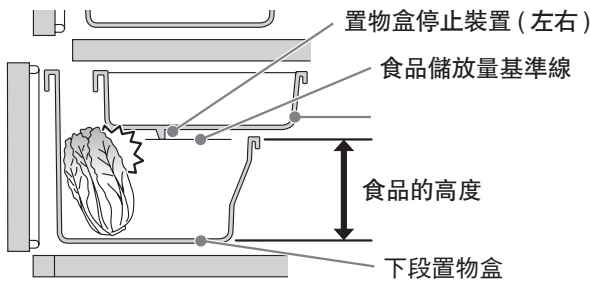


蔬果保鮮室



使用寬廣上段置物盒・下段置物盒

- 冷氣不會直接吹著蔬果，溫和而確實加以冷卻。不用保鮮膜也能夠使蔬果的水分保持新鮮。

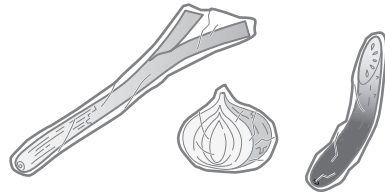


注意事項

- 請不要讓食品超出食品儲放量基準線。
・ 如果冰箱門沒有關緊，冷凍狀況會不好。 ・ 食品，各置物盒會破損。

- 這個時候要用保鮮膜包住蔬菜

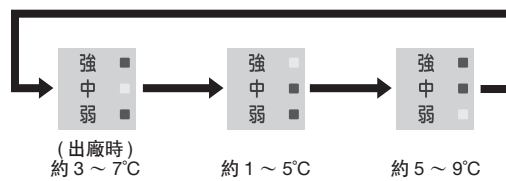
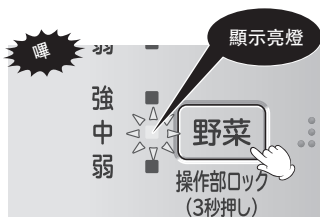
- 擔心大蔥・韭菜・蔥蒜等的氣味傳到別的食品上時
- 儲存尚未用完的蔬菜或水果時
- 蔬果儲量少的时候，或是已包裝的蔬菜多的時候
- 介意蔬果保鮮室內的結露時



調節蔬果保鮮室的溫度

- 按下 **野菜** 鍵調整設定溫度

按下按鍵時依下列的順序切換。



※ 周圍溫度 30°C，在不放入食品關閉冰箱門，安定運轉時的大致溫度。

- 平常時請調整在「中」的位置。溫度會隨著使用條件不同稍有變動。
- 操作部的詳細使用方法請參閱 [10頁](#)
- 若要更細微調整溫度時請參閱 [27頁](#)

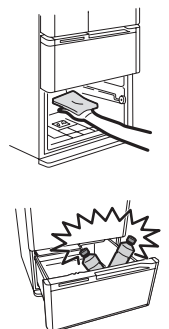
通知事項

- 若長時間使用「強」的功能時，含水分較多的蔬菜會有結凍的可能。

[25頁](#)

注意事項

- 根據塑膠瓶的種類，有些是不能儲放的。另外，塑膠瓶的蓋子沒關緊也不能存放。
- 當外面溫度低時，置物盒內的溫度可能也會變低。
- 因蔬果保鮮室的濕度較高，因存放的蔬果量或種類不同，可能在上段置物盒或蔬果保鮮室的頂部凝結露水。當水積多時可能對食品造成損傷，請以乾布擦拭。
- 蔬果保鮮室的門請慢慢的開閉。如開閉力量太強，直立存放區的食品（塑膠瓶等）會翻倒。



冰箱內部・冰箱外部的保養清潔



警告

清掃時，請一定要把電源插頭從插座拔掉。

發現骯髒時

- 立即擦乾淨。
看不到的部分也請一年清掃一次。
- 用柔軟的布沾濕溫水擦。
污垢難以擦掉的時候，可將廚房用的中性洗潔劑稀釋使用，用沾了溫水的濕布擦乾淨。
因為有些洗劑是不可使用的，請參考本頁的

注意事項

- 卸除部件時，請先將食品取出來。

注意事項

- 因為置物箱以及抽屜式軌道的接觸面上都塗有潤滑劑，請勿擦拭此部分。（潤滑劑是符合食品衛生法的標準。）

電源插頭

- 附著在電源插頭上的灰塵擱置而不清掃的話，會導致火災。請每年清掃一次。

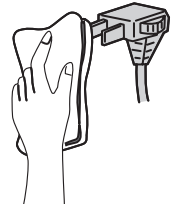
1 將電源插頭從插座拔掉。

2 檢查。

- ・ 電線有損壞嗎？
- ・ 電源插頭髮熱嗎？

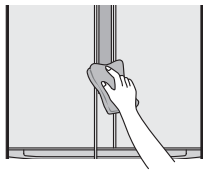
3 用乾布擦去灰塵等。

4 將電源插頭確實插入插座上。



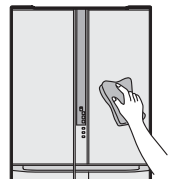
操作部

- 操作部分請使用柔軟的布乾擦。
- 請勿淋水。
否則會導致故障。



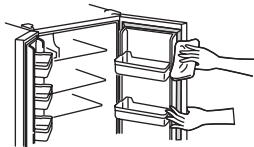
箱門表面

- 箱門表面請用柔軟的布沾濕溫水擦。



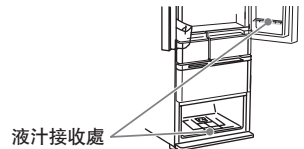
箱門密封墊

- 由於此部分容易髒，請擦乾淨。



液汁承接處

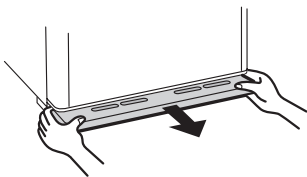
- 積著汁液時，請擦乾淨。



冰箱背面・地板

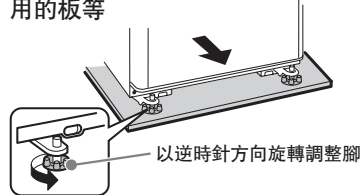
1 將腳座護蓋往前拉出卸下。

安裝時，從正面插入



2 使調整腳浮起離開地面，將冰箱往身前筆直地拖出。

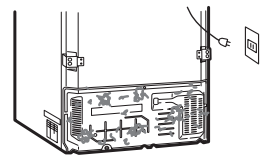
若是容易刮壞的地板，則鋪上保護用的板等



以逆時針方向旋轉調整腳

3 擦乾淨背面・牆壁・地板上的污垢

背面由於空氣對流的關係，容易堆積灰塵而弄髒。



注意事項 箱門・塗裝面・塑膠會有受損・變色的可能。

- 請勿使用以下的東西。
・ 鹼性和弱鹼性的廚房用洗潔劑・去污粉・肥皂粉・石油・熱開水・刷子・酸・揮發油・稀釋劑・酒精・漂白劑等等
(請確認洗潔劑上「根據家庭用品品質表示法表示」的「液性」欄)
- 沾到食用油・柑橘類的果汁・食品汁液時，請務必擦乾淨。
- 若使用化學抹布時，請遵守其使用上的注意事項。

卸除組件的方法

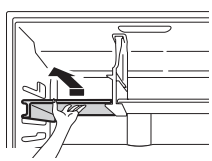
- 注意事項**
- 要卸除組件時，請先移除放在組件上的食品之後再卸除組件。
 - 請勿卸除這裡所說明的組件以外的組件。

4 段可調層架

- 將棚架整體稍微抬起，再將棚架往身體方向拉出。
- 安裝時，將棚架往內推直到抵到後面為止。

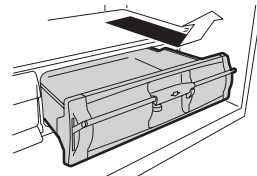
注意事項

安裝後請確認棚架是否呈水平狀態。另外往身體方向輕拉，確認是否不會輕易脫離。



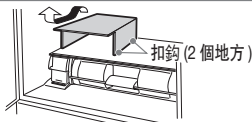
附有門的冷凍盒

- 將門往身前拉，附有門的冷凍盒輕輕地拿起將之抽出來。
- 詳細請參閱 13頁



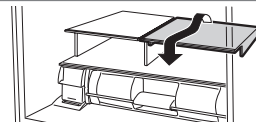
固定層架

- 往前拉出來，將右下 2 處的扣鉤拆開並取下。



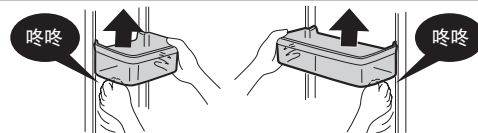
翻轉式層架

- 稍微抬高並取下。



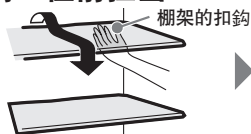
箱門置物架

- 一邊輕敲底部左右一邊提高便可卸取。
- 安裝時，請完全裝入到最底。

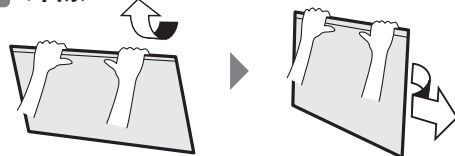


可調式層架上側・下側

- 1** 把層架內側稍微抬高，往前拉出。



- 2** 如圖，將層架豎起後翻轉，卸除。

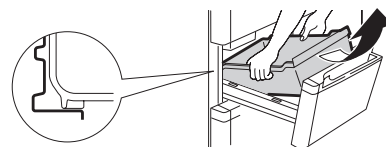


安裝時，把層架插放到最內側之後，把層架內側稍微抬高並推進去。（將層架的鉤掛在最內側的配件上）

- 注意事項** 直接把層架拉出會有可能損傷箱門。

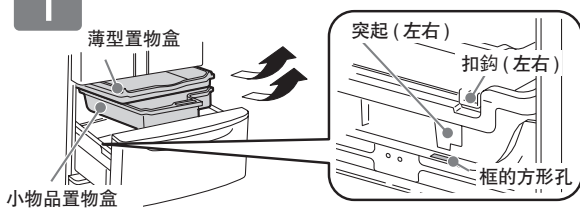
製冰室・上層冷凍室

- 打開門，向前方取出。
- 安裝時要將箱底面裝載在框子上。



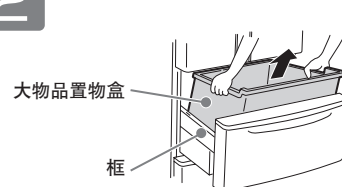
下層冷凍室（薄型置物盒・小物品置物盒・大物品置物盒）

- 1** 打開門後，拉出薄滑動盒及滑動盒。



安裝冷凍盒時，請將下層冰凍盒左右突出的部分向門框兩旁的洞角插入固定。請將滑動盒兩旁的止動裝置插入下層冷凍盒的外側。

- 2** 向上取出下層冷凍盒。



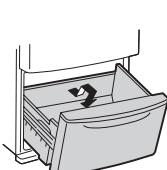
蔬果保鮮室（寬廣上段置物盒・下段置物盒）

- 1** 寬廣上段置物盒



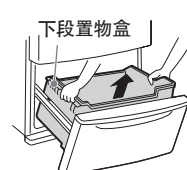
- 將箱門往跟前全部拉出，如圖將寬廣上段置物盒往上拉。

- 2**



- 將箱門稍微往上扳後，再慢慢向外拉開，讓箱門傾斜。

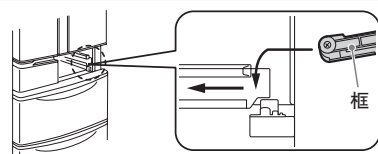
- 3**



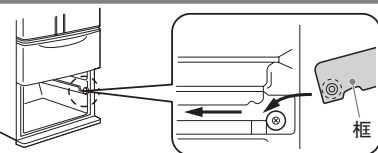
- 將蔬果箱斜的方向向上抬起。
- 安裝時，請將下段置物盒左右內側突出部分插入框的四方孔內架，將下段置物盒的邊緣安裝在框架上。

抽屜式箱門的安裝方法

製冰室・上層冷凍室



蔬果保鮮室・下層冷凍室



自動製冰機的保養

用水清洗給水管路 (製冰機清潔)

- 初次使用時
- 一週以上沒有使用時

可清洗製冰盤與給水路。
操作前請確認以下事項。

● 給水槽

- 是否有裝水
- 水槽是否裝設在正確位置

● 製冰盒

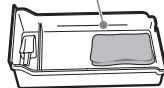
- 有殘留冰塊時請清除

都確認完了之後請操作下一個步驟。

為了防止發生錯誤的操作，毛巾請放置在線以下。

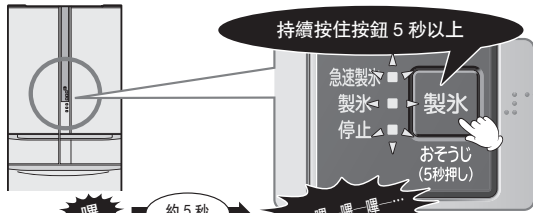
1

在製冰盒底部鋪上乾淨的毛巾。在清潔製冰盒時，為了不讓水溢出，用毛巾來吸收多餘的水分。



2

請在所有的門都關閉之後，使顯示燈亮，持續按住製冰鍵5秒以上。「急速製冰」、「製冰」、「停止」三個顯示閃爍，請在警示聲響之後放開手指。「製冰機清潔」便開始運作。



- 大約3分鐘之間，顯示閃爍、警報器會一直響。
- 操作「製冰機清潔」功能時在途中無法停止。
- 操作「製冰機清潔」功能當中，如果打開冰箱的任何一個門時，則有可能無法正常運作。請在製冰機清潔運作結束之前不要開啟冰箱門。
- 冰箱門警示生設定在停止的狀態下警示聲也會發出聲響。 (P.28頁)

3

約3分鐘過後，警示聲停止，顯示滅燈以後，除去製冰盒內的冰與毛巾，擦拭乾淨。

(卸取盒子時，請事先擦拭盒中殘留的水。)



給水槽裡剩下的水，可以繼續直接使用。

給水槽的保養清潔

● 清掃的標準次數

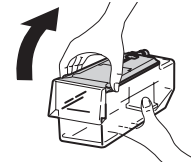
自來水	1週以內1次
礦泉水·井水·淨水器的水·涼開水等 (不含氯素的水)	3天1次

不含氯素的水比自來水容易產生水垢·發黏，為了防止雜菌繁殖請定期清洗水槽。

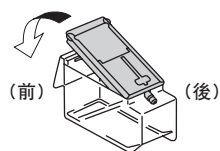
● 請將密封墊圈從水槽蓋取下，用柔軟的海綿等清洗乾淨。



● 開蓋方法



● 關蓋方法



請從水槽蓋的後方插入，往箭頭方向關上。

淨水濾網的保養清潔

(更換的基準約3~4年) (P.27頁)

1

盒子由旋轉蓋上卸下來。



2

用手指扳著扣鈕將淨水濾片從盒子裡取下來。



3

以柔軟的海綿等用水洗乾淨。

請不要使用洗潔劑等。

通知事項

- 製冰停止，暫時不使用自動製冰機時，請將給水槽清洗乾淨並讓其乾燥，安裝至規定的位置。
- 特別是淨水濾片，請徹底弄乾。



警告

- 請勿觸摸自動製冰機的機械部分。(當製冰盤旋轉時，會有受傷的危險)

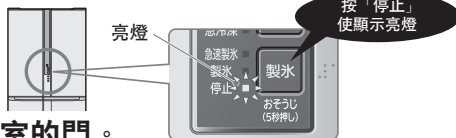
製冰盤的保養清潔

● 每年清掃1次

1

為了停止往製冰盤給水，請按製冰選擇鍵讓其示為「停止」。(停止製冰)

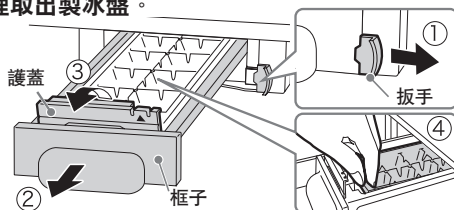
※ 若若顯示燈閃爍時，請約等1分鐘，「停止」顯示燈亮後再進行以下操作。



2

打開製冰室的門。

- ① 將扳手往橫的方向押。
- ② 拉出框子。
- ③ 護蓋 (▲部) 往身前方向揭起
- ④ 從框子裡取出製冰盤。



通知事項

- 製冰盤的「框子推不到底」時，驅動製冰盤的馬達有可能以啟動。一旦卸除製冰盤，只將框子推入並關上所有的門，在按下製冰按鍵，設定為「停止」。過了一段時間製冰盤的驅動馬達的準備完成後，便可安裝。

3

騰空製冰盤，用流水簡單沖洗。



請勿使用刷子去污粉等容易刮傷的東西。

4

- ① 安裝製冰盤並關上
- ② 護蓋。
- ③ 將框子水平地插入到最裏面 (扳手會自動回到原來位置。)



5

請按下製冰按鍵，讓「製冰」顯示亮燈。(開始自動製冰)



遇到問題時

在委託修理之前，請再次檢查以下幾點。狀況仍然不好的時候，請聯絡所購買的經銷店或敝公司客戶服務部。

初次使用時常有的疑問

初次使用時
不夠冷・
不能製冰

- 夏季或食品多的時候，需要時間冷卻。
→ 安裝之後，可能需要花費 4 至 24 小時以上。
- 初次使用時，冰箱內冷卻以後才開始製冰運作，所以較費時。
根據食品的量及存放方法，最初的製冰可能需要 24 小時以上。
→ 請迅速地開閉箱門或盡量少開。
- 食品之間請空開間隙存放。

這種情況下

請檢查一下，是這個原因嗎？

操作部分沒有反應

操作部不起反應

- 操作面板的鎖定功能是否選擇在「設定」位置？[\(P.28頁\)](#)
- 冷藏室門開著嗎？請關閉後再操作。

自動製冰不正常

完全不能製冰

- 自動製冰機的設定是否設定在「停止」的狀態？[\(P.18頁\)](#)
- 給水槽是否推入到超過「水槽裝置」線？[\(P.18頁\)](#)
- 製冰盒裡面是否存放了冰外以外的東西？[\(P.19頁\)](#)
- 儲冰量是否有局部超過最大儲冰界線？[\(P.19頁\)](#)

很難結冰
製冰盤裡不給水

- 是否頻繁地敞開門，是否一次存放了大量的食物呢？冰箱內恐怕是沒有充分冷卻。
→ 請試試在冰箱內冷卻前，盡量減少開閉門。
- 請試試盡量空開儲存食品之間間隙。
- 冬季每結一次冰可能需要 4 小時以上。
- 從「停止」的設定，變更到「製冰」的設定之後，結冰的時間會比平常需更長的時間。
- 食品或袋子是否被夾著，門關緊了嗎？
→ 請在關著門的狀態檢查一下密封襯條處有無縫隙。
- 是否設定為「節電」模式？請解除「節電」模式。[\(P.11頁\)](#)

冰塊有凸起

- 是製冰盤的溝上積水凍結了。不是異常。

所儲存的冰塊變圓
冰塊之間粘在一起

- 長時間積儲著沒使用的舊冰塊，會自然變小，粘在一起。
- 是否頻繁地敞開門，是否一次存放了大量的食物呢？冰箱內的溫度上升，積儲的冰塊，會變小並粘在一起。
- 有可能是箱門或抽屜一時沒關緊。

製成的冰塊很小

- 給水槽的水剩的很少時，會製成的冰塊。
→ 請試試加水加到給水槽的滿水線。[\(P.18頁\)](#)

製成的冰塊一開始
就粘在一起

- 製冰盤裡的給水量不均勻時，會結成粘在一起的冰塊。
→ 請試試加水加到給水槽的滿水線。[\(P.18頁\)](#)
- 若製冰盤裡有損傷，冰塊結成時，難以從製冰盤上取下來，會粘在一起。
多次發生同樣情況時，請與經銷店洽商，嘗試更換製冰盤。

冰塊裡有白色混濁

- 是因為混在水中的氣泡被封在冰塊裡面了。
→ 不是異常。
- 用礦泉水製冰了嗎？
→ 水中含有的礦物凍結會變白而混濁。即使在水裡融化了也會有白色混濁，不過無害。

製冰盤的框子拉不出來

- 「製冰」的顯示是否顯示著亮燈？
→ 當自動製冰機正在製冰時拉不出來。請讓「停止」的顯示亮燈。
當「停止」顯示閃爍時，請等約一分鐘，等「停止」顯示亮燈後再拉出。→ [\(P.25頁\)](#)

不冷

不冷
結霜・結露
冰淇淋太軟

確認食物的存放狀況

- 食品或袋子是否被夾著，門關緊了嗎？
→ 請在關著門的狀態檢查一下密封墊處有無縫隙。
- 是否塞入過多食品，是否一次放入了大量的食物呢？
→ 請遵守可容納食品的高度。[\(P.16頁\)](#)
→ 食品之間請空開間隙存放。
- 上層冷凍盒，薄滑動盒安裝好了嗎？
→ 請正確安裝好。[\(P.24頁\)](#)



