使用說明書
INSTRUCTION MANUAL

HITACHI
Inspire the Next

日立多門雪櫃
REFRIGERATOR-FREEZER

家庭用 For household use

型號
Model R-HW610NH R-HW610NS
R-HW530NH R-HW530NS



日本製
Made in Japan

六門 6 doors

非常感謝您購買日立雪櫃。
此雪櫃僅供家庭使用，請勿用於商業行為或儲存食品以外的其他目的。
請詳閱本使用說明書，以確保正確使用。 使用前請務必詳閱第32頁的「安全上之注意事項」。
請妥善保管本使用說明書與保証書。如將雪櫃交給他人在別的場所使用或者交給回收工廠，請將本使用說明書隨雪櫃一同轉交。

Thank you for purchasing a Hitachi refrigerator.
This refrigerator is designed for home use only. Do not use this refrigerator for commercial use or for any purpose other than storing food.
Please read this manual to ensure correct usage and safety especially 'Safety Suggestions' on page 32 before use.
Please keep this manual, together with your warranty, in a safe place. If you hand this refrigerator over to another party, pass on this manual as well.

- **購買後初次使用時。** ➔ 8、9頁
  初次使用時，完全冷卻可能至少需要約 4 至 24 小時。
- **存放食物時，請勿超過各存儲隔的高度限制，並確保食品的間隙。** ➔ 20、22頁
  存放過多的食物，食物或包裝可能無法妥善放置。如果雪櫃門關閉不緊，可能導致製冷效率低，不能製冰等後果。
- **When plugged in for the first time, the refrigerator takes about 4 to 24 hours to completely cool.** ➔ Pg.48, 49
- **For optimal cooling, store items in the appropriate compartments according to the guidelines in this manual and leave space between items.** ➔ Pg.60, 62

最佳的省電使用方法

Tips for using the refrigerator wisely for energy savings

1. 建議您避免頻繁地開關雪櫃門，若打開後也盡快關上
頻繁地開關雪櫃門會讓冷氣外漏，造成耗電。

2. 避免過分堆滿食品
食品堆積過滿時，雪櫃內部冷氣循環變差，不易達到充分冷卻，更容易造成耗電及浪費。食品儲放時請保留間隙，建議以能看到後面為主。

3. 溫熱的東西請常溫放涼後再冷藏
將熱食放進雪櫃會讓溫度上升，造成附近的食品容易變質。

4. 雪櫃周邊應保留適當的間隙
若周圍沒有足夠的空間，會無法散熱造成耗電。

5. 更換老化的雪櫃門密封墊
密封墊老化後會容易讓內部的冷空氣漏出，造成耗電。若出現這種狀況，可先拿一張名片夾在門縫處，若關上雪櫃門後名片掉落，建議盡快更換新的密封墊。

1. Reduce the rate of opening and closing of doors.
Frequent opening and closing leads to waste of energy.

2. Do not overfill the refrigerator.
Overfilling the refrigerator prevents smooth circulation of cool air, which prevents even cooling throughout the refrigerator and consumes unnecessary power. Place food so that you can see the back wall of the refrigerator.

3. Do not place hot food in the refrigerator.
Placing hot food in the refrigerator raises the temperature, which, in turn, raises the temperature of surrounding food.

4. Provide sufficient spacing around the refrigerator.
Installing the refrigerator with insufficient clearance between the refrigerator and surrounding objects prevents the release of heat and thus leads to waste of energy.

5. Replace door gaskets if damaged.
Cool air can leak through damaged gaskets, which leads to waste of energy. If a business card inserted between the gasket and the refrigerator slides down, the gasket needs replacing.

常見問題 FREQUENTLY-ASKED QUESTIONS (FAQs)

無法製冰時 → 35頁
If you cannot make ice → Pg.75

雪櫃內不冷時 → 34頁
If the refrigerator does not cool → Pg.74

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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。

警告	此標示欄表示「可能會造成死亡或嚴重人身傷害」。
注意	此標示欄表示「可能會發生人身傷害或財產損失之預測內容」。

■ 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)

	「提醒警告及注意」的內容。
	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）。

■ 此雪櫃使用可燃性的雪種。以下的標示欄記載關於可燃性雪種的注意事項。

R600a	此圖示標示為可燃性雪種的注意事項。

⚠ 警告

安裝時

● **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。





● **請勿設置於潮濕或會被水淋到的場所。**
・避免因電氣接觸不良而引起觸電・火災的危險。

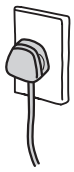


● 請勿在本產品的背面設置多口便攜式插座或便攜式電源。

電源及電源電線

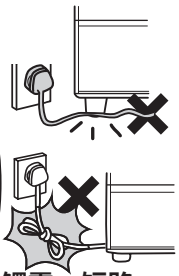


● **使用時請勿高於插座或配線器具的額定電流。**
請勿使用交流額定電壓以外的電源。
若與其他電器插頭併用，或使用三面插座等，會因異常發熱而造成火災的危險。
・請單獨使用額定電流 10A 以上的插座。



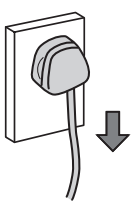
● 設置本產品時，請確認電源線是否有拉扯、損傷的跡象。

（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・讓雪櫃壓住電線或捆綁電線。）

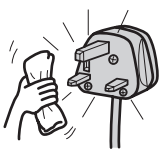


在已受損的狀態下使用時，會引發觸電・短路・火災的危險。
・若電源線損壞時，必須由製造商、其服務處或具有相關資格的人員加以更換以避免危險。

● **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。



● **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接觸不良，進而引起火災。
・請拔除插頭再用乾布擦拭乾淨。



⚠ 警告

電源及電源電線

禁止濕手

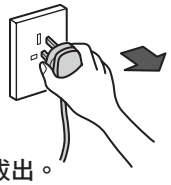
● **請勿用潮濕的手，拔除插頭。**
・會引起觸電。



● **8 歲以上的孩子，以及身體上 , 感覺上，或精神能力方面有缺陷的人，如果在關於本產品的安全使用方面接受監督或指導，能夠理解使用時所伴隨的危險性的話，就能夠使用。**
小孩子不能玩耍本機器。在沒有監督的情況下，小孩子不能進行清掃或用戶檢修。3 歲至 8 歲的孩子可以往雪櫃裡放東西或從中取東西。



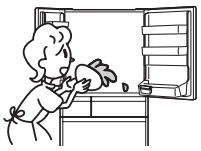
● **進行雪櫃保養，請務必拔掉插頭。**
有觸電或受傷的危險。
→ 28頁
・請將插頭確實的從插座內拔出。



在一般使用的情況下

禁止淋濕

● **請勿用水淋濕主體與箱內。**
・避免因電氣接觸不足而引起觸電・火災。

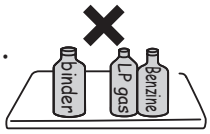


● **請勿將含水容器放在雪櫃上。**
・翻倒的水會造成電氣組件接觸不良而發生漏電・火災・觸電的危險。



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。

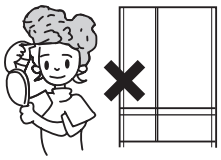


● **請勿放置乾冰。**
・放入袋中有破裂的危險。

● **請勿用來保存藥品或學術試樣。**
・必須嚴格管理的物品，不可保存於家庭用雪櫃內。



● **在附近請勿使用可燃性噴霧用品。**
・避免因雪櫃門開關等電氣接點引起的火花引發火災。



● **請勿在雪櫃上放置物品。**
・避免因開閉雪櫃門，造成物品掉落而受傷。



● **請勿懸在雪櫃門上嬉戲，或踏在收納盒上。**
・避免因翻倒，夾到手指而受傷。



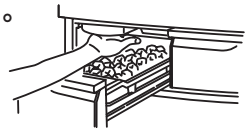
● **請不要拆卸雪櫃內燈的蓋子。**
・燈泡損壞時，須由製造廠商或其服務處或具有相關資格的人員加以更換以避免危險。

● **不要將雪櫃門開得過大或靠在打開的雪櫃門上等給雪櫃門施加太強的力。**

● **不要用力碰撞門。**

禁止接觸

● **請勿用手觸碰自動製冰機的零件部位。**
・製冰盤旋轉時，手恐怕會受傷。



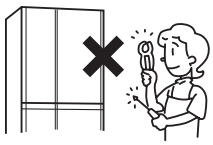
● **請注意不要讓孩子們玩耍。**

⚠ 警告 R600a

關於雪種（由於這是一種可燃性的氣體 R600a: 異丁烷，請注意以下的事項。）

禁止

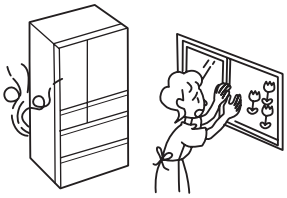
● **不可以螺絲等銳利物品刮花雪櫃。**
由於使用可燃性的雪種，當雪種從雪櫃內壁的配管外洩，會有起火・爆炸的危險。



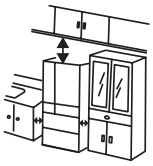
● **除廠商建議方法外，不得使用零件工具或其它工具來加速除霜的過程。**

● **請勿在雪櫃內部使用電器用品。**
・如雪種外洩，電氣接點所產生的火花，會有起火・爆炸的危險。

● **請勿損傷雪櫃的冷卻管路。**
雪種配管損壞時，請將雪櫃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。



● **請將本產品的外殼或組裝結構上的通氣口遠離障礙物。** → 8頁
若雪種外洩的情況持續，會有起火・爆炸的危險。



● **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，交給他們進行專業處理。**
若雪種外洩會有起火・爆炸的危險。



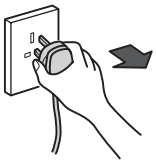
R600a

● **警告標籤和銘牌必須一直牢固張貼於壓縮機上和雪櫃上。**

● **關於使用後的可燃性雪種的處理，修理，廢棄，設置等，只有日立公司認定的服務公司或服務的擔當人員才能進行。**

萬一有以下情況

● **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，勿接觸雪櫃，請立即開啟窗戶進行換氣。**
・避免因雪櫃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，因有幼兒被誤困在雪櫃內之虞，請將門墊拆下來。**

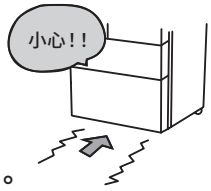


⚠ 注意

移動・搬運時

禁止

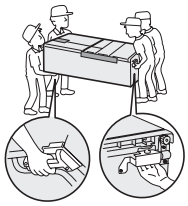
● **請勿在容易刮花的地板上使用雪櫃滑輪。**
避免因滑輪而刮花地板。
・請在容易刮花的地板上鋪上保護板。



● **請勿以吊車吊起把手部位。**

● **請勿碰撞雪櫃背面・側面。**

● **搬運時，請用手持把手搬運。**
倘若沒有手持把手，可能會因手滑而受傷。
・請僱用 2 人以上手持把手搬運。
・搬運時請如圖示般將雪櫃門朝上。
・為了防止電源插頭、電線下垂，請以膠布固定。



在一般使用的情況下

禁止

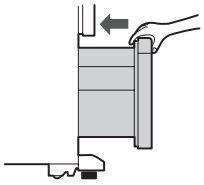
● **請勿在超大瓶飲料的縫隙間再塞入其他瓶罐。**
・勉強放入超大瓶飲料瓶後，在開閉雪櫃門時，可能會因掉落而受傷。



● **請勿將瓶子放在冰凍室內。**
・內容物結凍會使瓶子破裂，容易受傷。

● **當打開雪櫃門時，若其他門也在進行開閉動作時，為了避免被打開的雪櫃門之間夾傷手或手指，請格外注意。**

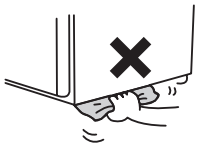
● **關閉雪櫃門時，請勿握住雪櫃門把手以外的部位進行關閉。**



● **開啟最底層的雪櫃門時，請勿讓腳靠近雪櫃。**
・碰觸到腳底而受傷。



● **手腳不要放進雪櫃的底部。**
清理時將手伸入雪櫃底下時，可能會被鐵板割傷。



● **請勿施加強烈撞擊力於玻璃層架。(可能因玻璃層架破裂而導致受傷)**

● **請勿讓食品凸出層架。**
・避免因鉤到瓶罐後掉落而受傷。

● **開閉雪櫃門時，請勿過於用力。(存放的食品有可能會掉落)**

● **他人同時觸摸時請勿進行開閉動作。**



● **請勿將手放在抽屜門把手上，開閉冷藏室門。**

● **請勿用潮濕的手碰觸冰凍室內的食品或容器。**
・避免凍傷。(尤其是金屬製產品)

● **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。

● **請勿在玻璃層架的玻璃面上加熱，或放置熱的物品。**

● **為了防止水滴到地板上。**
長時間門與雪櫃間有縫隙時，結露水或除霜水可能會滴下。請確實關緊雪櫃門讓門與雪櫃之間沒有縫隙。

● **雪櫃門開啟的狀態下，開啟其他的門時，請注意切勿被開啟的雪櫃門夾傷手或手指。**

● **因為玻璃層架很重，安裝、拆卸時請格外注意。**

● **開閉雪櫃門時，若有異常聲音或磨耗粉末掉落等異常現象時，請停止使用，並請維修人員到府察看。**

事前準備

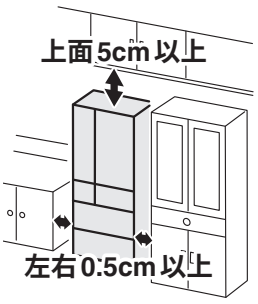
使用前的準備

1 請安裝在以下的位置。

- 地板堅固且水平的地方
  地毯、榻榻米、木板地、塑膠地板等恐怕會有變形、變色的可能時，請墊（超過1cm厚的）板材。
- 避免陽光直射及高溫的地方
  這些可防止冷卻功率下降，避免電費增加。
- 不潮溼且空氣流通的地方
  而且可抑制生鏽及結露。
- 與電視等電器間隔一段距離
  防止造成雜音或影像不穩定等情況。

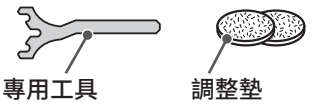
※ 雪櫃側面的中央部分可能比所表示的尺寸稍大。
設置時請確保充裕的空間。

※ 若擔心振動音或濕氣較高時背面牆壁或壁紙發生變色汙損的情況，與牆壁間請預留間隙（**2cm以上**）。

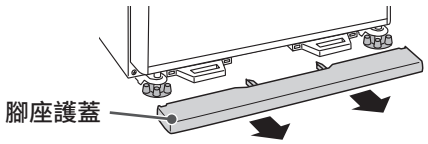


2 調整雪櫃水平後固定。

請使用附屬專用工具及［2個］調整墊



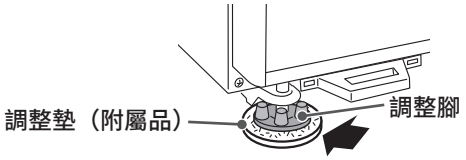
1 手持腳座護蓋，拉向身前即可卸下。



2 將調整墊放在調整腳的下方。

將調整腳調整至前後左右平衡的狀態。

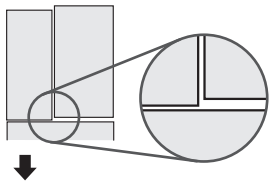
- 在放入調整墊之前，請將調整腳的底部與地板擦拭乾淨。
  若有髒污時將有可能會刮花地板。



3 旋轉左右的調整腳，直到碰觸到地板。
調整雪櫃的左右側門直到平行為止。

調整腳的旋轉量是以每旋轉1圈相當於雪櫃門的高低差距1mm為準。
請用專用工具配合調整腳的形狀並夾住。

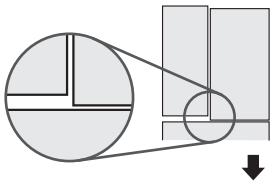
■ 左側下歪



順時針方向旋轉降低左邊的調整腳



■ 右側下歪

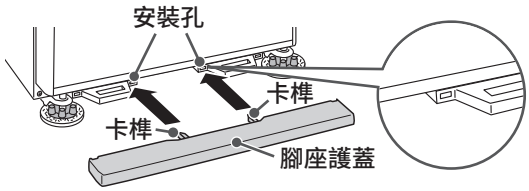


順時針方向旋轉降低右邊的調整腳



- 旋轉調整腳時，請使用專用工具並請注意勿傷及地板。
- 當過度旋轉調節腳時，可能導致調節腳脫落。

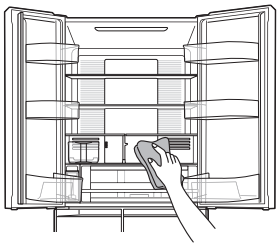
4 請將腳座護蓋的卡榫插入雪櫃的安裝孔內安裝。



通知事項

- 因地板材質的強度、食品的重量，在經過數日後（約5天）或許發生雪櫃門往下降低的情況。若發生此情形，請再次調整平行。
- 可能會因雪櫃放置在非水平的場所，或是地板材質柔軟，而導致雪櫃門左右產生高低差。
  雖然功能上沒有問題，但若介意請按左側所列的步驟進行平衡調整。
- 進行左右水平調整，並使雪櫃的前側稍微高一點可方便關門以避免門沒關緊。
- 在雪櫃門開啟的狀態下，手放開後雪櫃門可能會慢慢自行關上，此非故障。

3 清潔雪櫃內部。 ➔ 28～31 頁



- 請用沾濕的柔軟布擦拭後，再以乾布擦乾。
- 儲水箱及淨水濾片請使用清水沖洗。

※ 滑動盒的滑軌及滑軌接觸面上塗有潤滑劑，請勿擦拭。
※ 剛開始使用時可能會有些許塑膠的味道。
若特別在意時，可加強室內通風讓氣味散去。(開始使用後氣味也會自行消失)

4 將電源插頭插上。

設置後就可直接插上電源插頭。
請用獨立的插座。(交流 220 ～ 240V、額定 10A 以上)

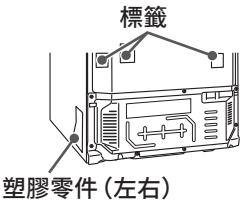
- 請勿將電源插頭及電線夾在雪櫃背面及牆壁間。以防止電線發熱。

雪櫃內開始冷卻 (冷藏室冷卻後，其他的儲藏室 (製冰室、冰凍室、蔬果保鮮室) 也會接著冷卻)

- 根據雪櫃周圍溫度、食品的存放方式不同，雪櫃內充分**冷卻約需要 4 小時**。
  夏天天氣炎熱時，也可能需要 24 小時以上。
  在雪櫃尚未充分冷卻前請勿將冰淇淋或未充分冷卻的食品、易受損的食品等放入雪櫃。
- 初次使用自動製冰時，請操作自動製冰機的**「製冰機清潔」**。 ➔ 31 頁
- 自動進行連續的製冰運轉是必須在雪櫃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。**)
- 當雪櫃內溫度較低時，插上電源後有可能經過 10 分鐘才開始冷卻。

通知事項

- **配管有可能需要進行防鏽處理。**
  當雪櫃設置在溫泉區、工業區周圍、下水道管路附近等處，有可能受到硫化氣體的影響而導致配管的腐蝕。請向經銷店諮詢。
  若因氣體危害導致配管變黑或是故障時，不在保用範圍內。
- **將電源插頭插入後、會有馬達運轉聲音。此外、雪櫃在達到充分冷卻之前、壓縮機及風扇可能會發出較大的聲音。**
- 請勿將背面的標籤撕下、或拆卸側面下方的塑膠製品。
- 磁鐵裝飾或是吸盤吸附在雪櫃或雪櫃門表面有可能會留下痕跡。
- 周圍濕度較高時，雪櫃門表面可能結露，而讓貼在雪櫃門上的紙濕掉。



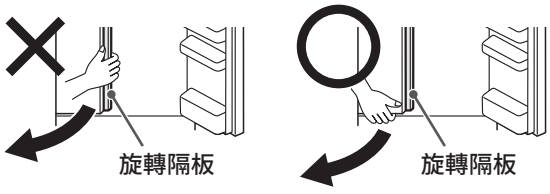
雪櫃門的開關

敬請依照指示操作 打開雪櫃門時，請勿有用力過猛，全身靠在打開的雪櫃門上，或是強加不當的外力。有可能造成雪櫃門的損壞。

開關雪櫃時，請手持把手開關雪櫃門。

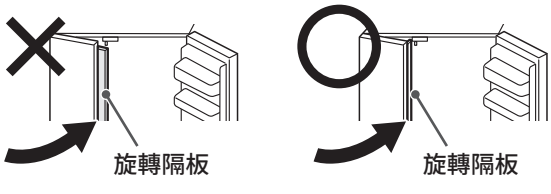
■ 開啟雪櫃門時

請勿只握住旋轉隔板打開雪櫃門。
(可能造成雪櫃門無法開啟)



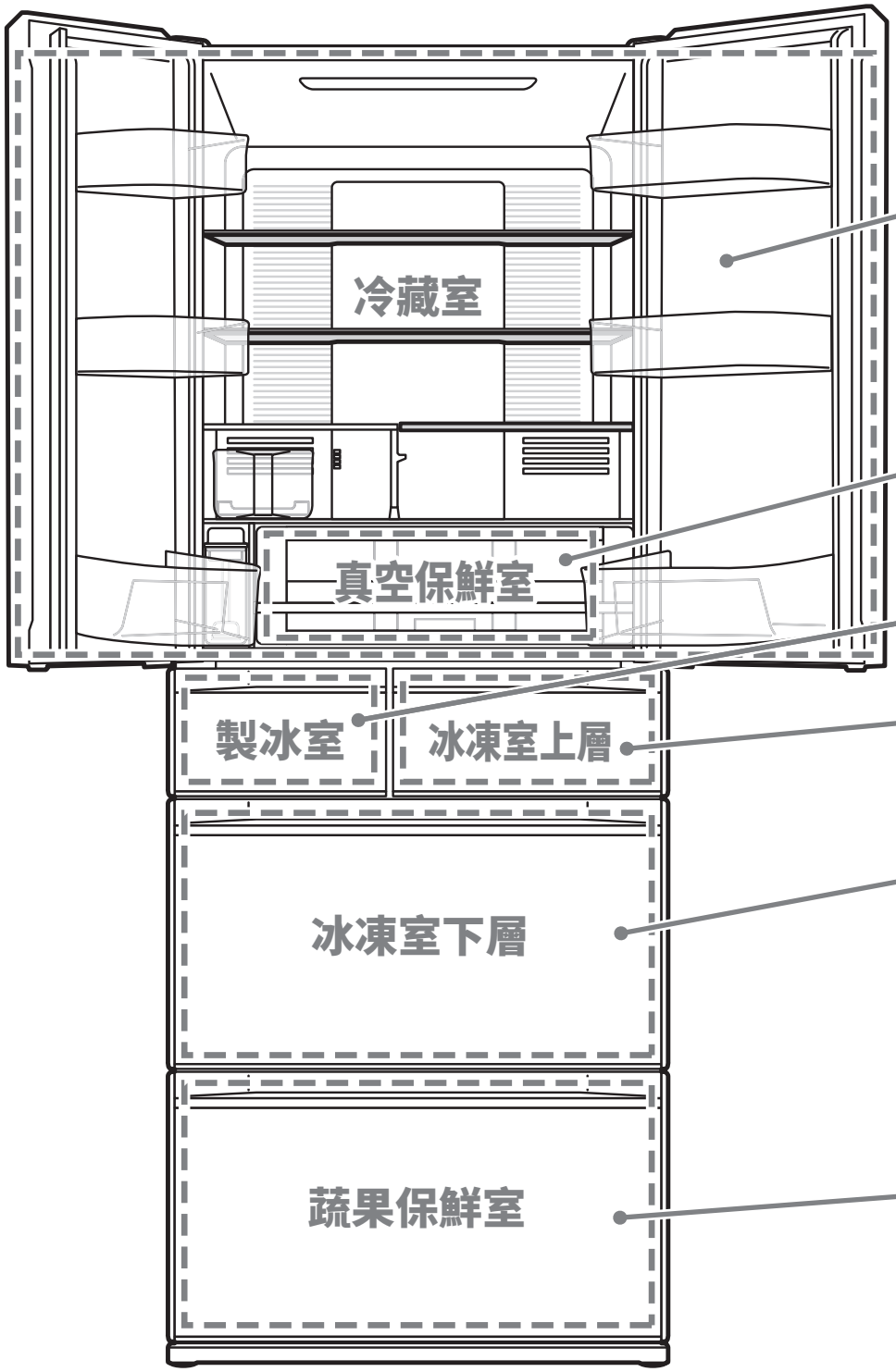
■ 關上雪櫃門時

當旋轉隔板為立起狀態時請勿關閉雪櫃門。
(可能造成雪櫃門無法完全關上)

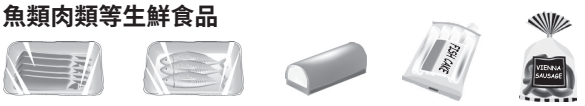


確認事項

各室的名稱



適於存放的食品

存放位置		概略的溫度	食品
冷藏室 → 14頁	層架	約2℃～6℃	日常使用的食品 
	雪櫃門置物架	約2℃～9℃	
真空保鮮室 → 16頁	On/Off	約－2℃～0℃	魚類肉類等生鮮食品 
製冰室 → 18頁		約－19℃～－17℃	自動製冰
冰凍室上層 → 20頁		約－19℃～－17℃	
冰凍室下層 → 20頁		約－20℃～－18℃	
蔬果保鮮室 → 22頁	上層、下層存放空間	約4℃～8℃	上層存放空間 小型或使用過的蔬果等  下層存放空間 葉菜類（菠菜、小松菜等）、大型蔬菜（高麗菜、萵苣等） 
	直立收納空間	約4℃～9℃	直立收納空間 較大株的蔬菜及寶特瓶等 