密封襯條處發生有縫隙的狀態

確認安裝

- 根據冰箱的設置場所及空隙，環境狀況等，有可能會難以冷卻的情形。請確認是否已正確安裝。[\(P.11頁\)](#)

確認設定

- 是否設定為「節電」模式？請解除「節電」模式。[\(P.11頁\)](#)
- 溫度設定為「弱」時會是冷卻不足。
→ 冷卻不足的室內溫度設定請切換為「中」或「強」。[\(P.14, 17, 20頁\)](#)
- 在夏季等，電冰箱的環境溫度高嗎？
→ 冷卻不足的室內溫度設定請切換為「強」。[\(P.14, 17, 20頁\)](#)

確認冰箱的使用方法

- 冰箱門敞開著時，冰箱內的溫度會逐漸上升。頻繁地開閉或是長時間敞開著門的話，冰箱內的溫度會難以下降。
→ 請減少冰箱門的開閉次數及盡量縮短開閉的時間。

這種情況下

請檢查一下，是這個原因嗎？

結霜・結露

冰箱內及門・抽屜
框上結霜・結露

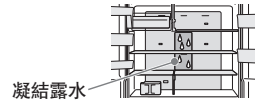
- 有可能是門或抽屜有時沒關緊。
→關閉抽屜及門的時候確認是否關緊了。
- 有可能是開關次數多、長時間連續打開了。
→試試減少開關次數，迅速地開關等。
- 防止結露用的發熱器減弱時、濕度高時，旋轉隔層部、門的密封墊、門的地方有可能會凝結露水。  (P. 27頁)

冰箱的外側結露
(外裝、門的密封
墊、門、抽屜等)

- 下雨天等室內濕度高的時候會結露。
- 冰箱內及門框接觸到外面的暖空氣時，有可能結霜、結露。
→請用乾布擦乾淨。

冷藏室中凝結露水

- 冰箱門的開關次數頻繁時，或冰箱周圍溫度高的時候壁面會起霧，在冷氣出口附近會凝結露水。
→請用乾布擦拭乾淨。

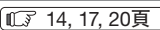
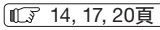


蔬果保鮮室中凝結
露水

- 蔬果保鮮室比其他的儲存室的濕度高(是為了不讓蔬果乾燥，可以長久保存所設計的)
→如果在意蔬果保鮮室的高濕度，請將食物以保鮮膜覆蓋之後在放入蔬果保鮮室內。
- 凝結露水過多時，水可能積在蔬果保鮮室的盒子中等。
→請用乾布擦拭。


太冷

太冷
凍結了

- 溫度調節為「強」了嗎？→請設定為「中」。  (P. 14, 17, 20頁)
- 環境溫度是否 5°C 以下呢？→周圍溫度低時可能冰箱內的溫度會太冷。請將溫度調節為「弱」。  (P. 14, 17, 20頁)
- 請不要放在冷氣吹出口的前面。

箱門高低不平衡以及歪斜

左右箱門高低不
平衡箱門歪斜

- 有可能設置的地方沒有水平。
由於地板太軟加上儲放物的重量使箱腳下沉等的原因，箱門會有錯位。
→性能上沒有問題，可以照舊使用，不過介意的話，試試調整左右的調整腳。  (P. 8頁)
- 冰箱本體傾斜的時候，請鋪上 1cm 以上厚的堅固的板子。

關上門之後再立刻
打開時感到吃力

- 是因為進入了冰箱內的空氣忽然受到冷卻，氣壓一時變低。



關門時其他的門會開

- 因為各室的冷氣通路是相通的，關門時由於風壓使其他門會一瞬間打開。

聲音不對

冰箱發出的聲音嘈

- 有可能沒有正確的安裝。

原因	安裝
地板彎曲	請鋪上堅固的板子後，再將冰箱安裝在板子上。  (P. 8頁)
冰箱靠著牆或家具等	請在冰箱的周圍空出間隙安裝。
腳座護蓋脫落了	請正確安裝好腳座護蓋。  (P. 8頁)

- 購買後，剛開始使用等冰箱還未冷卻時，箱門開閉頻繁時，周圍的溫度高的時候，由於壓縮機高速運作，可能會感覺到聲音大。
→充分冷卻後，聲音會變小。
夜間或長期不在等，長時間沒有將食品取出放入時，壓縮機以低速運轉，可能有較大的震動。

運作音長


- 是為了讓壓縮機慢慢地運轉，是在省電運作。

時常聲音變大

- 是因為運轉力隨著冰箱內的溫度變化在變更。

其他 例如聽到這
樣的聲音時

- 如下的聲音是正常運作時發出的，並不是異常。

聲音的種類	聲音的發生源
<ul style="list-style-type: none"> ・像流水的聲音 (啾啾啾) ・像碰撞的聲音 (叩叩叩) ・像沸騰的聲音 (噼噼噼) ・像燒肉的聲音 (唧唧) 	是為了冷卻電冰箱的冷媒流動聲・融霜時的水流聲・蒸發聲。
<ul style="list-style-type: none"> ・像摩擦的聲音 (啤啤) ("叩動"聲) 	是冷藏庫的溫度變化時，或真空開+1°C室的氣壓變化時，部件的摩擦聲。
<ul style="list-style-type: none"> ・像什麼被卡著的聲音 (嗶嗶嗶) ・像呻吟的聲音 (嗚嗚) ・像剛關門的聲音 (叭叭) 	是控制冰箱內溫度的電氣部件或真空幫浦的運作聲。
<ul style="list-style-type: none"> ・自動製冰機的聲音 (啾啾) (嘎啞啞) (咯啞啞) 	是冰塊從自動製冰機的製冰盤掉落時，或是製冰盤裡給水時所發出的聲音。給水槽空的時候，每隔 2 至 3 小時也會發出聲音。按下  按鈕，讓其顯示為「停止」時，白不會發出聲音。  (P. 18頁)
<ul style="list-style-type: none"> ・時常有的聲音 (卡嗒卡嗒) 	為了冷卻冰箱內開始運作時的聲音。

冰箱發熱

電冰箱的側面發熱
箱腳底下吹出暖風

- 為了讓冷卻裝置運作時所發出的熱氣向外排而會發熱。
→剛安裝後或是夏季，可能會有 50 ~ 60°C，在安全上及性能上沒有問題，請勿以手觸摸。

遇到問題時

遇到問題時



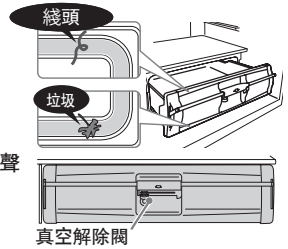
這種情況下

請檢查一下，是這個原因嗎？









有異味

冰塊有異味	<ul style="list-style-type: none"> ●給水槽・淨水濾片骯髒嗎？冰塊舊嗎？ →為了防止「發黏」「水垢」，請定期清洗。(P.23頁) ●由於自來水中的氯元素凝縮，氯的氣味會很重。
冰箱內有異味	<ul style="list-style-type: none"> ●是否直接地儲放了氣味重的食品呢？ →脫臭機能不能完全去除所有的氣味。 請用保鮮膜等密封後儲放。
有塑膠味	<ul style="list-style-type: none"> ●是因為在冰箱內使用了多數的塑膠部件，不過，充分冷卻後自然就會慢慢減輕。為慎重起見，請讓房間保持通風。

真空冷凍上的問題

<p>「Auto」・「-1°C」・「+1°C」的任何一個顯示呈現閃爍時</p> 	<p>真空機能無法正常啟動，請確認以下各項。</p> <ul style="list-style-type: none"> ●把手是否有推到最終的位置，牢牢地鎖住？ →如果沒有鎖住，則無法啟動真空機能。 ●真空密封墊與承托部之間是否夾著食品的包裝袋、頭髮等？ →只要有些微的碎屑被夾在其中，則無法維持真空。請將碎屑清除。 ●真空密封墊、真空密封墊承托部是否髒了？ →髒了請以布擦拭乾淨。(P.13頁) ●真空解除閥(藍色)是否脫落了，鬆了？ →請牢固地裝設在把手的洞。 	
<p>打開時，不發出「咻-」的聲音</p> 	<ul style="list-style-type: none"> ●真空墊部分是否夾著食品的包裝等，有無附著污垢、線頭及垃圾呢？(P.13頁) →食品的包裝被夾著時，請去除。 →請清掃髒了的真空墊。 ●真空墊及在把手下部的真空解除閥(藍色)是否脫落了、鬆了呢？ ●「Auto」・「-1°C」・「+1°C」是否顯示著亮燈？ ●把手往上翹著嗎？ ●真空室剛關閉後時，由於真空泵是在開始運作的準備狀態下，可能不發出「咻-」的聲音，並不是故障。 	 <p>線頭 垃圾 真空解除閥</p>
<p>不知道是否在真空</p>	<ul style="list-style-type: none"> ●打開時如有「咻-」的聲音，便是正常。 	
<p>把手不能上鎖</p>	<ul style="list-style-type: none"> ●真空墊部分及真空冷凍盒的裏面是否有食品等被夾著呢？(P.13頁) ●真空冷凍盒前面和門的軸是否脫落了？(P.13頁) 	
<p>真空室的周圍發出「呸~」的聲音和振動</p>	<ul style="list-style-type: none"> ●是真空泵的運作聲音。不是異常。 ●如夜間等介意有聲音的時候，可以停止真空泵的運作。(P.12頁) ●頻繁地有聲音及振動時，有可能是門上夾著東西或是真空墊髒了。(P.13頁) 	
<p>真空室內部有水滴或結霜</p>	<ul style="list-style-type: none"> ●因為真空室是密封的狀態，如果存放水分較多的食品時，水分蒸發會在室內凝結成露水或結成霜。 →水分較多的食品建議以保鮮膜包覆 →如果附著了水滴或結霜，請以乾布擦拭。 	
<p>真空室的食品凍結</p>	<ul style="list-style-type: none"> ●是否存放了茄子、黃瓜等不耐低溫的蔬果呢？ ●設定是否為「冰溫」或是「全熄燈(真空關閉 冰溫)」的狀態？(P.12頁) →請設定為「冷凍」 	

操作部的「」顯示等呈閃爍的狀態

<p>操作部的「」顯示等呈閃爍的狀態</p> 	<ul style="list-style-type: none"> ●是通知自動製冰機、溫度控制或除霜裝置等有異常。 ●即使確認下表的内容，閃爍還是不停的時候，或閃爍模式不同時，請與經銷店洽商。 																							
<table border="1"> <thead> <tr> <th>顯示閃爍模式</th> <th>可能的原因</th> <th>請確認</th> </tr> </thead> <tbody> <tr> <td>「」閃爍3次</td> <td>製冰盤及儲冰量測知桿上，有食品等觸碰著的可能。</td> <td>請把製冰室騰空後實施「製冰機清潔」。(P.23頁)</td> </tr> <tr> <td>「」閃爍(除了閃爍3次之外)</td> <td>告知有異常。</td> <td>請與購買的經銷店洽商。</td> </tr> <tr> <td rowspan="2">「Auto」或「-1°C」或「+1°C」閃爍</td> <td>真空機能有可能不是在正常運作。</td> <td>請確認「真空冷凍上的問題」(P.26頁)</td> </tr> <tr> <td>有可能是設定在工作人員確認運轉用的式樣。(※1)</td> <td>約15分鐘後恢復通常式樣。使用上有問題。</td> </tr> <tr> <td>「急速製冰」・「製冰」・「停止」閃爍</td> <td>正在進行「製冰機清潔」。</td> <td>請確認「自動製冰機的保養」(P.23頁)</td> </tr> <tr> <td>「停止」閃爍</td> <td>在製冰中途製冰「停止」時會閃爍。</td> <td>請確認「製冰盤的保養」(P.23頁)</td> </tr> <tr> <td>全部的顯示閃爍。</td> <td>箱門敞開了1分鐘以上的狀態。(門沒關緊等)</td> <td>請確認「冰箱門警聲」(P.28頁)</td> </tr> </tbody> </table>	顯示閃爍模式	可能的原因	請確認	「  」閃爍3次	製冰盤及儲冰量測知桿上，有食品等觸碰著的可能。	請把製冰室騰空後實施「製冰機清潔」。 (P.23頁)	「  」閃爍(除了閃爍3次之外)	告知有異常。	請與購買的經銷店洽商。	「Auto」或「-1°C」或「+1°C」閃爍	真空機能有可能不是在正常運作。	請確認「真空冷凍上的問題」 (P.26頁)	有可能是設定在工作人員確認運轉用的式樣。(※1)	約15分鐘後恢復通常式樣。使用上有問題。	「急速製冰」・「製冰」・「停止」閃爍	正在進行「製冰機清潔」。	請確認「自動製冰機的保養」 (P.23頁)	「停止」閃爍	在製冰中途製冰「停止」時會閃爍。	請確認「製冰盤的保養」 (P.23頁)	全部的顯示閃爍。	箱門敞開了1分鐘以上的狀態。(門沒關緊等)	請確認「冰箱門警聲」 (P.28頁)	<p>※1 長時間(10秒鐘以上)碰觸同一個鍵鈕時，可能會成為確認運轉用的式樣。</p>
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遇到問題時 / 另購零件

這種情況下

請檢查一下，是這個原因嗎？

其他	
觸碰到機體會感覺到微量的電流	<ul style="list-style-type: none"> ●電冰箱會帶有靜電，安全上沒有問題。 →介意的話，建議實施接地。(P.9頁)
電視機、收音機等發生有雜音、映像的花亂	<ul style="list-style-type: none"> ●是從電冰箱發出的微弱電磁波的影響。 →要安裝時請遠離電視機、收音機、門鈴對講機等。 →建議在離開天線等的地方接電源，實施接地。(P.9頁)
塑膠零件上有像傷痕一樣的細線	<ul style="list-style-type: none"> ●是塑膠成型時發生的樹脂流痕。 透明的部件會特別顯眼，強度上沒有問題，不會破裂。
箱門面或側面、頂面上有波紋或歪扭	<ul style="list-style-type: none"> ●冰箱的製造工程上，會發生輕微的波紋或歪扭。 根據照射方向及亮度等會感到顯眼，但性能上沒有問題。
操作部顯示滅燈	<ul style="list-style-type: none"> ●完成操作之後，為了省電約2分鐘後顯示滅燈。但「急冷凍」、「急冷藏」、「節電」、「急速製冰」以及「給水」警示、「eco運轉警示」不顯示滅燈。 為了讓其亮燈，請打開冰箱門或是觸碰任何一個按鍵。
箱門內側有小的洞	<ul style="list-style-type: none"> ●這個洞是在冰箱製造過程中，填充絕緣材料時為了讓內部的空氣往外散所挖的洞。 不是損傷也不是異常情形。  <p>孔(門內側)</p>
停電了	<ul style="list-style-type: none"> ●在到恢復之間，請減少箱門的開閉，避免重新再存放食品。
長時間不用	<ul style="list-style-type: none"> ●請將冰箱內的東西全部清出，拔下電源插頭，清掃冰箱內及自動製冰機，所有的門打開乾燥2~3天。(P.15, 21~22頁)
除霜	<ul style="list-style-type: none"> ●此電冰箱自動除霜，不需要操作。溶解了的水會積在蒸發盤上，自動蒸發。
移動·搬運	<ul style="list-style-type: none"> ●請參閱「移動·搬運的事前準備(搬家時)」(P.9頁)
將防止結露用的發熱器〔旋轉隔板部·隔板鐵板部〕設定為較弱時	<ul style="list-style-type: none"> ●防止結露用的發熱器設定在較弱的程度時，可以節省電力消耗。 有1級及2級兩階段，2級可以更節省電力。 防止結露用的發熱器設定在較弱的程度時，濕度高的時候在旋轉隔板及隔板的鐵板部會有起霧的現象。 若起霧時請解除設定。 ●當拔除插頭再插入，或是停電恢復供電時將會解除設定。 ●旋轉隔板的設定 <ol style="list-style-type: none"> 1. 打開冷凍室下層的門。 2. 冰箱門在關閉狀態下，按住操作部的「冷」按鍵3秒以上，直至發出「嗶-」聲音。(省電1級) 3. 按住操作部的「野」按鍵3秒以上，直至發出「嗶-嗶-」聲音。(省電2級) 4. 關閉冷凍室下層的門。 ●隔板的鐵板部的設定 <ol style="list-style-type: none"> 1. 開啟下層冷凍室門。 2. 在關閉冷藏室門的狀態下持續按住操作部「野」鍵3秒以上直到發出“嗶吱”聲。(1階段) 3. 持續按住操作部「野」鍵3秒以上直到發出“嗶吱嗶吱”聲。(2階段) 4. 關閉下層冷凍室門。 <p>解除設定時，與省電2級的狀態時同樣操作方式。 警示聲「嗶嗶」響時，則表示解除設定。</p>  <p>(只有六門形式)</p> 
想更詳細調節溫度時	<p>冷藏室和冷凍室的溫度設定可以調整更細微的「弱」「中」「強」。</p> <ol style="list-style-type: none"> 1. 打開冷凍室下層的門。 2. 按住操作部的「冷」按鍵持續5秒以上，直到發出「嗶」聲。(即可細微調整溫度。) 3. 按「冷」「冷」「野」按鍵，每按一次則增強一個階段。(在「強」時在按一下，則回復為「弱」) 4. 想停止微細調節時，請進行1和2的操作。 警報音「嗶嗶」響起便回復為通常的調節。  <p>顯示亮燈</p> <p>弱 中弱 中 中強 強</p> <p>設定溫度</p>

遇到問題時 / 另購零件

另購零件

以下零件更換時，請務必向經銷店指明型號名，購買專用的零件。

淨水濾片的更換

- 舊了請更換。(基本上是約3~4年)
- 訂購更換用的淨水濾片
請指定零件型號：RJK-30，向經銷店購買。

更換真空密封墊

- 當破損·變形·變色，以致無法保持真空狀態時，請立即更換。
- 冰箱型式的零件編號

	零件編號
R-SF62BMJ型	R-A6200 321
R-SF58BMJ, R-SF48BMJ	R-A5700 321
R-S59BMJ, R-S49BMJ型	
R-S51BMJ型	R-S50AM 321

[eco 運轉顯示燈] / 箱門警報器 / 操作部鎖定功能

注意事項 ●請關閉所有的門的情況下進行設定操作。(P.10頁)

[eco 運轉顯示燈]

霜循環冷卻時，減少電力消耗，自動顯示燈亮燈，告知冰箱是處在省能源運轉狀況。

(eco 運轉顯示燈)



通知事項

- [eco 運轉顯示燈] 無法亮燈時，可能是以下的原因。
 - [eco 運轉顯示燈] 是否設定為顯示燈熄滅的模式呢？→請依照上面的說明操作回復原來設定的方法。
 - 剛安裝完成後、或一次存放太多的食品、或是冰箱門開閉的次數過於頻繁以致壓縮機進行高速運轉，所以顯示燈無法亮燈。→請盡可能冰箱開閉時間勿過久、及減少開閉次數。
 - 「急冷凍」「急冷藏」「急速製冰」正在運轉時→運轉結束後冰箱的運轉在安定的情況下，顯示燈亮燈。
- 當拔除電源插頭再插上插頭時，或停電後恢復供電時，[eco 運轉顯示燈] 則恢復到原來的設定。

夜間等特別在意亮燈時，可以將 [eco 運轉顯示燈] 熄滅。

■將顯示燈熄滅的方法

全部冰箱門關閉的狀態下，按下 **真空チルド** 按鍵持續 3 秒，直到 [eco 運轉顯示燈] 閃爍為止。

[eco 運轉顯示燈] 顯示滅燈。



持續按下按鍵約 3 秒

■回復到原來設定的方法

全部冰箱門關閉的狀態下，按下 **真空チルド** 按鍵持續 3 秒，直到 [eco 運轉顯示燈] 顯示亮燈為止。

[eco 運轉顯示燈] 3 秒顯示亮燈，之後根據運轉狀態顯示亮燈，或滅燈。



持續按下按鍵約 3 秒

箱門警報器

箱門的打開狀態超過 30 秒以上，便會發出如下表所示的警示聲與操作部文字閃爍，以聲音與亮光告知箱門開著。

箱門的打開時間	警報音	操作部
30 秒鐘後 ※	嗶—嗶—嗶—	不閃爍
1 分鐘後	嗶—嗶—嗶—	閃爍
2 分鐘後	嗶—嗶—嗶—嗶—嗶—	閃爍
3 分鐘後	連續不停響。	閃爍

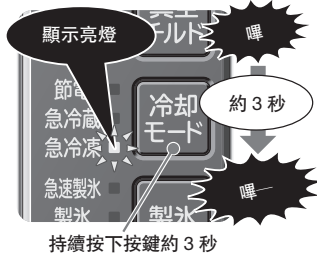
※30 秒後，只有設定為省電模式時冰箱門警報聲才會響。箱門警報器功能是附屬於冷藏室・製冰室・下層冷凍室。(上層冷凍室・蔬果保鮮室沒有附此功能)

可以停止箱門警報

■可以停止箱門警報器

全部冰箱門關閉的狀態下，按下 **急冷** 按鍵持續 3 秒，直到發出“嗶”聲響。

設定結束時則回復到最初的顯示。

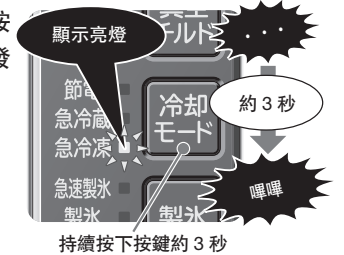


持續按下按鍵約 3 秒

■再次使警報器響時

全部冰箱門關閉的狀態下，按下 **急冷** 按鍵持續 3 秒，直到發出“嗶嗶”聲響。

設定結束時則回復到最初的顯示。



持續按下按鍵約 3 秒

通知事項

- 將冰箱門警報聲关掉後，操作部的文字顯示燈的閃爍也停止。此外操作音也停止，但「製冰清潔」的警報聲還會發出聲響。
- 出廠時，冰箱門警報聲設定在會發出聲音的狀態。
- 當拔除電源插頭再插上插頭時，或停電後恢復供電時，冰箱門警報音則恢復到原來的設定。

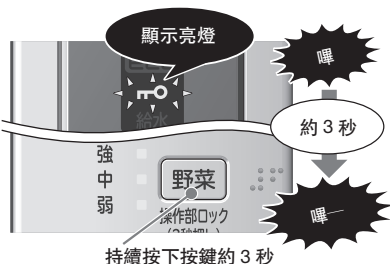
操作部鎖定功能

FO (按鍵鎖) 的顯示燈亮燈時，即使按了其他的按鈕也無法操作。是為了防止誤觸操作部，及兒童亂弄冰箱而設計的功能。

■設定鎖定

按下 **野菜** 按鍵持續 3 秒，直到發出“嗶”聲響。

FO 顯示亮燈則表示設定完成。

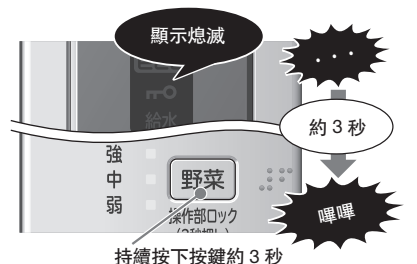


持續按下按鍵約 3 秒

■解除鎖定

按下 **野菜** 按鍵持續 3 秒，直到發出“嗶嗶”聲響。

FO 顯示滅燈則表示解除設定完成。



持續按下按鍵約 3 秒

通知事項

- 設定後，請確認冰箱內的溫度設定。

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〔eco 運轉顯示燈〕 / 箱門警報器 / 操作部鎖定功能



SAFETY SUGGESTIONS



Ensure to follow these precautions

When using this appliance, failure to follow safety precautions may result in personal harm, harm to other people, and also damage to property.

■ The following pictographs categorize and explain the level of possible harm or damage that may occur from ignoring suggestions resulting in missing the appliances.



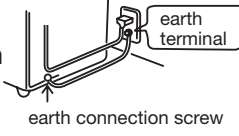




■ How the suggestions should be taken are indicated and categorized by the following symbols accompanied by explanations. (The symbols below are examples)

	WARNING	Suggestions headed by this pictograph indicate "There is high chance of serious injury or death" if ignored.
	CAUTION	Suggestions headed by this pictograph indicate "There is a high chance of injury or damage to property" if ignored.


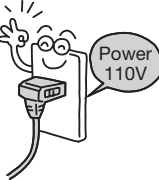


	This symbol indicates something you must not do. (Prohibited)
	This symbol indicates something you must do. (Compulsory)

WARNING

Installation

- 
Install earth leakage circuit breaker when installing the refrigerator in a humid or damp environment.
 Electrical leakage due to failure, etc. could result in electrical shock.
 - Make sure to contact the dealer for earthing installation.  Pg.35
- 
Do not install the refrigerator in damp places or where water may splash.
 This may impair electricity insulation causing electric shock or fire.
- 
Take measures to prevent overturning of refrigerator due to earthquake, etc.
 Overturning of the refrigerator could result in personal injury.  Pg.35
- 
Do not do anything that may damage the power cord or plug.
 The power cord or plug should not be cut, modified, touched with hot implements, bent by force, twisted, pulled, have heavy objects placed on it, squeezed by the refrigerator, or be bound or tied up.
- 
Do not insert or remove the power plug with wet hands.
 This may result in electric shock.

Handling the power and power cable

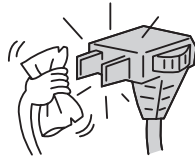
- 
Avoid usage that may cause the wall outlet or power cord components to work beyond the specified voltage. Also do not use power sources that are not a rated voltage current.
 If a power source is shared with other appliances, double or multipoint adapters may heat up beyond normal levels and cause fire.
 - Use a wall outlet rated above 15 ampere by itself.
- 
Connect the power plug firmly to a power outlet with the cord running down.
 Connection of the power plug with the cord running up could apply stress on the cord and cause electrical short or overheat, which could result in electrical shock or fire.
 - Incomplete connection of the power plug could result in electrical shock or fire due to heat.
- 
Do not do anything that may damage the power cord or plug.
 The power cord or plug should not be cut, modified, touched with hot implements, bent by force, twisted, pulled, have heavy objects placed on it, squeezed by the refrigerator, or be bound or tied up.
 Using a damaged power cord may cause electric shock, short circuits, or fire.
 - Please consult with a retailer about the repair of the power cord or plug.
- 
Do not insert or remove the power plug with wet hands.
 This may result in electric shock.

⚠ WARNING

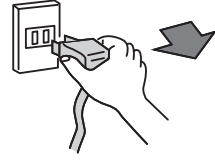
Handling the power and power cable




- **Clean the dust on the power plug frequently.**
Insulation failure from moisture when dust collects on the power plug may cause fire.



- **Be sure to unplug the power plug before maintaining the refrigerator.**



Continued use may cause electric shock or injury.  Pg.47

- Always hold the plug when unplugging it.

During normal use



Wetting Prohibited

- **Do not splash water on or inside the refrigerator.**

- This may impair electricity insulation causing electric shock or fire.



Prohibited

- **Do not put in things that may catch fire.**

- Benzine, ether, LP gas, thinner, adhesives may ignite an explosion.



Wetting Prohibited

- **Do not put water containers on the refrigerator.**

- Spilled water may impair insulation of electrical components causing faulty electrical currents. This may result in electric shock or fire.



Prohibited

- **Do not use flammable sprays near the refrigerator.**

- Sparks from points of electrical contact such as door switches may ignite a fire.



Prohibited

- **Do not put things on top of the refrigerator.**

- Opening and closing doors etc. may cause things placed on top of the refrigerator to fall resulting in injury.



Prohibited

- **Drugs, chemicals, research and experimental substances should not be stored in the refrigerator.**

- Substances that require precise conditions for storage cannot be stored in a domestic refrigerator.



Contact Prohibited

- **Do not touch the machinery components of the Automatic ice maker.**

- There is a danger of injury when the ice trays are rotating.



Prohibited

- **Do not hang on the doors or step on the various compartments.**

- Injury may be caused by the refrigerator tipping over or hands getting caught between doors.



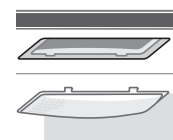
- **Children should be supervised to ensure that they do not play with the appliance.**



Prohibited

- **Do not remove the cover of the interior lamp.**

- When the interior lamp is damaged, please contact the service centre for replacing the lamp to avoid injury.



Prohibited

- **Do not hang from the Descendible Case.**



Prohibited

- **Do not add the impact to the grass door.**

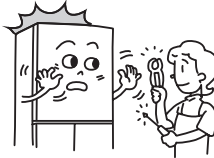
⚠ WARNING

Concerning the refrigerant (Be careful of the following related to the use of flammable gas.)



Prohibited

- Do not scratch or damage the main body of the refrigerator with a sharp object such as a screw.



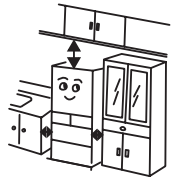
Since the refrigerant used is flammable, any leakage from the pipe inside the wall may cause ignition and explosion.



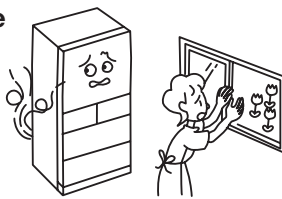
- Allow clearance around the refrigerator and keep ventilation openings when installing it.

Pg.34

Leakage of the refrigerant may accumulate and cause ignition and explosion.



- Do not damage the refrigerant circuit. If you happen to damage the refrigerant pipe, stay away from the refrigerator and avoid using fire and electrical appliances.



Should you damage the refrigerator, open the window to ventilate and contact your dealer or our repair reception desk.



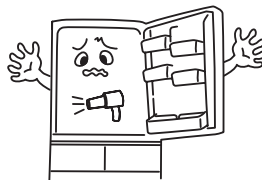
- Please consult your dealer or the Recycle Hotline (0800-085-717) of the Recycle Centers in the Environmental Protection Administration when discarding the unit.

If the refrigerant is wet, it may cause ignition and explosion.



Prohibited

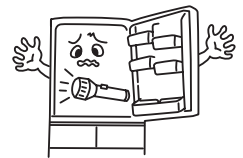
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.



Prohibited

- Do not use electrical appliances inside the refrigerator.

• If the refrigerant leaks, sparks on the contact may cause ignition and explosion.



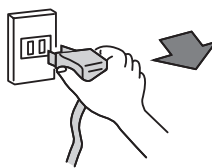
In case of emergency



- Stop the refrigerator by unplugging it if it is not running properly or broken.

Continue may cause electric shock or injury.

• Always hold the plug when unplugging it.



Disassembly prohibited

- Do not disassemble, repair, or modify your refrigerator.

Injury may be caused by ignition of fire or faulty running.

• Please consult with a retailer if any repairs or disassembly are required.



- In the event of a flammable gas leak do not touch refrigerator and open windows to let air flow.

• Sparks from points of electrical contact such as door switches may ignite explosions causing fire or burn injuries.



When discarding the unit



- Before discarding the unit or recycle, remove the door packing to avoid the risk of an infant or children to be entrapped inside.



CAUTION

Handling the power and power cable

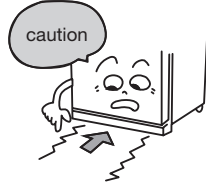


Prohibited

- **On a floor that is easily scratched do not move the refrigerator using the wheels at its base.**

The wheels may scratch the floor.

- For a floor that may be easily scratched, lay a protective mat.



- **Use the carrying handle when carrying it.**

Your hands may slip resulting in injury if you hold the refrigerator in other places apart from at the carry handles.

- More than 2 person should carry the refrigerator for safety reasons.
- Carry it with the door facing upward; as shown in the illustration.
- Never hang the handle with a crane.



During normal use



Prohibited

- **Do not put bottles in the Door Baskets if they do not sit properly on the bottom of the front section.**

- Forcing in items like large bottles may result in them getting tipped over, causing injury.



Prohibited

- **Do not have food items protruding over the front of the shelves.**

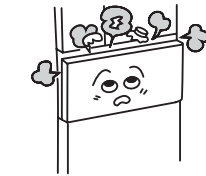
- Injury may be caused from items like bottles getting knocked over.



Prohibited

- **Do not put the glass bottles in the Freezer Compartment.**

- Bottles may break from the contents freezing and cause injury.



- **When two or more doors are being opened or another person is using the refrigerator, make sure fingers do not get caught.**

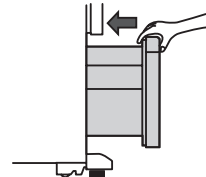
- Fingers may get caught in the spaces between doors causing injury.



Prohibited

- **Do not hold the top of the doors when closing them.**

- If you hold the top of a door when closing it you may get your fingers caught or pinched causing injury.



Prohibited

- **Food and containers inside the Freezer Compartment should not be touched with wet hands.**

- This may cause frost injury. (Especially in the case of metal items)



Prohibited

- **Do not have your feet too close when opening the bottom door of the refrigerator.**

- When opening this door you may hit the in step or other parts of your feet resulting in injury.



Prohibited

- **Do not eat food that smells strange or has changed color.**

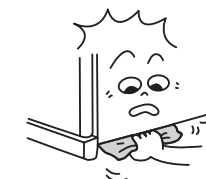
- Spoiled food may cause serious sickness.



Prohibited

- **Do not put your hands or feet under the base surface of the refrigerator.**

When cleaning, putting your hands under the base surface of the refrigerator may result in injury by cutting them on sheet metal parts.



Prohibited

- **Do not press the auto door switch on the auto door compartment with knee, etc.**

- **Avoid placing anything like a bottle near the auto door compartment.**

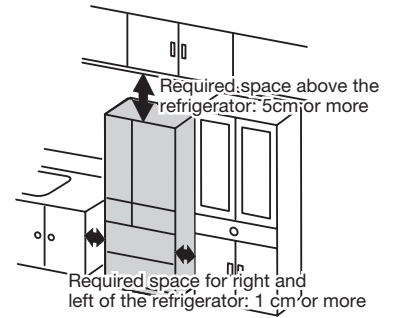


BEFORE USE

Preparation before use

1 Installing your refrigerator

- The floor should be sturdy and flat.
Lay the board which has 1cm thickness on the floor if the refrigerator is installed on the carpet, tatami mat, flooring or PVC sheet flooring which may hollow or discolor.
- A location away from direct sunlight and heat is recommended.
- A location is not damp and has good air flow.
This will reduce adverse effects to refrigerating power and keep electricity cost down. This will also prevent the refrigerator from discoloring and rusting.
- To cool efficiently, allow enough space around the refrigerator for radiating heat.
- The actual size of the center part of the side of the refrigerator's main body is slightly larger than the nominal size. Therefore, please allow enough space around the when installing the refrigerator.
- The back of the refrigerator can be placed very close to the wall. If any vibration sound occurs and/or any discolor/dirt is found on the wall, move the refrigerator away from the wall.



2 Adjusting the refrigerator adjustable mount to keep it level

- Left side or right side of the door may be slightly lower when the surface of the installation place is not level or either of the left and right leg is sunk in the floor surface because of the soft floor material and the addition of food weight.
→ This does not affect the refrigerator function. Adjust the refrigerator adjustable mount to keep it level according to the procedure listed below if you want to correct it.

Correcting any left/right lean and lifting slightly the front side of the refrigerator, the door can close easily and completely.

The adjustable mounts, which are located in the front bottom corners of the refrigerator, can be adjusted by turning them to level the refrigerator. (Make sure to use a supplied tool and pads (2 pcs.))

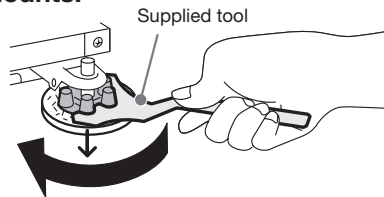
- 1 To remove leg cover, hold both ends of it and pull it towards to you applying some force.**

- 2 Place pads under the adjustable mounts evenly.**

※ Always wipe the adjustable mounts and floor clean before placing pads. Adherents may scratch the floor if remain. Lower both adjustable mounts (left and right) by turning them to secure the refrigerator.

- 3 With the supplied tool, turn an adjustable mount on the side that the refrigerator is lower to make the Refrigerator Compartment door level.**

Clamp the supplied tool adjusting to the shape of the adjustable mounts.

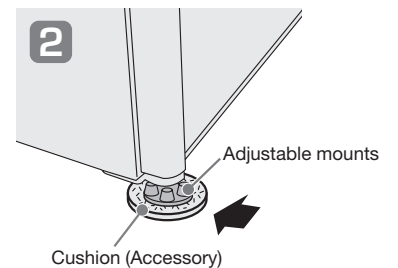
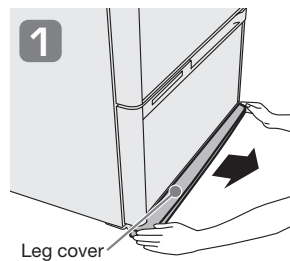


- ※ The height of the door can be adjusted 1mm every one turn of the adjustable mount.
- ※ Only: "R-SF62BMJ", "R-SF58BMJ", "R-S59BMJ"

- 4 Insert the left and right pins of the leg cover into the mounting holes to attach the leg cover.**

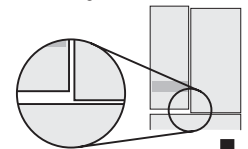
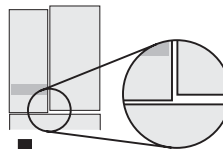
It may be approx. 5 days before the refrigerator conforms to the floor allowing the door to be leveled. Readjustment is required if the door is not leveled.

Notice ● When you stop holding a refrigerator door with your hand, the door may move, but this is normal.



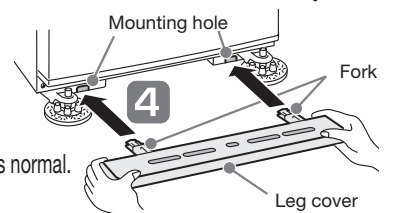
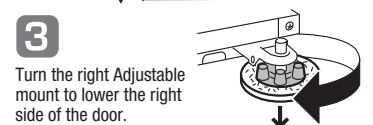
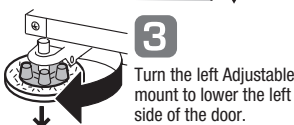
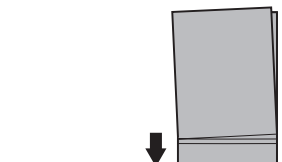
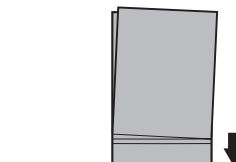
■ The left side of the door is lower.

■ The right side of the door is lower.



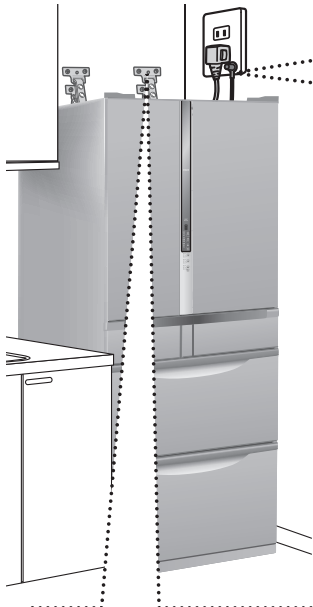
■ The right side of the door is lower.

■ The left side of the door is lower.



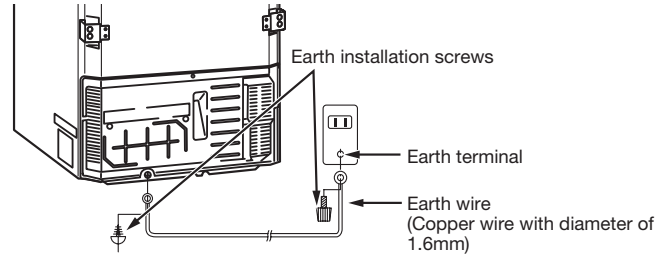
3 On the Power Plug and Grounding

- It is not a problem to plug in the power cord soon after installing the refrigerator.
- Use a wall outlet exclusively when connecting the power cord. (Alternating current 110V, rated 15A or more)



It is recommended to ground the refrigerator to prevent possible electrical shock.

- Contact your dealer to ground the refrigerator or install an earth leakage circuit breaker if the refrigerator is installed in especially damp and humid places.
- Option: "Earth wire (2.5m)" (Parts No. NW-60R6 052)

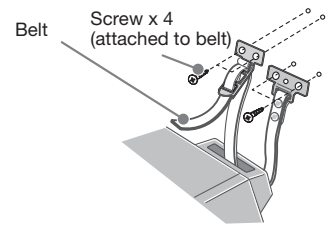


Never connect the earth wire to the following places:

- Water pipe (Danger of electrical shock)
- Gas pipe (Danger of explosion)
- Telephone line or earth of lightning rod (Danger when lightning strikes)

Preparation for an earthquake has been made properly?

- It is recommended to fix the refrigerator to a sturdy wall or pillar using two "safety belt against overturning for refrigerators".
- Option: "Safety belt against overturning for refrigerators" (Parts No. R-826CV 300: belt x 1) Contact your dealer for details.

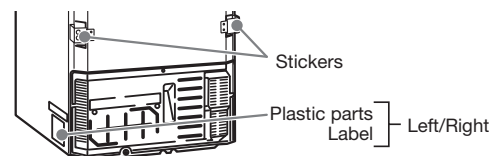
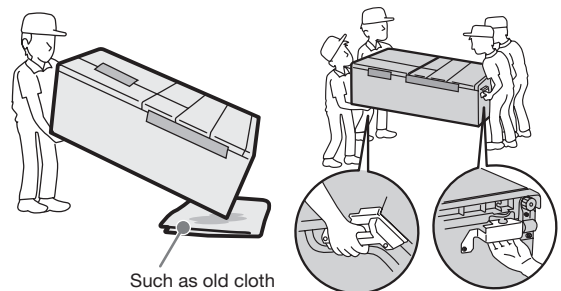


4 Cooling down the inside of the refrigerator

- It may take more than 4 hours through 24 hours to cool well the inside of the refrigerator, depending on conditions such as the ambient temperature or the storage state of foods.
- Perform “製氷機清潔” (Ice Maker Cleaning) when using the automatic ice making function first. Pg.49
- A series of ice making operation will start automatically after the inside of the refrigerator is cooled well. (When using for the first time, it may take 24 hours and more to make ice.)