※是環境溫度在32℃，冷藏室與冰凍室都設定為「■■」，不放食品，關著門，溫度穩定時的概略溫度。

保存的訣竅

- 收納時請保留食品間的空隙。
- 建議您在存放強烈氣味食品時，先以保鮮膜包覆之後再放入雪櫃。
- 可以收納食品重量的概略基準。 → 83頁

確認事項 ～續前頁～

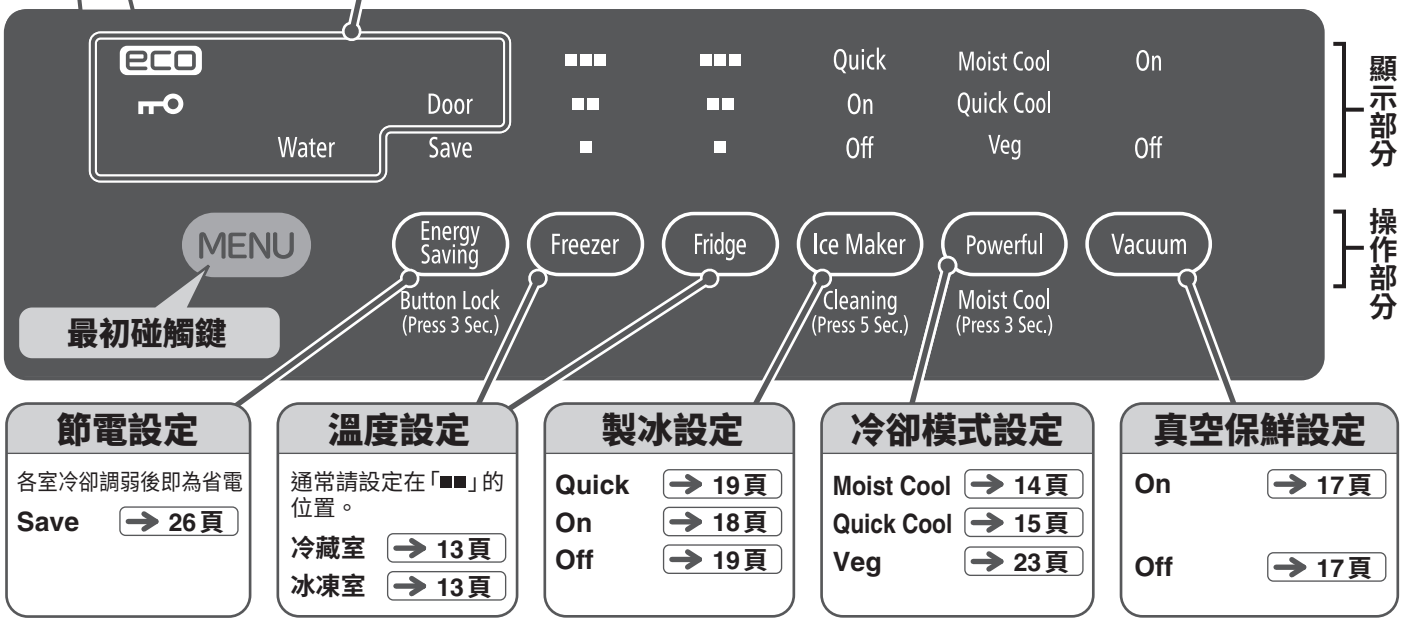
操作面板的功能

操作面板的上段為顯示部，下段為操作部。
顯示部及操作部通常為熄滅狀態。請按下 MENU 按鍵，讓其顯示亮燈。
操作部為觸控式面板。請觸按面板來切換設定。



顯示

- eco　減少電力消耗，啟動運轉時顯示亮燈 → 26 頁 [eco 運轉顯示燈]
- 操作面板鎖定時，顯示亮燈 → 24 頁
- Water　當儲水箱中的水減少時，顯示亮燈 → 19 頁 [給水警示燈]
- Door　雪櫃門開關次數多時，顯示亮燈 → 27 頁 [雪櫃門開關顯示燈]



節電設定

各室冷卻調弱後即為省電

Save → 26 頁

溫度設定

通常請設定在「■■」的位置。

冷藏室 → 13 頁
冰凍室 → 13 頁

製冰設定

Quick → 19 頁
On → 18 頁
Off → 19 頁

冷卻模式設定

Moist Cool → 14 頁
Quick Cool → 15 頁
Veg → 23 頁

真空保鮮設定

On → 17 頁
Off → 17 頁

通知事項

- 按下 MENU 按鍵時，顯示亮燈即為目前的設定狀態。此外，打開冷藏室門，亦可顯示目前的設定狀態。
- 操作結束後，再次按下 MENU 按鍵時，顯示及操作部分的燈號會熄滅。
  此外，即使不按下 MENU 按鍵，經過約 40 秒後，為節省電力，顯示及操作部分的燈號也會自動熄滅。
  但是，「Save」的設定、「Quick」運轉中的顯示及「Off（製冰停止）」[給水警示燈]、「Quick Cool」、「Off（真空 關）」的顯示、環保節能運轉中的 [eco 運轉顯示燈] [雪櫃門開關顯示燈] 均不會熄滅。
- 打開冷藏室門時，顯示及操作部分會亮燈。關上門後約 15 秒就會熄滅。
- 觸控面板會因為周圍的溫度、濕度、使用者的身體狀態及周圍電器製品的啟動狀況，感應可能會受到影響。
- 按了按鍵卻無感應時，請將手指移開一次後再回來按下。兩次按下按鍵的間隔過短的話也有可能導致無感應。即使用力再按也不會改善感應度。
- 操作部分變濕或有髒汙時會無感應。請用濕布擦掉髒污後，再用乾布擦乾。
- 冷藏室門打開或顯示部分燈號閃爍時按下按鍵不會有感應。請確認操作面板燈號閃爍 → 36 頁。

溫度的調整(冷藏室、冰凍室)

輕觸操作面板可調整溫度。

1 按下操作面板的 MENU 按鍵，顯示燈亮。

顯示燈全部燈亮後，顯示目前的所有設定。

2 按下 Fridge 或 Freezer 按鍵，可調整各室的溫度。

購買時之原始設定為「■■」。通常請設定為「■■」就可以。

若在夏天感覺冷度不夠時，請設定為「■■■」。

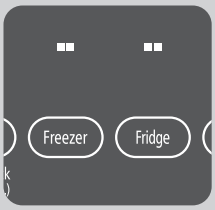
敬請依照指示操作

在冬天若長時間設定為「■■■」時，食品有可能因而結凍。
若覺得雪櫃內太冷時，請設定為「■■」或「■」就可以。

通知事項

- 雪櫃內部溫度因使用條件不同可依此變動。
- 若想要進行更細微的溫度設定時也可以。➔ 24 頁
- 將冰凍室溫度設定為「■■■」時比設定為「■■」時的耗電量約增加20%。
- 當變更冷藏室的溫度設定時，真空保鮮室的溫度也隨之改變。
- 當變更冰凍室的溫度設定時，製冰室的溫度也隨之改變。
- 設定為「Moist Cool」時，冷藏室的溫度設定燈號就會熄滅。

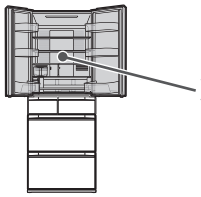
■操作部分



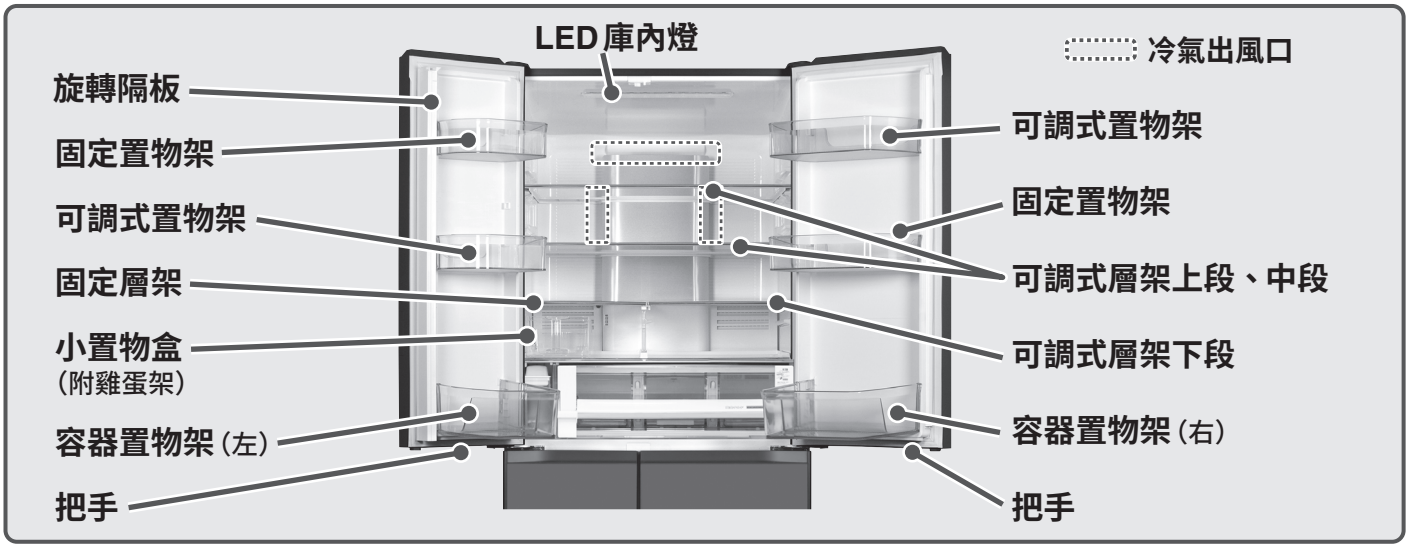
冷藏室的概略溫度
「■■■」比「■■」溫度低1～3℃
「■」比「■■」　溫度高1～3℃

冰凍室的概略溫度
「■■■」比「■■」溫度低2～4℃
「■」比「■■」　溫度高2～4℃

冷藏室



各部的名稱

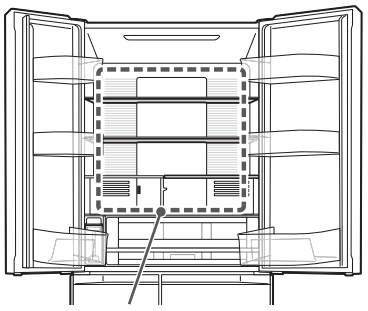


敬請依照指示操作

- **若將水分較多的食品或罐裝飲料放置在冷氣出風口前，有可能結凍或破裂，請勿將該類食品放置在冷氣出風口前。特別是設定成「■■■」「Moist Cool」時，更容易結凍。**
  將食品加蓋或包裹保鮮膜，可以防止食品結凍。
- **存放米或海苔類等乾燥食品時，使用密閉容器裝盛後再放入雪櫃。**
  乾燥食品會吸收濕氣。

「Moisture Cooling」的使用

- **比冷藏室全段還要低溫。**(設定時：約0～3°C)
  建議用於存放預先作好的常備惣菜。
  當要保存溫熱食品時，**請放冷至能以手碰觸的程度(50°C以下)後**再放入。防止燙傷或層架變形。


「Moisture Cooling」空間

通知事項

- 設定成「Moist Cool」時，會比不設定時更耗電。
  此外，運轉聲音也可能變大。
- 設定成「Moist Cool」時，置物架的溫度會比不設定時更低溫。

設定方法

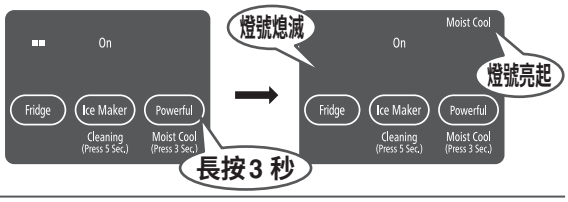
購買時設定成「關」的狀態。

1 **按下操作面板的 MENU 按鍵，顯示燈亮**

顯示燈全部燈亮後，顯示目前的所有設定。

2 **長按3秒以上，直到 Powerful 的設定音效發出(嗶一)，讓「Moist Cool」燈號亮起。**

讓 Fridge 的溫度設定燈號熄滅。



解除 **按下操作面板的 MENU 按鍵，長按3秒以上直到 Powerful 的設定音效發出(嗶嗶)，讓「Moist Cool」燈號熄滅。**

讓 Fridge 的溫度設定燈號亮起。

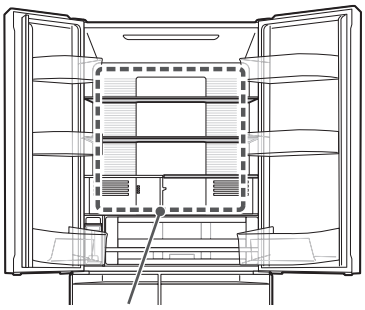
通知事項

- 設定成「Moist Cool」時，就無法設定 Fridge 的溫度。設定成「Moist Cool」時，按下 Fridge 的按鍵，就發出「嗶嗶」的音效聲告知無法進行此設定。

「Quick Cooling」的使用

想要急速冰凍食品時，進行「Moisture Cooling」空間的加強冷卻效果的運轉。

可縮短溫熱食品的冷卻或加熱調理後餘熱放涼的時間。
建議可使用在外出前需快速將便當、飲料、加熱調理後的蔬菜冷卻時。
當要保存溫熱食品時，**請放冷至能以手碰觸的溫度（50°C以下）後**再放入。
防止燙傷或層架變形。


「Moisture Cooling」空間

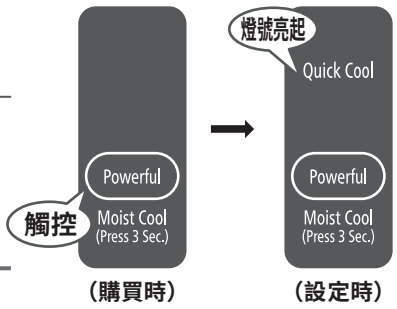
通知事項

- 設定為「Quick Cool」時會比不設定時更耗電。
- 若連續使用「Quick Cool」時，雪櫃內的食品可能會結凍。
- 原本設定在「Moist Cool」時也可同時使用。

設定方式

1 **按下操作面板的 MENU 按鍵，顯示燈亮。**
顯示燈全部燈亮後，顯示目前的所有設定。
購買時設定成「關」的狀態。

2 **按下 Powerful 按鍵，「Quick Cool」燈號亮起。**
運轉約60分鐘後自動結束，「Quick Cool」燈號熄滅。



中途解除時

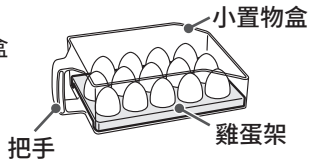
1 **按下操作面板的 MENU 按鍵，顯示燈亮。**

2 **按下 Powerful 按鍵，「Quick Cool」燈號熄滅。**

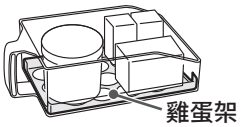
小置物盒的使用

可存放小物或蛋後置放於冷藏室。

雞蛋架可放14顆蛋。
連同裝盛雞蛋的塑膠外盒也可直接存放。



將雞蛋架倒放也可當成置放小物的容器。



敬請依照指示操作

- 請緊握把手小心拿取。
- 因為會有掉落的可能，請勿將食品堆疊存放。
- 請勿存放比置物盒高的食品。
- 此容器不可當成製冰盒。容器有可能會破損。
- 放置於冷氣出風口前，食品有可能結凍或破裂。請放置於離冷氣出風口較遠的地方。
- 不要放在層架前方。

置物架、層架高度的調整

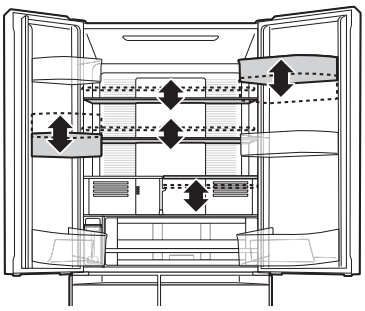
依食品或飲料的大小、置物架及層架的位置可做適度的調整。關於拆卸方式、安裝方式請參閱 → 32頁

⚠ 注意

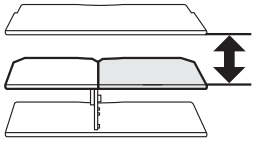
■使用玻璃層架時
- 請勿對玻璃層架施加強力的撞擊。（玻璃層架可能破裂而導致受傷）
- 因玻璃層架較重，於安裝及卸除時請特別小心。

■ 可調式層架上段、可調式層架中段、可調式層架下段、可調式置物架

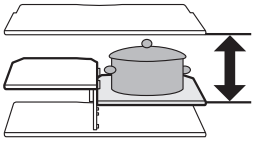
依食品或飲料的大小，可以做適度的調整。



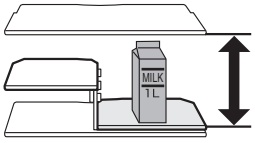
- 購買時的狀態



- 鍋具的收納

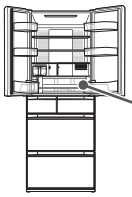

將層架安裝在中段

- 牛奶等收納



將層架安裝在下段

真空保鮮室

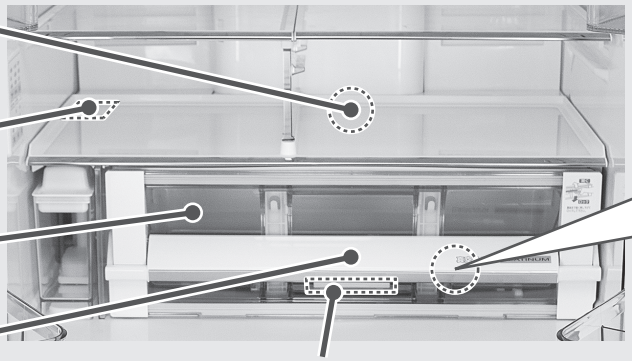


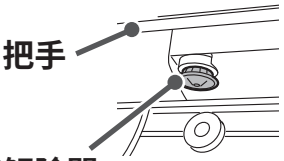
LED庫內燈
冷藏室門打開時真空保鮮盒的照明會亮起。

真空泵

真空保鮮盒
（附鋁製托盤）

把手



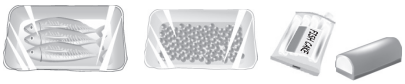


真空解除閥（藍色）
向上提起把手解除鎖定，使用真空解除閥可解除真空狀態。解除真空時會發出“咻—”的聲音提醒。

白金觸媒 利用白金觸媒的效果，將肉類、魚類所散發出的氣味成分分解並轉化為碳酸氣體，因而抑制食品鮮度的降低。

收納食品

購買時設定「On」。

On **（約－2℃～ 0℃）**	**●肉類、肉類加工食物**  **●魚貝類、海鮮、魚類加工食物**  **●肉及魚類的解凍**  **・水分多的食品可能會結凍。**
Off **（約－2℃～ 0℃）**	解除真空設定。建議存放小心存放的「密封袋食品」或「塑膠密封容器」時使用。由於是冰溫室，含水較多食品可能會凍結。

通知事項 即使食品以保鮮膜包覆，也不會改變真空的效果。若擔心氣味轉移至其他食品上，請以保鮮膜包覆。

注意事項
- ●周圍溫度低時，水分較多的食品可能因低溫而結凍。
- ●冷藏室、冰凍室的溫度設定變更後，真空保鮮室的溫度也隨之變動。
- **●請勿將過多的食品或容器塞入真空保鮮室。**
  可能會導致真空保鮮盒無法拉出。

■ 不適合存放於真空保鮮室的食品

以下的食品不適合冰凍，請存放在冷藏室。

●乳製品



起司等

●切好的蔬果



切好的新鮮蔬果

●結凍時會造成口感變差的食品



豆腐、塊狀蒟蒻、豆皮、
條狀蒟蒻、白煮蛋等

變更真空保鮮室的設定

1 **按下操作面板的 MENU 按鍵，顯示燈亮。**

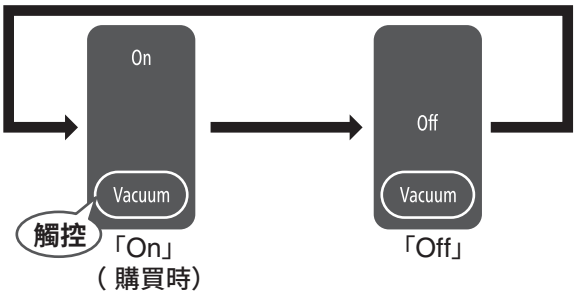
顯示燈全部燈亮後，顯示目前的所有設定。

2 **按下 Vacuum 按鍵，可依照個人喜好變更設定。**

按下按鍵時依下列的順序切換。購買時設定為「On」。

通知事項

- 當設定為「Off」時，「Off」會持續亮燈。其他的顯示為達到省電目的，約40秒過後顯示燈即熄滅，並保留所設定的功能。

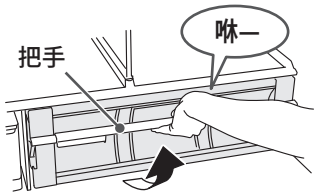


※ 環境溫度在32℃、不放食品、關著門、真空保鮮室溫度穩定時的概略溫度。

真空保鮮盒的開關

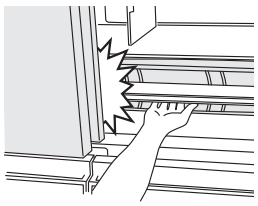
開啟雪櫃門時

1 **將把手往上扳起，解除鎖定。**

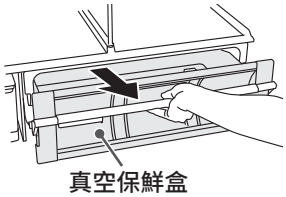


※ 真空泵啟動後至達到真空狀態、約需3～4分鐘。在4分鐘以內打開真空保鮮盒，有可能沒有“咻—”的聲音。

※ 在沒有同時開啟左右雪櫃門的狀態下直接將把手往上扳起的話，可能造成零件的破損。



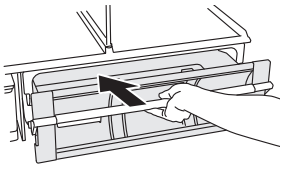
2 **真空保鮮盒往前面拉出。**



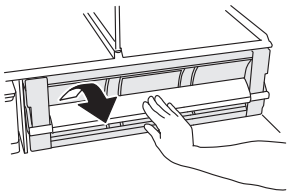
※ 若能聽到“咻—”的聲音時，因為是正在解除真空的狀態，無法拉出真空保鮮盒。請在聲音消失後，再往前方拉出。

關閉雪櫃門時

1 **將真空保鮮盒往內推進。**

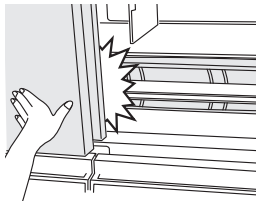


2 **將把手往下扳緊，使其鎖定。**



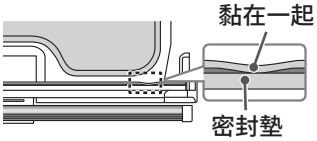
注意事項

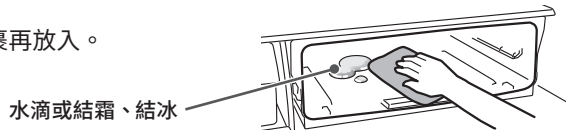
- **若未將把手確實地往下扳緊，則無法形成真空狀態。**
- **在未鎖定把手的狀況下關上冷藏室門，則可能造成零件、食品的破損，或是門縫間產生間隙，造成無法充分冷卻的原因。**



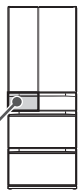
敬請依照指示操作

- **密封墊若黏在一起則無法維持真空狀態。若發現黏在一起，請將之撕掉。從左右及下面較難看出，請將真空保鮮盒取出後再檢查確認。** **➔ 32頁**
- 因為真空保鮮室是密閉的狀態，食品和空氣中所含的水分，可能在冰凍室內結成水滴或結霜、結冰。請用柔軟的布沾溫水擦拭。(產生水滴或結霜、結冰時，並不會對冷卻性能造成影響。)
- 若您在意食品上有水滴、霜、結冰的話，建議在存放食品時，先以保鮮膜包裹再放入。
- 真空保鮮室內若水或食品的液體溢出時，請立刻擦拭乾淨。
- 白金觸媒不需要更換。請勿拆下。

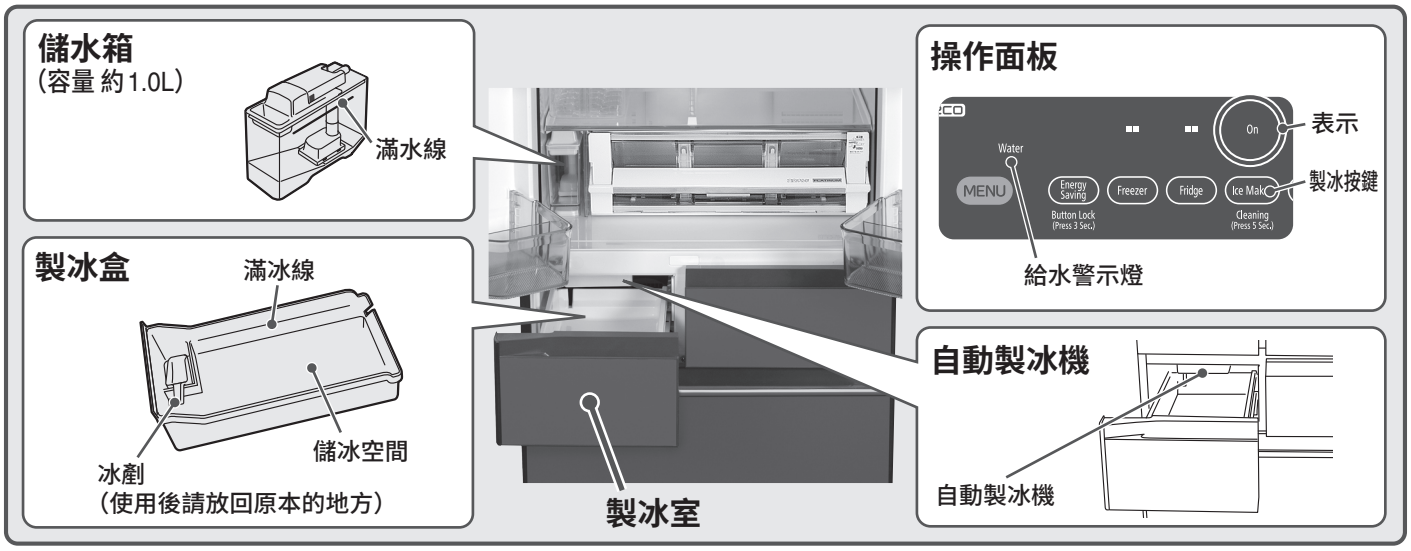




製冰室(自動製冰機)