Transporting your refrigerator (transport for moving)

- Make sure to empty food and ice from the refrigerator. Always drain water from the water supply container and ice tray.
- Secure the door with tape.
- Lay a protective sheet or cloth to protect the floor from damage and catch remaining water spilled from the refrigerator.
- With a large piece of old cloth underneath, tilt the refrigerator backward to drain water.
- Use assistance to carry the refrigerator. Make sure to hold the handles when carrying it.
- See “Preparation before use” for installing the refrigerator in a new location. Pg.34



Caution

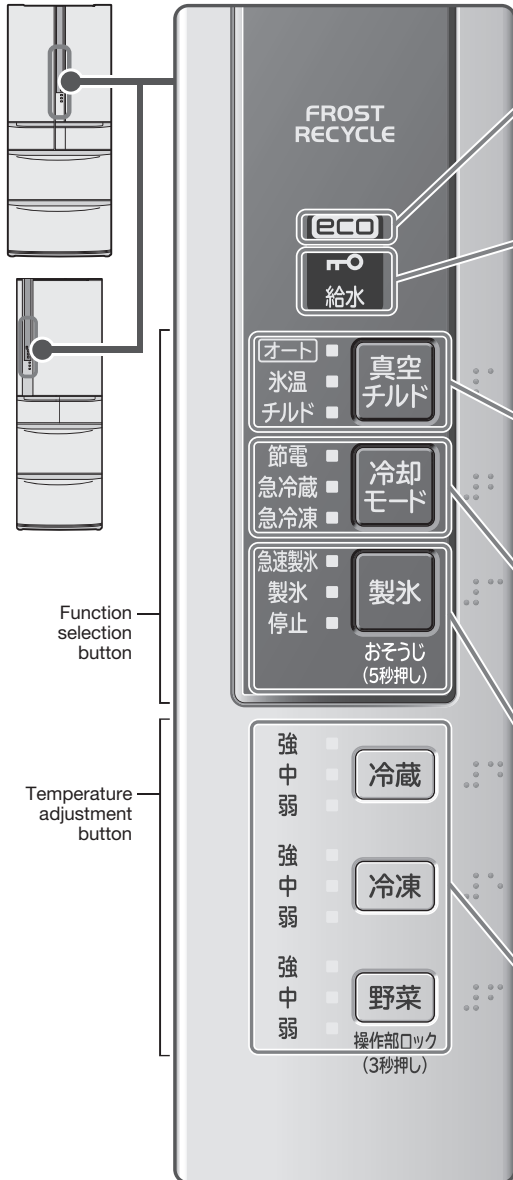
- Do not remove the sticker from the back of the refrigerator. This sticker is necessary to secure the performance and safety.
- Do not remove the plastic parts and label from the bottom part of the side of the refrigerator.

※ If you wish to install the refrigerator in a hot spring area exposed to sulfide gas, you may need to apply anti-rust treatment to the piping. Contact your dealer in advance. Failure caused by gas damage will not be covered under guarantee.

GENERAL FEATURES AND USE

Control Panel

■ To change a setting, push the setting.



eco operation indicator lamp

- Is lit when the refrigerator is operated with a low energy consumption, such as in Frost Recycle Cooling. (Pg.54)
- You can also turn off the indicator lamp. (Pg.54)

Providing information

- (Locking the Control Panel) (Pg.54)
- Allows you to prevent erroneous operation on the Control Panel.
- 給水 (Water supply) indicator lamp (Pg.45)
- When the water level in the water supply container becomes low, this lamp is lit automatically.

Setting the Vacuum Compartment

- Set the compartment to "Auto", "-1°C (Subzero)" or "+1°C (Chiller)", depending on the food to be stored
- When all the indicator lamps are unlit, the compartment can be used as an ice-temperature one. (Pg.38)

Selecting a cooling mode

- Set a cooling mode for each compartment.
- "急冷凍 (Quick Freezing)" (Pg.43) "急冷蔵 (Quick Cooling)" (Pg.40)
- "節電 (Energy Saving)" (Pg.37)

Selecting an ice making mode

- You can select a mode from "製氷 (Ice Making)", "急速製氷 (Quick Ice Making)" and "停止 (Stop Ice Making)". (Pg.45)
- "製氷機清潔 (Ice Maker Cleaning)"
- Allows you to wash the ice tray and water supply channel. (Pg.49)

Adjusting temperature settings

- Set temperature for each compartment.
- Normally, use the "中 (MID)" setting.
- Refrigerator Compartment (Pg.40) Freezer Compartment (Pg.42)
- Vegetable Compartment (Pg.46)

※All the indicator lamps are lit for the sake of explanation.

Notice

- Blinking (Locking the Control Panel) indicates that the refrigerator is in an abnormal state. (Pg.52)

Notice

- Approximately two minutes after the end of operation, indicator lamps, excluding "急冷凍 (Quick Freezing)", "急冷蔵 (Quick Cooling)", "節電 (Energy Saving)", "急速製氷 (Quick Ice Making)", "給水 (Water Supply)" and "eco Operation", become unlit for energy saves.
- To confirm settings, open a refrigerator door or push any button. The indicator lamps become lit again.
- When opening a refrigerator door, the displayed characters become lit. They become unlit about 15 seconds after shutting it.
- Be sure to operate the Control Panel with all the doors closed. It remains inactive when you push the Control Panel with a refrigerator door opened or displayed characters blinking.
- When a door remains open for 30 minutes or more, Door Alarm is raised to indicate it. (Pg.54)

Name of each compartment/Food stored

Refrigerator compartment (About 2°C ~ 6°C)

Pg.40 Refrigerating food

The temperature of door pocket is slightly high.

Ice compartment (About -20°C ~ -18°C)

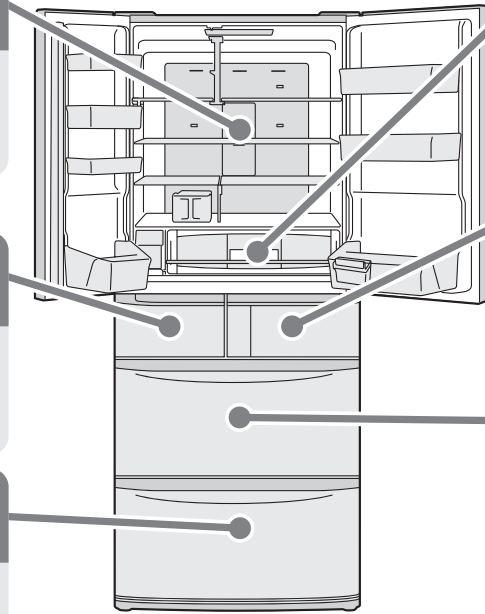
Pg.44

Store the ice cube made by auto ice making function.

Vegetable compartment (About 3°C ~ 7°C)

Pg.46

Vegetable, fruits, drink



Vacuum compartment (About -1°C ~ 1°C)

Pg.38

Food which are suitable for storage are as shown below.

Upper freezer (About -20°C ~ -18°C)

Pg.42

Store frozen food, ice-cream and dried food.

Lower freezer (About -20°C ~ -18°C)


Pg.42

Store frozen food, ice-cream and dried food.

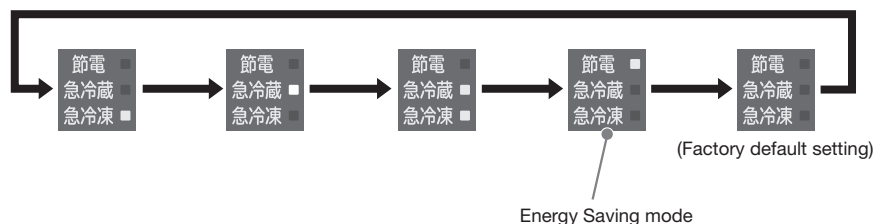
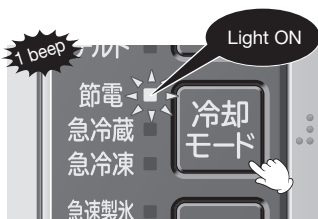
• **Low Temperature Freezer**  Pg.43
(About -23°C ~ -20°C)
Food are preserved at lower temperature than usual.

※ The above temperatures are standard values under the condition that the refrigerator is stable with no food stored and the door closed, at ambient temperatures of 30°C. This applies to both 5-door and 6-door refrigerators.

Setting “Energy Saving” mode

■ Push the  button to enter Energy Saving mode. “節電 (Energy Saving)” display comes on with the push of the button.

The display switches in sequence as shown below every time the button is pushed.
Turn off the “節電 (Energy Saving)” display to disable Energy Saving mode



“節電 (Energy Saving)” mode allows you effective energy saving.

The mode includes:

- Automatic temperature control to lower cooling loads in each compartment.
- Turning down an LED light in the Refrigerator Compartment if the door of the Refrigerator Compartment is left open for more than 30 seconds.

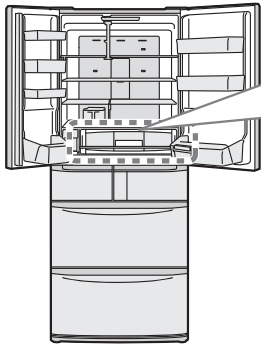
Notice

- “節電 (Energy Saving)” mode becomes disabled if it is switched to “急冷凍 (Quick Freezing)” or “急冷蔵 (Quick Cooling)”. Reset the mode.
- No effective energy saving is attained when temperature is set to “弱 (MIN)” which has no automatic temperature control.

Caution

- Automatic temperature control lowers cooling loads, which may cause ice cream to get soft and frost to form on frozen food. It also requires longer freezing time and ice making time.

VACUUM COMPARTMENT



Vacuum Pump

(with the pressure sensor, CO₂ sensor and storage sensor)

Vitamin Case (on the ceiling inside the Vacuum Compartment)

Antioxidant vitamin is released to inhibit oxidation. (No replacement required. Do not remove the case.)

Vacuum Container

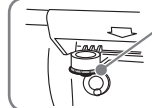
(designed to store the vacuum case)

Vacuum Compartment Temperature Sensor Aluminum Tray

(housed in the case in the compartment)

Handle

Use this handle from beneath to open or close.



Vacuum release valve (in blue)

Raise the handle to unlock it. The vacuum will be released by the vacuum release valve. Hissing sound is generated when releasing the vacuum.

Settings and food stored

Vacuum

AUTO

Set to "Auto" before placing food in the refrigerator.

The Vacuum Compartment performs an automatic switchover to "+1°C (Chiller)" or "-1°C (Subzero)" upon detection of carbon dioxide. The compartment is automatically set to "-1°C (Subzero)" when vegetables are stored and is set to "+1°C (Chiller)" if not.

● Meat, processed meat ● Fish, seafood, boiled fish paste



Beef, pork, poultry, ham, sausages etc.



Horse mackerel, sardine, saury, fish roe, boiled fish paste etc.

● Vegetables with high CO₂ levels



Fresh salad

The following foods should be stored at "+1°C (Chiller)" setting. Manually set the compartment temperature at +1°C.

※ The "Auto" setting switches temperature to -1°C, which could cause the foods to freeze because of a low level of carbon dioxide.

● Precut vegetables, small amount of vegetables, fruits with low CO₂ levels ● Food which form air bubbles inside if frozen



Japanese basil, oranges, kiwis etc.



Tofu, konnyaku, deep-fried tofu, string konnyaku, boiled eggs etc.

● Dairy products



Yogurt, cheese etc.

● Others



Vegetables in sealed bags or airtight containers, coffee beans, tea leaves etc.

Green beans, snow peas, tomatoes, strawberries etc.

Meat, fish and processed meat/fish should be stored at "-1°C (Subzero)" setting. This setting is also suited for thawing. Foods high in water content may freeze.

A vacuum function is disabled. This setting is recommended to store food in "sealed bags" or "sealed containers" which requires caution in storing. Foods high in water content may freeze because this is a regular ice-temperature compartment.

+1°C (Chiller)
(About +1°C)

-1°C (Subzero)
(About -1°C)

Vacuum OFF

OFF
(About -1°C)

Food and container for which care needs to be taken during storage

● Food contained in a sealed bag

The bag may be inflated during storage, which could result in crushing of other stored food.



Caution

Vienna sausage, sliced cheese etc.

● Plastic airtight container

The lid of the container may become loose or may not stay in place during storage. Be careful when you take out the container.



Caution

Food which are not suitable for storage

● Vegetable sensitive to low temperature

The surface of the vegetable may deteriorate due to low temperature.



Eggplant

Cucumber

Okra, asparagus, ginger, and green pepper

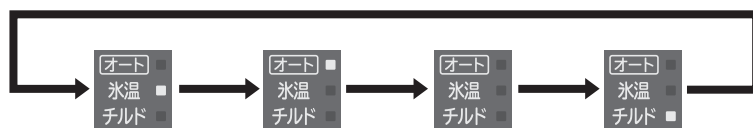
Caution

- Foods high in water content may freeze if ambient temperature is low.
- The CO₂ sensor may fail to detect carbon dioxide levels properly due to the freshness and amount of food, and temperature setting is automatically switched to "-1°C" that could cause food to freeze.

Setting the Vacuum Compartment

■ Push the **真空チルド** button to select "Auto", "-1°C (Subzero)" or "+1°C (Chiller)".

The display switches in sequence as shown below every time the button is pushed.



(Factory default setting)
Stored at the Vacuum Compartment -1°C

Automatic switching of the temperature range

Stored at the Ice-temperature Compartment -1°C

Stored at the Vacuum Compartment +1°C

Notice

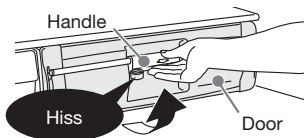
- For more information on the control panel [Pg.36](#)
- The compartment is designed to be at +1°C immediately after "Auto" mode is selected until the CO₂ sensor detects the type of food.
- Stabilization of the CO₂ sensor requires about 40 minutes when "Auto" mode is selected. The sensor does not detect carbon dioxide if food is stored during the time.

When opening/closing the door of the Vacuum Compartment

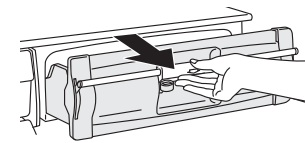
■ Be sure to open the left/right door of the Refrigerator Compartment.

When opening the door

Hold the door handle on the bottom with your hand. Lift the handle to release the lock.



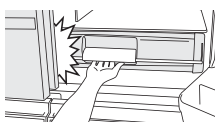
When the hissing sound stops, pull the handle towards you to open.



Notice

- The door can not be opened when the hissing sound can still be heard.

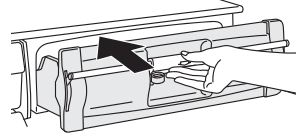
Caution



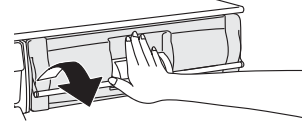
- The Vacuum Compartment will not be opened unless the left/right door is opened. If you try to open it forcibly, the double pocket or the Vacuum Compartment may get damaged or the door of the Refrigerator Compartment will open suddenly.

When closing the door

Push in until the end while holding the handle.



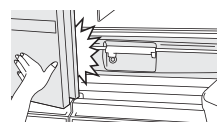
Fully press down the handle to lock the door.



Notice

- Hold down the handle to the end. Or the Vacuum function will not work properly.
- If the handle is heavy, use the palm to hold it down.

Caution



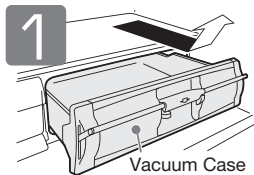
- Close and lock the door of the Vacuum Compartment before closing the door of the Refrigerator Compartment. If the door of the Refrigerator Compartment is closed with the door of the Vacuum Compartment opened, the double pocket, the Vacuum Compartment or food may be damaged.

Notice

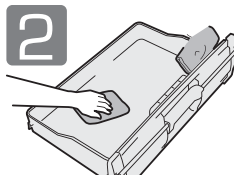
- The vacuum pump is activated when the door of the Refrigerator Compartment is closed, with the door of the Vacuum Compartment closed and the handle locked.
- In "Auto" mode, the vacuum pump operates intermittently for CO₂ detection after the door of the Refrigerator Compartment is closed.
- Vacuuming will fail if the handle is not locked properly. Abnormal "Auto" function will also be detected.
- Sound and vibrations occur upon start of the vacuum pump, which is a normal event.
- The vacuum pump requires about 4 minutes to produce a vacuum after its activation. No hissing sound comes out when the door of the Vacuum Compartment is opened within 4 minutes. Always wait for 4 minutes or longer before checking vacuum state.
- Adopting indirect cooling, the Vacuum Compartment requires longer time than other compartments to cool food.
- No changes in vacuum effect are made when food is covered with plastic wrap. Carbon dioxide will be detected if food is wrapped lightly.

Maintenance and care

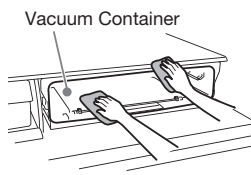
■ Be sure to remove food contained in the Vacuum Compartment.



1 Pull the door, lift up the edge of the Vacuum Case (with the door) lightly and then pull it out.

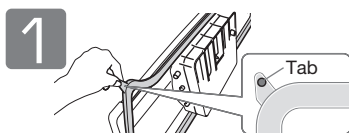


2 Wipe the vacuum packing, the inside the Vacuum Case and the packing support, using a soft cloth wet by lukewarm water.

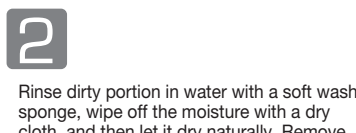


3 Put the Vacuum Case (with the door) back into the Vacuum Container, and then lower the lock of the handle.

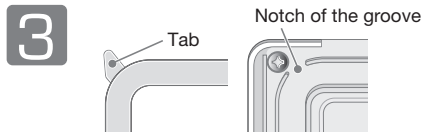
When vacuum packing has heavy dirt



1 Grasp the tab of the vacuum packing on the observer's upper right and remove it by hand carefully.



2 Rinse dirty portion in water with a soft wash sponge, wipe off the moisture with a dry cloth, and then let it dry naturally. Remove dirt in the groove of the vacuum packing on the door. Do not use the detergents, etc.



3 Align the tab to the notch accurately, and then combine them together.

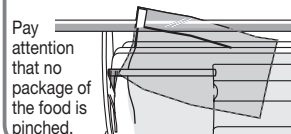
Caution

- If detergents and others except lukewarm water are used to clean the vacuum packing, the vacuum packing may be damaged, deformed or change in color, which may cause the vacuum state unable to keep well.
- Loosened vacuum packing or loose-fitting door of the Vacuum Case may cause the vacuum state unable to keep well.

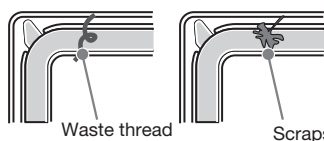
Notice

- If "Auto" / "-1°C (Subzero)" / "+1°C (Chiller)" indicator lamps flash, the vacuum function may not be in the normal conditions. Pg.52

- The vacuum function will not work properly if some package of food is pinched or dirt/dust is adhered to the vacuum packing or the vacuum release valve (in blue).



Pay attention that no package of the food is pinched.



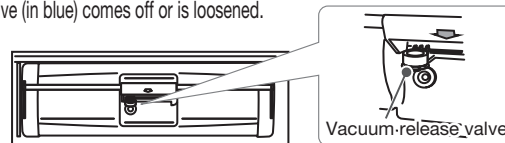
Waste thread

Scraps

The indicator lamp flashes.



- The vacuum function will not work properly if the vacuum packing or the vacuum release valve (in blue) comes off or is loosened.



Vacuum-release_valve

- Moisture in juicy food stored in the Vacuum Compartment will evaporate and cause dew condensation or frost in the Vacuum Compartment. If water drops and/or frost adheres inside the Vacuum Compartment or around the door of the Vacuum Compartment, wipe them off with a dry cloth.



Dew and/or frost



- Make sure to wipe off spilled water or food soup soon, if any. Water will be frozen, which may lead to a trouble of the Vacuum Case (with the door).



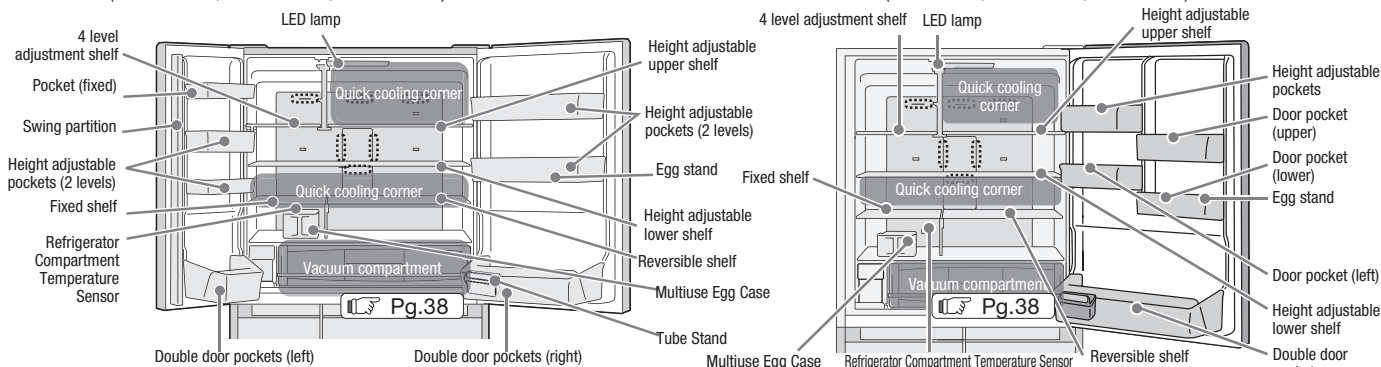
- For troubleshooting about the Vacuum Compartment, see "Troubleshooting" Pg.52

- Replace an old vacuum packing if the vacuum state can not be kept well. Pg.53

REFRIGERATOR COMPARTMENT

Six doors: (R-SF62BMJ, R-SF58BMJ, R-SF48BMJ)

Five doors: (R-S59BMJ, R-S51BMJ, R-S49BMJ)



Cold Air Blowout Port

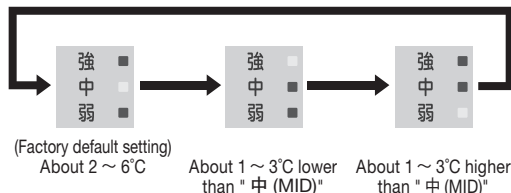
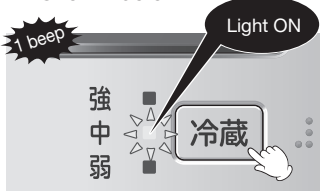
Caution

- Don't place any juicy food or canned beverage here because the temperature is low and it may be frozen.
- Temperature in the Refrigerator Compartment may fall too much if warm food is stored near this sensor. Store that kind of food in the place far away from Temperature Sensor.

Adjusting temperature in a refrigerator compartment

■ Push the **冷蔵** button to change a temperature setting.

Each time you push the button, the corresponding indicator lamp changes in the order shown below:



- Select "中 (MID)" in ordinary usage. The temperature may change depending on the operation states.
- For more information about the panel for operation. Pg.36
- If you adjust the temperature more finely. Pg.53

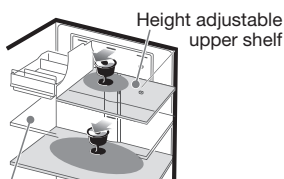
※ The above temperatures are standard values under the condition that the refrigerator is stable with no food stored and the door closed, at ambient temperatures of 30°C.

Notice

- The temperatures of the Vacuum Compartment also change if selecting "強 (MAX)" or "弱 (MIN)".
- Temperature of the door pocket is set slightly higher than the one in the left table.

Cooling food Quickly (Quick Cooling)

1 Place the foods in the Quick Cooling Corner.



Height adjustable lower shelf

- The food cools more quickly if it is placed on the center part near the interior wall. (the front of the Cold Air Blowout Port)
- Place any juicy food and/or canned beverage on the place far from the interior wall or move them to the Lower Shelf. Otherwise, they may freeze or explode.

Notice

- The cooling effect may be weak, depending on the operation state of the refrigerator, such as a combined use of "急速製冰 (Quick Ice Making)" Pg.43 and "急冷 (Quick Cooling)" Pg.45.

2 Push the **冷却** button to display "急冷 (Quick Cooling)".



※ Indicators other than "急冷 (Quick Cooling)" Operation will be turned off about 2 minutes after setting the "急冷 (Quick Cooling)" Operation.

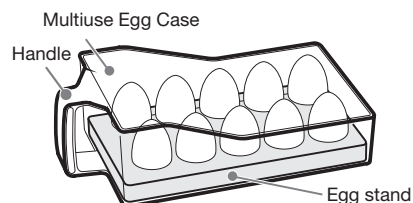
3 "急冷 (Quick Cooling)" Operation ends automatically after about 45 minutes.



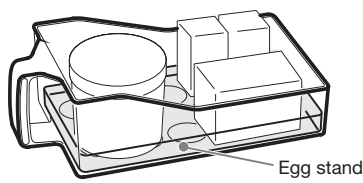
Push the **冷却** button to turn off the display after turning on other displays again, when you want to stop this function.



Using a multiuse egg case



Ten eggs can be stored in this case. The egg pack with eggs in it can be stored as it is.



When the egg stand is turned over, it can be used for small sized food.

Caution

- Hold the carry handle securely when handling it.
- Do not stack food, or otherwise they may drop.
- Do not put tall food in because they may fall down.
- Do not make ice with this container.

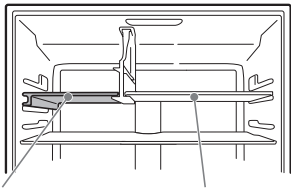
Adjusting shelves

Shelves are adjustable according to the size of food and drinks.

Remove stored items before adjusting a shelf.

4 level adjustment shelf ※Only [R-SF62BMJ], [R-SF58BMJ], [R-SF48BMJ], [R-S59BMJ], [R-S49BMJ]

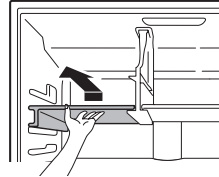
The L-shaped shelf can be adjusted to 4 levels by moving it up or down or turning it over.



4 level adjustment shelf Height adjustable upper shelf

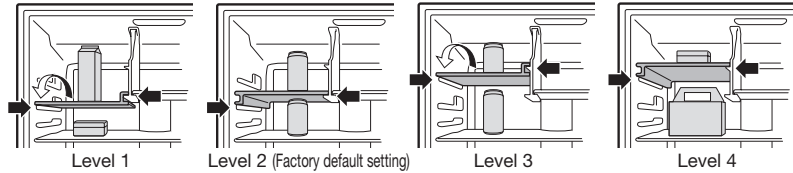
● Removing the shelf

- 1 Slightly lift the shelf up.
- 2 Slide the shelf forward until it has been completely removed.



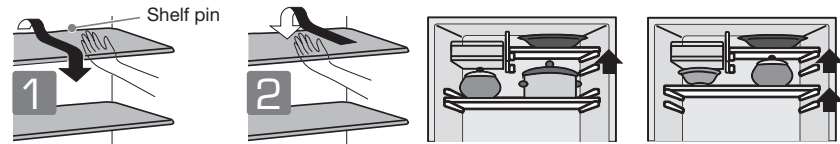
● Placing the shelf

Turn the shelf over and place it on the holders marked with arrows (➡️ ⬅️). Make sure the shelf has been placed properly by sliding it forward and back before storing food.



● Height adjustable upper/lower shelves

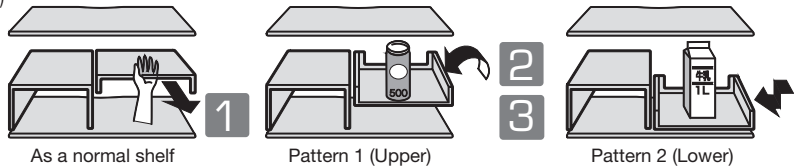
- 1 Remove by slightly lifting up the back of the shelf and pull forward.
- 2 Adjust the shelf to the desired height and slide it until it reaches the interior wall, then slightly lift up the back of the shelf and push it in.



(Hitch the forks of the shelf to the parts on the back of the shelf)

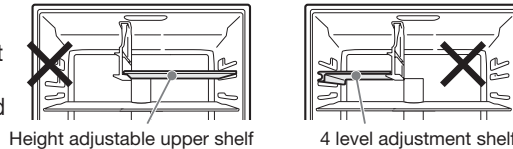
● Reversible Shelf

- 1 Remove by slightly lifting up the shelf.
- 2 Turn over, and
- 3 Set at either top or bottom level.



Caution

- Always use the refrigerator with the 4 level adjustment shelf and height adjustable upper shelf placed. The other shelves will come off letting go of the stored items if disregarded.

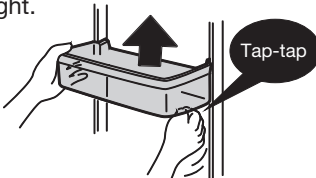


Changing the height of a door pocket

Shelves and pockets position can be adjusted according to the size of food and drinks. Remove the stored items before adjusting the shelves.

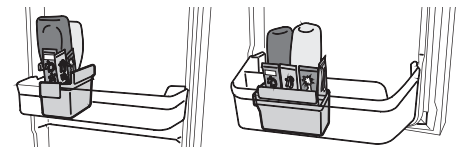
● Height Adjustable Pockets (Right) (Left)

It can be adjusted to the desired height.



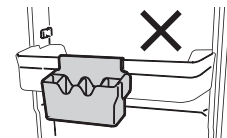
● Tube Stand

Small things can be placed vertically in a neat manner. Hang it on the edge of each pocket as you like.



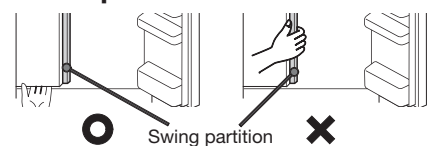
Caution

- Do not hang it outside the door pocket. When closing the door, the door, the case or food may get damaged.



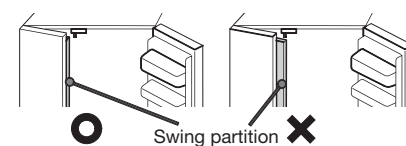
Opening/closing a door (six door type only)

● To open the door



- Do not hold the swing partition to open the left door while the right door is open. Or, you can no longer open the door.

● To close the door




- Do not close the door when the swing partition folds out. Or, the door does not shut completely.

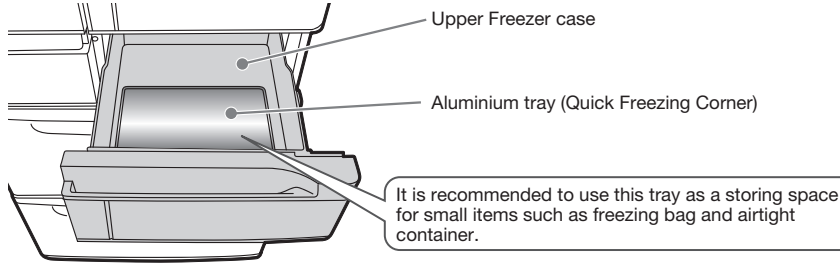
Caution

- If you try to open right and left doors at the same time, you may have a difficulty in opening them. If that occurs, open either of the doors first, and then open the other.
- Close the door of the Refrigerator Compartment while the Vacuum Case and, the Multiuse Egg Case are in place. If the door is closed while some of them protrude, the door, the case or food may get damaged.
- Too many times of opening/closing of the door, or high humidity around the refrigerator may cause mist on the wall, etc. or frost around the Cold Air Blowout Port.
- Wipe off spilled water or food soup soon, if any.

FREEZER COMPARTMENT

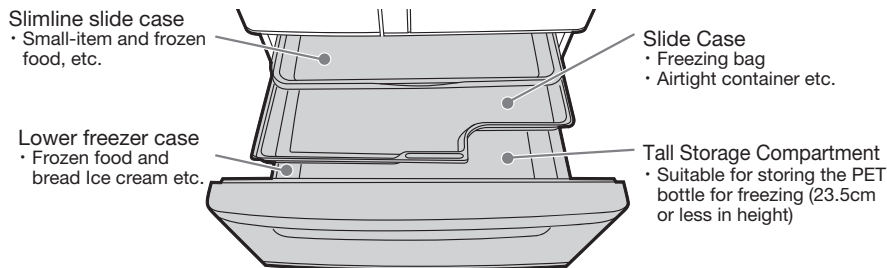
Using the Upper Freezer

- With Quick Freezing System, all the moisture, natural nutrients and good flavor in the foods are preserved in an instant.  Pg.45
 - It is recommended to use this compartment when freezing meat and/or fish quickly.

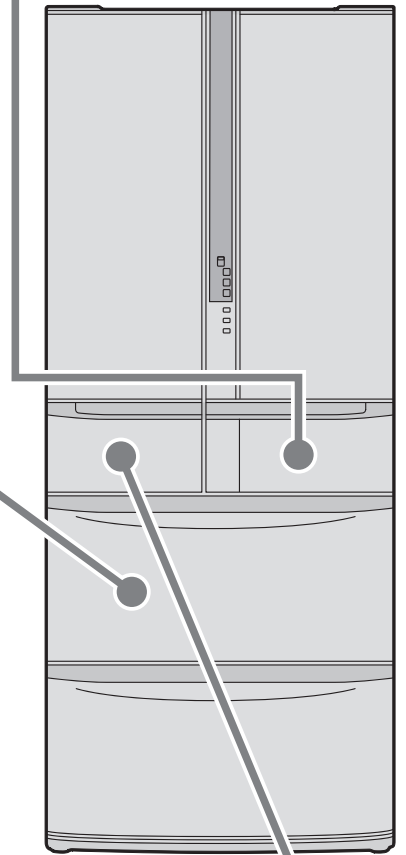



Using the Lower Freezer

- 3-layer freezer case provides you with large storage space compartment and convenient reach of your freeze food items. It is suitable for storing the food preserved for a long time and the food that melt easily such as ice cream.



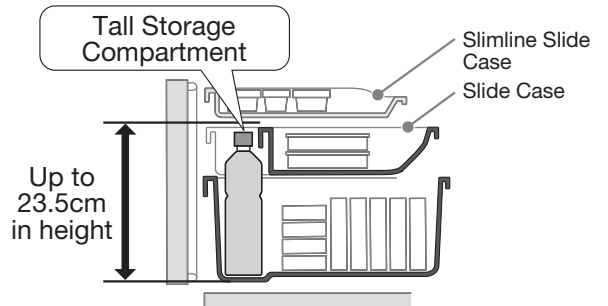
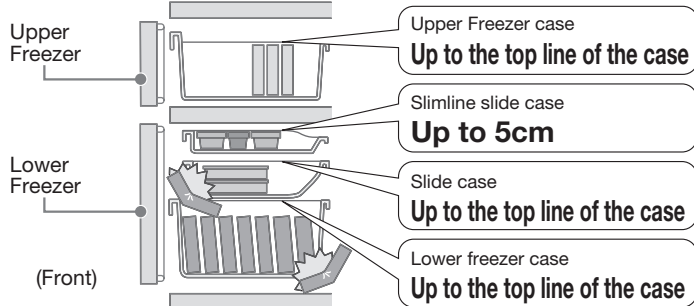
- Moving the aluminium tray in the Upper Freezer to the left side of the Slimline slide case, it can be used as the Quick Freezing Corner.



How to use the Ice Compartment (Automatic ice maker)  Pg.44

Height of the storageable food

- Store food of which height are suited for each case.
 - Otherwise, the door will not be closed securely, which lead to inefficient cooling action. In addition, it may cause damage of food or each case.
 - Keep the food off from the bottom of the slimline case and/or the slide case.

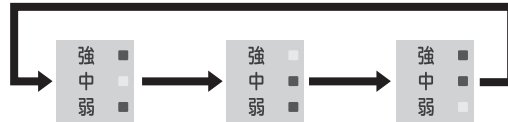
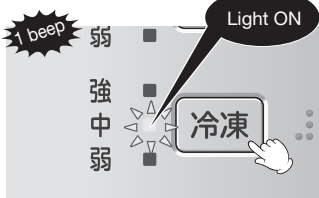


- Do not store any 500ml PET bottle in the Slimline slide case. It cannot be taken out because it expands when it is frozen.
- Do not use with the Slimline slide case and/or Slide case removed.
- Food may be caught in and/or drop to the inner part of the case, and as a result, the door may not close completely.
- When storing tall food in the Tall Compartment, make sure that it does not contact with the Slimline Slide Case and/or the Slide Case.
- Store only food which can be frozen, and PET bottle which can be used in freezer.

Adjust the temperature of the freezer compartment

■ Push the **冷凍** button to adjust the temperature setting.

Each time you push the button, the corresponding indicator lamp changes in the order shown below:



(Factory default setting)
About -20 ~ -18°C About -23 ~ -20°C About -18 ~ -15°C
(Lower temperature freezing^{Note})

※ The temperatures are standard values under the specific condition (the surrounding temperature of 30°C, no food stored, door closed and the temperature in the refrigerator is steady).

Notes: Food is stored at a lower temperature than the conventional freezing temperature. The energy consumption is approximately 20% higher than that for the conventional freezing operation.

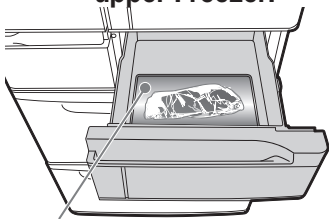
- Select “中 (MID)” in ordinary usage. The temperature may change depending on the operation states.
- For more information about the panel for operation. Pg.36
- To adjust the temperature more finely. Pg.53

Notice

- Temperatures in the “急冷凍 (Quick Freezing)” operation are lower than the temperatures described in the left.
- If operating the refrigerator for a long time with the “強 (MAX)” selected, ice cream etc. may become hard or it may take a longer time to thaw food.

Quickly freezing warm food (Quick Freezing)

1 Place the food wrapped with plastic film on the aluminium tray in the upper Freezer.



Quick Freezing Corner

2 Push the **冷却モード** button and “急冷凍 (Quick Freezing)” indicator lamp will be illuminated. ※

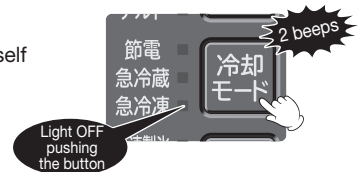


※ Approximately two minutes after the end of operation, indicator lamps other than “急冷凍 (Quick Freezing)” are unlit.

3 “Quick Freezing operation” will end automatically in about 120 minutes, and “急冷凍 (Quick Freezing)” indicator lamp will be turned off.



To cancel the quick freezing in the middle, push the **冷却モード** button to turn off the “急冷凍 (Quick Freezing)” indicator lamp.



- Freezing compartment is cooled preferentially in the “急冷凍 (Quick Freezing)” operation. For that reason, temperature of the Refrigerator Compartment may rise if opening/closing the Refrigerator Compartment door frequently.
- Warm food such as rice can be easily frozen by this function. Make sure that you never burn yourself when putting hot food in.
It is recommended to put it in after it is cooled down to 50 ~ 60°C.
- Pushing the **冷却モード** button again within 60 minutes after the end of the “急冷凍 (Quick Freezing)” operation, the lamp is illuminated, but the operation does not start. The operation will start after 60 minutes pass.
- Make sure to wrap the food with plastic film to prevent it from sticking on the aluminium tray.
- Divide food into small pieces can not only freeze them completely soon, but also make them be taken out easily.

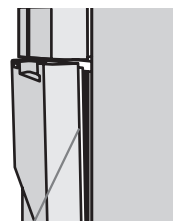
Troubleshooting

When this happens

Please check. This is the cause.

Freezer does not cool well enough, frost and/or dew occur, ice cream becomes soft

- Did you open the door frequently?
→ It is recommended to open and close the door quickly and/or minimize the times of opening and closing the door.
- Does any food or package caught in the door prevent the door from closing completely?
→ Check that there is not any space between the door seal and its contact surface with the door closed.
- Is food squeezed in? Or is a large amount of food put in at a time?
→ Make sure that no food protrudes beyond the storage height limit of each compartment, and do not store the amount of food that may prevent the door from opening and closing.
→ Allow clearance between each food in each compartment.
- Are Upper Freezer case and Slimline slide case installed correctly?
→ Install them correctly. Pg.48

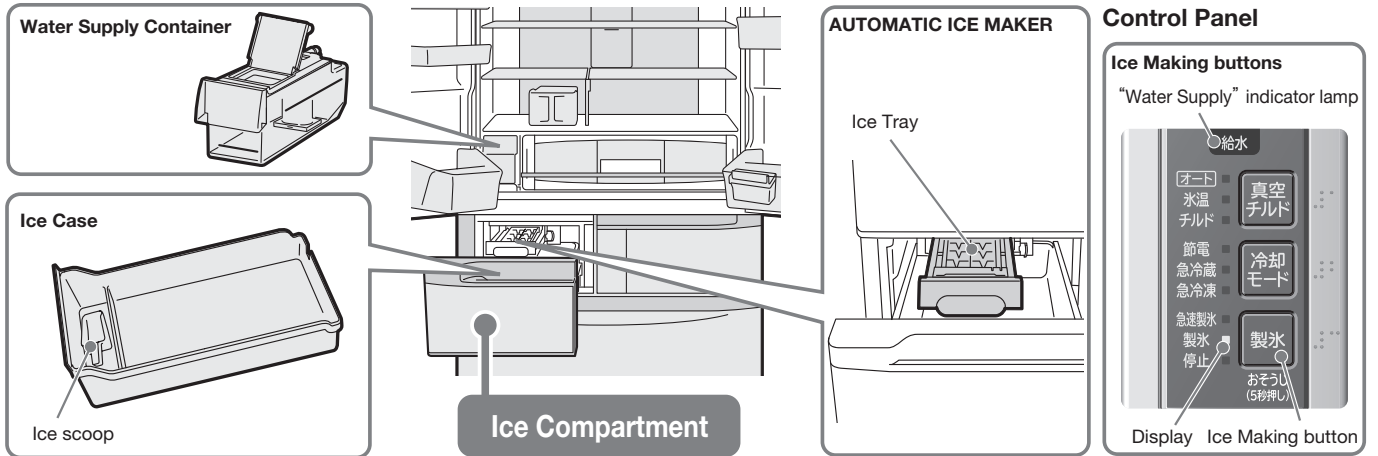


There is a space between the door seal and its contact surface.