自動製冰



製冰方法

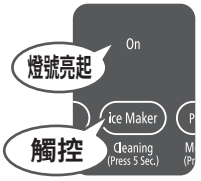
初次製冰時，或是一星期以上沒有製冰時，請操作「製冰機清潔」。 → 31 頁

1 **按下操作面板的 MENU 按鍵，顯示燈亮。**

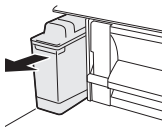
顯示燈全部燈亮後，顯示目前的所有設定。

2 **按下 Ice Maker 按鍵，「On」燈號亮起。**

購買時之原始設定為「On」。

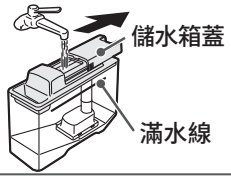


3 **取出儲水箱。**



4 **打開儲水箱注入水。**

※請勿加水至滿水線以上。



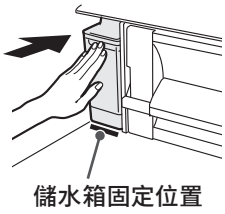
5 **設定儲水箱。**

往前推入到超過「水槽安裝位置」的線位，確實押入底部。

確實押入底部

若儲水箱沒有確實押入底部，則無法製冰。

※儲水箱傾斜會將水灑出。
水灑出請立即擦乾。



6 **自動開始製冰運轉。**

- 當冰塊積滿至滿冰線時，則會暫時停止製冰功能。
  當冰塊減少時，會自動啟動製冰功能。
  當製冰盒內沒有冰塊時，從製冰盤掉落冰塊，可能會
- 有較大的聲音。

敬請依照指示操作

- 注意：只可加入飲用水。
- 製冰用水根據貴國的飲用水標準而定。
  自來水的水質因不同國家而異。
  請向地方當局檢查、核實。
- 因衛生上的理由，請至少每週更換一次水，並清洗容器。 → 30頁
- 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，對人體無害。
- 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。

○



礦泉水
(硬度：100mg/L以下)



過濾水或
煮沸後的水



井水
(皆須符合飲用水質標準。)

- 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)。

×



果汁類



運動飲料水



汽水



茶

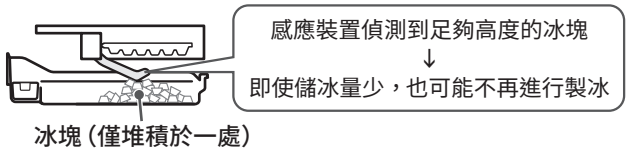
冰的收納量、製冰時間

型號		R-HW610N 型號	R-HW530N 型號
冰的收納量	冰塊平整狀態	約150個	約140個
一次(12個)的製冰時間	一般的「On」	約110分～140分	
	「Quick」	約80分	

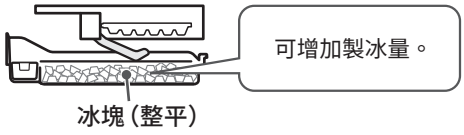
※ 周圍溫度約30°C，各室的溫度設定在「■■」的位置，無開關雪櫃門狀態的約略值。

通知事項

●若冰塊僅堆積於一處，即使儲冰量少，也可能不再進行製冰。請將冰塊整平。



●將冰塊整平，就可增加製冰量。



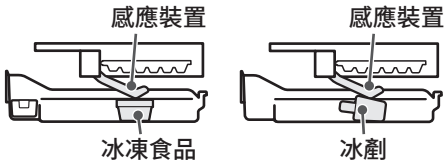
●下列的情形時，可能會延長製冰的所需時間。

- 開始使用時(可能需要24小時以上)
- 冰凍室溫度設定為「■」時
- 雪櫃內同時放進大量食品時
- 設定成「Save」時
- 雪櫃門開關次數頻繁時
- 冰凍室或製冰室門呈半開的狀態
- 冬天周圍溫度較低時
- 停電時

敬請依照指示操作

●設定成「On」「Quick」時，儲冰空間，除了自動製冰機所製造出的冰塊外，請勿放入其他的冰凍食品或冰劑。有可能造成無法製冰。
(或因食品接觸到製冰機的零件而導致門無法開啟，零件破損等情形。)

●請慢慢的開關製冰室門。
若開關時用力過猛，冰塊可能從製冰盒掉落至冰凍室下層。



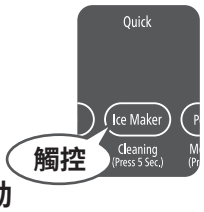
冰凍食品是否在裡面？

冰劑是否放回指定的位置？

短時間內製冰

1 **按下操作面板的 MENU 按鍵，顯示燈亮。**
顯示燈全部燈亮後，顯示目前的所有設定。

2 **按下 Ice Maker 按鍵，「Quick」燈號亮起。**

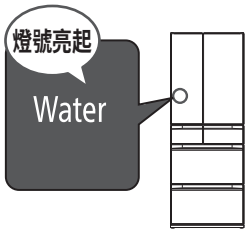


比「製冰」更縮短製冰時間。
一次製冰約可製12個冰塊。
約7小時「Quick」的運轉則自動停止，切換至「On」模式。

通知事項
●「Quick」在運轉中時「Quick」燈號亮起。[eco 運轉顯示燈]則不會亮。
●由於「Quick」運轉時優先冷卻冰凍室，因此冷藏室門開關次數頻繁時，冷藏室的溫度容易上升。

給水警示燈

儲水箱的水量減少時，「Water」燈號亮起。請補充水至儲水箱內。
開關雪櫃左側雪櫃門時，「Water」的顯示會暫時熄滅。
若沒有補充水的情況，顯示會再次亮燈。(最長是3小時後)

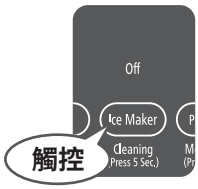


通知事項
●自動製冰機設定為「Off」時「Water」燈號不會顯示。
●即使儲水箱中有水，但若儲水箱沒有確實推入，「Water」顯示燈會亮起。此時請確實地將儲水箱往前推入至固定位置。
●設定成「On」時，當滿冰的狀態時，有可能「Water」的燈號不會亮起。

不製冰

1 **按下操作面板的 MENU 按鍵，顯示燈亮。**
顯示燈全部燈亮後，顯示目前的所有設定。

2 **按下 Ice Maker 按鍵，「Off」燈號亮起。**



停止自動製冰後，就不會自動製冰。

※ 一星期以上「Off」時，請清潔自動製冰機。
➔ 30、31頁

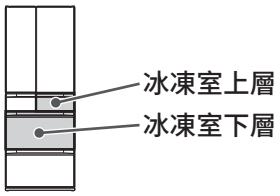
通知事項 **●**當在「Off」設定中時，「Off」燈號亮起。

Ice Maker「On」或 Freezer「■■■•■」及 Fridge「■」燈號閃爍時

製冰盤有可能碰到製冰盒內的食品。
請將製冰盒內清空，然後操作「製冰機清潔」。➔ 31頁

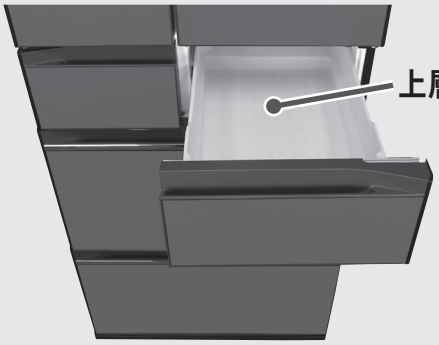


冰凍室



冰凍室上層

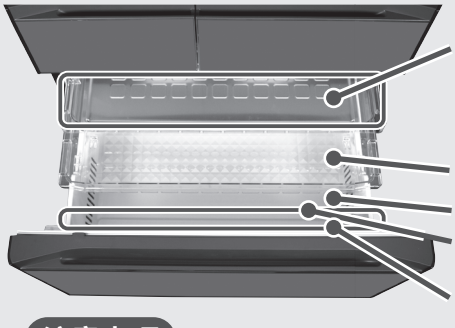
請將日常使用的食品或使用過的食品保存於此。



冰凍室下層

內配3層冰凍盒，能夠充分地存放，整齊地收納。

適於存放需長期保存的東西，容易融化的冰淇淋等。



注意事項 ● **上層滑動盒及隔板無法拆卸取出。**

收納食品

冰凍室上層		冰凍包裝、密閉容器、吐司麵包等
冰凍室下層	**上層滑動盒**	小件冰凍食品等 **「Delicious Freezing」空間** 肉類、魚類及白飯急速冰凍時
	中層滑動盒	冰凍包裝、密閉容器等
	下層冰凍盒	冰凍食品、冰淇淋等 **直立收納空間** 冰凍專用寶特瓶等

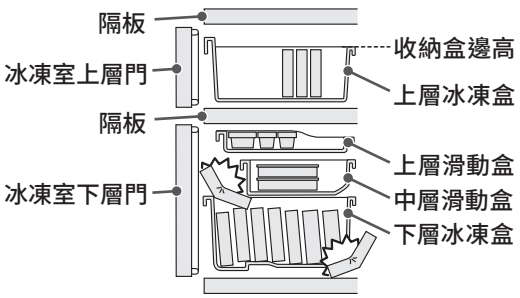
收納食品時

請配合食品的種類、大小來收納。收納食品的高度上限，請參考各收納盒的邊高。
收納食品時，請勿堆疊碰到上面的收納盒或隔板。

可能因雪櫃門沒有完全關緊，而造成不夠冷的情形。此外，也可能造成食品及盒子破損。

注意事項

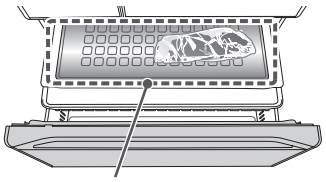
- **上層滑動盒內請勿放入寶特瓶。**
  寶特瓶結凍後膨脹，會拿不出來。
- 中層滑動盒請勿拆下另作他用。若食品從收納盒後面掉落，雪櫃門可能會無法關閉。
- 請勿使用不適用於冰凍的容器。



「Delicious Freezing」的使用

搭配大型鋁製托盤的效果，可更快速的冰凍食品。
將食品放置在「Delicious Freezing」空間，感測器可以感測食品的溫度，自動切換冷卻運轉。

請將食品用保鮮膜或夾鏈袋包好後再放置在鋁製托盤上。
將食品分成小包裝，不僅可快速冰凍至中心部，也便於拿取，相當方便。

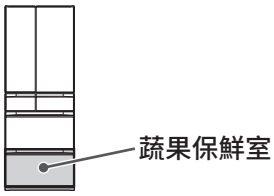


「Delicious Freezing」空間

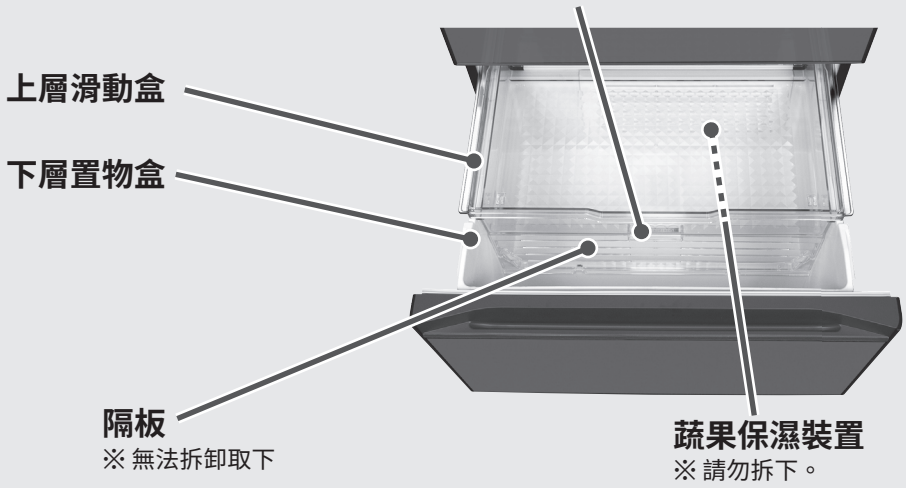
通知事項

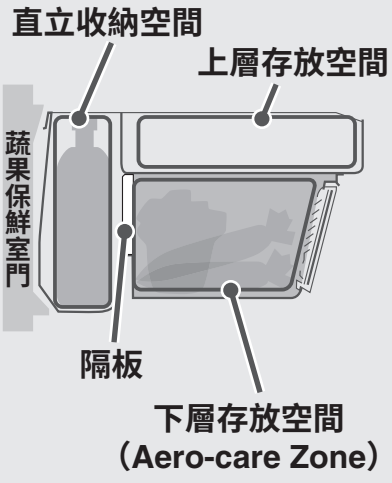
●若食品不重疊地緊貼大型鋁製托盤地放置，則能夠更加有效地冰凍。

蔬果保鮮室



白金觸媒 將食品所散發出的氣味成分，蔬菜所散發的乙烯氣分解，轉變為碳酸氣，因而抑制食品鮮度的降低。
白金觸媒不需要更換。請勿拆下。





收納食品

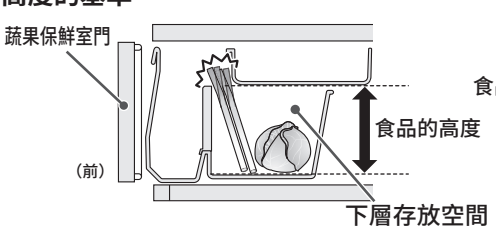
上層存放空間	未使用完的蔬菜及小型蔬菜 (番茄、青椒等)、水果等 (草莓、葡萄柚等)
下層存放空間	葉菜類 (菠菜、小松菜等) 及大型蔬菜 (高麗菜、萵苣球等) 等
直立收納空間	較大株的蔬菜 (小黃瓜、蘆筍等)、2L 的寶特瓶等

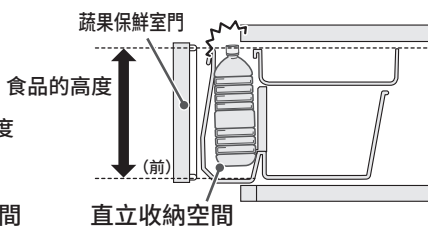
收納食品時

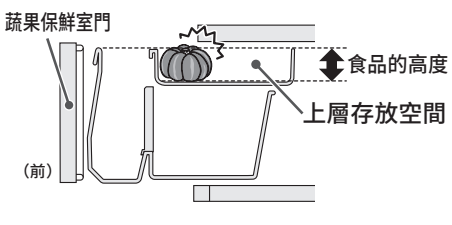
請配合食品的種類及大小進行收納。

- **請注意收納食品的高度。**
  - 雪櫃門無法確實關緊，可能造成冷卻效果變差。此外，也可能造成食品及各盒子的破損。
  - 因寶特瓶的種類不同，有可能過大而致無法收納。
- **上層滑動盒請勿拆下後另作他用。**
  - 食品可能會從置物盒的後面掉落而導致門無法關緊。
- **請勿將過量的食品，飲料等強硬塞入。**
  - 可能造成隔板及各收納盒的破損。

高度的基準







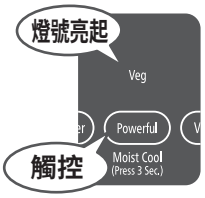
蔬果保鮮室的溫度調節（使用「蔬果室強」）

1 **按下操作面板的 MENU 按鍵，顯示燈亮。**

顯示燈全部燈亮後，顯示目前的所有設定。

2 **購買時設定成「關」的狀態。**

按下 Powerful 按鍵，「Veg」燈號亮起。



以比平常更低的溫度來保存。（一般約4 ～ 8°C →「Veg」約2 ～ 6°C）

※ 雪櫃周圍溫度32°C，冷藏室、冰凍室的溫度都設定在「■■」，且不放入食品關閉雪櫃門，安定運轉時的大致溫度。

通知事項

- 為了省電，顯示約在40 秒後熄燈，但直到操作解除動作，持續原本之設定。在設定為「Veg」時，[eco運轉顯示燈] 不亮。

解除 **按下操作面板的 MENU 按鍵顯示燈亮後，再按下 Powerful，讓「Veg」的顯示燈熄滅。**

通知事項

- 長時間使用「Veg」功能時，含水分較多的蔬菜有可能會結凍。請解除「Veg」的設定。
- 在「Veg」模式中，設定成「節電」模式時，冷卻效果會由「Veg」轉為較弱的冷卻效果。→ 26頁
- 當外面溫度較低時，蔬果保鮮室內的溫度可能會變低。

敬請依照指示操作

若有以下的情形，請解除「Veg」的設定。

- 擔心茄子等較不耐低溫的蔬菜表面呈現凹陷、變色的情形時。
- 擔心蔬果保鮮室有結露的情形時。

蔬果保存時的訣竅

■ 建議常溫保存的蔬果

- 大蒜、洋蔥、馬鈴薯、番薯和南瓜（整顆）建議保存在陰冷處（室內恆溫且不受陽光直射的地方）。



■ 可能發生低溫傷害的食品

長期放在蔬果保鮮室內，因食品種類而異，可能會發生變色或風味減低的情況。此外，也有可能發生維他命C含量降低，發霉或腐敗的情況。

- 蔬菜…茄子、青椒、小黃瓜、茄子、四季豆、番薯、秋葵等



- 水果…蕉、鳳 梨、芒果、木瓜、酪梨、檸檬等



食用前可先暫放至雪櫃，稍微冰鎮後更好吃。

收納提示

- 收納較少蔬菜時，因為無法保持較高的濕度，請用保鮮膜包裹後再存放。
- 因為蔬果保鮮室的濕度較高，依蔬菜的量及種類不同，可能在置物盒，蔬果保濕裝置及食品表面出現結露的情況。若想避免結露，請使用保鮮膜包裹食品。
- 因食品包裝袋及容器擋住蔬果保濕裝置時，會出現更多的結露情況。請將擋住蔬果保濕裝置的食品包裝袋及容器移放至其他地方。
- 置物盒內若留存水分，食品容易受損，請用軟布將水分拭乾。
- 米、海苔等的乾燥食品收納於蔬果保鮮室時，請裝入密閉的容器（袋）後再放入蔬果保鮮室內。乾燥食品容易吸收濕氣。

通知事項

直立收納空間比其他空間的溫度設定稍高。

各種功能

溫度微調節（冷藏室、冰凍室）

冷藏室和冰凍室的溫度設定可再細分為11個階段。

1 **開啟冰凍室下層門。**

2 **按下操作面板的 MENU 按鍵，顯示燈亮。**

顯示燈全部燈亮後，顯示目前的所有設定。

3 **連續按住 Fridge 按鍵5 秒以上，直到發出嗶聲為止。**

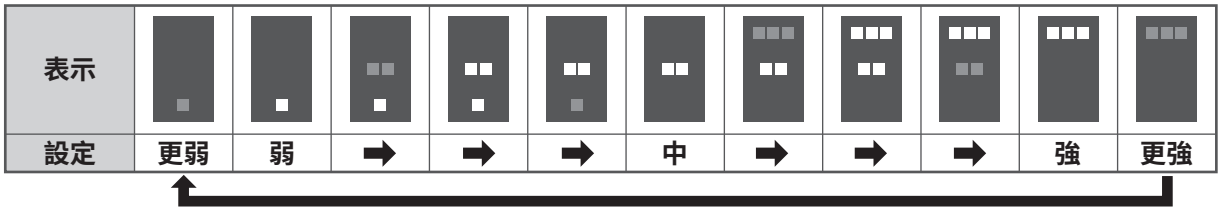


4 **關閉冰凍室下層門。**

5 **按下 Fridge 或 Freezer 按鍵，可調節各室的溫度。**

按下按鍵，如下圖所示依序切換。
平常請設定在「■■」的位置。

（□：燈亮、▒：閃爍、■：熄滅）



解除 **依照1、2、3、4順序操作。**

操作音嗶嗶聲響起，便回到一般的調節（3階段）。

操作面板鎖定

讓操作無效，可防止誤觸操作面板，及避免小朋友亂按。
（操作面板鎖定）的顯示燈亮燈時，即使按壓其他的操作按鍵也無法切換。

1 **按下操作面板的 MENU 按鍵，顯示燈亮。**

顯示燈全部燈亮後，顯示目前的所有設定。

2 **連續按住 Energy Saving 按鍵 3秒以上，直到發出設定音為止。**

操作面板鎖定可切換「開」或「關」。
購買時，操作面板鎖定為「關」（熄滅）的狀態。

操作面板鎖定的設定	「開」（鎖定中）	「關」（解除鎖定）
「」顯示	燈號亮起	燈號熄滅
設定音	嗶—	嗶嗶

通知事項

- **拔除電源插頭再插上時，或停電後恢復供電時，有可能解除操作面板鎖定的設定。**
- **為了省電，顯示燈約40秒即熄滅，但該設定直到解除為止仍持續進行。**

雪櫃門警報器

任何一個門打開1分鐘以上時，會以聲音，燈光來警示雪櫃門處於開啟的狀態。

僅於冷藏室、製冰室及冰凍室下層，設有防止雪櫃門打開之警報功能。(冰凍室上層及蔬果保鮮室則無設置)

雪櫃門的打開時	1分後	2分後	3分之後
警報音	嗶—(3次)	嗶—(5次)	嗶—(連續) 大音量
顯示部分	閃爍	閃爍	閃爍
操作部	燈亮	燈亮	燈亮

通知事項

- 只有在「Save」下，雪櫃門開啟時間達30秒後，門的警報器會發出聲響。但顯示部會在開啟時間1分鐘後閃爍。
- 顯示部閃爍時縱使按下操作部也沒有反應。請將雪櫃門關閉後再進行操作。

雪櫃門警報器及操作音的音量調節

雪櫃門警報器及操作音可設定為更大音量，也可以設定為靜音。

1 按下操作面板的 MENU 按鍵，顯示燈亮。

2 連續按住 Fridge 3秒以上，直到發出設定音為止。

操作音的音量可切換成「標準」「較大」「靜音」。設定的切換依照此順序輪替，請依個人需求切換設定音。(參照下表)
購買時，請設定成標準音量。

音量	標準	較大	靜音	標準
設定音	—	嗶—嗶—	嗶—	嗶嗶

(購買時)

通知事項

- 雪櫃門警報器或操作音，無法只調整任何一方的音量。
- 設定為不發出聲響時，雪櫃門警報器顯示燈的閃爍也會停止。
- 即使音量設定為「靜音」時，「製冰機清潔」的警報器也會發出聲響。→ 31頁
- 當拔除電源再插上插頭時，或停電後恢復供電時，雪櫃門警報音則恢復到原來標準狀態的設定。

三重除臭過濾

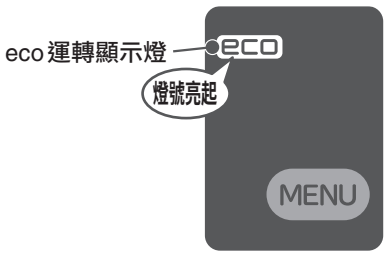
利用三種除臭素材的組合，有效地捕捉並去除雪櫃內含有硫磺系、氮系、醛系、酸系等四大異味分子。此外，也可抑制濾網所捕捉到的細菌活動。
除臭過濾具除菌效果。

- 試驗機關：一般財團法人 紡檢品質評價機構 ● 試驗方法：薄膜密著法 (JIS Z 2801) ● 處理零件名稱：濾網
- 除菌方法：將氧化觸媒塗抹在濾網 ● 對象：濾網所捕捉到的細菌 ● 試驗結果：24小時後達到99%的除菌效果。
  僅為濾網單體的性能。此除菌效果並無法擴及雪櫃整體及在內的所有食品。

省電

eco運轉顯示燈

在運轉安定時 eco 燈號會自動亮燈，表示現在正進行節能源運轉。
減少雪櫃門的開關次數，盡量縮短每次開啟的時間，請做為使用時的參考。



通知事項

eco 無法燈亮時，可能是以下的原因。

- 剛設置完成後，或一次儲放大量的食品時
- 雪櫃門開關次數頻繁時（[雪櫃門開關顯示燈] 亮起）
- 當食品或包裝袋被雪櫃門夾住，及雪櫃門未關緊時
- 設定為「Quick」「Quick Cool」時
- 雪櫃周圍溫度達到35°C以上時

節電模式

設定為節電模式時，將各冷藏室的冷卻調弱，可達到省電目的。

開啟冷藏室門達30秒以上時，冷藏室的LED庫內燈及真空保鮮室內的LED庫內燈之亮度會減弱，藉此告知盡量縮短雪櫃門開關的時間。此外，長時間未開關雪櫃門時，**雪櫃內部會緩慢冷卻，可更加抑制電力消耗**。

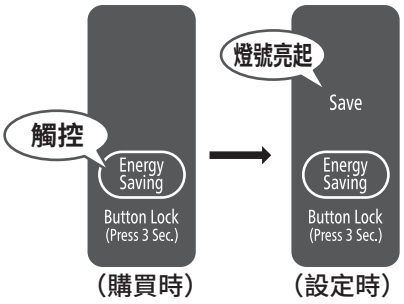
設定時

1 **按下操作面板的 MENU 按鍵，顯示燈亮。**

顯示燈全部燈亮後，顯示目前的所有設定。

2 購買時，設定成節電模式「關」(熄滅) 的狀態。

按下 Energy Saving 按鍵，「Save」燈號亮起。



解除時

1 **按下操作面板的 MENU 按鍵，顯示燈亮。**

顯示燈全部燈亮後，顯示目前的所有設定。

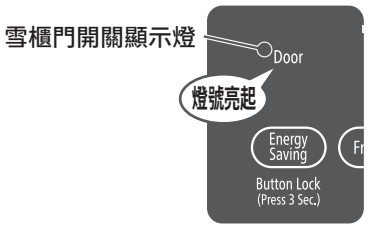
2 **按下 Energy Saving 按鍵，「Save」燈號熄滅。**

通知事項

- **將冷卻轉換為弱的時候，冰淇淋會變軟，可能覺得冷卻程度不夠。此外，冰凍食品有可能會結霜，食品凍結時間及製冰也比一般時間長。**
- 當設定為「Save」時，「Save」的顯示持續亮燈。
- 當在「Save」中，若進行「Quick」及「Quick Cool」的設定時，「Save」的設定會暫時解除。等「Quick」及「Quick Cool」的運轉結束後，會再次恢復至「Save」的設定。
- 「冰凍室」「冷藏室」雙方或任一方的溫度設定在「■」的時候，為了維持各存放室內的食品的新鮮度，冷卻效果則不會轉弱。
- 「Save」與「Veg」同時設定時，冷卻從「Veg」轉成較弱的冷卻效果。 → 23頁

雪櫃門開關顯示燈

當雪櫃門開關次數多時，Door 自動亮燈。
減少雪櫃門的開關次數，盡量縮短每次開啟的時間，請做為使用時的參考。



通知事項

- Door 亮燈後，約5分鐘後自動熄燈。
- Door 亮燈時，eco 燈號熄滅。

保養方法

⚠警告 清潔時，請務必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。

電源插頭 一年一～二次

將電源插頭從插座拔出，以乾布擦拭灰塵等。

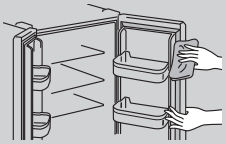


為了防止火災及觸電 → 4頁

雪櫃門密封墊 一個月一次

請以軟布沾溫水擦拭。

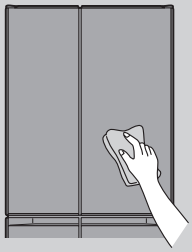
由於此部分易髒，請擦乾淨。



雪櫃門表面 一個月一次

雪櫃門表面請以柔軟的布，沾溫水將污垢擦拭後，再用乾布拭淨。

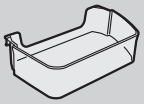
玻璃表面有膠布黏膠殘留時，可以塑膠橡皮擦擦拭後，再用乾布擦拭乾淨。





各層架 三個月一次
置物架

請以軟布沾溫水擦拭。

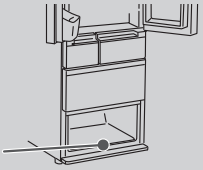


卸除方法請參閱 → 32頁

液體承接處 一個月一次

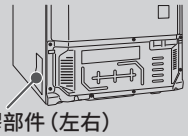
請以軟布沾溫水擦拭。

積聚液體時，請擦拭乾淨。



雪櫃背面、側面、地板 一年一～二次

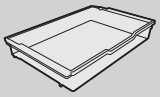
拆除腳座護蓋，將調節腳稍微抬起，把雪櫃往身前方向拉出，擦拭汙垢。



- 背面及側面下方的塑膠部件周圍，由於空氣對流的關係，容易堆積灰塵形成髒污。若為容易刮花的地板，請鋪上保護用板等。
- 若在意雪櫃的震動音，或因濕氣而導致背面牆壁變色或髒汙時，請將雪櫃設置在距離牆壁（**2㎝以上**）的地方。

置物盒 三個月一次

請以軟布沾溫水擦拭。



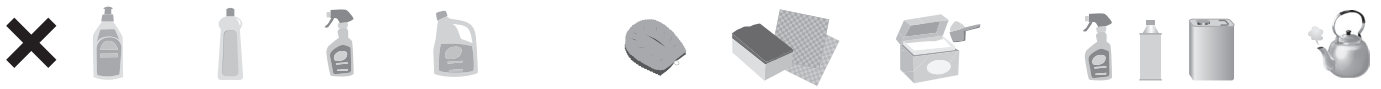
用水清洗蔬果保鮮室的下層置物盒時，請倒置讓水滴乾後，並用乾布充分擦拭乾淨。此外請勿使用牙刷，洗碗刷等長刷毛之刷子清洗。可能會造成置物盒及蔬果保濕裝置破損。

卸除方法請參閱 → 33頁

※請勿用水清洗白金觸媒。

敬請依照指示操作

- 由於可能會造成雪櫃門、塗裝面、塑膠、玻璃面受損或變色，請勿使用以下清潔用品。



鹼性或弱鹼性的廚房洗潔劑（中性除外）、玻璃用洗潔劑、含氯漂白劑

刷子、研磨海綿、化學抹布

研磨粉、粉狀肥皂

去漬油、稀釋劑、酒精

熱水

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、食品液體時，請務必擦拭乾淨。因其可能引起附著處的損傷與變色。
- 因置物盒或滑動櫃的軌道接觸面上塗抹了潤滑劑，保養時請勿擦拭。
- 磁鐵裝飾或是吸盤吸附在雪櫃本體的側面或雪櫃門表面時，有可能會在表面留下痕跡。
- 拔除電源插頭時，操作面板上設定的功能會被解除，請根據需要再次進行設定。

真空保鮮室 一個月一次

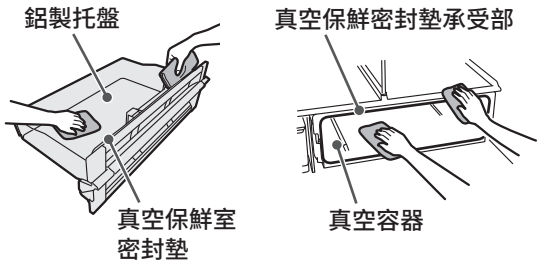
1 拉出真空保鮮盒。

卸除方法請參閱 ➔32頁

請務必先取出原本保存在真空保鮮盒內的食品。

2 以下的零件，請以沾溫水的軟布擦拭。

※ 請勿使用洗潔劑。



敬請依照指示操作

- 空間內的頂部（LED庫內燈的部分），請輕輕擦拭。用力擦拭時可能造成破損。
- 真空保鮮密封墊如果使用溫水以外的洗潔劑，有可能發生破損，變形，變色，無法保持真空狀態。

3 安裝真空保鮮盒。

安裝方式請參閱 ➔32頁

若真空保鮮密封墊鬆了或是接觸不良，則無法維持真空狀態。

真空保鮮密封墊產生嚴重污垢時

1 髒污的部分請以柔軟的海棉等用水清洗乾淨。

※ 請勿使用洗潔劑。

2 以乾布將水擦拭乾淨後自然乾燥。

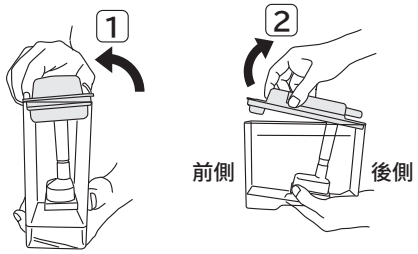
保養方法 ～續前頁～

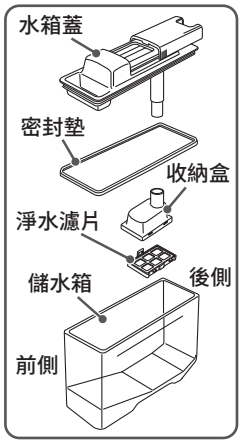
儲水箱 每周一次

1 **取出儲水箱，卸除水槽蓋。**

1 水槽蓋往箭頭指示的方向傾斜。

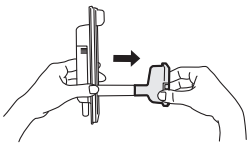
2 將水箱蓋前側往上傾。





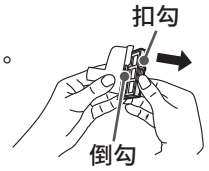
2 **從蓋子處將密封墊及收納盒拆卸下來。**

拉出收納盒從蓋子處拆卸下來。



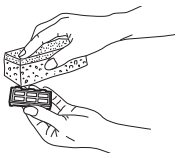
3 **從收納盒將淨水濾片拆卸下來。**

用手指拉住淨水濾片的扣勾，從倒勾處卸下後卸除箱盒。



4 **以水清洗儲水箱各零件。**

以柔軟的海綿等用水洗乾淨。
請不要使用洗潔劑等。

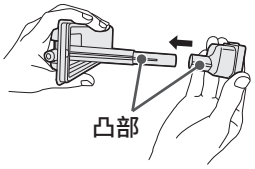


通知事項

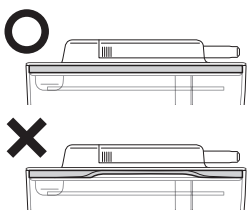
●淨水濾片約3～4年更換一次。➔ 41頁

5 **組裝好儲水箱的各部零件後，加入水後再裝上。**

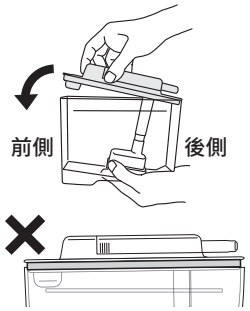
蓋子與箱盒合上凸部後再插入。



請從水箱蓋的後方插入，往箭頭方向關上。



密封墊扭曲變形。



蓋子沒有確實蓋緊。

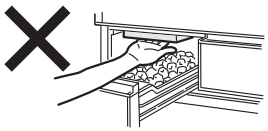
敬請依照指示操作

自動製冰機長期未使用時，請將儲水箱洗淨後，充分乾燥後，再裝入原來的位置。
（特別是淨水濾片請務必充分乾燥）

製冰機清潔 初次使用時 自動製冰機一星期以上沒有使用時

⚠ 警告

請勿將手放入自動製冰機內的零件部分。
（會有受傷的危險）



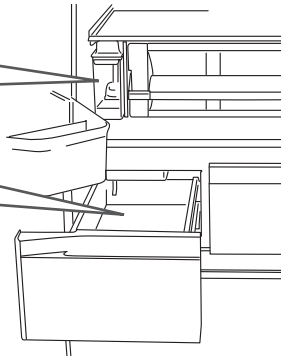
以水來沖洗製冰盤及給水管路。

準備

操作前請確認以下事項。

儲水箱
- 裝水至滿水線。
- 正確安裝於超過儲水槽的位置上。

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。

1 關閉所有的雪櫃門。

2 按下操作面板的 MENU 按鍵，顯示燈亮。

顯示燈全部燈亮後，顯示目前的所有設定。

3 連續按住 Ice Maker 按鍵5秒以上，直到發出警示聲為止。

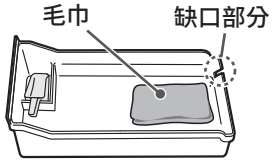
「Quick」「On」「Off」三個顯示燈號同時閃爍時，「製冰機清潔」就開始運作。（約4分鐘）

- 約4分鐘內，顯示燈號會不停閃爍，警報音效也會持續發出。
- 「製冰機清潔」功能運轉時，無法中途停止。
- 「製冰機清潔」功能運轉時，若打開雪櫃任何一個門，則可能無法正常運作。
  製冰機清潔運轉結束前，請不要開啟雪櫃門。
- 即使原本雪櫃門警報器設定為停止的狀態，也會發出聲響 ➔ 25頁



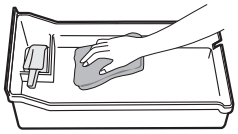
4 警示聲響及顯示燈停止閃爍後，將乾淨的毛巾以塞住製冰盒內部缺口的方式，並鋪在製冰盒的底部。

鋪上毛巾的目的是由於製冰機清潔功能運轉時積在內部的水會從製冰盒缺口流出，
因此鋪上毛巾吸收流出的水。



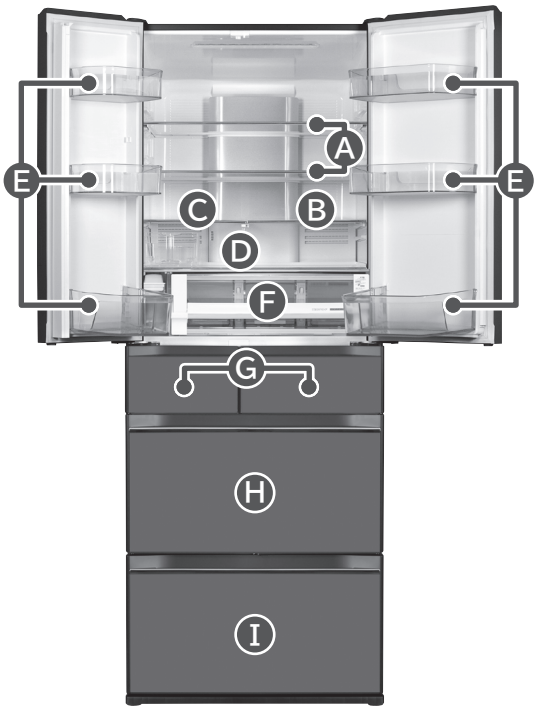
5 將製冰盒拆卸下來，擦拭乾淨積水後重新安裝在製冰室內。

請取出擦拭積水的毛巾。
儲水箱裡剩下的水，還可以繼續使用。
「製冰機清潔」結束後，自動設定回「On」。



卸除組件的方法、安裝的方法

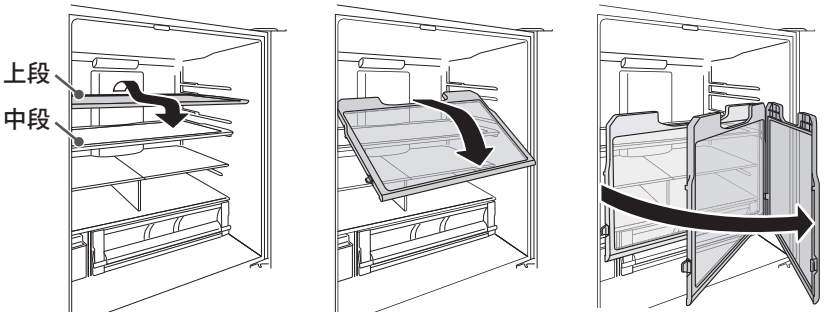
注意事項
- 卸除零件時，請先將放在零件上的食品移除。
- 請勿拆除此處未說明的零件。
  想要卸除說明書上未說明的零件進行清潔等時，請向技術中心諮詢。 ➔ 84 頁
- 請勿拆除真空保鮮室及蔬果保鮮室的白金觸媒。並且請勿以水沖洗。



Ⓐ 可調式層架上段、中段

敬請依照指示操作 卸除層架時，請先卸除上層再卸除下層。
安裝層架時，從下面的層架開始安裝。

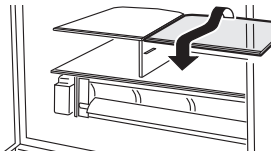
1 把層架內側稍微抬高，往前拉出。 **2 如圖示將棚架直立。** **3 讓其迴轉後拆除。**



注意事項 因玻璃層架較重，安裝及卸除時請特別小心。掉落時可能會被撞傷或是因破裂而被刮花。

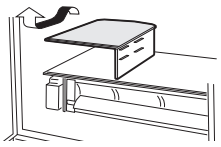
Ⓑ 可調式層架下段

稍微抬高並取下。



Ⓒ 固定層架

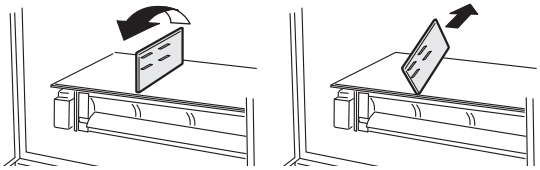
一邊壓著棚架一邊將層架內側稍微抬高，往前拉出。



這時請先將可調式層架下段拆卸下來。

Ⓓ 棚架

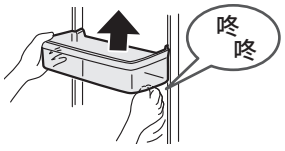
1 扶住後側並讓其迴轉。 **2 一邊往後壓，一邊拆卸取下。**



Ⓔ 雪櫃門置物架

一邊輕敲底部左右，一邊提高便可卸取。
（牢固地固定）

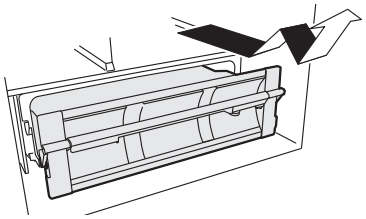
注意事項 安裝時，請確實安裝至最後面。
如安裝不牢固就會掉落，可能會受傷。



Ⓕ 真空保鮮盒

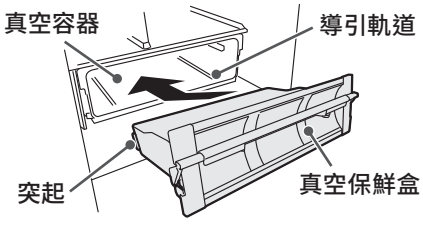
卸除方法

拉出真空保鮮盒，輕輕拿起前面，斜斜的拉出。



安裝方法

讓真空保鮮盒的左右突起順著真空容器的導引軌道滑動推入。
最後再將把手往下扳到底鎖住。

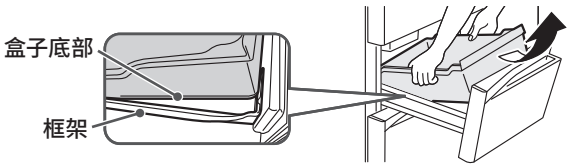


敬請依照指示操作 安裝好後請試著拉出推進幾次，確認是否安裝正確。

Ⓖ 製冰盒（製冰室）、上層冰凍盒（冰凍室上層）

打開門，向前方取出。

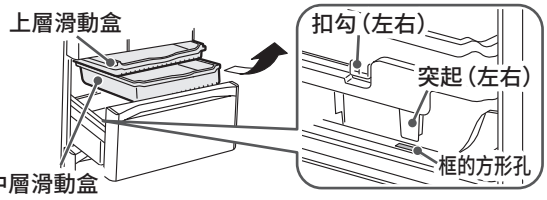
安裝時，請將盒子底部裝載在框架上。



Ⓗ 中層滑動盒、下層冰凍盒（冰凍室下層）

1 打開門後，拉出中層滑動盒。

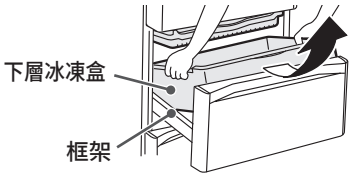
注意事項 ●上層滑動盒無法拆卸。



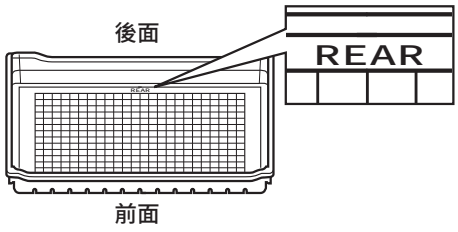
安裝時，請將下層冰凍盒的左右突出部分，插入門框兩旁的洞固定。
另外也請將中層滑動盒兩旁的扣勾插入下層冰凍盒的外側固定。

2 將下層冰凍盒往前抬起。

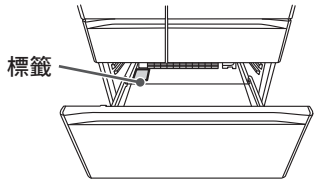
注意事項 ●隔板無法拆下。



●中層滑動盒請安裝至後面寫著「REAR」文字的地方。
若安裝不正確，會造成雪櫃門開關時的異常聲音及雪櫃門無法關緊。

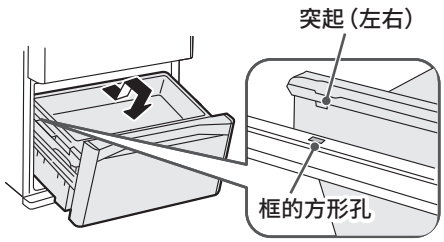


注意事項 ●請勿撕開標籤。

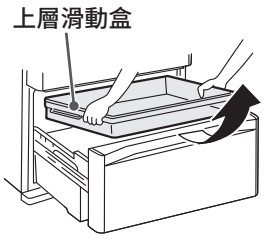


Ⓘ 上層滑動盒、下層置物盒（蔬果保鮮室）

1 將雪櫃門往身前打開，手持兩端往上抬起，慢慢往拉出，放在地板上。



2 將上層滑動盒拉起。



3 下層置物盒朝身體方向往上抬起。

注意事項 ●隔板無法拆下。



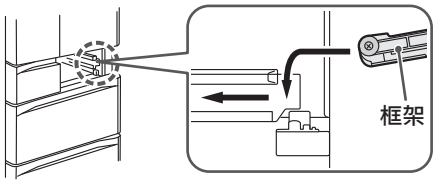
注意事項
●開門時請留意勿將腳靠近雪櫃門。腳有可能被門夾傷。
●請注意，積水可能會從下層置物盒背面流出。

若安裝不正確，會造成雪櫃門開關時的異常聲音及雪櫃門無法關緊。

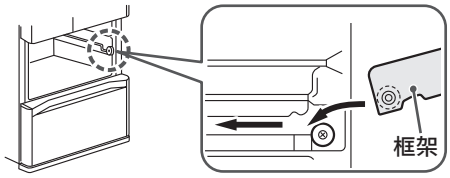
通知事項 ●若上層滑動盒未正確安裝時，可能導致滑動盒的零件破損。
安裝後，請試著將上層滑動盒前後滑動，以確認是否安裝正確。

拉取式門的安裝方法（製冰室、冰凍室上層、冰凍室下層、蔬果保鮮室）

製冰室、冰凍室上層



冰凍室下層、蔬果保鮮室



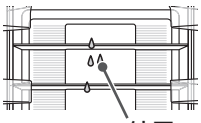
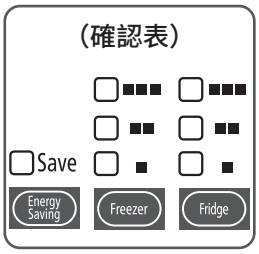
遇到問題時

在委託修理之前，請再次檢查以下幾點。若仍無法解決時，請聯絡購買的經銷商或敝公司技術中心。→ 84頁

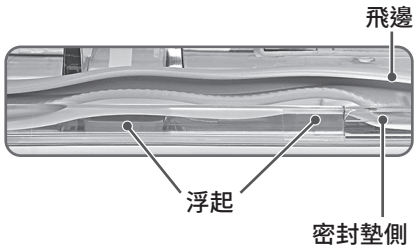
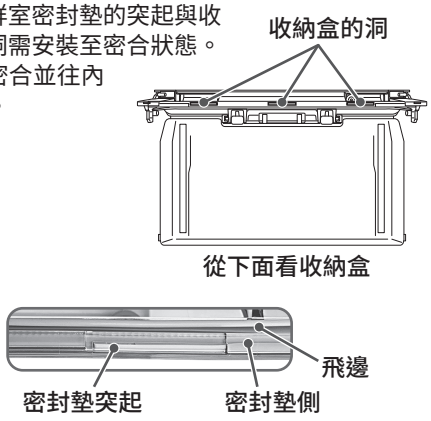
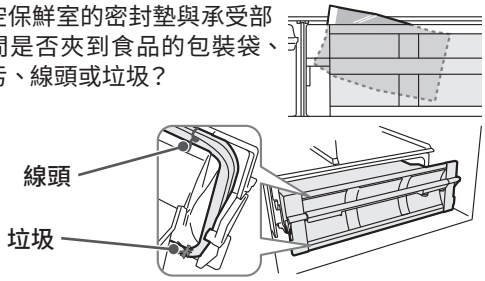
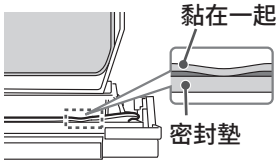
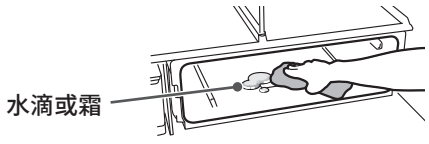
	問題描述	請確認	請依照指示這樣做 / 理由
初次使用時	**不冷**	設置好後是否未達24小時？	設置後至完全冷卻需24小時。存放食品間請保留間隙，並儘量減少雪櫃門開關次數，並耐心等待。 此外，在夏天及食品大量存放時，至完全冷卻需更多時間。
	無法製冰	設定後是否未達24小時？	設定後，因雪櫃未完全冷卻，到可以製冰需要24小時以上。存放食品間請保留間隙，並儘量減少雪櫃門開關次數，並耐心等待。
操作面板	**操作面板無反應**	顯示部 🔒 的顯示燈是否亮起？ 操作面板設定為鎖定。	請解除操作面板鎖定之設定。 → 24頁
		冷藏室門開著嗎？	請關上後再操作。
		操作面板是否有水滴或是污垢？	以沾濕的布將髒污擦掉後，再以乾布擦乾。
		戴著手套或貼著藥水膠布嗎？	請直接用手指按。
		是否碰觸到周圍的操作面板？	請只碰 觸想要操作的操作面板。
	操作面板顯示燈未亮起	———	操作結束後，為省電，40秒後燈號會熄滅。 → 12頁 若要使顯示燈號亮起，請按 MENU 按鍵，或打開冷藏室門。
不冷	**不夠冷 冰淇淋變軟**	食品或袋子是否被夾住，雪櫃門未關緊？	請除去被夾住的食品，確實關緊雪櫃門。還有收納的時候請注意食品存放的高度限制。
		是否塞入過多食品，一次放入了大量的食物呢？	食品間請保留間隙存放。
		各存放室的盒子是否確實地安裝？	請正確安裝好。 → 33頁
		依雪櫃的設置場所及空隙、 周圍狀況等，有可能會有不容易冷卻的情形。	請確認是否已正確安裝。 → 8頁
		是否設定為節電模式？	請解除節電模式的設定。 → 26頁
		是否溫度設定在「■」？	在不太容易降溫的地方，請變更溫度設定。 → 13頁
		在夏季等，雪櫃周圍的溫度高嗎？	
		是否長時間開啟雪櫃門，或頻繁地開關雪櫃門？	雪櫃門打開時，雪櫃內的溫度會逐步上升。頻繁地開關或是長時間打開雪櫃門的話，雪櫃內的溫度會難以下降。請盡量縮短開關的時間並減少雪櫃門的開關次數。
		操作面板的顯示是否依次改變？	由於設定為店面專用模式，請解除此設定。 → 36頁

	問題描述	請確認	請依照指示這樣做 / 理由
自動製冰	無法製冰	「Off（製冰停止）」的顯示燈號有亮起嗎？設定到停止製冰了。	請設定為「On」或「Quick」。 → 18、19頁
		「Water」的顯示燈號有亮起嗎？是否儲水箱的水變少了？	請加水至儲水箱裡。 → 18、19頁
		儲水箱的水變少了嗎？	若水量變少則可能無法製冰。請試著加水至儲水箱的滿水線。 → 18頁
		儲水箱是否確實推入內部並超過「水槽安裝位置」線？	請將儲水箱確實推入內部並超過「水槽安裝位置」線。 → 18頁
		製冰盒中是否放入冰塊以外的東西？	請從製冰盒中取出。
	一直無法製冰	冰塊是否部分超出滿冰線？	請將冰塊整平。 → 19頁
		是否頻繁地打開雪櫃門，一次存放了大量的食物呢？	雪櫃內無法充分冷卻。在雪櫃內充分冷卻前，請盡量減少開關雪櫃門。存放食品間，請保留間隙。
		是否雪櫃周圍的溫度變低？	冬天，到可以製冰需要4小時以上。請儘量減少雪櫃門開關次數，並耐心等待。
		是否剛從「Off（製冰停止）」改為「On」的設定？	剛變更設定後，可能需要更多時間。請儘量減少雪櫃門開關次數，並耐心等待。
		食品或袋子是否被夾著，冰凍室或製冰室門是否未關緊？	請除去被夾住的食品，並確實關緊雪櫃門。
		是否設定為節電模式？	請解除節電模式。 → 26頁
	冰塊有凸起	———	製冰盤溝槽裡有凍結的積水。非異常狀況。
	所儲存的冰塊變圓冰塊互相粘在一起	是否堆積了原本舊的冰塊？	舊的冰塊會變小，且會粘在一起。若只用冰剷就能將冰塊分開的話，就沒有什麼問題。
		是否頻繁地開關雪櫃門，一次存放了大量的食物呢？	請盡量迅速開關雪櫃門，並減少開關的次數。
		冷藏室門或拉取式門是否未完全關緊？	關雪櫃門時，請確實關緊。
	製成的冰塊變小	是否儲水箱的水變少了？	當剩餘的水變少時，製冰機可能會製出較小塊的冰塊。請加水至儲水箱的滿水線。 → 18頁
	製成粘在一起的冰塊	———	製冰盤溝槽裡有凍結的積水並與結成的冰塊互相粘在一起。非異常狀況。
	冰塊裡出現白色混濁	———	因水中的氣泡被封在冰塊裡了。
		是否使用礦泉水製冰嗎？	水中的礦物質結凍造成變白且混濁，食用上則無問題。
	不進行製冰時	———	請設定成「Off（製冰停止）」。請參考「不製冰（製氷停止）」。 → 19頁