Caution

- If opening and closing the door frequently, temperature of food may become higher and food such as ice cream may become soft.

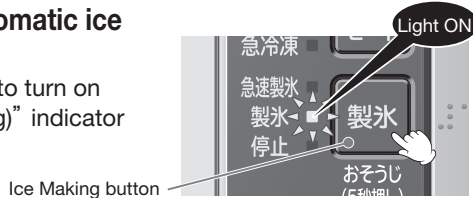
ICE COMPARTMENT (AUTOMATIC ICE MAKER)



How to make Ice

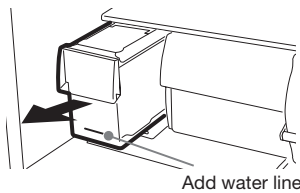
1 Setting of the Automatic ice maker

Push the **製氷** button to turn on the “製氷 (Ice Making)” indicator lamp.



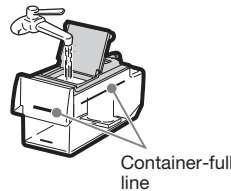
2 Take off the Water Supply Container.

When the “Water Supply” indicator lamp is lit or the water level reaches the “Add water line”, replenish water.



3 Open the lid and add water.

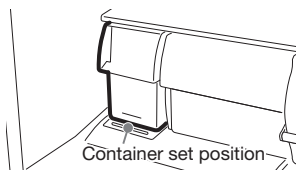
Water level can not exceed “Container-full line”.



4 Replace the Water Supply Container.

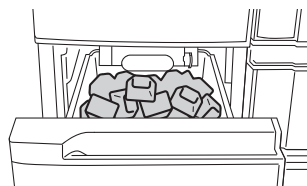
Push it beyond the “Container set position” line.

※ Water may spill out if the water supply container is inclined. Wipe off spilled water immediately.



Perform “製氷機清潔 (Ice Maker Cleaning)” when making ice for the first time or for the first time in a week or more. [Pg.49](#)

5 Ice making starts automatically and ice is stored in the Ice case.



Notice

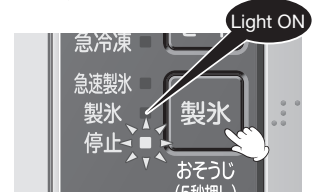
It may take 24 hours or more to make ice for the first time. 8 ices are usually made per 2 ~ 3 hours.

Not making ice (Stop Ice Making)

1 Setting of the automatic ice maker

Push the **製氷** button to select “停止 (Stop)”. The automatic ice making function becomes disabled which stops ice making.

※ “給水 (Water Supply)” remains off when “停止 (Stop)” is selected for automatic ice making. [Pg.45](#)



2 Remove the water supply container and wash it thoroughly. Dry the container completely.

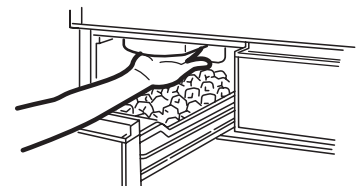
(How to maintain [Pg.49](#))

3 Place the water supply container.

The container should be pushed in until it passes the “container set position” line.

Warning

- Do not place your hand in the mechanical section of the automatic ice maker. (Rotation of the ice tray may cause injury.)

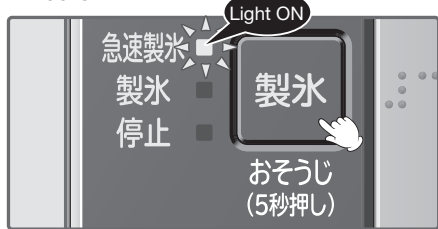


How to make ice quickly (Quick Ice Making)

Push the **製氷** button to select “急速製氷 (Quick Ice Making)”.

Ice making time is reduced.

※Ice making mode is automatically reset to normal operation in about 7 hours.



Notice

- The indicator lamp will turn off about 2 minutes after ice making finishes to save electricity, while “急冷凍 (Quick Freezing)”, “急冷蔵 (Quick Cooling)”, “節電 (Energy Saving)”, “急速製氷 (Quick Ice Making)”, “給水 (Water Supply)” and [“eco” operation indicator lamp] remain on. (Pg.36)
- Ice making mode switches in order of “製氷 (Ice Making)” → “急速製氷 (Quick Ice Making)” → “停止 (Stop)” every time the **製氷** button is pushed. The current mode is indicated by the display and operating sound.
- Operation sound of automatic ice making including during ice separating and water supply can be stopped upon stop making ice.

“Water Supply” indicator lamp

“給水 (Water Supply)” indicator lamp automatically comes on when water in the water supply container is getting low. Replenish the container with water.



Caution

- “給水 (Water Supply)” may come on regardless of water levels if the water supply container is not placed properly. Push in the container completely if the indicator lamp comes on.

Notice

- “給水 (Water Supply)” indicator lamp turns off when the door of the Refrigerator Compartment is opened and closed while the indicator lamp is on, and it turns on again if no water is added to replenish the container.
- “給水 (Water Supply)” indicator lamp remains off when “停止 (Stop)” is selected for automatic ice making.

Ice-making time and an amount of ice

Operation mode	Required time for an ice making operation (12 pcs by once)
Normal operation	About 110 minutes ~ 140 minutes
Quick Ice Making	About 70 minutes ~ 80 minutes

Mode	Storage amount of the Ice case
Normal state	About 120 pcs
Stored ice cubes are levelled to the front part of the case	About 150 pcs

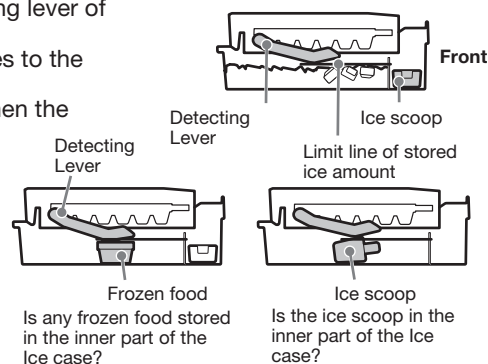
※ The above values are obtained with an ambient temperature of 25°C, the temperature in each compartment set to “中 (MID)” and no door opened/closed.

● It takes a long time to make ice under the following conditions.

- When using for the first time (It may take more than 24 hours)
- After storing a large amount of food at a time
- When the ambient temperature is low under certain conditions (ex: using in winter)
- After maintaining the Ice Tray
- After opening/closing the door frequently
- After power failure

Notice

- Amount of stored ice is automatically detected by the stored ice amount detecting lever of the Automatic ice maker which cannot be seen usually. Automatic ice maker stops making ice when the amount of the stored ice reaches to the specified level and it restarts making ice when the amount is below the level.
- Limit line of stored ice amount represents the guide line of stored ice amount when the Automatic ice maker makes ice with ice leveled. If the ice is stored partially, the detecting lever may contact the ice early. As a result, the Automatic ice maker may stop making ice before the amount of stored ice is enough.



Request

- Do not store any food such as frozen food other than ice in the Ice case when making ice automatically. (Otherwise, it may not make ice, or the door may not open or parts may damage because the food interferes with the parts of the Automatic ice maker.)
- Gently open and close the door of the Ice Compartment. Ice may fall out of the ice case onto the lower freezer if disregarded.
- We suggest you use boiled tap-water to make the ice after cooling.*
*: please check & verify the water quality condition with local authority.
- Change water and clean the container at least once a week for hygiene purposes.
- If the ice made of mineral water containing a lot of mineral ingredients is put into water, white powder may come out, however this is those mineral ingredients and harmless.
- Required to satisfy the appropriate water quality standard.

- Furthermore, these types of water are easily contaminated with bacteria. Please wash the container usually once 3 days.



Mineral water
(Hardness: 100mg/L or less)



Filtered water or boiled water



Well water
(Required to satisfy the appropriate water quality standard)

- Do not use the following ones because they may cause malfunction, deformation or stucked ice.



Juice drink



Sports drink

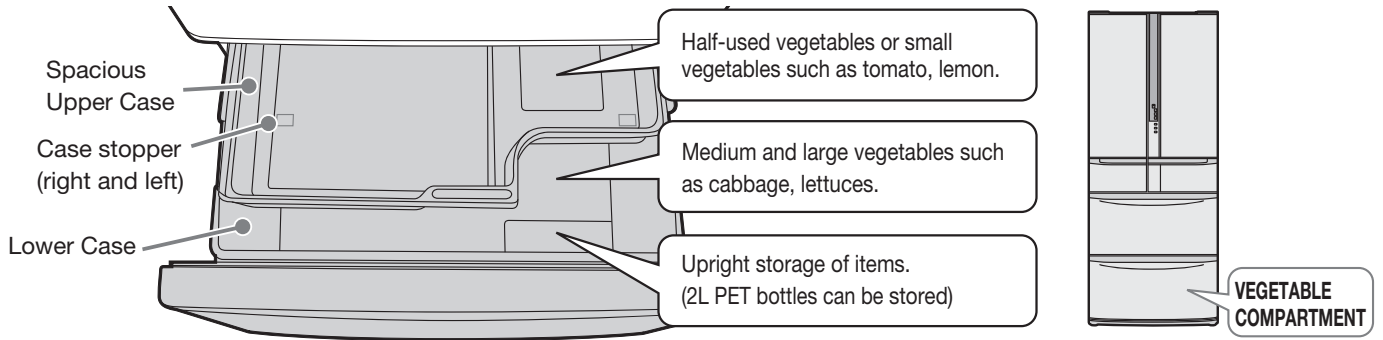


Carbonated drink



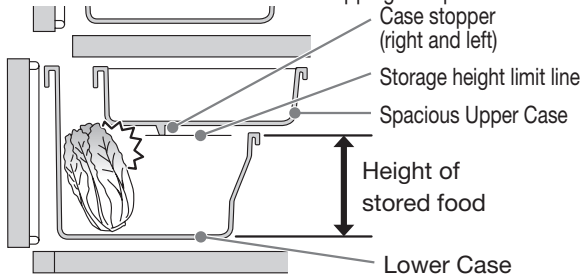
Tea

VEGETABLE COMPARTMENT



Using the Lower and Spacious Upper Cases

■ Stored vegetables are not exposed to cold air directly, and they are cooled gently but thoroughly. All vegetables stay crisp, vibrant and fresh with their own moisture without wrapping with plastic film.

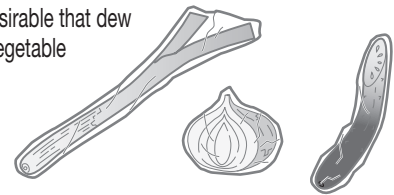


Caution

- Make sure that any stored food does not protrude beyond the storage height limit line.
 - Otherwise, the door may not close completely, and as a result, the refrigerator may not cool sufficiently.
 - Food and/or each case may damage.

■ It is recommended to wrap vegetable with plastic film when the following conditions exist.

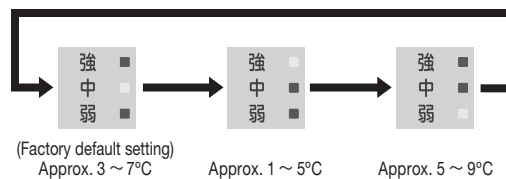
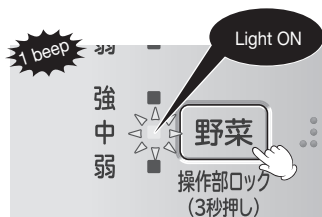
- When it is undesirable that the stored food absorb the smell of the vegetables such as scallion, leeks, and shallots
- When storing the vegetables and/or fruits which were used partially
- When the amount of the stored vegetables is small or many wrapped vegetables are stored
- When it is undesirable that dew occurs in the Vegetable Compartment



Adjusting the temperature of the Vegetable Compartment

■ Push the **野菜** button to adjust the temperature.

The display switches in sequence as shown below every time the button is pushed.



※ The above temperatures are standard values under the condition that the refrigerator is stable with no food stored and the door closed, at ambient temperatures of 30°C.

● The Vegetable Compartment should be set to “中 (MID)” for normal use. Temperatures may vary with usage state.

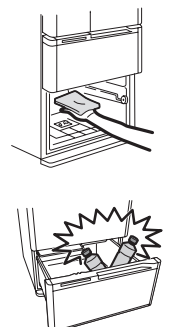
- For more information on the control panel [Pg.36](#)
- For fine temperature adjustment [Pg.53](#)

Notice

- Vegetables high in water content may freeze if the compartment is used in temperature set to “強 (MAX)” for a prolonged time. [Pg.51](#)

Caution

- Some kind of PET bottle may not be able to be stored. Moreover, PET bottle may not be able to be stored if its cap is not completely tightened.
- When outer temperature is low, temperature within the case may also become low.
- Dew may adhere to the spacious upper case or the ceiling in the Vegetable Compartment, depending on the volume/type of vegetables, because the humidity is high in the Vegetable Compartment. Water is no good to perishable food. Wipe off water with a dry cloth.
- Open/close the Vegetable Compartment Door slowly. Opening/closing the door mightily, the food stored in the tall storage compartment (PET bottle etc.) may overturn.



MAINTENANCE/CARE OF THE INSIDE AND OUTSIDE



Warning

Make sure to unplug the power plug when maintaining the refrigerator.

When dirt is found

- Wipe off it immediately.
It is recommended to clean the hidden places once a year.
- Wipe off it using a soft cloth wet by lukewarm water. If it is hard to clean dirt, wipe off it using diluted neutral detergent for kitchen and a soft cloth wet by lukewarm water.
Some detergents cannot be used for this purpose. Therefore, refer to the **Caution** on this page.
- Take foods out beforehand if you remove the parts.

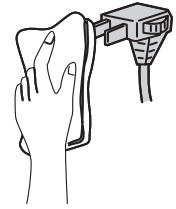
Caution

- Do not wipe out the movable contact surface of the rail for cases and drawers because the lubricant agent is applied to it. (The lubricant agent complies with the Food Sanitation Law.)

Power plug

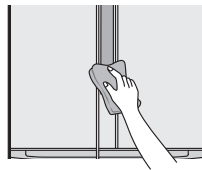
- If the dust on the power plug remains not cleaned, it may cause a fire. Clean it once a year.

- 1 Unplug the power cord from the outlet.
- 2 Check the following matters.
 - Is any damage found on the power cord?
 - Does the power plug become hot?
- 3 Remove the dust and wipe it with a dry cloth.
- 4 Connect the power plug firmly to a power outlet.



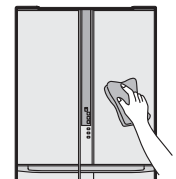
Control Panel

- Wipe the Control Panel with a soft cloth.
- Make sure that water never splash to it. Otherwise, it may cause malfunction.



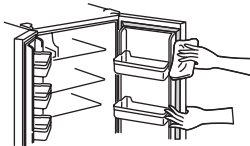
Surface of door

- Wipe the surface of door using a soft cloth wet by lukewarm water.



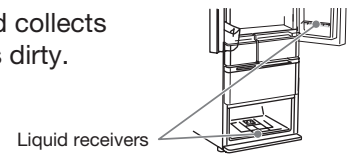
Door gaskets

- Wipe it thoroughly because it can become easily dirty.



Liquid receivers

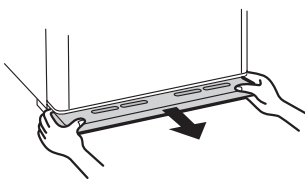
- Wipe off them if liquid collects and/or they becomes dirty.



The back/floor of the refrigerator

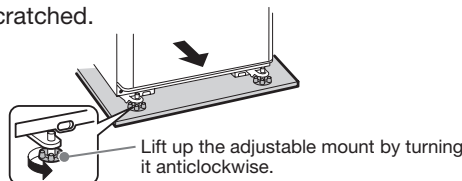
- 1 **Pull the leg cover and remove it.**

Push it in from the front when installing it.



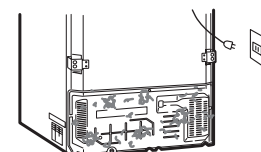
- 2 **Float the Adjustable mounts from the floor and draw the refrigerator straight.**

Lay the protection board etc. on the floor which can be easily scratched.



- 3 **Wipe off dirt on the back of the refrigerator, wall and floor.**

The back of the refrigerator easily becomes dirty because fine dust is accumulated on it by convection of air.



Caution It may cause damage and discoloration of the door, paintwork and plastic parts.

- Do not use the following ones.
 - Alkaline and alkalescence detergent for kitchen, plate powder, powder soap, oil, hot water, scrubbing brush, acid, benzine, thinner, alcohol, and bleach, etc. (check the "liquid" part of "display according to the household goods quality labeling law" for detergent.)
- Make sure to wipe off spilled cooking oil, citrus fruits juice and food soup.
- When using a chemical dustcloth, follow the instructions of it.

HOW TO REMOVE PARTS

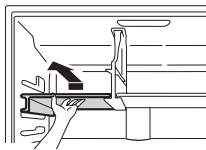
- Notice**
- Make sure no stored items remain before removing a part.
 - Do not remove parts which are not described below.

4 level adjustment shelf

- Slightly lift the shelf up and slide it forward. Push in the shelf as far as it will go to place.

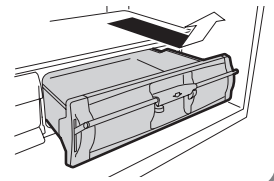
Caution

Make sure the shelf has been placed in a horizontal position. Check the shelf to see that it does not come off when sliding it forward.



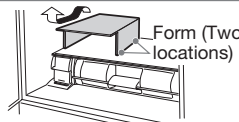
Vacuum Case with the door

- Pull the door, lift the case at the edge of it lightly, and then pull it out. For more information. Pg.39



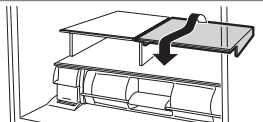
Fixed shelf

- Draw the shelf, and pull off the two pins on the lower right and remove it.



Reversible shelf

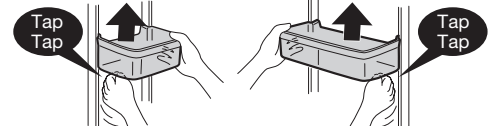
- Slightly lift up and pull out.



Door pocket

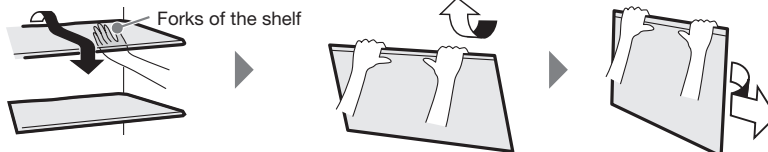
- Lift up the door pocket while tapping the left/right of its bottom surface, and remove it.

Insert the door pocket fully to the end when installing it.



Height adjustable upper and lower shelf

- 1 Slightly lift up the back of the shelf and draw it.
- 2 Raise the shelf as shown in figure, and turn it and remove it.



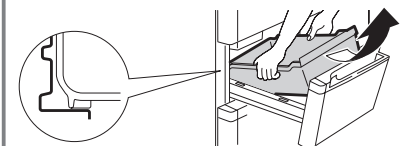
When installing the shelf, slide it until it reaches to the interior wall, then slightly lift up the back of the shelf and push it in. (hitch the forks of the shelf to the parts on the back of the shelf)

- Caution** Door may damage if drawing the shelf without turning it.

Ice Compartment/ Upper Freezer

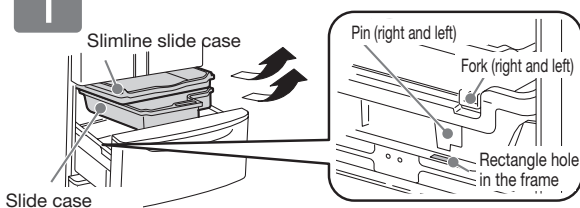
- Draw the door fully and lift up the case towards you.