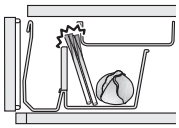
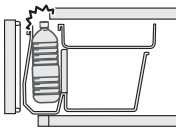
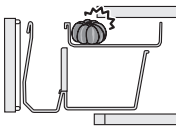
遇到問題時 ～續前頁～

	問題描述	請確認	請依照指示這樣做 / 理由
結霜或結露	雪櫃內及滑動盒的框架上出現結霜、結露及結冰	冷藏室門或拉取式門是否未完全關緊？	關上滑動盒或雪櫃門時，請確實確認是否夾到食品或包裝袋，請確實關緊。
		是否長時間開啟雪櫃門，或頻繁地開關雪櫃門？	當雪櫃門開關時，可能因空氣中的水分變成霜、冰，凝結在冰凍室的壁面或零件上。請盡量迅速開關雪櫃門，並減少開關的次數。此時請以乾布將霜、露水擦拭乾淨。
	雪櫃的外側結露	雪櫃周圍的濕度是否過高？	下雨天等室內濕度高時可能產生結露。此時請以乾布將露水擦拭乾淨。
		溫度是否設定在「■■■」？	溫度設定為「■■■」時，雪櫃門表面可能會有結露情形。 請將溫度設定為「■■」。 請以乾布將露水擦拭乾淨。 → 13頁
	雪櫃背面及牆壁結露	是否雪櫃周圍的濕度變高、雪櫃背面和牆壁間的間隙變小？	請和雪櫃背面距離2cm以上。 → 8頁
	冷藏室中結露	是否長時間開啟雪櫃門，或頻繁地開關雪櫃門？	雪櫃門的開關次數頻繁時，或雪櫃周圍溫度高時，壁面會起霧及在冷氣出風口附近結露。非故障狀況。此時請以乾布擦拭乾淨。  結露
操作面板燈號閃爍	「Save」及冰凍、冷藏的溫度調節燈號有三個以上正在閃爍	「Save」、冰凍及冷藏「■■■、■■、■」共七個燈號正在閃爍，請逐一關上顯示燈號並進行確認。	點請將閃爍的燈號做上☑記號並與顧客諮詢窗口聯繫。 → 84頁 請詳細紀錄並正確傳達給客服窗口。 
	Ice Maker「On」、Freezer「■■■、■」及Fridge「■」燈號閃爍時	在製冰室內除了自動製作的冰塊之外，是否放入其他的食物或冰塊？	有可能是食品等碰到製冰盤。請先將製冰室內清空，再操作「製冰機清潔」。 → 31頁
	「Quick」、「On」、「Off」之顯示燈全部呈現閃爍狀態	是否觸按 Ice Maker 按鍵長達5秒以上。	正在進行製冰機清潔。約4分鐘後燈號的閃爍就會停止。 顯示燈閃爍時，請勿打開雪櫃門。
	全部的顯示燈號閃爍	是否雪櫃門開啟中？ 是否雪櫃門夾住食品，或未確實關緊？	若雪櫃門為開啟狀態，請關上雪櫃門。 若雪櫃門夾住食品或未確實關緊，請除去被夾住的食品，並將雪櫃門確實關緊。
	閃爍的燈號不停變換	——	由於設定為店面專用模式，請解除設定。 店面專用模式時，無法進行冷卻運轉。 打開冷藏室門（左右）、冰凍室下層門。 按下操作面板的 MENU 按鍵，顯示燈亮起。 連續按下 Freezer 按鍵10秒以上，直到發出嗶嗶聲響。 數秒內所有的顯示燈號亮起，店面專用模式即解除，冷卻運轉開始。 關閉冷藏室門（左右）、冰凍室下層門。

真空保鮮室的問題

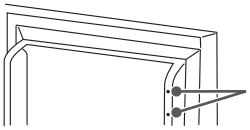
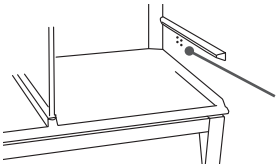
問題描述	請確認	請依照指示這樣做 / 理由
打開時未發出“咻—”的聲音 	真空保鮮室是否設定為「Off」？	請將設定改為「On」。 → 17頁
	把手是否向上翹著？	請將把手往下押並鎖定。
	把手是否有推到最後面的位置並確實鎖定？	若未鎖定，則無法啟動真空功能。 請將真空保鮮盒推到底，並將把手往下壓確實地鎖緊。
	真空保鮮密封墊是否脫落？ 密封墊是否剝離浮起？ 	真空保鮮室密封墊的突起與收納盒的洞需安裝至密合狀態。 密封墊密合並往內推到底。 
	真空保鮮室的密封墊與承受部之間是否夾到食品的包裝袋、髒污、線頭或垃圾？ 	若食品包裝等異物被夾住時，請除去異物。 如果真空保鮮密封墊出現髒污，請加以清理。 → 29頁
	密封墊是否黏在一起？ 	密封墊若黏在一起則無法維持真空狀態。若發現黏在一起，請將之撕掉。 → 32頁 從左右及下面較難看出，請將真空保鮮盒取出後再檢查確認。 如果真空保鮮密封墊出現髒污，請加以清理。 → 29頁
	是否在真空保鮮室或冷藏室門開關之後？	真空泵啟動後，至達到真空狀態約需3～4分鐘。 開關後，請等待4分鐘以上。
不知道是否已在真空狀態	打開真空保鮮時，是否發出聲音？	打開時若有“咻—”聲音出現的話即為正常。
把手無法上鎖	真空保鮮密封墊及真空保鮮盒裡是否有食品等異物被夾住呢？	若有被夾住的情況，請除去異物。
	是否正確地安裝真空保鮮盒？	請依照「安裝方法」所指示安裝真空保鮮盒。 → 32頁
真空保鮮室的周圍發出“噗”的聲音和震動	———	是真空泵的運轉聲音。 如夜間等介意有聲音的話，可以停止真空泵的運轉。 真空保鮮室請變更設定為「Off」。 → 17頁
	真空保鮮盒是否夾住異物，或真空保鮮室的密封墊髒了？ 是否已將把手往下推押到底，並確實地鎖緊？	可能頻繁地發出聲音及震動。 若食品包裝等異物被夾住時，請除去異物。請清洗髒污的真空保鮮密封墊。 → 29頁 請將把手往下推押到底，並確實地鎖緊。
真空保鮮室的內部或真空保鮮盒的周邊有水滴或結霜、結冰	是否存放了含水多的食物？ 	由於真空保鮮室為密封狀態，若存放水分較多的食品時，水會凝結成露水或結霜。 水分較多的食品建議先以保鮮膜包裹後再放入。 若附著了水滴或結霜，請以軟布用溫水擦拭。

遇到問題時 ～續前頁～

問題描述		請確認	請依照指示這樣做 / 理由
蔬果保鮮室的問題	**蔬果保鮮室中結露**	是否存放了大量含水多的蔬菜？	因為蔬果保鮮室比其他保存室的濕度高，會因蔬菜的存放量及種類，而在蔬果保鮮室的頂部、食品的表面產生結露的情形。非異常狀況。若在意結露的情形，建議將食品先以包鮮膜包裹後再放入。此外，結露變多時，蔬果保鮮室的存放盒內可能會積水。請以乾布將積水擦拭乾淨。
		蔬果保濕裝置是否被食品的外袋或容器所阻塞？	蔬果保濕裝置一旦被阻塞，就容易發生結露。請將阻塞在蔬果保濕裝置的食品外袋或容器移至他處。請以軟布將結露擦拭乾淨。
	蔬果保鮮室門無法關閉、蔬果保鮮室門開啟時上層滑動盒無法回到鎖定的位置	上層滑動盒與下層置物盒間是否夾有食品等異物？ 	請除去被夾住的異物。
		是否有寶特瓶或食品碰觸到上層滑動盒的把手？ 	存放時請勿讓寶特瓶或食品碰觸到把手。
		是否有食物等異物被夾在上層滑動盒及蔬果保鮮室上方間？ 	請除去被夾住的物品。 此外，請勿在食品接觸到蓋子的狀態下，硬將雪櫃門關上。
雪櫃門高低不平衡以及歪斜	**左右雪櫃門高低不平衡 雪櫃門歪斜**	設置的地點是否呈水平？	性能上沒有問題，可以照舊使用，但若介意的話，可嘗試調整左右的調整腳看看。 → 8頁
		是否由於地板材質太軟再加上儲放物的重量使雪櫃腳下沉？	雪櫃傾斜的時候，請鋪上厚度1cm以上的堅固板子。
有異味	**有塑膠味**	———	由於雪櫃內使用了較多的塑膠零件，完全冷卻後味道自然會不見。非異常狀況。
	冰塊有異味	儲水箱、淨水濾片髒了嗎？冰塊放太久了嗎？	為了防止「發黏」「水垢」，請定期清洗。 → 30、31頁
		———	由於自來水中的氯元素凝縮，氯的氣味變的較重。
	雪櫃內有異味	是否直接地存放了氣味重的食品呢？	除臭功能無法完全去除掉所有的氣味。 請用保鮮膜等密封後存放。

問題描述		請確認	請依照指示這樣做 / 理由
太冷	太冷 凍結	溫度設定過「■■■」了嗎？	請設定為「■■」。 → 13頁
		周圍溫度是否降至5℃以下呢？	周圍溫度過低時，可能會影響雪櫃內溫度過冷。請將溫度設定為「■」。
		是否放在冷氣出風口的前方？	請勿放在冷氣出風口前。 加蓋或以保鮮膜包裹可以防止食品結凍。
雪櫃變熱	雪櫃的側面發熱 從箱腳底下吹出 暖風	———	為了讓冷卻裝置運作時，往外排出的熱氣造成發熱的狀態。剛安裝好後或是夏季，有可能達到50 ～ 60℃。安全及性能上沒有問題，但請勿以手觸摸。
聲音不對	雪櫃發出嘈雜聲音	地板是否彎曲了？	請鋪上厚度1cm以上的牢固板子後，再將雪櫃安裝於板子上。 → 8頁
		雪櫃是否靠著牆或家具？	雪櫃周圍請空出間隙再行安裝。
		雪櫃是否充分冷卻？	購買後、剛開始使用等雪櫃尚未完全冷卻時、雪櫃門開關頻繁及周圍的溫度較高時，由於壓縮機高速運作，可能感覺聲音較大。
		是否設定為「Quick」或是「Quick Cool」？	設定在「Quick」及「Quick Cool」時，壓縮機及風扇馬達會加速運轉，聲音會變大。
	運轉聲長	———	因處於節能運轉狀態，壓縮機運轉較慢，因此運轉聲音可能持續較久。
	有時聲音變大	———	因應雪櫃內的溫度變化，變更運轉強度，也會感覺到較大的聲音。
	其他 若聽到這種聲音時	像流水的聲音（楸囉楸囉） 像碰撞的聲音（叩吱叩吱） 像沸騰的聲音（啵啵啵） 像燒烤的聲音（唧—）	是雪櫃的雪種流動聲、除霜時的水流聲或是蒸發的聲音。 當打開冷藏室門時，裡面也可能發出聲音。非異常狀況。
		像摩擦的聲音（啤唏）	是雪櫃的溫度變化時，或真空保鮮室的氣壓變化時，零件的摩擦聲。非異常狀況。
		像什麼被卡著的聲音（嗑嗑） 像低鳴的聲音（噗—）	是雪櫃內控制溫度的電氣零件運轉聲音。 非異常狀況。
		自動製冰機的聲音 （啾—） （嘎啦嘎啦） （咯嘣咯嘣）	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。 非異常狀況。 當不需製冰時，按下 Ice Maker 按鍵，使其顯示為「Off」就不會發出聲音。 → 19頁
		時常有的聲音（卡嗒卡嗒）（機哩機哩）	為了冷卻雪櫃而開始或結束運轉的聲音。 非異常狀況。

遇到問題時 ～續前頁～

	問題描述	請依照指示這樣做 / 理由	
其他	**觸碰到雪櫃會感到微量的電流**	雪櫃會帶有靜電，安全上則沒有問題。	
	電視機、收音機等發生雜音、映像的混亂	是由於受到從雪櫃發出的微弱電磁波的影響。 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。	
	塑膠零件上有像刮痕一樣的細線	是塑膠成型時發生的樹脂流痕。透明的部件會特別顯眼，但強度上沒有問題，不會破裂。	
	雪櫃門面或側面、頂部有波紋或歪扭	雪櫃的製造工程上，會產生些微的波紋或歪扭。 根據光線照射方向及亮度等會顯得刺眼，非異常狀況。 另外在性能上也沒有問題。	
	雪櫃門內側或冷藏室側面有小的洞	雪櫃製造過程中，當填充斷熱材料時為了讓內部的空氣往外散出所製成的洞。 非損傷也非異常情況。  洞（雪櫃門內側）  洞（冷藏室側面） ※ 依商品不同，可能會貼有貼紙，使用時請勿將貼紙撕下。	
	停電了	到恢復供電之前，請減少雪櫃門的開關，也避免放入新的食品。 恢復供電後，請確認操作面板的設定。	
	長時間未使用雪櫃	請將雪櫃內的東西全部清出。 請先將電源插頭拔除，再進行雪櫃內自動製冰機的清潔。 → 28～31 頁 請打開所有的雪櫃門使其乾燥２～３天。	
	除霜	此雪櫃會自動除霜，不需要特別操作。溶解的水會滴在蒸發盤上，自動蒸發。	
	移動、搬運	請參閱「移動、搬運的事前準備（搬家時）」。 → 41 頁	
	玻璃破裂（雪櫃門玻璃、玻璃層架）	請勿觸碰破碎的玻璃，並立刻聯絡購買的經銷商委託修理。	
	關閉雪櫃門時，其他雪櫃門自動開啟	是否因關雪櫃門時用力過猛呢？ 由於各冷藏室的冷氣通路是相通的，可能因為關閉雪櫃門時的風壓而導致其他雪櫃門瞬間開啟。	
	雪櫃門關上後想再打開時，感覺很重	雪櫃門是否長時間處在開啟狀態呢？ 由於雪櫃內空氣瞬間被冷卻，短時間內壓力變低所造成的狀況。 請勿長時間打開雪櫃門，並盡量縮短開關的時間。	
	特別在意震動音，因濕氣而導致背面牆壁變色、髒污時	請將雪櫃安裝在距離背面牆壁（**2 cm**以上）較遠的地方。 → 8 頁	
	小蒼蠅等昆蟲飛入雪櫃時	周圍是否有蒼蠅？	敬請保持周邊環境乾淨。 請放置蒼蠅忌避物品或補蠅器。
		雪櫃內是否存放氣味強烈的食品？	為了避免氣味吸引蒼蠅，請將食品加蓋或以保鮮膜包覆。
		雪櫃門是否長時間開啟？	請盡量在拿取食品後馬上關上雪櫃門。

移動、搬運的事前準備（搬家時）

1 **將食物及冰塊取出。**

2 **將儲水箱、製冰盤的水倒掉。**
拆下儲水箱並進行製冰機清潔。→ 31頁

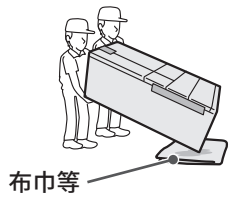
3 **拔除電源插頭。**
要搬動之前拔除即可。

4 **拆除腳座護蓋，將調整腳升高。**→ 8頁

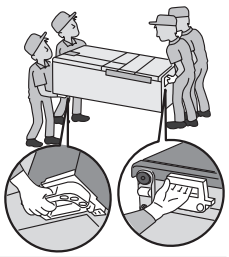
5 **以膠布將雪櫃門、電源線固定。**

6 **移動、搬運時請鋪上保護用的鋪墊或布。**
防止刮花地板、或雪櫃內部積水溢流至地板。

7 **在地板上鋪上鋪墊或布，將雪櫃往後傾倒，讓內部的水倒出。**



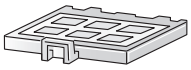
8 **搬運時請握住搬運把手搬運，並請2人以上進行搬運。**
運輸時請勿將雪櫃橫放。
（雪櫃故障的原因）



9 **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、9頁

另購零件

■ 以下零件更換時，請務必向經銷店指明雪櫃的型號，購買專用的零件。

另購零件時	商品名	型號	商品型號	
冰塊有味道時 可能淨水濾片老舊、髒污。 （約3～4年更換一次）	自動製冰用淨水濾片	全機種通用	RJK-30	

－MEMO－

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SAFETY SUGGESTIONS

Please 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 notes are categorized and explained by the following symbols according to the hazard level in terms of harm and material damage that may occur from ignoring suggestions and not using correctly.

⚠ 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.

■ Suggestions are indicated and categorized by the following symbols accompanied by explanations. (The symbols below are examples)

⚠	This symbol indicates "Warning and calling attention".
⊘	This symbol indicates something you must not do. (Prohibited)
❗	This symbol indicates something you must do. (Compulsory)

■ This refrigerator uses flammable refrigerants. The symbol column below states the precautions on flammable refrigerants.

R600a	This symbol denotes the precautions on flammable refrigerants.

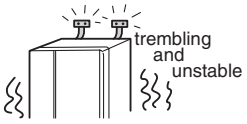
⚠ WARNING

Installation

❗

● **Take measures to prevent overturning of refrigerator due to earthquake, etc.**

• Overturning of the refrigerator could result in personal injury.





Wetting Prohibited

● **Do not install the refrigerator in damp places or where water may adhere to.**

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



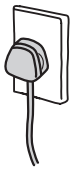
● **Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.**

Handling the power and power cable

⊘

Prohibited

● **Avoid usage that may cause the wall outlet or power cord components to work beyond their specified electric current.**
Also do not use power sources that are not a rated AC voltage.

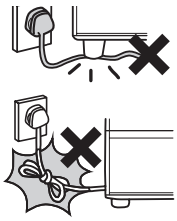


If a power source is shared with other appliances, double or multipoint adapters may heat up beyond normal levels and cause fire.

• Use a wall outlet rated above 10 ampere by itself.

● **When positioning the appliance, ensure the supply cord is not trapped or damaged.**

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, pressed by the refrigerator, or be bound or tied up.

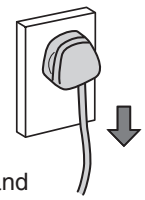


Using a damaged power cord may cause electric shock, short circuits, or fire.

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

❗

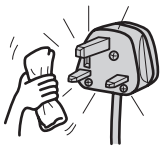
● **Connect the power plug firmly to a power outlet with the cord downwards.**



• Connection of the power plug with the cord running upwards could apply stress on the cord and cause electrical short circuit or overheat, resulting in electrical shock or fire.

• Incomplete connection of the power plug could result in electrical shock or fire due to heat.

● **Clean the dust on the power plug frequently.**



Insulation failure from moisture from the dust collected on the power plug may cause fire.

• Unplug the power plug and wipe it with a dry cloth.

⚠ WARNING

Handling the power and power cable


Wet Hands Prohibited

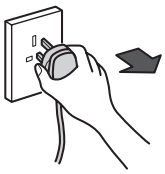
● **Do not insert or remove the power plug with wet hands.**
• This may result in electric shock.



● **This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.**



● **Be sure to unplug the power plug before doing maintenance to the refrigerator.**

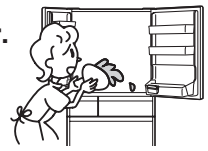


Continued use may cause electric shock or injury. → Pg.68
• Always hold the plug when unplugging it.

During use


Wetting Prohibited

● **Do not splash water on or inside the refrigerator.**
• This may impair electrical insulation causing electric shock or fire.

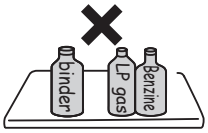


● **Do not put water containers on top of the refrigerator.**
• Spilled water may impair insulation of electrical components causing faulty electrical currents. This may result in electric shock or fire.




Prohibited

● **Do not put in items that may catch fire**
• Benzine, ether, LP gas, thinner, adhesives may ignite an explosion.

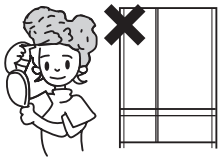


● **Drugs, chemicals, research and experimental substances should not be stored in the refrigerator.**
• Substances that require precise conditions for storage cannot be stored in a domestic refrigerator.



● **Do not store dry ices in the refrigerator.**
• It might explode if sealed.

● **Do not use flammable sprays near the refrigerator.**
• Sparks from points of electrical contact such as door switches may ignite a fire.



● **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.



● **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.



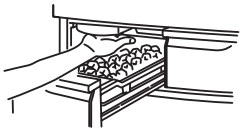
● **Do not remove the cover of the interior lamp.**
• When the interior lamp is damaged, please contact the service centre to replace it so as to avoid injury.

● **Do not add impact to the glass door.**

● **Do not put too much force on the door by opening it too much or leaning on the opened door.**


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.





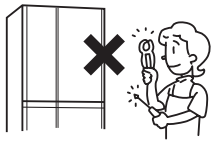
● **Children should be supervised to ensure that they do not play with the appliance.**

⚠ WARNING R600a

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

Prohibited

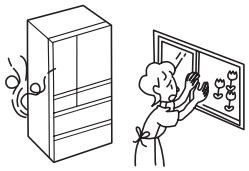
● **Do not scratch or damage the main body of the refrigerator with a sharp object such as screw.**
Since the refrigerant used is flammable, any leakage from the pipe inside the wall may cause ignition and explosion.



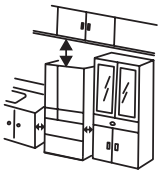
● **Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.**

● **Do not use electrical appliances inside the refrigerator.**
・If the refrigerant leaks, sparks on the contact may 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 the authorised service centre.



● **Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.** → Pg.48
Leakage of the refrigerant may accumulate and cause ignition and explosion.



● **Please consult your dealer or the Recycle Hotline of the Recycle Centers in the Environmental Protection Administration when discarding the unit.**
If the refrigerant leaks, it may cause ignition and explosion.



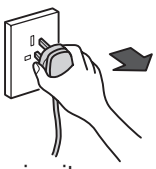
R600a

● **The warning label and name plate including this symbol affixed on compressor and refrigerator should be kept throughout the life of the refrigerator.**

● **Handling, service, disposal and installation of used flammable refrigerant shall be done by Hitachi authorized service companies or service personnel only.**

In case of emergency

● **Stop the refrigerator by unplugging it if it is not running properly or breaks down.**
Continuous running 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 gas leak, do not touch the refrigerator and open windows to allow ventilation.**
・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 recycling, remove the door gaskets to avoid the risk of an infant or child being entrapped inside.**

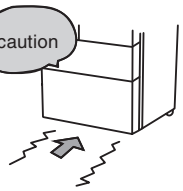


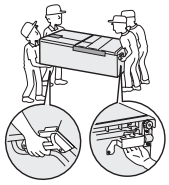
⚠ CAUTION

When moving the refrigerator

Prohibited

- **Do not move the refrigerator by using its wheels as it may damage the floor.**
  - Please lay a protective mat.
- **Never hang the handle with a crane, etc.**
- **Be careful not to knock the back/sides of the refrigerator.**





- **Use the carrying handle when carrying it.** Your hands may slip resulting in injury if you hold the refrigerator at other places other than the carrying handles.
  - More than 2 persons should carry the refrigerator for safety reasons.
  - Carry it with the door facing upward; as shown in the illustration.
  - Use a tape to fix an electric plug/power cord so that it will not hang down.

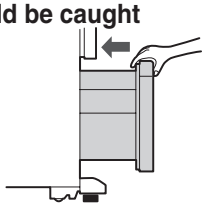
During use

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.



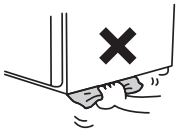
- **Do not put the glass bottles in the Freezer Compartment.**
  - Bottles may break from the contents freezing and cause injury.
- **When opening or closing a door while the adjacent door is left open, exercise caution lest your hand or a finger should be caught between the opened doors.**
- **Do not close a door with other than the handle.**



- **Do not put your feet too close when opening the bottom door of the refrigerator.**
  - You may hit the instep or other parts of your feet resulting in injury.



- **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.



- **Do not give a hard impact to the glass shelf. (The glass shelf may be broken, causing personal injury).**
- **Do not have food items protruding over the front of the shelves.**
  - Injury may be caused from items like bottles getting knocked over.
- **Do not open or close the door with force. (Doing so may cause food to drop)**
- **Do not open or close a door while other person is using the refrigerator.**
- **Do not open or close a door of the Refrigerator Compartment while holding the handle of the drawer.**



- **Do not touch the food and containers inside the Freezer Compartment with wet hands.**
  - This may cause frost injury. (Especially in the case of metal items)
- **Do not eat food that smells strange or has changed color.**
  - Spoiled food may cause serious sickness.
- **Neither heat the glass surface of the glass shelf nor put a hot item on it.**

⚠

- **To prevent water from dripping on the floor.**
  Water due to dew and/or frost may drip on the floor if there is a gap clearance around the door for a long time. Close the door completely without no gap.
- **When opening and closing a door while other door is opened, be careful lest your finger or hand should be caught between the opened doors.**
- **Take care when removing the glass shelf because it is heavy.**
- **When you hear an abnormal sound or find abrasion powder during the opening or closing of a door, stop using the refrigerator and call for inspection.**

BEFORE USE

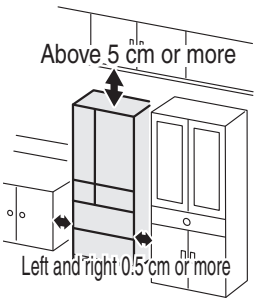
Preparation before use

1 Please arrange it as shown below.

- The floor should be sturdy and flat.
  Lay a board with 1cm thickness on the floor if the refrigerator is installed on the carpet, tatami mat, flooring or PVC sheet flooring which may be hollow or discolor.
- Place the refrigerator away from direct sunlight and heat.
  This will reduce adverse effects to refrigerating power and keep electricity cost down.
- Do not place it in damp areas, and ensure good air ventilation.
  This will prevent rust and condensation.
- The refrigerator should be separated from other equipment such as TVs.
  This is to prevent disturbance (noise / scattered image) to TVs and other devices caused by the refrigerator.

※ 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 sufficient space around the refrigerator when installing it.

※ If you are concerned about noise caused by vibration or condensation on the rear of the refrigerator or discoloration/marking on the wall due to high humidity, install the refrigerator with a gap of **2 cm or more**.

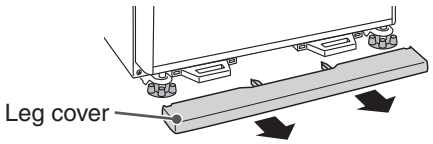


2 Adjust and fix the refrigerator horizontally.

Use the supplied tool and cushion [2 pc]



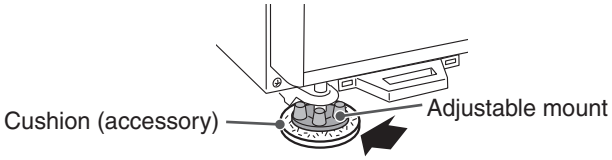
1 Hold the leg cover and pull it toward you to remove it.



2 Place cushions under the adjustable mounts.

Place the cushions under the adjustable mounts evenly at the front, back, left and right.

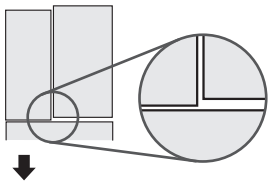
- Always wipe the adjustable mounts and clean the floor before placing the cushions. Any dirt under the cushions may scratch the floor.



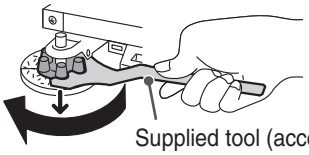
3 Turn the left and right adjustable mounts until they touch the floor.
Adjust so that the left and right doors of the refrigerator compartment are parallel.

As a guide, the height of the door can be adjusted 1mm every one turn of the adjustable mount.
Insert the supplied tool according to the shape of the adjustable mount.

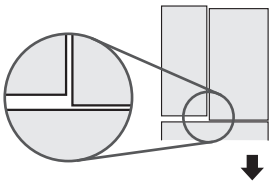
■ The left side door is lower



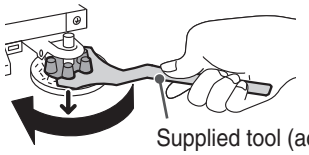
Turn the left adjustable mount clockwise to level the left and right doors



■ The right side door is lower

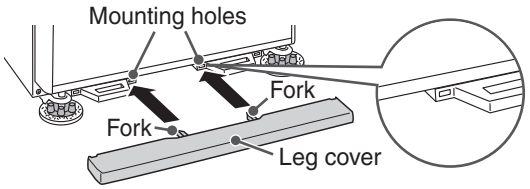


Turn the right adjustable mount clockwise to level the left and right doors



- Be careful not to scratch the floor with the supplied tool when turning the adjustable mount.
- Excessively turning an adjustable mount may cause it to detach.

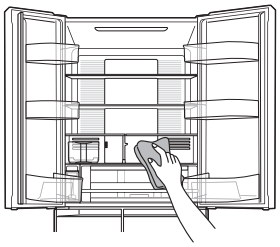
4 Insert the fork of the leg cover into the mounting holes to attach the cover.



Note

- Depending on the strength and type of the floor material, and the weight of the food, the door may lower several days later (about 5 days). In this case, adjust the doors to be parallel again.
- If the place where the refrigerator is installed is not horizontal or the floor material is soft, there may be a height difference between the left and right doors of the refrigerator. There is no problem with the functioning of the refrigerator, but if you are concerned, adjust the doors to be parallel by following the procedure on the left.
- If you make the refrigerator horizontal left to right but make the front slightly higher than the back, it will be easier to close the doors and the doors will be less likely to remain partially open.
- When you release your hand from a refrigerator door with the door open, the door may move. But this is normal.

3 Cleaning the inside of the refrigerator. → Pg.68–71



- Wipe with a soft, damp cloth, then finish with a dry cloth.
- Rinse the water supply tank and water filter.

※ Do not wipe off the lubricant applied to the slide door rails or the contact surface of the rails.
※ Initially, the refrigerator may smell of plastic.
If you are concerned about this, ventilate the room well so that the smell can dissipate.
(The smell will gradually disappear.)

4 Plug the power cord.

You may plug in the power cord immediately after installing the refrigerator.
Do not share the wall outlet with any other appliances. (Alternating current 220–240 V, rated 10 A or more)

- Check that the power plug or the cord is not wedged between the back of the refrigerator and the wall in order to prevent the cord from getting hot.

Cooling inside the refrigerator begins (after cooling the refrigerator compartment, the other storage compartments are cooled (ice compartment, freezer compartment, vegetable compartment))

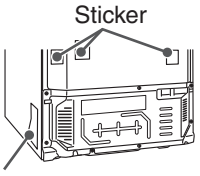
It may take more than 4 hours to cool well the inside of the refrigerator, depending on conditions such as the ambient temperature or storage state of foods.

It may take 24 hours or more in summer, etc.

Do not put ice cream, uncooled foods or perishable foods in the refrigerator until the inside has cooled well.
Perform **"Ice Maker Cleaning"** when using the automatic ice making function for the first time. → Pg.71
Ice making will start automatically after the inside of the refrigerator has cooled well.
(When using for the first time, **it may take 24 hours or more to make ice**.)
When the temperature inside the refrigerator is low, cooling may not start for about 10 minutes after plugging in the power plug.

Note

- **Rust proofing of the piping may be required.**
  When installing the refrigerator near a hot spring area, industrial area, or near sewer pipes, etc., the piping may corrode due to the effect of sulfide gas. Contact your dealer. The warranty does not cover failures due to sulfide gas damage, such as blackening of the piping.
- **After inserting the power plug into a wall outlet, you will hear noise from the refrigerator. It is preparing for operation. You may also hear a louder noise from the compressor or fan until the inside is cooled enough.**
- Do not peel off the sticker on the back or remove the plastic parts on the sides of the refrigerator at the bottom.
- If you attach a magnet or suction cup to the front of the main body or to a door, it may leave a mark.
- If you attach paper to the door surface in a high ambient temperature environment, condensation may form on the door surface or the paper may absorb moisture.



Plastic parts (left and right)

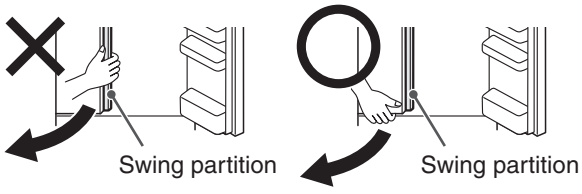
Opening and closing the doors

Request Do not apply excessive force by opening the door too strongly or leaning against the open door. The door may break.

Use the handles to open and close the doors.

■ To open the door

Do not open the door by holding the swing partition.
(The door cannot be opened)



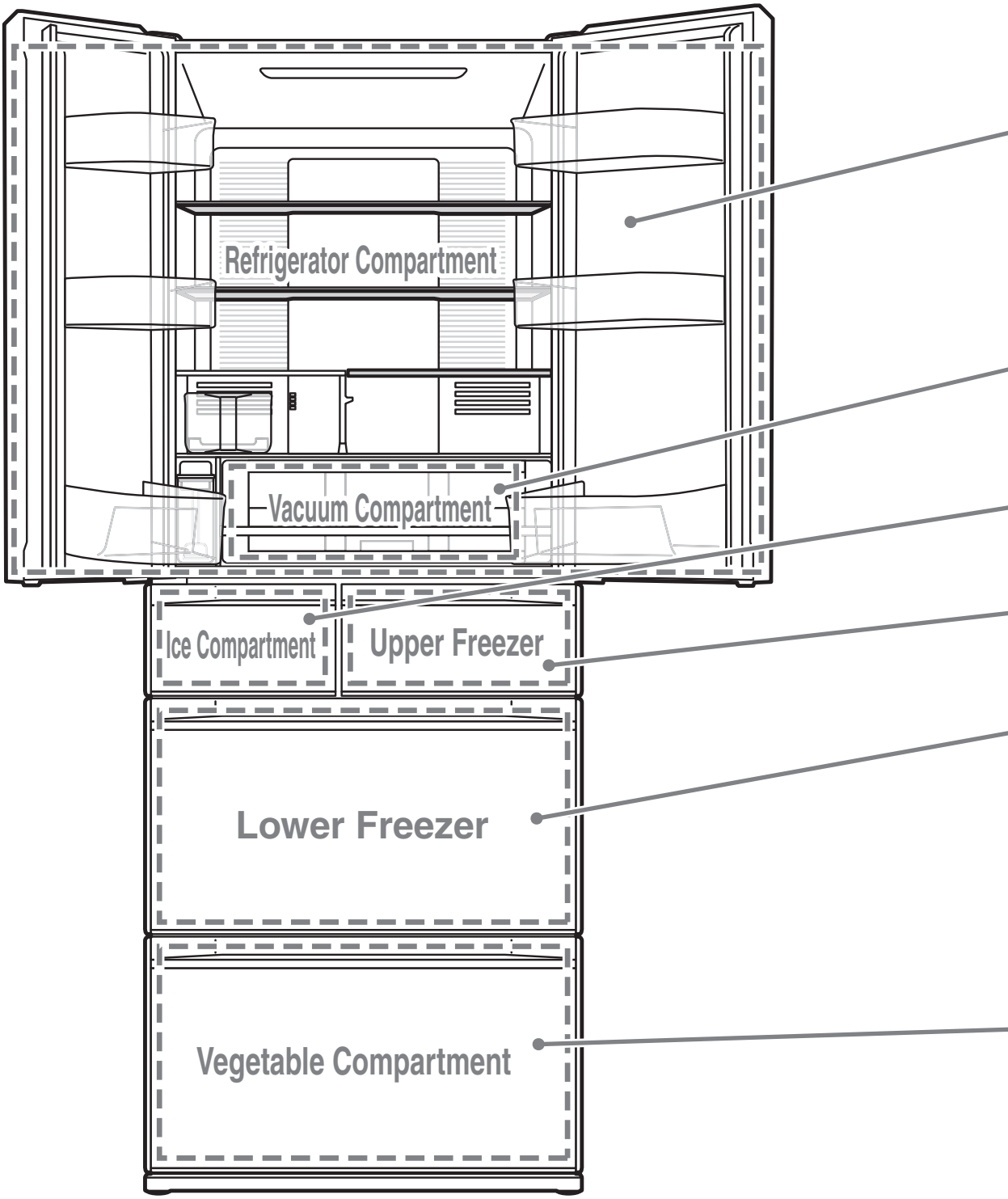
■ To close the door

Do not close the door with the swing partition opened.
(The door will not close completely)



CHECK

Name of each compartment



Example of preserved foods

Storage location		Estimated temperature	Food
Refrigerator Compartment → Pg.54	Shelf	About 2°C to 6°C	Foods used daily 
	Door pocket	About 2°C to 9°C	
Vacuum Compartment → Pg.56	On/Off	About -2°C to 0°C	Fresh food such as meat and seafood 
Ice Compartment → Pg.58		About -19°C to -17°C	Ice made by automatic ice making
Upper Freezer → Pg.60		About -19°C to -17°C	
Lower Freezer → Pg.60		About -20°C to -18°C	
Vegetable Compartment → Pg.62	Upper/lower space	About 4°C to 8°C	Upper space Small vegetables, partially used vegetables, fruit, etc.  Lower space Leafy vegetables (spinach, Komatsuna (Brassica rapa), etc.), Large vegetables (cabbage, lettuce, etc.) 
	Vertical storage space	About 4°C to 9°C	Vertical storage space Long vegetables, plastic bottles, etc. 

※ The temperatures assume an ambient temperature of approx. 32°C around the refrigerator, the refrigerator and freezer compartments set to "■■", no food inside, the doors closed, and a stable temperature.

Tips for storage

- Keep gaps between foods when storing it.
- It is recommend to wrap foods with strong odors in cellophane wrap.
- There is a guideline for the weight of food that can be stored. → Pg.83

CHECK (Continued)

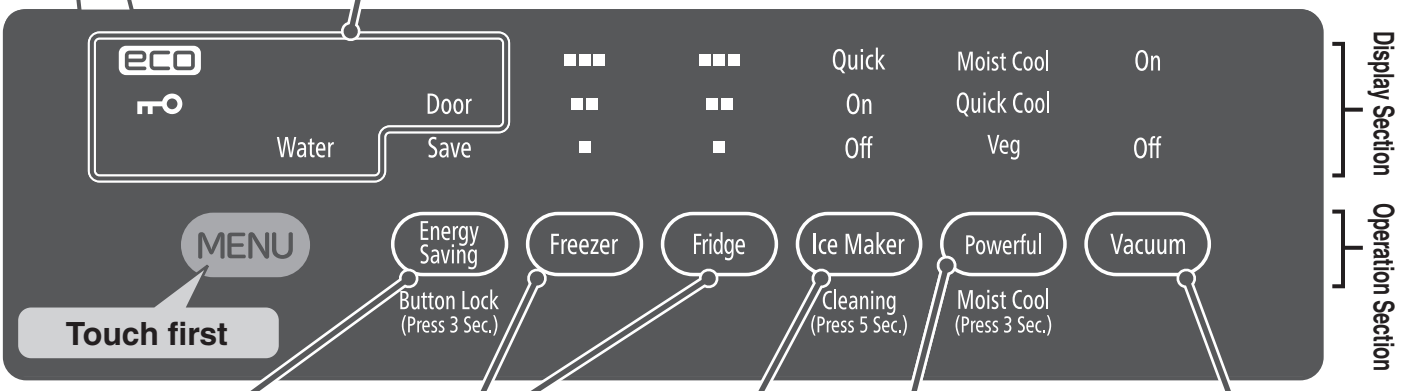
Functions of the Control Panel

The Control Panel is divided into two sections: Display Section in the upper part and Operation Section in the lower part.
The Display and Operation Sections are normally unlit. Touch MENU to make them light up.
The Operation Section is a touch panel. Touch it to toggle the settings.



Providing information

eco	Lights when the refrigerator is operated in a manner to reduce power consumption	→Pg.66 [eco operation indicator lamp]
key	Lights when the Control Panel is locked	→Pg.64
Water	Lights when the water in the water supply tank is low	→Pg.59 [Water supply tank indicator lamp]
Door	Lights when a door is frequently opened or closed	→Pg.67 [Door open/close indicator lamp]



Set "Energy Saving" mode
Slightly reduces the cooling in each compartment to save energy
Save →Pg.66

Adjust the temperature
Select "■■" for ordinary usage.
Refrigerator Compartment →Pg.53
Freezer Compartment →Pg.53

Ice-making settings
Quick →Pg.59
On →Pg.58
Off →Pg.59

Cooling mode settings
Moist Cool →Pg.54
Quick Cool →Pg.55
Veg →Pg.63

Vacuum Compartment settings
On →Pg.57
Off →Pg.57

Note

- When you touch MENU, all the indicators light up and the current settings are displayed. You can also view the current settings by opening the refrigerator compartment door.
- When you are done, touch MENU again to deactivate the Display Section and Operation Section.
  Even if you do not touch MENU, the Display Section and Operation Section will be deactivated after about 40 seconds to save power. However, the setting for "Save", the display during "Quick", "Off (Stop Ice Making)", [Water supply notice indicator lamp] "Quick Cool", "Off (Non-vacuum)" display, [eco operation indicator lamp], [Door open/close indicator lamp] in "Save" are not deactivated.
- When a refrigerator compartment door is opened, the Display Section and Operation Section light up. In this case, they will be deactivated about 15 seconds after the door is closed.
- The response of the touch panel may change depending on the ambient temperature, humidity, the physical condition of the user, or the operation of nearby electrical devices.
- If the touch panel does not respond, release your finger and then touch it again. If the interval between key touches is too short, the touch panel may not respond. Touching the touch panel strongly will not improve the response.
- The Operation Section may not respond if it is wet or dirty. Remove the dirt with a damp cloth and then wipe it with a dry cloth.
- The Operation Section will not respond to touches while a refrigerator door is open or while the Display Section is blinking. Check "The lamp on the Control Panel blinks" →Pg.76.

Adjusting the temperature (Refrigerator/Freezer)

You can change the temperature by touching the Control Panel.

1 Touch MENU to activate the display.

All indicator lamps are activated, and then the current settings are displayed.

2 Touch Fridge or Freezer to adjust each compartment.

The default setting is "■■". Select "■■" for ordinary usage.

Select "■■■" if you need additional cooling, such as in the summer.

Request

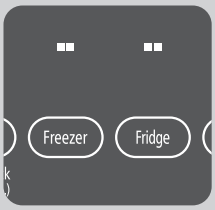
If you use the refrigerator for a long time on "■■■" when the ambient temperature is cold, such as in winter, the food may freeze.

If you feel that the refrigerator is too cold, use "■■" or "■".

Note

- The temperature of the refrigerator will vary slightly depending on the operating conditions.
- You can also fine-tune the temperature. →Pg.64
- Setting the freezer to "■■■" consumes about 20% more power than the "■■" setting.
- Changing the Refrigerator Compartment temperature setting also changes the Vacuum Compartment temperature.
- Changing the freezer temperature setting also changes the Ice Compartment temperature.
- When set to "Moist Cool," the display for the Refrigerator Compartment temperature setting turns off.

■ Control Panel



Guide for refrigerator compartment temperature

"■■■" is about 1 to 3°C lower than "■■"

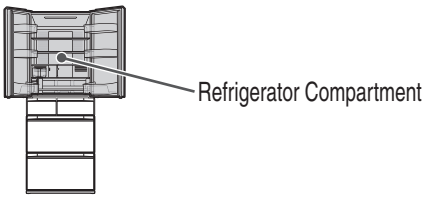
"■" is about 1 to 3°C higher than "■■"

Guide for freezer temperature

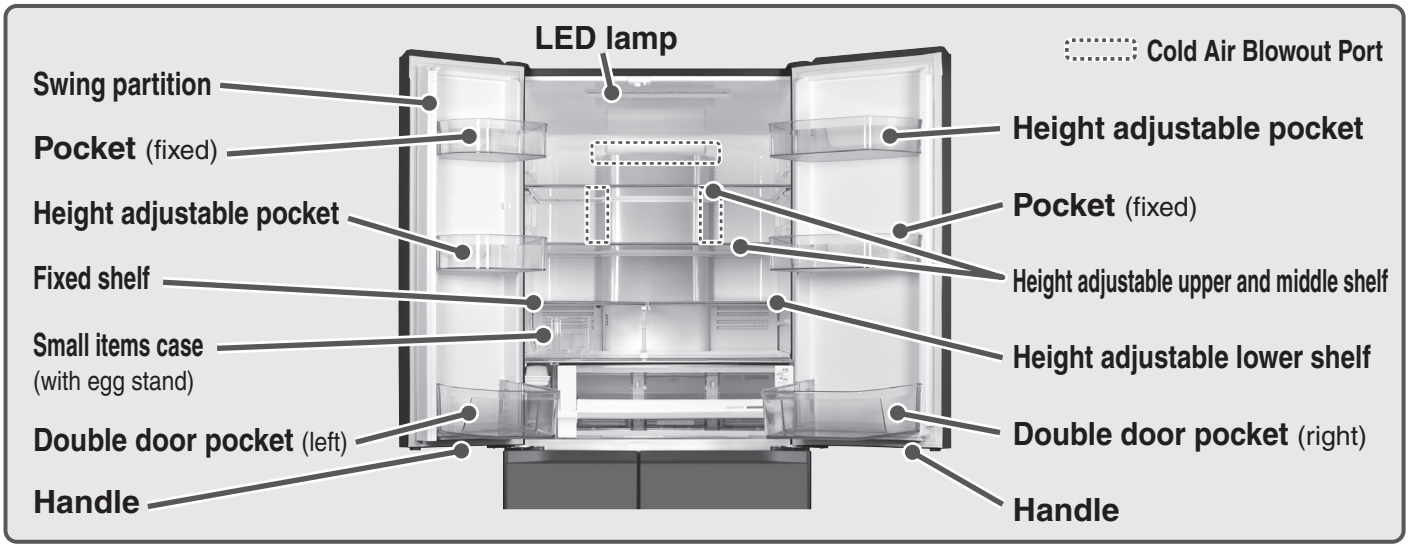
"■■■" is about 2 to 4°C lower than "■■"

"■" is about 2 to 4°C higher than "■■"

REFRIGERATOR COMPARTMENT



Name of each part

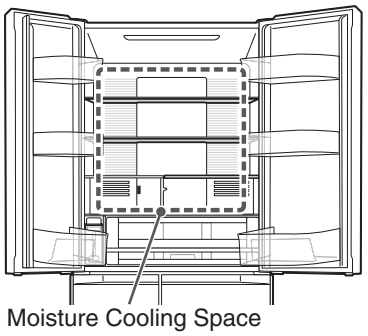


Request

- **Do not place foods with high water content/canned beverages around a Cold Air Blowout Port because they may freeze or burst. They are especially likely to freeze in "■■■" or "Moist Cool" mode. You can prevent food from freezing by using a lid or cellophane wrap.**
- **When storing dry food such as rice or seaweed, put it in a closed container (bag) before storing. Otherwise, dried food may absorb moisture.**

Using "Moisture Cooling"

- **"Moisture Cooling" makes all areas of the Refrigerator Compartment cooler.** (When set: about 0 to 3°C)
  It is recommended for storing prepared side dishes.
  When storing warm food, **cool it to a temperature at which you can touch it (about 50°C or less) before putting it in the refrigerator.** This will prevent burns and deformation of the shelves.



Note

- Power consumption is higher when "Moist Cool" is activated.
  Also, the refrigerator operating noise may become louder.
- The temperature of the pockets will be lower when "Moist Cool" is activated.

To activate the setting

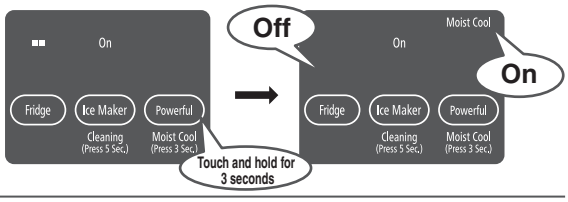
The default setting is "Off".

1 **Touch MENU to activate the display.**

All indicator lamps are activated, and then the current settings are displayed.

2 **Touch and hold Powerful for 3 seconds or longer until the setting sound (long beep) sounds, and "Moist Cool" lights up.**

Fridge temperature setting is turned off.



Release **Touch MENU to activate the display, touch and hold Powerful for 3 seconds or longer until the setting is released (two short beeps), and deactivate "Moist Cool".**

Fridge temperature setting lights up.

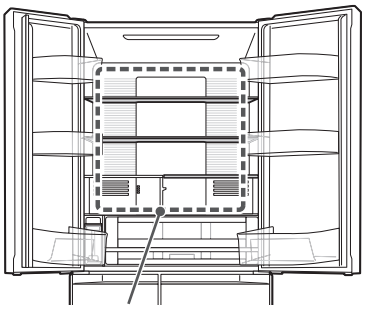
Note

- Fridge temperature cannot be set when "Moist Cool" is activated. If you touch Fridge while "Moist Cool" is activated, two short beeps will sound to notify you that you cannot set it.

Using "Quick Cooling"

When you want to cool food quickly, you can increase the cooling of the "Moisture Cooling Space".

You can reduce the time required to cool warm food and remove excess heat after cooking.
This feature is recommended when you want to quickly cool packed lunches, drinks, or cooked vegetables, etc. before going out.
When storing warm food, **cool it to a temperature at which you can touch it (about 50°C or less)** before putting it in the refrigerator. This will prevent burns and deformation of the shelves.


Moisture Cooling Space

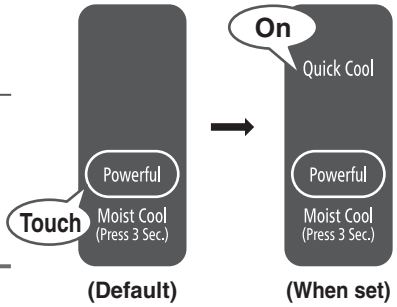
Note

- Power consumption is higher when "Quick Cool" is activated.
- Continuous use of "Quick Cool" may freeze the food in the refrigerator.
- "Quick Cool" can be used even when "Moist Cool" is activated.

To activate "Quick Cooling"

1 **Touch MENU to activate the display.**
All indicator lamps are activated, and then the current settings are displayed.
The default setting is "Off".

2 **Touch Powerful to activate "Quick Cool".**
"Quick Cool" stops automatically after about 60 minutes and the "Quick Cool" display turns off.



(Default) (When set)

To cancel "Quick Cooling"

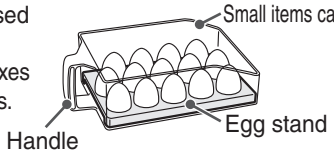
1 **Touch MENU to activate the display.**

2 **Touch Powerful to deactivate "Quick Cool".**

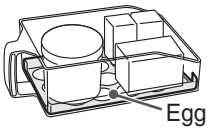
Using the small items case

You can put small items or eggs, etc. in the Refrigerator Compartment.

The egg stand can be used to store up to 14 eggs.
You can also store egg boxes without taking out the eggs.



Turn the egg stand over to use the case for storing small items.



Request

- Hold the handle firmly when handling the small items case.
- Do not stack food items as they may fall.
- Do not store food that is taller than the front edge of the case.
- Do not make ice in this container. The container may break.
- Do not place the container near the Cold Air Blowout Port since the stored food may freeze or burst. Place the container away from the Cold Air Blowout Port.
- Do not position the container so that it sticks out from the shelf.

Adjusting the height of pockets and shelves

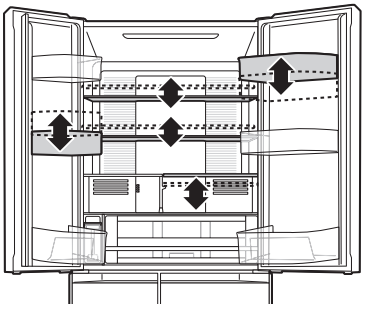
You can change the positions of pockets and shelves according to the sizes of the food and beverages you wish to store. **How to remove/attach → Pg.72**

⚠ CAUTION

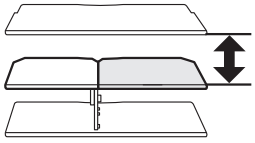
■ Handling the glass shelves
- Do not apply strong shocks to the glass shelves. (They may break and cause injury)
- The glass shelves are heavy. Take care when removing/attaching them.

■ Height adjustable upper shelves, height adjustable middle shelves, height adjustable lower shelves, height adjustable pockets

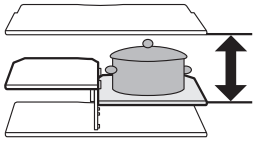
Can be adjusted according to the height of the food or beverage.



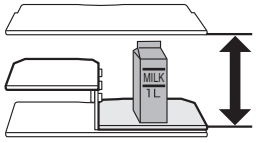
- Default



- Storage of pans, etc.

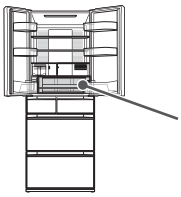

Set the shelf to the middle position

- Storage of milk cartons, etc.