Put the case bottom on the frame and set the case.



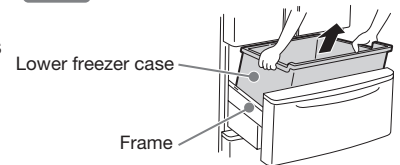
Lower Freezer (Slimline slide case, slide case and lower freezer case)

- 1 Draw the door fully, and draw the Slimline slide case and the Slide case respectively.



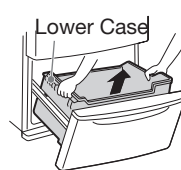
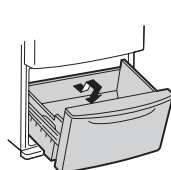
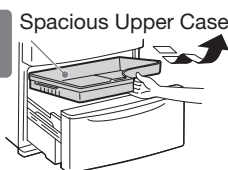
When installing it, insert the pins on the left/right of the Lower freezer case into the square holes on the frame to install it. Moreover, hitch the pins on the left/right of the Slide case to the outside of the Lower freezer case.

- 2 Lift up the Lower freezer case.



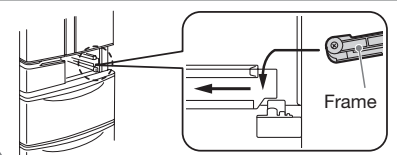
Vegetable Compartment (Spacious Upper Case, Lower Case)

- 1 Spacious Upper Case
 - Draw the door fully and pull up the Spacious vegetable case as shown in the figure.
- 2 Lower Case
 - Lift up the front part of the door, and draw it further and incline it.
- 3 Lower Case
 - Lift up the Vegetable Case.
 - When installing it, insert the pins on the left/right inner sides of the Vegetable Case into the square holes on the frame, and put the edge of the Vegetable Case on the frame to install it.

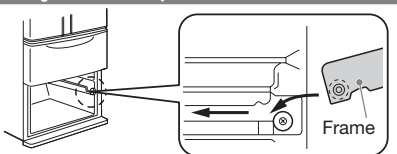


How to install the slide door

Ice Compartment/Upper Freezer



Vegetable Compartment/Lower Freezer



HOW TO MAINTAIN THE AUTOMATIC ICE MAKER

Washing the supply channel (Ice Maker Cleaning)

● When using for the first time ● When not used for more than one week

Ice tray and water supply line can be washed.
Be sure to check the followings before starting the operation.

● Water supply container

- Water is filled in it.
- The container is set properly as specified.

● Ice case

- If there remains ice, remove it.

Go to the next step after checking them.

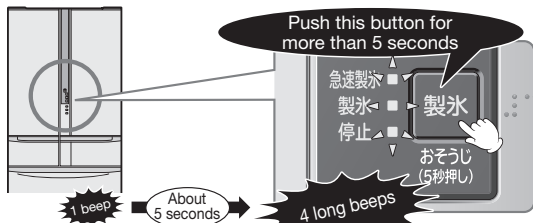
To prevent malfunction, lay the towel so that its thickness does not reach this line.

1 Lay a soft clean towel on the bottom of the ice case.

The purpose is to absorb water discharged during ice maker cleaning and prevent water spill.

2 Push the 製氷 button and hold it for more than 5 seconds after closing all the doors and turning on the display.

When the three indicator lamps “急速製氷 (Quick Ice Making)”, “製氷 (Ice Making)” and “停止 (Stop)” start to blink and alarm starts to sound, stop holding the button. “製氷機清潔 (Ice Maker Cleaning)” starts.



- The indicator lamp will flash and the buzzer will sound for about 3 minutes.
- “製氷機清潔 (Ice Maker Cleaning)” can't be interrupted.
- If you open any of the refrigerator doors during Ice Maker Cleaning, the cleaning may not work properly. Do not open or close the door until cleaning is completed.
- Door alarm sounds even if alarm is disabled. (Pg.54)

3 About three minutes later, when alarm and blinking end, remove water in the ice case using the towel.

(Before removing the case, wipe off the water in the case.)

There is no problem with using water remaining in the water supply container, if any.

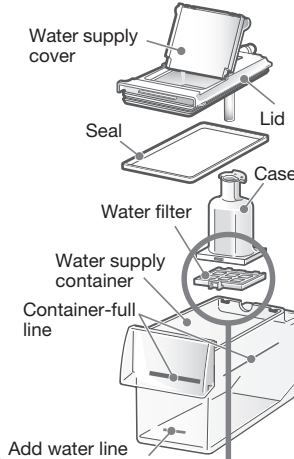
Cleaning the water supply container

● Recommended maintenance intervals

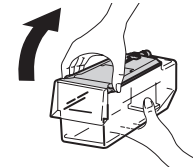
Tap water	Once a week
Mineral water, well water, water purified by water purifier, cooled boiled water, etc. (water which doesn't contain chlorine)	Once three days

Water which doesn't contain chlorine may easily cause slime and/or fur compared with tap water. Wash the Water Supply Container regularly to prevent bacteria from breeding when such water is used.

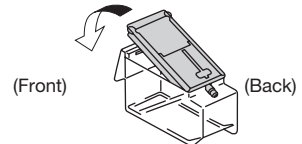
- Remove the seal from the lid and wash it with a soft wash sponge.



● How to open the lid



● How to open the lid



Insert the lid from its rear side and close it in the direction of the arrow.

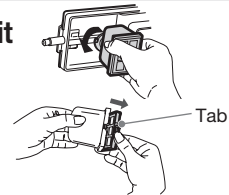
Cleaning the water filter

(Replace it normally every 3 ~ 4 years.) (Pg.53)

1 Turn the case and remove it from the lid.

2 Pull the tab of the water filter with fingers and remove it from the case.

3 Wash it with a soft wash sponge etc.



Do not use the detergents etc.

Notice

- If you set ice making to “Stop” and do not intend to use the auto ice maker for some time, wash and dry the water supply container and then mount it in place.
- In particular, dry the water filter thoroughly.



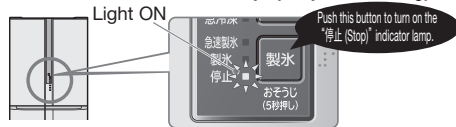
Warning

- Do not place your hand in the mechanical section of the automatic ice maker. (Rotation of the ice tray may cause injury.)

Cleaning the ice tray ● Maintain it once a year

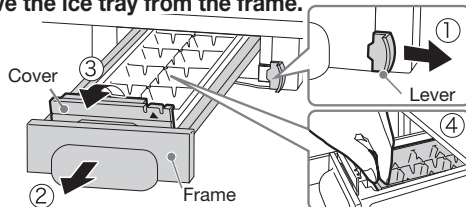
1 Push the 製氷 button to stop supplying water to the ice tray and turn on the “停止 (Stop)” indicator lamp. (Stop ice making)

※ If the indicator lamp flashes, perform the following operation after the “停止 (Stop)” lamp is turned on in 1 minute.



2 Open the Ice Compartment Door.

- 1 Push the level laterally.
- 2 draw the frame.
- 3 Raise the cover (▲ part) in the direction of the arrow.
- 4 Remove the ice tray from the frame.



Notice

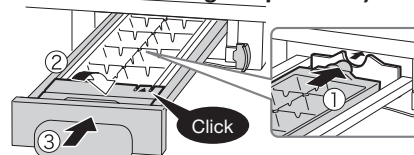
- When the frame for the ice tray cannot be pushed into the back, the motor that drives the ice-tray may have operated. Remove the ice tray and then push the frame alone into the back, and then push the 製氷 with all the doors opened to turn on “停止 (Stop)”. After a while, the ice-tray driving motor gets ready, allowing you to mount the ice-tray.

3 Empty the ice tray and wash it lightly in the stream.

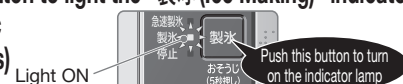


Do not use any cleaning tool that can scratch it easily such as scrubbing brush and plate powder.

4 ① Set the ice tray and ② close the cover. ③ Make the frame horizontal and push it into the end (The level is automatically restored to its original position.)



5 Push the 製氷 button to light the “製氷 (Ice Making)” indicator lamp. (Automatic Ice Making starts)



TROUBLESHOOTING

Check the following points before asking repair. Contact your dealer or our customer center if the problem still exists after checking them.

FAQ when using for the first time

Refrigerator does not cool well enough or make ice when using for the first time

- It takes time to cool in summer or when a lot of foods are stored.
→ Immediately after installation, it may take about 4 – 24 hours.
- When using for the first time, it takes time to make ice because ice making starts after cooling fully.
It may take more than 24 hours to make ice according to the amount of food and the way of packing it.
→ Open/close the door quickly and/or minimize the number of times of opening and closing the door.
→ Allow clearance between each food in each compartment.

When this happens

Please check. This is the cause.

The Control Panel does not respond.

The Control Panel does not respond.

- Is "Button Lock" selected by using the lock function on the panel for operation? [Pg.54](#)
- Is Refrigerator Compartment Door open? Operate after closing it.

Automatic ice making is not properly performed.

Ice cannot be made at all.	<ul style="list-style-type: none"> ● Isn't the auto ice maker set to "停止 (Stop)" ? Pg.44 ● Is the water supply container pushed firmly until it is beyond the "container set position" line? Pg.44 ● Is anything other than ice stored in the ice case? Pg.45 ● Is the ice case filled with ice over the limit line of stored ice amount? Pg.45
It takes a long time to make ice. There is no ice in the ice tray.	<ul style="list-style-type: none"> ● Do you open the door frequently or store a large amount of food at a time? Refrigerator may not cool fully. → Minimize the number of times of opening and closing the door until it cools fully. → Allow clearance as much as possible between each stored food. ● It may take more than 4 hours to make ice in winter. Immediately after changing from "停止 (Stop)" to "製冰 (Ice Making)", it may take longer than usual to make ice. ● Does any food or package caught in the door prevent the door from closing completely? → Check that there is not any space between the door seal and its contact surface when the door is closed. ● Is the compartment in "節電 (Energy Saving)" mode? Exit the "節電 (Energy Saving)" mode. Pg.37
Projection is generated on ice.	<ul style="list-style-type: none"> ● It is frozen water collected in the ice tray groove. It does not indicate any trouble.
Stored ice rounds. Ice sticks together.	<ul style="list-style-type: none"> ● Ice naturally becomes small or sticks mutually if ice is stored for a long term. ● Do you open the door frequently or store a large amount of food at a time? As a result, temperature in the refrigerator rises and stored ice becomes small or sticks together. ● The door or the drawer compartment may not temporarily have been closed completely.
Small ice is made.	<ul style="list-style-type: none"> ● Small ice may be made if only a small amount of water remains in the water supply container. → Add water until water level reaches to the "Container-full line" of the water supply container. Pg.44
Ice stuck together is made.	<ul style="list-style-type: none"> ● Ice stuck together may be made if the amount of water supplied to the ice tray is not even. Add water until water level reaches to the "Container-full line" of the water supply container. Pg.44 ● If the ice tray is damaged, ice may not be easily separated from the ice tray and ice stuck together may be made. If same trouble occurs many times, consult your dealer and replace the ice tray.
There is white impurity in ice.	<ul style="list-style-type: none"> ● It is because the fine air bubble in water is contained in ice. → It does not indicate any trouble. ● Did you use mineral water to make ice? → Mineral contained in water may freeze and become white impurity in ice. It may remain after thawing in water, but it is harmless.
Ice tray frame cannot be drawn	<ul style="list-style-type: none"> ● Isn't the "製冰 (Ice Making)" indicator lamp blinking? → The ice tray cannot be drawn when the auto ice maker is operating. Set it to "停止 (Stop)". When the "停止 (Stop)" indicator lamp is blinking, wait for one minute until "停止 (Stop)" is lit, and then draw the ice tray. Pg.49

Refrigerator does not cool

Refrigerator does not cool. Frost and/or dew occur. Ice cream becomes soft.

Check the storage state of food

- Does any food or package caught in the door prevent the door from closing completely?
→ Check that there is not any space between the door seal and its contact surface when the door is closed.
- Is food squeezed in? or Is a large amount of food put in at a time?
→ Follow the rules on the height of food that can be stored.
→ Allow clearance between each food in each compartment.
- Are Upper Freezer case and Slimline slide case installed correctly?
→ Install them correctly. [Pg.48](#)



There is a space between the door seal and its contact surface.

Confirming installation

- Food cannot be cooled enough, depending on the place or surrounding situation or clearance in which or with which the refrigerator is installed. Check to see if the refrigerator is installed properly. [Pg.37](#)

Confirming settings

- Is the compartment in "節電 (Energy Saving)" mode? Exit the "節電 (Energy Saving)" mode. [Pg.37](#)
- Refrigerator may not cool fully when the temperature setting is "弱 (MIN)". [Pg.40, 43, 46](#)
→ Switch the temperature setting of the compartment where it does not fully cool to "中 (MID)" or "強 (MAX)".
- Does the temperature around the refrigerator become high due to a seasonal factor (ex: using in summer)?
→ Switch the temperature setting of the compartment where it does not fully cool to "強 (MAX)". [Pg.40, 43, 46](#)

Check the usage of the refrigerator

- Temperature in the refrigerator rises little by little while its door is open. If opening/closing the door frequently or leaving the door open for a long time, temperature cannot easily lower.
→ Reduce the number of times of opening and closing a door, or open/close the door quickly.

When this happens

Please check. This is the cause.

Frost and/or dew occur

Frost and/or dew adhere to the refrigerator interior or the frame of the drawer compartment.

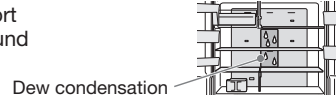
- The door or the drawer compartment may not be closed completely.
 - Check whether the drawer compartment or the door has been closed completely after closing them.
- The door may be opened/closed frequently or door may remain open for a long time.
 - Reduce frequency of opening and closing the door or open/close the door quickly.
- A lower setting of the condensation prevention heater may cause dew condensation in the swing partition, door packing, or a door itself when humidity is high. [Pg.53](#)

Dew adheres to the outside of the refrigerator (exterior, door seal, door and drawer compartment etc).

- Dew may adhere to the those parts when the indoor humidity is high (ex: rainy day).
- Frost and/or dew may adhere to the refrigerator interior or the door frame when the warm air outside comes in contact with those parts.
 - Wipe off with a dry cloth.

Dew condensation occurs in the Refrigerator Compartment

- Condensation may form on the wall and/or around the cold air blowout port when the door is opened and closed frequently or the humidity is high around the refrigerator.
 - Wipe the dew off with a dry cloth.



Dew condensation occurs in the Vegetable Compartment

- The humidity in the Vegetable Compartment is higher than other compartments. (To prevent vegetables from drying and to make them last longer)
 - If it is undesirable that dew adheres to the stored vegetables, wrap them with the plastic film.
- Water may drop into cases placed in the Vegetable Compartment due to dew concentration.
 - Wipe off them with a dry cloth.

Refrigerator cools overly

Refrigerator cools overly Food freeze

- “強 (MAX)” is selected in the temperature setting. → Switch it to “中 (MID)”. [Pg.40, 43, 46](#)
- The surrounding temperature is lower than 5°C. → When the ambient temperature is low, the inside of the refrigerator may cool overly. Switch the temperature setting to “弱 (MIN)”. [Pg.40, 43, 46](#)
- Do not place any food in front of the cold air blowout port.

Door is not in a horizontal state

Door is not in a horizontal state

- The installation site may not be level. Left side or right side of the door may be slightly lower when the left or right leg is sunk in the floor surface because of the soft floor material and the addition of food weight.
 - This does not affect the refrigerator performance. Adjust the refrigerator adjustable mount to keep it level if you want to correct it. [Pg.34](#)
 - Lay the firm board which has more than 1cm thickness on the floor if the refrigerator itself inclines.

More force is required to open the door immediately after closing the door.

- It is because air entered the Refrigerator Compartment is rapidly cooled and the pressure in the Refrigerator Compartment temporarily lowers.

Another door opens after closing one door.

- Another door may open for a moment by the wind pressure because cool air path connects each compartment.

Abnormal operating sound is generated

Annoying sound is generated by the refrigerator.

- The refrigerator may not be installed properly.

Possible Cause	Possible Solution
Floor bends	Lay a firm board and then install the refrigerator thereon. Pg.34
Refrigerator comes in contact with the wall or furniture, etc.	Install the refrigerator with clearance around it.
Leg cover comes off	Install it firmly. Pg.34

- You may feel that the operation sound is large because the compressor operates in high-speed under the following conditions: the refrigerator does not cool fully on the occasion such as using it for the first time, opening/closing the door frequently, the surrounding temperature is high.
 - The sound becomes small after cooling fully.
 - The compressor operates at low speed at night, for long vacations or absences, potentially developing large vibrations.

Operation sound lasts long

- It is because the compressor operates in low-speed for conserving energy.

Operation sound sometimes becomes larger

- It is because the system changes the operating power of the refrigerator according to the temperature change.

When other sound such as shown in the right table is generated by the refrigerator

- The following sounds are generated when the refrigerator is operating normally, so they do not indicate any trouble.

Type of sound	Source of sound
<ul style="list-style-type: none"> • Sound like water flowing (trickling) • Sound like collision (tapping) • Sound like water boiling (bubbling up) • Sound like meat roasting (sizzling) 	These sounds are caused when the refrigerant flows or water flows/ evaporates to remove frost.
<ul style="list-style-type: none"> • Sound like squeaking (cracking) (knocking) 	This sound is caused because the parts squeaks when the refrigerator temperature changes.
<ul style="list-style-type: none"> • Sound like something is caught (clacking) • Sound like roaring (honking) • Sound caused immediately after closing the door (booming) 	These sounds are caused when the electric parts to control the refrigerator temperature operates.
<ul style="list-style-type: none"> • Sounds caused by the Automatic ice maker (zooming) (rattling) (clunking) 	These sounds are made when ice is separated from the ice tray of the auto ice maker or water is supplied to the ice tray. These sounds are also heard every two or three hours when the water supply container is empty. To stop the sound, push the 氷取 button to change it to “停止 (Stop)”. Pg.44
<ul style="list-style-type: none"> • Sound occurred sometimes (clacking) 	This sound is caused when the refrigerator starts the operation to cool.

The refrigerator becomes hot

The side of the refrigerator becomes hot Hot air comes from the bottom of the refrigerator

- Hot air may come from the bottom of the refrigerator to exhaust the heat generated when the cooling device operates.
 - The temperature may rise to 50 – 60 °C immediately after installation or during summer.
 - It does not pose safety or performance problems, but avoid touching it.

TROUBLESHOOTING

When this happens

Please check. This is the cause.

It smells strange

Ice smells

- Do the water supply container and/or water filter become dirty? or Does ice become old?
→ Wash them on regular basis to prevent "slime" and/or "fur". (Pg.49)
- Chlorine may strongly smell because chlorine in tap water is condensed.

It smells in the refrigerator

- Is any food which strongly smells stored without any wrapping?
→ The deodorizing function cannot completely remove all smells.
Seal that kind of food with plastic film etc. to store it.

It smells like plastic

- This smell occurs because a lot of plastic parts are used in the refrigerator, but the smell decreases gradually while cooling. Keep the room ventilated.

There is something strange with the Vacuum Compartment

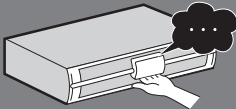
When either "Auto", "-1°C (Subzero)" or "+1°C (Chiller)" indicator lamp blinks



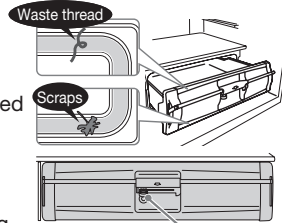
The vacuum function may not be operating normally. Check the followings:

- Is the handle held down to the end and locked?
→ The vacuum function will not work unless it is locked.
- Is a food package or a hair caught in the vacuum packing and the support?
→ A small piece of debris may prevent the vacuum function from operating. Remove it.
- Does the vacuum packing/the support get dirty?
→ Wipe off them if it is dirty. (Pg.39)
- Is the vacuum release valve (in blue) in place or loosened?
→ Attach it to the hole on the handle securely.

Hissing sound does not occur when opening.



- Are any food package etc. caught in the Vacuum Packing? or Are there any dirt, waste thread or scraps on it? (Pg.39)
→ If a food package is caught in the Vacuum packing, remove it.
→ Clean the dirty Vacuum Packing.
- Are the Vacuum Packing and/or the Vacuum Releasing Valve (blue colored) located on the bottom of the handle installed firmly? or Are they loose?
- Is "Auto", "-1°C (Subzero)" or "+1°C (Chiller)" indicator lamp lit?
- Is the handle pulled up?
- Hissing sound may not occur immediately after opening/closing the Vacuum Compartment because the vacuum pump enters the preparation state for starting the operation, but it does not indicate any trouble.



It is not clear whether the Vacuum Compartment has been vacuumized.

- The Vacuum Compartment has been vacuumized properly if a vacuum releasing sound (hissing sound) occurs when opening it.

The handle cannot be locked.