Set the shelf to the bottom position

VACUUM COMPARTMENT

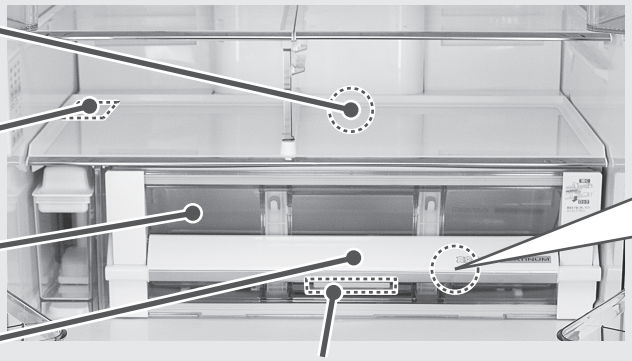


LED lamp
Illuminates the Vacuum Compartment brightly when the Refrigerator Compartment is opened.

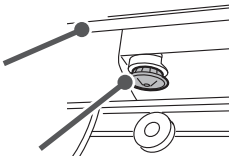
Vacuum pump

Vacuum Case (with aluminum tray)

Handle



Platinum catalyst The platinum catalyst breaks down the odor components emitted from meat and fish and converts them into carbon dioxide gas. This helps to keep food fresh.



Handle

Vacuum release valve (blue)
When you lift the handle and unlock, the vacuum release valve releases the vacuum. You will hear "Rushing air sound" when you release the vacuum.

Stored food

The default setting is "On".

On (About -2°C to 0°C)	● Meat and processed meat products ● Fish, seafood, and processed seafood products ● Thawing meat and fish  • Foods with high water content may freeze.
Off (About -2°C to 0°C)	Release the vacuum function. Recommended for storing "food in sealed bags" and "plastic sealed containers" that require careful storage. Since the temperature is below freezing point, foods with high water content may freeze.

Note The effect of the vacuum does not change even if the food is wrapped in cellophane wrap. If you are concerned about the transfer of odors to other items, please wrap the food.

Caution
- ● Foods with high water content may freeze when the ambient temperature is low.
- ● Changing the Refrigerator Compartment or Freezer Compartment temperature setting also changes the Vacuum Compartment temperature.
- ● **Do not overfill the Vacuum Compartment with food or containers.**
  It may become impossible to pull out the Vacuum Case.

■ Foods not suitable for the Vacuum Compartment

The following foods are not suitable for freezing. Store those foods in the refrigerator compartment.

● **Dairy products**



Cheese, etc.

● **Cut vegetables and fruits**



Cut raw vegetables, cut fruits

● **Foods for which small bubbles appear when frozen**



Tofu, konnyaku, deep fried tofu, shirataki noodles, boiled eggs, etc.

Changing the Vacuum Compartment settings

1 **Touch MENU to activate the display.**

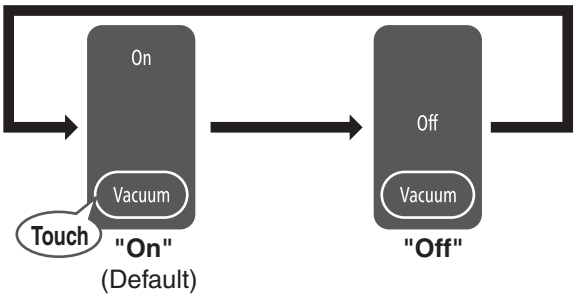
All indicator lamps are activated, and then the current settings are displayed.

2 **Touch Vacuum to change to the desired setting.**

Each time you touch the panel, the display changes in the order shown below. The default setting is "On".

Note

● While "Off" is set, the "Off" display continues to light. Other displays are deactivated after about 40 seconds to save energy, but the functions that have been set continue to operate.

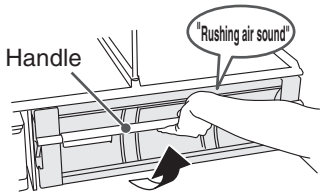


※ The approximate Vacuum Compartment temperature assuming an ambient temperature of approx. 32°C, no food inside, the doors closed, and a stable temperature.

Opening and closing the Vacuum Case

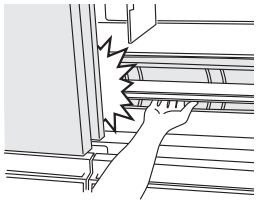
When opening

1 **Pull up the handle lock to unlock.**

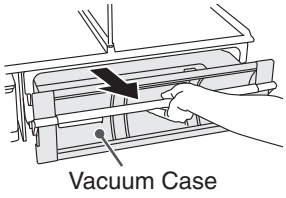


※ It takes about 3 to 4 minutes from the time when the refrigerator door is closed and the vacuum pump is activated until a vacuum state is reached. If you open the Vacuum Compartment within 4 minutes, there may be no "Rushing air sound".

※ If you try to raise the handle without opening both the left and right doors of the Refrigerator Compartment, parts may break.



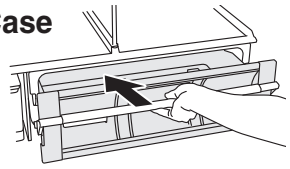
2 **Pull the Vacuum Case forward.**



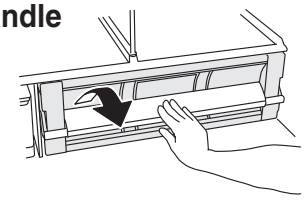
※ The vacuum is being released while you hear the "Rushing air sound". The Vacuum Compartment cannot be pulled out at this time. After the sound has stopped, pull the Vacuum Case out toward you.

When closing

1 **Push the Vacuum Case all the way in.**



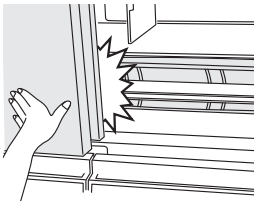
2 **Firmly lower the handle to lock.**



Caution

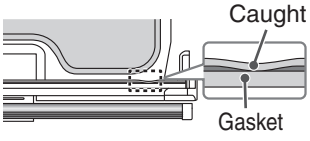
● **If you do not lower the handle firmly, a vacuum cannot be created.**

● **If you close the Refrigerator Compartment door without locking the handle, it may cause breakage of parts or food, or cause the door to remain slightly open, resulting in poor cooling.**



Request

● **If the gasket is caught, the vacuum cannot be maintained. Straighten any parts of the gasket that are caught. The left and right sides and the underside are hard to see, so please remove the Vacuum Case to check.** → Pg.72

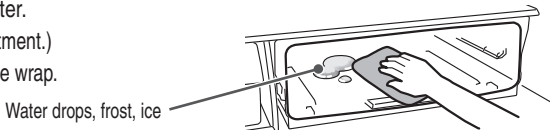


● Since the Vacuum Compartment is hermetically sealed, water contained in food or air may cause water drops, frost, or ice to form inside the compartment. Wipe off with a soft cloth moistened with warm water. (The performance will not be affected even if there are water drops, frost, or ice in the Vacuum Compartment.)

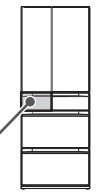
● If you are concerned about water drops, frost, or ice, it is recommend to wrap stored food in cellophane wrap.

● If you spill water or juice from food in the compartment, wipe it off immediately.

● The platinum catalyst does not require replacement. Do not remove it.

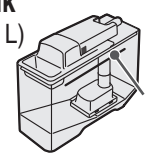


ICE COMPARTMENT (AUTOMATIC ICE MAKER)

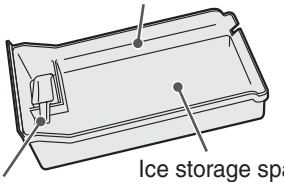


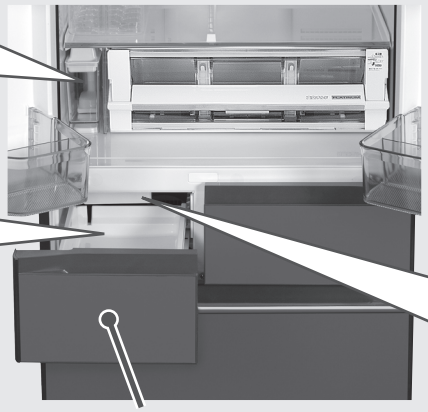
Makes ice automatically.

Water supply tank
(capacity about 1.0 L)

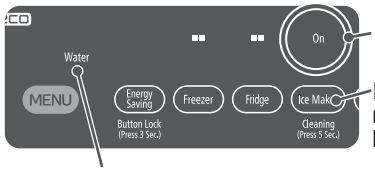


Ice Case

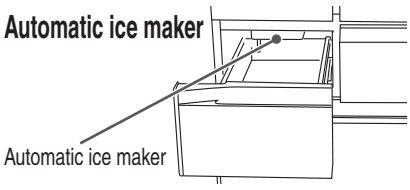




Control Panel



Automatic ice maker



How to make ice

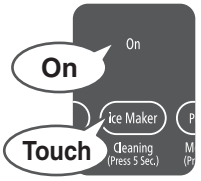
Perform "Ice Maker Cleaning" when making ice for the first time or for the first time in a week or more. → Pg.71

1 Touch MENU to activate the display.

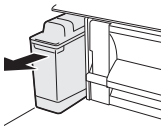
All indicator lamps are activated, and then the current settings are displayed.

2 Touch Ice Maker to activate "On" indicator.

The default setting is "On" (lit).

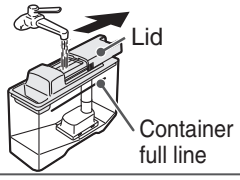


3 Remove the water supply tank.



4 Open the lid and add water.

※ Do not fill above the "Container full line".



5 Replace the water supply tank.

Firmly push it all the way in so that it passes the "Container set position" line.

If the water supply tank is not pushed all the way in, it cannot make ice.

※ Water may spill out if the water supply tank is tilted. Wipe off any spilled water immediately.



6 Ice making starts automatically.

- When the ice reaches the Ice full line of the ice case, the automatic ice making function temporarily stops. When the ice level becomes low, it will restart automatically.
- When there is no ice in the ice case, a loud sound of ice falling from the ice tray may be heard.

Request

- WARNING: fill with potable water only.
- Water for ice making is according to your drinking standard. Quality of tap water may vary in different countries. Please check and verify with your local authority.
- Change water and clean the container at least once a week for hygiene purposes. → Pg.70
- If the ice made of mineral water containing a lot of mineral ingredients is put into water, white powder may appear, this is due to mineral ingredients and is harmless.
- These types of water are easily contaminated with bacteria. Please wash the container usually once every 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 beverages as they may cause malfunction, deformation or sticking ice.

×



Juice drink



Sports drink



Carbonated drink



Tea

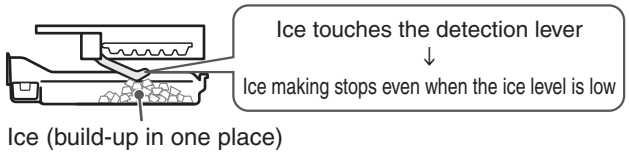
Ice storage capacity and time required to make ice

Model		R-HW610N Type	R-HW530N Type
Ice storage capacity	When the ice is leveled	Estimated 150 ice cubes	Estimated 140 ice cubes
Time for one cycle of ice making (12 ice cubes)	Normal "Ice making"	Estimated 110 to 140 minutes	
	"Quick Ice Making"	Estimated 80 minutes	

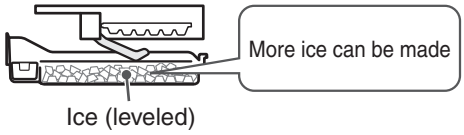
※ Approximate time when the ambient temperature is about 30°C, each compartment temperature is set to "■ ■", and the door is not opened/closed.

Note

● **Ice build-up in one place can stop ice making even when the ice level is low.**



● **To make more ice, move the ice to the front and level it off.**



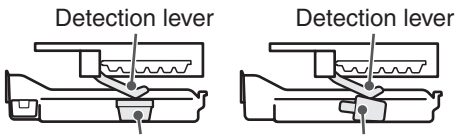
● **It will take extra time to make ice in the following cases.**

- First time use (it may take 24 hours or more)
- When the Freezer Compartment temperature is set to "■"
- When a large amount of food is put into the refrigerator at once
- When the refrigerator is set to "Save"
- When the doors are opened and closed frequently
- When the Freezer Compartment or Ice Compartment doors are left partially open
- When the ambient temperature is low such as in winter
- When there is a power outage

Request

● When "On" or "Quick" is set, do not put anything other than ice made by the automatic ice maker in the ice storage space, such as frozen foods or the ice scoop. It will not be possible to make ice. It may prevent the ice from forming as parts of the ice maker may be obstructed by the food obstructing.

● Thus making it difficult to open the drawer and may cause damage to the parts.
Open and close the door of the Ice Compartment slowly.
If you open or close it vigorously, ice may spill from the ice case and fall into the Lower Freezer.



Make ice quickly

1 **Touch MENU to activate the display.**
All indicator lamps are activated, and then the current settings are displayed.

2 **Touch Ice Maker to activate "Quick" indicator.**



You can make ice in a shorter time than "Ice Making."
12 ice cubes are made by one ice-making operation.

"Quick" finishes in about 7 hours, and the ice maker switches back to "On".

Note

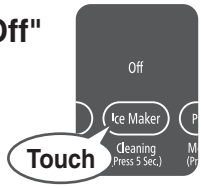
● While "Quick" is operating, the "Quick" display continues to light. Also, the "eco operation indicator lamp" does not light up.

● While "Quick Ice Making" is operating, cooling for the freezer compartment is given priority, so the temperature of the refrigerator compartment is likely to increase when the doors are opened and closed frequently.

Do not make ice

1 **Touch MENU to activate the display.**
All indicator lamps are activated, and then the current settings are displayed.

2 **Touch Ice Maker to activate "Off" indicator.**



The ice maker stops automatic ice making and does not make ice.

※ If you want to stop ice making for one week or longer, please clean the automatic ice maker. ➔ Pg.70, 71

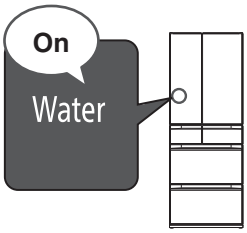
Note

● While "Off" is set, the "Off" display continues to light.

Water supply indicator

When the water level is low in the water supply tank, the "Water" indicator lits. Add water to the water supply tank.

When the left door of the refrigerator compartment is opened or closed, the "Water" indicator turns off once. It lights up again if water is not added. (Up to 3 hours later)



Note

● The "Water" indicator does not light when the automatic ice maker is "Off".

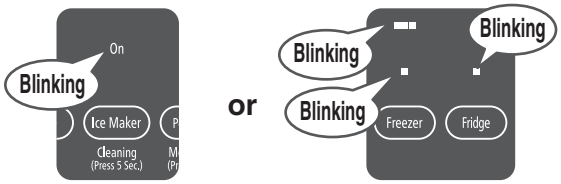
● If there is water in the water supply tank but the water supply tank is not pushed in firmly, the "Water" indicator will light up. Push in the water supply tank so that it passes the "Container set position" line.

● Even when "On" is activated, the "Water" indicator may not light when the Ice Case is full.

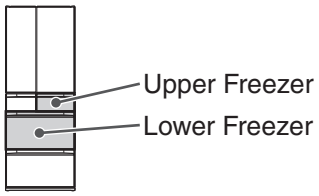
When Ice Maker "On" or Freezer "■■■/■" and Fridge "■" are blinking

The ice tray may be touching food in the ice case.

Empty the ice-making case and perform "Ice Maker Cleaning".
➔ Pg.71

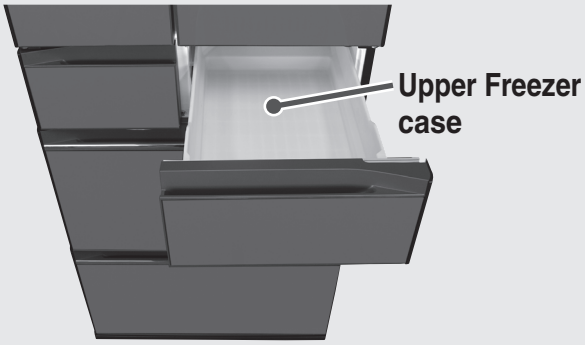


FREEZER COMPARTMENT



Upper Freezer

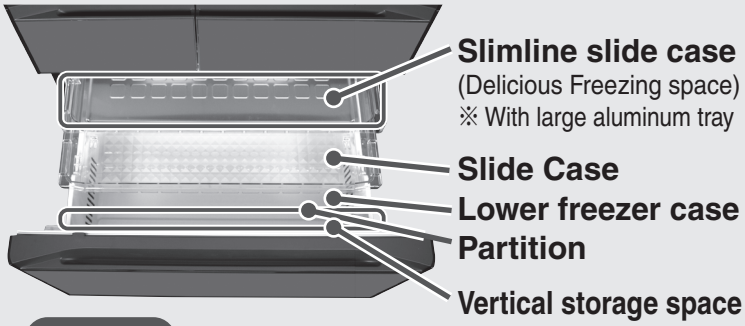
Use to keep daily foods or partially used foods.



Lower Freezer

The 3-layer case provides you with plenty of storage space and allows you to organize your food easily.

Suitable for storing foods that you store a lot of and ice cream that melts easily.



Caution ● **The slimline slide case and the partition cannot be removed.**

Stored food

Upper Freezer		Freezer bags, airtight containers, bread, etc.
Lower Freezer	**Slimline slide case**	Small frozen food items, etc. **Delicious Freezing space** To quickly freeze meat, fish and steamed rice
	Slide Case	Freezer bags, airtight containers, etc.
	Lower freezer case	Frozen food, ice cream, etc. **Vertical storage space** Plastic bottles designed to be used in freezers, etc

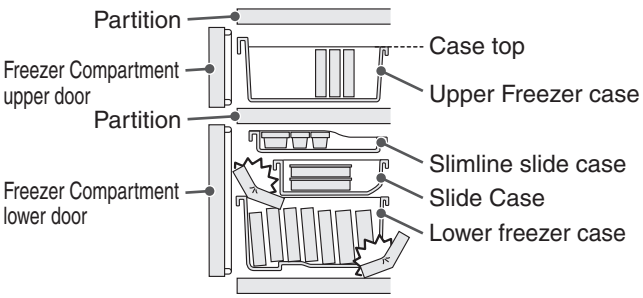
When storing food

Food can be stored according to different type and sizes with the lower and upper freezer cases. Stored food should not touch the upper cases or partitions.

The doors may not close properly and the refrigerator may not cool properly. The food or the cases may also be damaged.

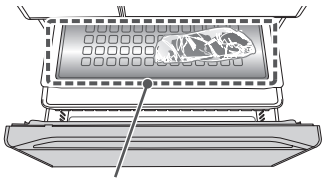
Caution

- **Do not put plastic bottles in the slimline slide case. If the plastic bottle freezes, it will expand and it will be impossible to take it out.**
- Do not use the freezer with the Slide Case removed. Food may fall into the back of the case and the door may not close.
- Do not use containers not designed to be used in freezers.



Using "Delicious Freezing"

Combined with the effect of the large aluminum tray, "Delicious Freezing" freezes food more quickly. Simply put the food in the Delicious Freezing space and the sensor will detect the temperature of the food and automatically switch the cooling operation.



Delicious Freezing space

Wrap the food in cellophane wrap or put it in a freezer bag and place it on the large aluminum tray. It is convenient to cut food into small, thin pieces. This will make it freeze to the center more quickly and also makes it easier to take out of the freezer.

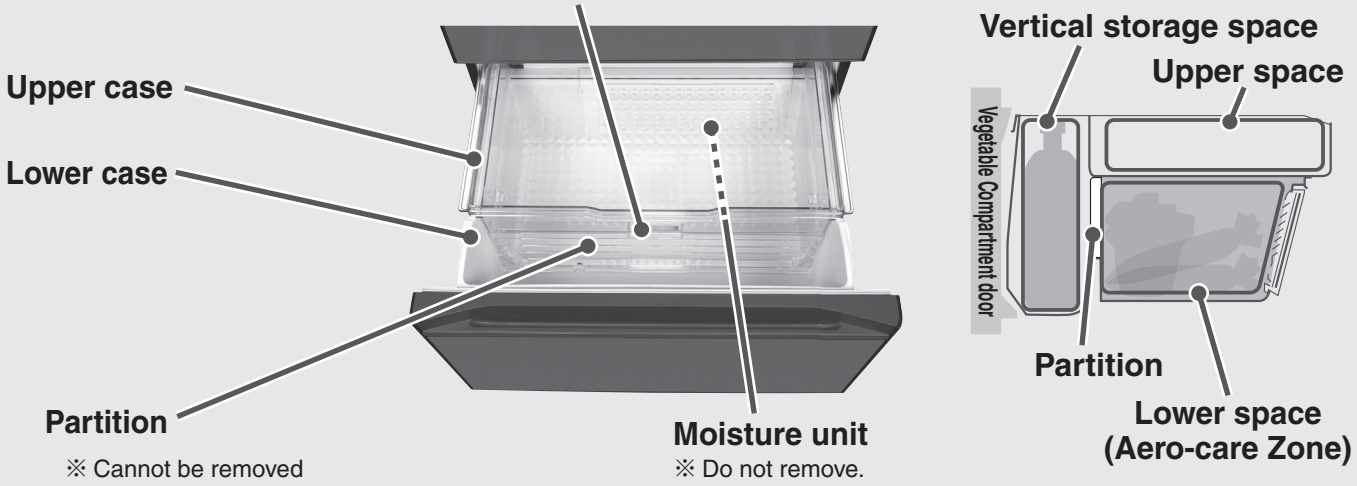
Note

● You can freeze food more efficiently if you lay it out on the large aluminum tray rather than stacking it.

VEGETABLE COMPARTMENT



Platinum catalyst The platinum catalyst breaks down the odor component of food and ethylene gas from vegetables and converts it to carbon dioxide. This helps to keep food fresh. The platinum catalyst does not require replacement. Do not remove it.



Stored food

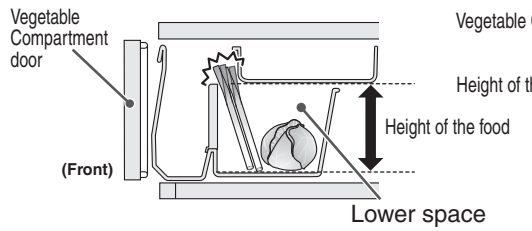
Upper space	Partially used vegetables and small vegetables (tomatoes, bell peppers, etc.), fruits (strawberries, grapefruits, etc.) 
Lower space	Leafy vegetables (spinach, Komatsuna (Brassica rapa), etc.), large vegetables (cabbage, lettuce, etc.) 
Vertical storage space	Long vegetables (cucumbers, asparagus, etc.), 2 L plastic bottles, etc.

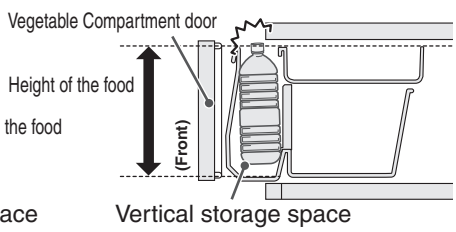
When storing food

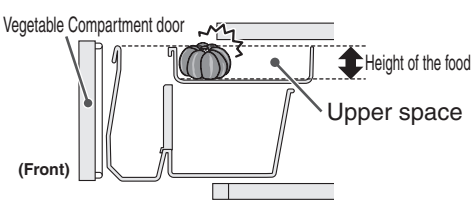
Store food according to its type and size.

- **Pay attention to the height of the food you store.**
  - The doors may not close properly and the refrigerator may not cool properly. The food or the cases may also be damaged.
  - Some food and bottles may not be possible to store within the compartment due to its size.
- **Do not use the Vegetable Compartment with the upper case removed.**
  - Food may fall into the back of the case and the door may not close.
- **Do not force food or beverages into the Vegetable Compartment.**
  - The partition or the cases may be damaged.

Guide to height







Adjusting the Temperature of the Vegetable Compartment (Using "Vegetable Compartment Powerful")

1 **Touch MENU to activate the display.**

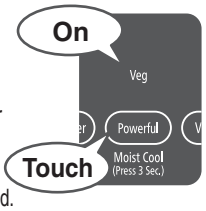
All indicator lamps are activated, and then the current settings are displayed.

2 **The default setting is "Off".**

Touch Powerful to activate "Veg" indicator.

The refrigerator will cool at a lower temperature than usual. (Normally about 4 to 8°C → "Veg" about 2 to 6°C)

※ The temperature assumes an ambient temperature of approx. 32°C around the refrigerator, the refrigerator and freezer compartments set to "■■", no food inside, the doors closed, and a stable temperature.



Note

● For energy saving, the display will be turned off after about 40 seconds, but the setting remains active until it is canceled. Meanwhile, note that while the "Veg" is active, the ["eco" Operation indicator lamp] does not light.

Cancel **Touch MENU to activate the display, then touch Powerful to deactivate "Veg" indicator.**

Note

● If you use "Veg" for a long time, vegetables with high water content may freeze. In this case, cancel the "Veg" setting.
● If "Energy Saving" mode is set while "Veg" is set, cooling is reduced starting from "Veg". → Pg.66
● When the outside temperature is low, the temperature inside the case may also be low.

Request

In the following cases, cancel the "Veg" setting.
● If the surface of vegetables that are sensitive to low temperatures, such as eggplant, has dents or discoloration.
● If you are concerned about condensation in the Vegetable Compartment.

Tips for storing vegetables

■ Vegetables recommended for storage at room temperature

● It is recommended to store garlic, onions, potatoes, sweet potatoes and pumpkins (whole) in a cool dark place (where the room temperature is kept constant and low and away from direct sunlight).



■ Foods prone to low temperature damage

If you put food in the Vegetable Compartment for a long time, the color may change or the taste may deteriorate depending on the food. Also, the food can lose vitamin C, become moldy, and begin to rot.

● Vegetables…tomatoes, bell peppers, cucumbers, eggplants, green beans, sweet potatoes, okra, etc.



● Fruits…bananas, pineapples, mangoes, papayas, avocados, lemons, etc.



You can enjoy a delicious taste if you chill these fruits in the refrigerator for a short time before eating.

What to do in the following cases

● When you are storing a small quantity of vegetables, it may not be possible to maintain high humidity, so please wrap the vegetables in cellophane wrap.
● Due to the high humidity in the Vegetable Compartment, depending on the amount and type of vegetables, condensation may form on the case, the surface of the moisture unit, or the surface of food. If you are concerned about condensation, wrap the food in cellophane wrap.
● If the moisture unit is blocked by a food bag or container, a large amount of condensation will occur. Move the food bag or container blocking the moisture unit to another location.
● Food can easily get damaged if water collects in the case so wipe off the dew condensation with a soft cloth.
● When storing dry food such as rice or seaweed in the Vegetable Compartment, put it in a closed container (bag) before storing. Dried food may absorb moisture.