- Are any food etc. caught in the inner part of the Vacuum Compartment Case or the Vacuum Packing? (Pg.39)
- Are the rotation axes in the front part of the Vacuum Compartment Case and the door installed firmly? (Pg.39)

Booming sound and vibration occur around the Vacuum Compartment.

- This sound is caused when the vacuum pump operates. It does not indicate any trouble.
- You can stop the vacuum pump operation when you want to stop the sound (ex: night time). (Pg.38)
- If the sound and the vibration occur frequently, something may be caught in the door or there may be a dirt on the Vacuum Packing. (Pg.39)

Drop of water or frost occurs in the Vacuum Compartment.

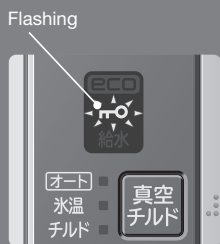
- The moisture from the juicy food may cause dew condensation and/or frost adhering insider the compartment because the Vacuum Compartment is sealed.
→ It is recommended to wrap the juicy food with plastic film, etc.
→ Wipe off water and/or frost with a dry cloth.

Food in the Vacuum Compartment freezes

- Is any vegetable sensitive to low temperature such as eggplant and cucumber stored? (Pg.38)
- Isn't the Vacuum Compartment set to "-1°C (Subzero)" or "OFF (Non-vacuum and -1°C)"? (Pg.38)
→ Set the "+1°C (Chiller)".

"E" display on the control panel flashes

"E" display on the control panel flashes



- This flashing shows that there is a problem with the Automatic Ice Maker, the temperature control device or the frost removal device etc.
- Consult your dealer if the flashing does not stop even after checking the point listed in the following table.

Flashing pattern	Possible Cause	Check Point
"E" flashing 3 times	Food etc. may come in contact with the ice tray or the stored ice amount detection lever.	Empty the Ice Compartment and perform "Cleaning the Ice Making". (Pg.49)
"E" flashing (more than 3 times)	This flashing shows that there is a problem.	Consult your dealer.
"Auto", "-1°C (Subzero)" or "+1°C (Chiller)" flashing	The vacuum function may not work properly.	Read the section "There is something strange with the Vacuum Compartment". (Pg.52)
	It may be in the operation check mode for serviceman. (* 1)	It will return to the normal mode after about 15 minutes. There is no problem with using.
"急速製氷 (Quick Ice Making)", "製氷 (Ice Making)" and "停止 (Stop)" flashing	It is in process of Ice Maker Cleaning.	Read "HOW TO MAINTAIN THE AUTOMATIC ICE MAKER". (Pg.49)
"停止 (Stop)" flashing	It will flash if you stop ice making during the ice making process.	Read "HOW TO MAINTAIN THE ICE TRAY". (Pg.49)
All displays flashing	Door remains open for more than 1 minute. (ex: door is not completely closed.)	Check "Door Alarm". (Pg.54)

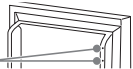
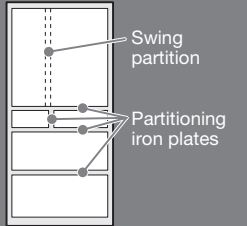

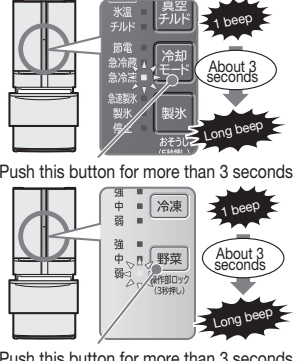
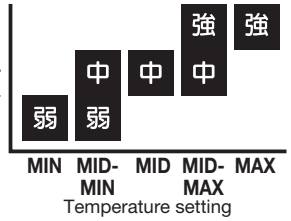
* 1 Pushing the button long (more than 10 seconds), the refrigerator may go into the operation check mode.

TROUBLESHOOTING/REPLACEMENT PARTS

When this happens

Please check. This is the cause.

Others

You feel electricity a little when touching the main body of the refrigerator	<ul style="list-style-type: none"> ● The refrigerator may be charged with static electricity, but there is no problem with the safety. → It is recommended to ground if you want to remove it. (Pg.35)
Radio and/or television are disturbed by noises	<ul style="list-style-type: none"> ● It is caused by the electromagnetic radiation slightly generated from this refrigerator. → Install the refrigerator away from the television, radio and interphone. → It is recommended to connect the power plug to the power outlet separated from the antenna terminal and ground the refrigerator. (Pg.35)
There are thin lines like scratches on the plastic parts	<ul style="list-style-type: none"> ● Those lines are caused by the liquid resin flowing when plastic is molded. They are especially conspicuous for the transparent parts, but there is no problem with the strength and they can never lead to any cracks.
There are waving and/or distortions on the door surface, the side and the top surface of the refrigerator.	<ul style="list-style-type: none"> ● Slight waving and/or distortions are generated in the manufacturing process of the refrigerator. They may be conspicuous according to the position of the light source and/or the brightness etc., but there is no problem with the performance.
The Control Panel is unlit.	<ul style="list-style-type: none"> ● Approximately two minutes after the end of operation, indicator lamps, excluding “急冷凍 (Quick Freezing)”, “急冷藏 (Quick Cooling)”, “節電 (Energy Saving)”, “急速製氷 (Quick Ice Making)”, “給水 (Water Supply)” and “eco Operation”, become unlit for energy saves.
There is a small hole inside the door	<ul style="list-style-type: none"> ● This hole is used to escape the air inside when filling the heat insulation material into the door during the production process. It is neither a flaw nor abnormal thing. 
The electric supply failed	<ul style="list-style-type: none"> ● Reduce the number of times of opening and closing the door and avoid storing food additionally until the electric supply is restored.
The refrigerator is not expected to use for a long term	<ul style="list-style-type: none"> ● Unplug the power plug and maintain the inner of the refrigerator and the Automatic Ice Maker, and leave all the door open to dry the refrigerator for 2 ~ 3 days. (Pg.41, 49~50)
Remove frost	<ul style="list-style-type: none"> ● Any operation to remove frost is not required because this refrigerator remove frost automatically. Thawed water is collected in the evaporating tray and automatically evaporates.
Transporting and moving care	<ul style="list-style-type: none"> ● See “Transporting your refrigerator (transport for moving)” (Pg.35)
When you want to lower the setting of the condensation prevention heater (the swing partition and the partitioning iron plates)	<ul style="list-style-type: none"> ● A lower setting of the condensation prevention heater will reduce power consumption. The setting has two levels: 1 and 2. The level 2 achieves a higher reduction in power consumption. A lower setting of the condensation prevention heater may cause dew condensation in the swing partition or the partitioning iron plates when humidity is high. When dew is formed, cancel the setting. ● The setting will be cancelled when the power plug is connected and disconnected or power failure recovery takes place. ● Setting the swing partition <ol style="list-style-type: none"> 1. Open the Lower Freezer Door. 2. Press and hold the button on the Control Panel with the refrigerator doors closed for three seconds or more until one beep sounds. (Level 1) 3. Press and hold the button on the Control Panel for three seconds or more until two beeps sound. (Level 2) 4. Close the lower Freezer Door. ● Setting the partition plate <ol style="list-style-type: none"> 1. Open the door of the lower freezer 2. With the door of the Refrigerator Compartment closed, push and hold the button on the control panel for 3 seconds or longer until it beeps (Level 1). 3. Push and hold the button on the control panel for 3 seconds or longer until it beeps (Level 2). 4. Close the door of the Refrigerator Compartment. <p>To cancel the setting, perform the same operation at Level 2. Alarm is raised (two beeps sound) to cancel the setting.</p>   
When you want to adjust the temperature more finely	<p>Temperature settings for Refrigerator, Freezer and Vegetable Compartments can be adjusted more finely than the three levels: “弱 (MIN)”, “中 (MID)” and “強 (MAX)”.</p> <ol style="list-style-type: none"> 1. Open the Lower Freezer Door. 2. Push and hold the button on the Control Panel for five seconds or more until one beep sounds (This allows finer adjustment.) 3. Adjust the , or button to make an adjustment. The temperature becomes higher by one level every time you push the button. (Pushing “強 (MAX)” returns to “弱 (MIN)”.) 4. If you want to stop the fine adjustment, perform the operation of 1 and 2. Two beeps sound and You can set the temperature by normal step. 

REPLACEMENT PARTS

When replacing the following parts, make sure to tell your dealer the type name and buy the special parts.

Replacing the water filter

- Replace the water filter when it becomes old. (Replace it normally once 3 ~ 4 years.)
- Ordering the replacement water filter
Tell your dealer the parts number: RJK-30 to buy the replacement water filter. (Ice making capacity is the same with the water filter removed.)

Replacement of the vacuum packing

- If vacuum state can no longer be maintained due to damage, deformation or a change in color, please replace it with a new one.
- Part number for each refrigerator model

Type	Parts number
Type: R-SF62BMJ	R-A6200 321
Type: R-SF58BMJ, R-SF48BMJ R-S59BMJ, R-S49BMJ	R-A5700 321
Type: R-S51BMJ	R-S50AM 321

["eco" OPERATION INDICATOR LAMP]/DOOR ALARM/LOCKING THE CONTROL PANEL

Caution ● Always configure the settings with all the doors closed. (Pg.36)

["eco" Operation indicator lamp]

When the refrigerator is operated in a manner to reduce power consumption, such as Frost Recycle Cooling, the indicator lamp is automatically lit to indicate that the refrigerator is operating in the energy saving mode.



Notice

["eco" Operation indicator lamp]

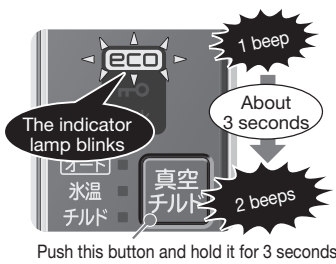
- If ["eco" Operation indicator lamp] isn't illuminated, check the following things.
 - Is the ["eco" Operation indicator lamp] set as Off? → Perform the above-mentioned procedure for how to return.
 - Immediately after installation, when a lot of food is stored at a time, or when you open or close a door frequently, the compressor operates at a high speed and this indicator lamp is not lit. → Open/close the door quickly or minimize the number of opening/closing the door.
 - When the refrigerator is operated with "急冷凍 (Quick Freezing)", "急冷蔵 (Quick Cooling)" or "急速製氷 (Quick Ice Making)" enabled, → It will be illuminated after the quick cooling functions finish and the operation of the refrigerator gets stable.
- When connecting/disconnecting the power plug or after recovering from electric power failure, it will return to the setting where the ["eco" Operation indicator lamp] is illuminated.

["eco" operation indicator lamp] can be turned off when you feel uneasy at night, etc.

How to turn off the indicator lamp

Push and hold the **真空チルト** button for three seconds with all the doors closed until the ["eco" Operation indicator lamp] blinks.

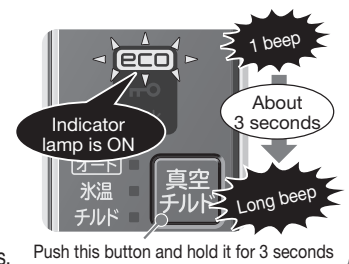
The ["eco" Operation indicator lamp] is unlit.



How to restore the setting

Push and hold the **真空チルト** button for three seconds with all the doors closed until the ["eco" Operation indicator lamp] becomes lit.

The ["eco" Operation indicator lamp] is lit for three seconds. After that, the lamp is lit or unlit, depending on the operation conditions.



Door Alarm

When a door remains open for 30 seconds or more, alarm sounds as shown below and characters on the Control Panel are blinking to indicate that the door is open with sound and light.

Duration when door is open	Alarm sound	Control Panel
30 seconds*	3 long beeps	Does not blink
1 minute	3 long beeps	Flashing
2 minutes	5 long beeps	Flashing
3 minutes	It keeps continuously sounding.	Flashing

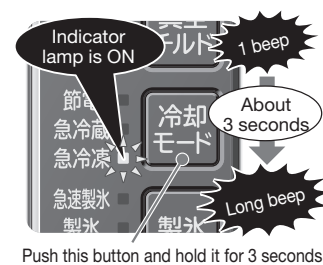
* From 30 seconds onwards, the Door Alarm sounds only when the energy saving mode is set. The Refrigerator Compartment, Ice Compartment and Lower Freezer have the Door Alarm function (, but the Upper Freezer and Vegetable Compartment doesn't).

The Door Alarm can be stopped.

When you want to stop the alarm

Push and hold the **冷却モード** button for three seconds with all the doors closed until one beep sounds.

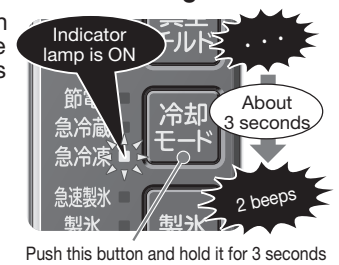
When the setting has been completed, the indicator lamp is restored to the original state.



When you want to sound the alarm again

Push and hold the **冷却モード** button for three seconds with all the doors closed until two beeps sound.

When the setting has been completed, the indicator lamp is restored to the original state.



Notice

- When the Door Alarm is disabled, characters on the Control Panel no longer blink and operation sound is no longer made, but alarm indicating cleaning of the ice-making tray does sound.
- The Door Alarm is enabled when shipped.
- When connecting/disconnecting the power plug or after recovering from electric power failure, it will return to the setting where the Door Alarm sounds.

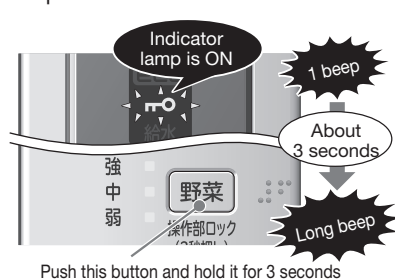
Locking the Control Panel

When this indicator lamp **🔒** (Lock on the panel for operation) is illuminated, any other button will not be actuated by pushing it. This can prevent erroneous operation of the Control Panel or misuse by children.

Locking

Push and hold the **野菜** button for approximately three seconds until one beep sounds.

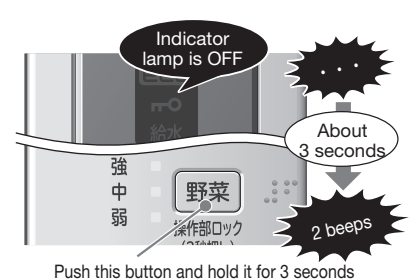
🔒 is lit to indicate that the lock has been completed.



Unlocking

Push and hold the **野菜** button for approximately three seconds until two beeps sound.

🔒 is lit to indicate that the lock has been released.



Notice

- After locking or unlocking, confirm the temperature setting for the refrigerator compartment.

有關碳氫化合物的冰箱 / 規格 / 可容納的食品重量

ABOUT NON-CFC REFRIGERATORS/SPECIFICATION/STORABLE WEIGHT

有關碳氫化合物的冰箱 About non-CFC refrigerators

- 本冰箱所使用冷媒及其他斷熱材料皆無使用氟氯化碳、而是使用碳氫化合物。碳氫化合物不會破壞地球臭氧層、對地球溫室效應的影響非常小、屬於環保物質。
- 碳氫化合物為可燃型物質。冷媒密封於冷媒迴路管中、在一般的使用情況下應該不會發生外洩的可能。但萬一有冷媒管線損壞的情況發生、請遠離火源及避免使用電器用品、將門窗打開以利空氣流通。之後、請立即與經銷商或日立技術中心聯絡。
- Instead of CFCs, hydrocarbons are used in the coolants and insulation materials used in this refrigerator. Hydrocarbons do not damage the ozone layer, and they are environmental-friendly materials, having an exceptionally small affect on global warming.
- Hydrocarbons are flammable. The coolants are sealed in the coolant circuitry, and with normal operation they will not leak, but should the circuitry be damaged, refrain from using flames or other electrical products, and open windows for ventilation. After that, please contact the dealer or Hitachi service centre.

規格 SPECIFICATION

型號	Model	R-SF62BMJ	R-SF58BMJ	R-SF48BMJ	R-S59BMJ	R-S51BMJ	R-S49BMJ
種類	Type	冷凍冷藏箱 Refrigerator-Freezer					
總有效內容積	Total Volume	620 ℓ	565 ℓ	475 ℓ	567 ℓ	501 ℓ	477 ℓ
外型尺寸 Dimensions	寬 W (mm)	750	685	685	685	620	685
	高 H (mm)	1818	1818	1818	1818	1818	1818
	深 D (mm)	728	733	643	733	733	643
額定電壓 / 額定頻率	Rated Voltage / Frequency	110V/60Hz	110V/60Hz	110V/60Hz	110V/60Hz	110V/60Hz	110V/60Hz
電動機額定消耗電功率	Rated Motor Input	92W	92W	92W	85W	80W	82W
除霜輸入功率	Rated Heater Input	160W	150W	150W	150W	110W	150W
消耗電量	Energy Consumption	31kWh/月	28kWh/月	26kWh/月	22kWh/月	22kWh/月	22kWh/月
能源因數值	Energy Factor	24.8 ℓ /kWh/月	25.1 ℓ /kWh/月	22.4 ℓ /kWh/月	31.0 ℓ /kWh/月	28.4 ℓ /kWh/月	25.6 ℓ /kWh/月
冷媒種類 / 充填量	Refrigerant	R600a/88g	R600a/84g	R600a/84g	R600a/84g	R600a/80g	R600a/84g
總重量 (淨重)	Net Weight	117kg	110kg	100kg	105kg	99kg	97kg
脫臭裝置	Deodorize	●	●	●	●	●	●
自動製冰機	Automatic Ice Maker	●	●	●	●	●	●
快速冷藏	Quick Cooling	●	●	●	●	●	●
急速冷凍	Quick Freezing	●	●	●	●	●	●
急速製冰	Quick Ice Making	●	●	●	●	●	●
箱門警報器	Door Alarm	●	●	●	●	●	●

可容納的食品重量 Storable weight

可容納於層架或收納盒內的食物重量如下：

The following table shows the weight of food that can be stored on the shelves and in the cases.

	零件名稱	Name of parts	R-SF62BMJ	R-SF58BMJ R-S59BMJ	R-SF48BMJ R-S49BMJ	R-S51BMJ
冷藏室 Refrigerator compartment	4 段可調層架	4 level adjustment shelf	7.0kg	7.0kg	6.0kg	—
	可調式層架上方	Height adjustable upper shelf	10.0kg	8.0kg	5.5kg	16.0kg
	可調式層架下方	Height adjustable lower shelf	21.0kg	16.5kg	16.0kg	16.0kg
	翻轉式層架・固定層架	Reversible shelf・Fixed shelf	21.0kg	16.5kg	16.0kg	16.0kg
	真空室上方的層架	Upper shelf of the vacuum compartment	11.0kg	9.0kg	8.5kg	8.0kg
	真空室盒	Vacuum compartment case	5.0kg	4.0kg	3.0kg	3.5kg
	置蛋架	Multiuse Egg Case	2.0kg	2.0kg	2.0kg	2.0kg
	軟管式容器站立架	Tube Stand	1.3kg	1.3kg	1.3kg	1.3kg
製冰室 Ice compartment	製冰盒	Ice case	請勿存放不是本自動製冰機製成的冰塊。 (圖 P.19頁) Do not store any ice cubes other than the ones made by the automatic ice maker. (圖 P.47)			
上層冷凍室 Upper freezer	上層冷凍盒	Upper Freezer case	9.0kg	6.2kg	5.0kg	4.0kg
下層冷凍室 Lower freezer	薄滑動盒	Slimline slide case	5.5kg	4.8kg	4.0kg	4.0kg
	滑動盒	Slide case	8.0kg	7.0kg	6.0kg	6.5kg
	下層冷凍盒	Lower freezer case	14.5kg	12.5kg	11.0kg	11.5kg
蔬果保鮮室 Vegetable compartment	寬廣上段置物盒	Spacious Upper Case	9.5kg	7.5kg	6.0kg	6.5kg
	下段置物盒	Lower Case	17.5kg	14.5kg	12.0kg	13.0kg

關於廢棄之重要警告 Severe warning signs for Disposal

隔熱材料中含有環戊烷 (Cyclopentane)。
當要處理隔熱材料中之氣體時，必須依照特殊的廢棄處理程序。
要廢棄本產品時為了不會對環境造成不良影響，請詢問當地的相關機關。

Cyclopentane is used as in the insulation.
The gases in insulation material require a special disposal procedure.
Please contact your local authorities in regard to the environmentally safe disposal of this product.

日立家電技術中心一覽表

大台北技術中心	TEL：(02) 2771-8200
花蓮技術中心	TEL：(03) 852-9400
中壢技術中心	TEL：(03) 491-2219
台中技術中心	TEL：(04) 2220-1133
嘉義技術中心	TEL：(05) 236-1943
台南技術中心	TEL：(06) 260-6939
高雄技術中心	TEL：(07) 522-9100

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日立家電網站：www.hsct.com.tw

R-SF62BMJ R-S59BMJ ©
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R-SF48BMJ R-S49BMJ