Note

The vertical storage space has a slightly higher temperature than other spaces.

VARIOUS FUNCTIONS

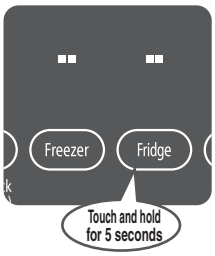
Further temperature adjustments (Refrigerator/Freezer)

The temperature settings of the Refrigerator Compartment and the Freezer Compartment can be further adjusted in 11 levels.

1 **Open the Freezer Compartment lower door.**

2 **Touch MENU to activate the display.**

All indicator lamps are activated, and then the current settings are displayed.



3 **Touch and hold Fridge for 5 seconds or longer until you hear a long beep.**

4 **Close the Freezer Compartment lower door.**

5 **Touch Fridge or Freezer to adjust each compartment.**

Each time you touch it, the display changes in order as shown below.
Select "■■" for ordinary usage.

(□: lit, ▣: blinking, ■: unlit)

Display											
Settings	Lower	Low	➡	➡	➡	Medium	➡	➡	➡	High	Higher

Release **Perform steps 1, 2, 3, and 4.**

Two short beeps will be heard, and normal adjustment (3 levels) will be restored.

Locking the Control Panel

By disabling the Control Panel, you can prevent accidental operation or misuse by children.
When the 🔒 (Control Panel lock) display is lit, you cannot change the settings even if you touch the control panel.

1 **Touch MENU to activate the display.**

All indicator lamps are activated, and then the current settings are displayed.

2 **Touch and hold Energy Saving for 3 seconds or longer until the setting sound is heard.**

The Control Panel lock switches "On" or "Off".
The default setting of the Control Panel lock is "Off" (🔒 off).

Control Panel lock settings	"On" (locked)	"Off" (unlocked)
"🔒" display	On 🔒	Off
Setting sound	Long beep	Two short beeps

Note

- **The Control Panel lock may be released after the power plug is disconnected and reconnected, or after operation restarts following a power outage.**
- **The display turns off after about 40 seconds to save power, but the setting continues until you cancel it.**

Door alarm

If you open one of the doors for 1 minute or more, a sound and light will inform you that the door is open.

The door alarm function works with the Refrigerator Compartment, Ice Compartment and Lower Freezer Compartment.
(It does not work with the Upper Freezer Compartment or the Vegetable Compartment)

Door opening time	After 1 minute	After 2 minutes	After 3 minutes or more
Alarm sound	Beep (3 times)	Beep (5 times)	Loud beep (continuous)
Display Section	Blinking	Blinking	Blinking
Operation Section	On	On	On

Note

- The Door Alarm will start in 30 secs if Energy Saving mode is activated. However, the display blinks after 1 minute.
- When the display is blinking, the Operation Section will not respond to touches. Close the door before operating the Control Panel.

Volume adjustment of door alarm and operation sound

You can make the door alarm and operation sounds louder, or you can set them to not sound.

1 **Touch MENU to activate the display.**

2 **Touch and hold Fridge for 3 seconds or longer until you hear the set sound.**

The operation sound volume can be switched to "Standard", "Loud", or "Off". Repeatedly change the setting to choose the volume level you prefer (see table below). The default setting is "Standard".

Volume	Standard	Loud	Off	Standard
Setting sound	—	Two long beeps	Long beep	Two short beeps

(Default)

Note

- It is not possible to adjust the door alarm and the operation sound to different volume levels.
- If you set the volume level to "Off", the display will not blink during a door alarm.
- Even if the volume is set to "Off", the "Ice Maker Cleaning" alarm will sound.
→ Pg.71
- The setting returns to "Standard" after the power plug is disconnected and reconnected, or after operation restarts following a power outage.

Triple power deodorizing effect

Deodorizes various odors in the refrigerator including the four major odors of sulfur, nitrogen, aldehyde, and acid, by combining three types of deodorizing materials. In addition, it suppresses the activity of bacteria collected in the filter. The deodorizing filter has a sterilizing effect.

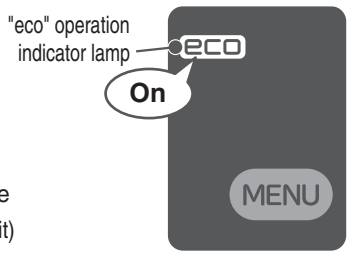
- Testing institute: Boken Quality Evaluation Institute
- Test method: Film contact method (JIS Z 2801)
- Part treated: Filter
- Sterilization method: Apply oxidation catalyst to filter
- Target: Bacteria collected in the filter
- Test result: Sterilization effect of 99% after 24 hours using the filter only

The above is the result of the test performed to evaluate the sterilization effect of the filter. This does not always have an effect on the entire refrigerator or foods.

SAVING ENERGY

"eco" operation indicator lamp

When the operation is relatively stable, eco automatically lights up to inform you of energy saving operation.
Use this indicator lamp as a reference for using the refrigerator wisely, such as by opening and closing the doors infrequently and putting food in and taking it out quickly.



Note

If eco does not light, the following reasons are possible.

- The refrigerator has just been installed or many foods have been stored at once
- The doors have been opened and closed frequently (the [Door open/close indicator lamp] is lit)
- Food or a bag is stuck in a door so that it cannot close completely
- "Quick" or "Quick Cool" is activated
- The temperature around the refrigerator is approx. 35°C or higher

"Energy Saving" mode

When set to "Energy Saving" mode, the cooling of each compartment is reduced to save energy.

If you open the refrigerator door for 30 seconds or more, the LED lights inside the Refrigerator Compartment and the Vacuum Compartment dim to remind you to close the door quickly. If the doors are not opened for a long period of time, **the interior is cooled more slowly to further reduce energy consumption.**

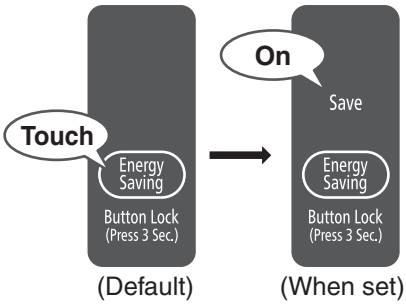
To activate "Energy Saving" mode

1 **Touch MENU to activate the display.**

All indicator lamps are activated, and then the current settings are displayed.

2 **The default setting for "Energy Saving" mode is "Off" ("Save" indicator: Off).**

Touch Energy Saving to activate "Save" indicator.



To cancel "Energy Saving" mode

1 **Touch MENU to activate the display.**

All indicator lamps are activated, and then the current settings are displayed.

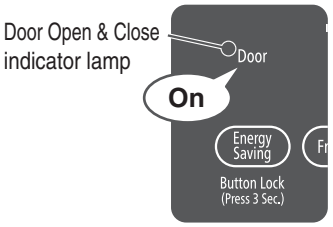
2 **Touch Energy Saving to deactivate "Save" indicator.**

Note

- **Automatic temperature control lowers cooling loads, which may cause ice cream to become soft. It also requires more time for freezing and ice making.**
- The "Save" indicator lamp is turned on during "Energy Saving" mode.
- If "Quick" or "Quick Cool" is activated while "Save" is activated, the "Save" setting is temporarily canceled. After the "Quick" or "Quick Cool" operations are completed, "Save" is restored.
- If you have already set one or both of the "Freezer Compartment" and "Refrigerator Compartment" temperature to "■", cooling is not reduced further in order to ensure that food is kept fresh.
- If "Energy Saving" mode is activated while "Veg" is activated, cooling is reduced starting from "Veg". → Pg.63

Door Open & Close indicator lamp

If you open and close the doors too frequently, Door automatically turns on to notify you.
Use this indicator lamp as a reference for using the refrigerator wisely, such as by opening and closing the doors infrequently and putting food in and taking it out quickly.



Note

- Door turns off automatically after about 5 minutes.
- When Door is lit, eco does not light.

MAINTENANCE

⚠ WARNING | **Be sure to remove the power plug from the outlet before cleaning.**

■ If you notice dirt

Wipe it off immediately. It is also recommended to clean once a year.

Power plug — Once or twice a year

Unplug the power plug from the outlet and remove any dust with a dry cloth.

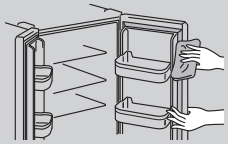


To prevent fire or electric shock → Pg.44

Door gasket — Once a month

Clean with a soft cloth moistened with warm water to remove dirt.

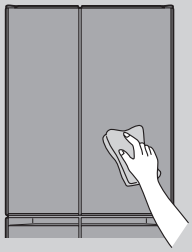
This area is easily soiled, so wipe the dirt off thoroughly.



Door surfaces — Once a month

Clean with a soft cloth moistened with warm water to remove stains, and then wipe with a dry cloth.

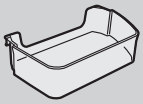
If you find tape glue on the glass surfaces, you can remove it by rubbing it with a plastic eraser and wiping it with a dry cloth.





Shelves and Pockets — Once every 3 months

Clean with a soft cloth moistened with warm water to remove dirt.

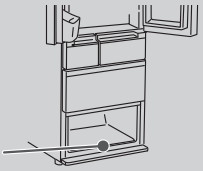


How to remove → Pg.72

Liquid receiver — Once a month

Clean with a soft cloth moistened with warm water to remove dirt.

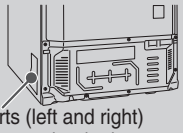
If liquid has collected or the liquid receiver has become dirty, wipe it off.



Liquid receiver

Refrigerator back/sides/bottom — Once or twice a year

Remove the leg cover, lift the adjustable mounts from the floor, pull the refrigerator toward you, and wipe off the dirt.

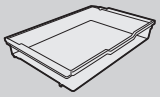


Plastic parts (left and right)
※Do not remove the plastic parts.

- Fine dust tends to adhere to the back surface or the area around the plastic parts on the sides of the refrigerator at the bottom due to the convection of air and it becomes dirty easily. For floors that can easily be scratched, put down a protective board or similar.
- If you are concerned about vibration noise or the back wall becoming discolored or dirty due to moisture, install the refrigerator 2 cm or more away from the back wall.

Cases — Once every 3 months

Clean with a soft cloth moistened with warm water to remove dirt.



If you wash the Vegetable Compartment lower case with water, turn it over to drain the water, then wipe off the water thoroughly. Do not use long-haired items such as a toothbrush or scrubbing brush. They may scratch the cases or break the moisture unit.

How to remove → Pg.73

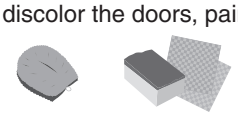
※ Do not wash the platinum catalyst with water.

Request

- Do not use any of the following as they may damage or discolor the doors, painted surfaces, plastic, or glass surfaces.



Alkaline, weak alkaline kitchen detergents (other than neutral), glass cleaners, chlorine bleach



Scourer, polishing sponge, chemical cloth



Polishing powder, soap powder



Benzine, thinner, alcohol



Hot water

Check the "Liquidity" column of the "Labeling based on the Household Goods Quality Labeling Act" for detergents.

- If you spill edible oil, citrus juice, or food juice on any parts of the refrigerator, be sure to wipe it off. The parts may become discolored or crack.
- Do not wipe the movable contact surfaces of the cases and slide door rails, as they are coated with lubricant.
- If you attach a magnet or suction cup to the side of the main body or to a door, it may leave a mark.
- When the power plug is unplugged, the settings on the Control Panel may be canceled. Set them again according to your preference.

Vacuum Compartment Once a month

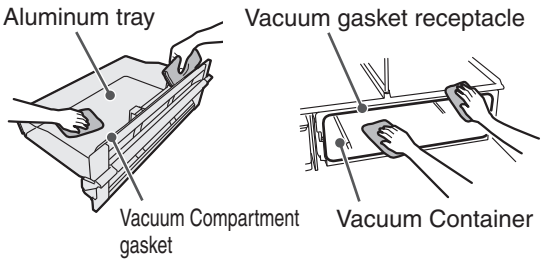
1 Pull the Vacuum Case forward.

How to remove →Pg.72

Please remove the food stored in the Vacuum Case.

2 Wipe each part with a soft cloth moistened with warm water.

※ Do not use detergent, etc.



Request

- Gently wipe the inside top of the compartment (LED lamp inside the compartment). Wiping with excessive force may cause breakage.
- If you use detergent, etc., the Vacuum Compartment gasket may break, deform, or become discolored, and may not be able to maintain a vacuum state.

3 Attach the Vacuum Compartment.

How to attach →Pg.72

If the Vacuum Compartment gasket is loose or the Vacuum Compartment rattles, the vacuum cannot be maintained.

If the Vacuum Compartment gasket is extremely dirty

1 Rinse the dirty area with a soft sponge.

※ Do not use detergent, etc.

2 Wipe off the moisture with a dry cloth and allow it to air dry.

MAINTENANCE (Continued)

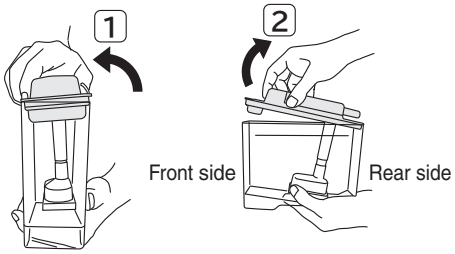
Water Supply Tank

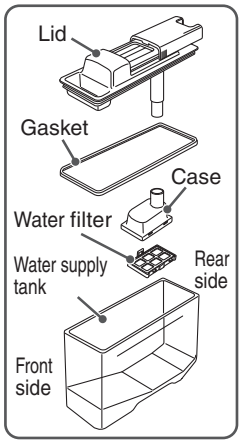
Once a week

1 Take out the water supply tank and remove the lid.

1 Tilt the lid in the direction of the arrow.

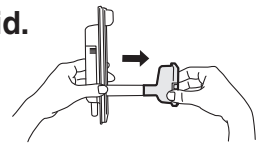
2 Lift the front side of the lid.





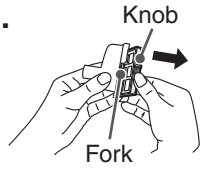
2 Remove the gasket and case from the lid.

Pull the case to remove it from the lid.



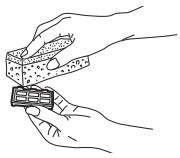
3 Remove the water filter from the case.

Pull the knob of the water filter to remove it from the fork, and remove the case.



4 Wash each part of the water supply tank with water.

Use a soft sponge.
Do not use detergent, etc.

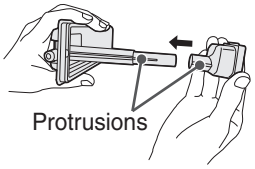


Note

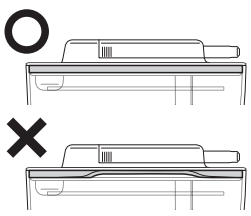
● The water filter should be replaced about every 3 to 4 years. → Pg.81

5 Attach each part of the water supply tank, add water, and position it in place.

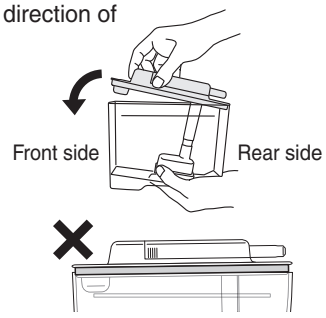
Insert the lid and case so that the protrusions are aligned.



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



The gasket is twisted.



The lid is not closed properly and is lifted up.

Request

If you will not be using the automatic ice maker for a long time, after cleaning the water supply tank, dry it carefully and position it in place. (It is especially important to dry the water filter thoroughly.)

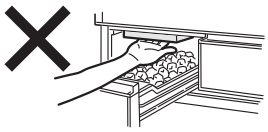
Ice maker cleaning

When using the automatic ice maker for the first time

When it has not been used for a week or longer

⚠ WARNING

Do not touch the mechanical part of the automatic ice maker.
(Doing so may cause injury.)



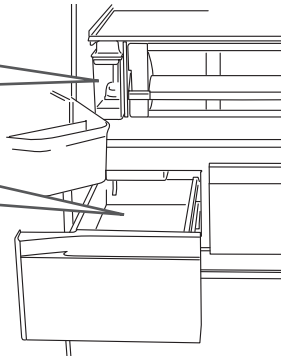
Rinse the ice tray and water channel.

Preparation

Before operating performing "Ice Maker Cleaning", confirm the following.

Water supply tank
- There is water up to the container full line.
- It is positioned correctly past the container set position.

Ice case
- If there is any ice in the ice case, remove it.



After checking the items on the left, do the following.

1 Close all the doors.

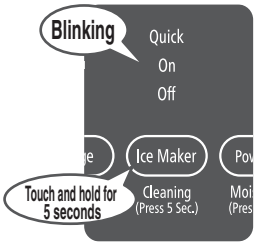
2 Touch MENU to activate the display.

All indicator lamps are activated, and then the current settings are displayed.

3 Touch and hold Ice Maker for 5 seconds or longer until the alarm sounds.

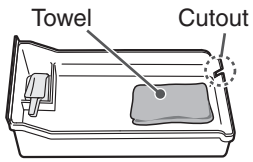
The three indicators "Quick", "On", and "Off" blink at the same time, and "Ice Maker Cleaning" starts. (About 4 minutes)

- The lamp blinks for about 4 minutes and the alarm continues to sound.
- You cannot cancel "Ice maker cleaning" partway through.
- If you open one of the refrigerator doors during "Ice maker cleaning", it may not work properly. Do not open or close any of the doors until "Ice maker cleaning" is finished.
- The alarm will be activated even if the door alarm is set to "Off". → Pg.65



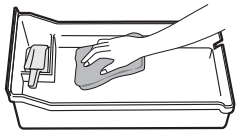
4 When the alarm stops, lay a clean towel on the bottom of the Ice Case to block the cutout at the rear.

Place a water-absorbing towel on the bottom of the Ice Case to prevent water that has collected during the ice maker cleaning process from spilling out of the cutout.



5 Remove the Ice Case, wipe off the water inside, and then place it into the Ice Compartment.

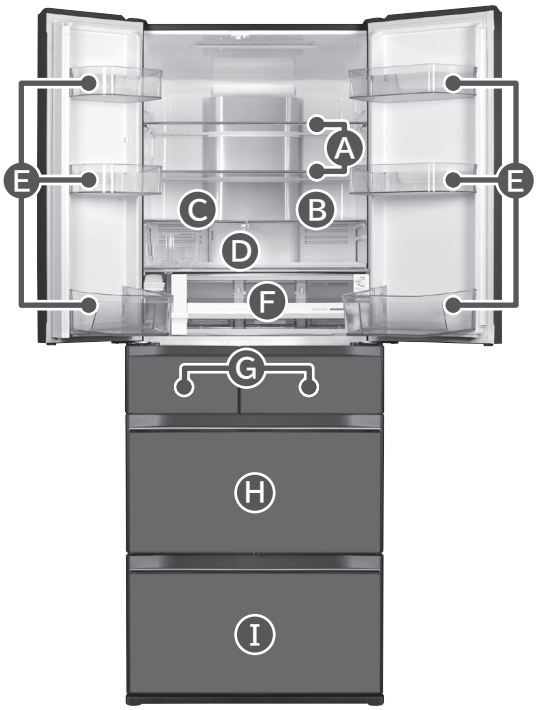
Remove the towel you used to wipe off water.
You may continue to use the remaining water in the water supply tank.
After "Ice Maker Cleaning" is complete, the refrigerator resumes back to "On".



HOW TO REMOVE/ATTACH PARTS

Caution

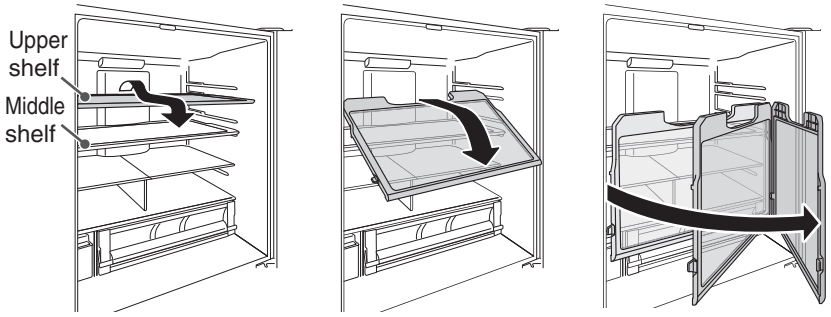
- Before removing parts, remove any food inside.
- Do not remove parts except the ones listed here.
  Please contact a Hitachi customer service center if you wish to remove and clean such parts. → Pg.84
- Do not remove the platinum catalysts in the Vacuum Compartment and Vegetable Compartment. Also, do not wash them with water.



A Height adjustable upper and middle shelf

Request To remove the shelves, remove the upper shelves first, then remove the lower shelves.
To attach the shelves, attach the lower shelves first.

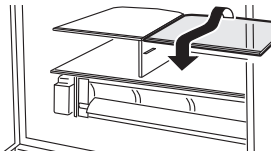
1 **Lift the back of the shelf a little and pull it toward you.** **2** **Raise the shelf as shown in the drawing.** **3** **Rotate and remove it.**



Caution The glass shelves are heavy. Take care when removing/attaching them. If a shelf falls, you may be injured or the shelf may break.

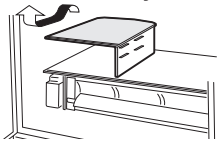
B Height adjustable lower shelf

Lift up the whole shelf a little and remove it.



C Fixed shelf

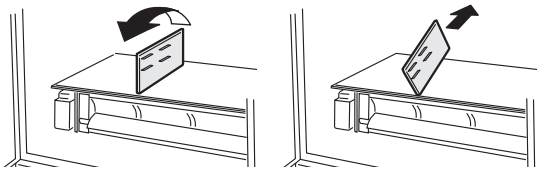
While holding the shelf partition, lift the back of the shelf a little and pull it toward you.



At this time, first remove the lower height adjustable shelf.

D Shelf partition

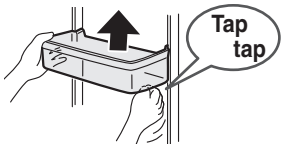
1 **Hold the back and rotate it toward you.** **2** **Remove it while pushing it inward.**



E Door pockets

Gently tap the left and right sides at the bottom and lift to remove.
(The door pockets are fixed firmly)

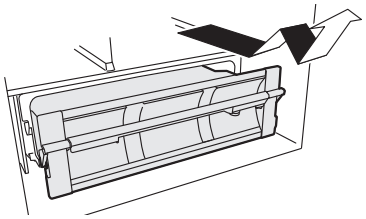
Caution When attaching, attach them firmly as far as they will go.
If they are not attached properly, they may come off and fall, resulting in injury.



F Vacuum Case

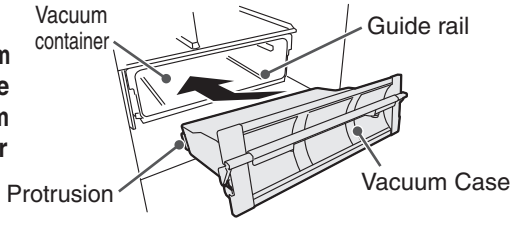
How to remove

Pull out the Vacuum Case, lift the front lightly and pull it diagonally upward.



How to attach

Slide the left and right protrusions of the Vacuum Compartment under the guide rails of the vacuum container. Finally, lower the handle to lock.

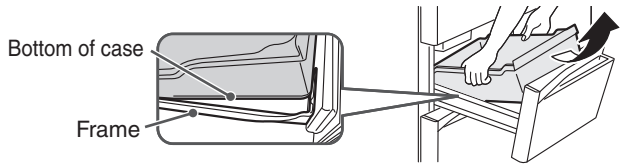


Request Make sure that the Vacuum Case is correctly attached by moving it in and out several times after attachment.

G Ice Case (Ice Compartment) and Upper Freezer case (Upper Freezer)

Open the door and lift the case toward you.

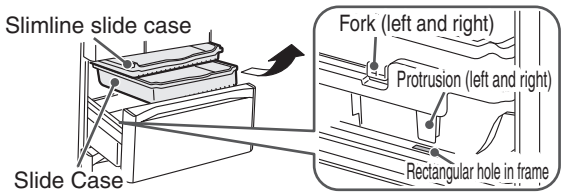
When attaching, place the bottom of the case on the frame to set it in place.



H Slide Case and Lower freezer case (Lower Freezer)

1 Open the door and pull out the Slide Case.

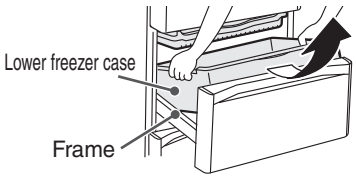
Caution ● The Slimline slide case cannot be removed.



When attaching, insert the left and right protrusions of the large item case into the rectangular holes of the frame and set it in place.
Then, set the left and right forks of the Slide Case in place on the outside of the Lower freezer case.

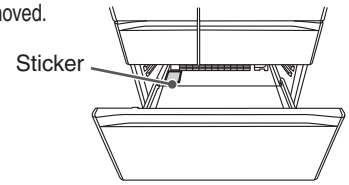
2 Lift the Lower freezer case toward you.

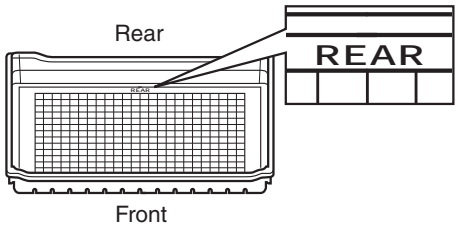
Caution ● The partition cannot be removed.



● Attach the Slide Case with the word "REAR" at the back side.
If it is not set properly, there may be a strange noise when opening or closing the door, or it may cause the door to remain partially open.

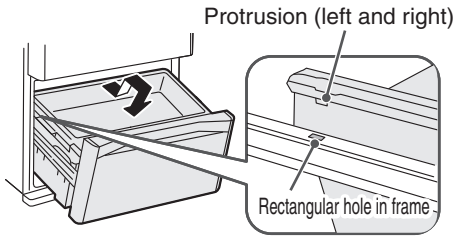
Caution ● Do not remove the sticker.



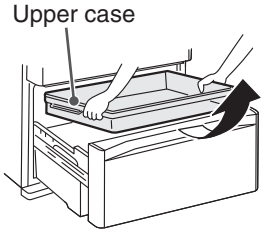


I Upper Case and Lower Case (Vegetable Compartment)

1 Open the door as far as it will go, lift both ends toward you, pull it out more slowly, and lower it to the floor.

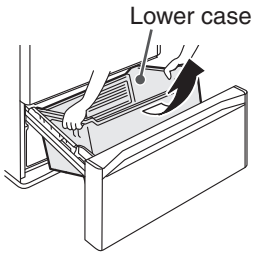


2 Pull up the upper case.



3 Lift the lower case forward.

Caution ● The partition cannot be removed.



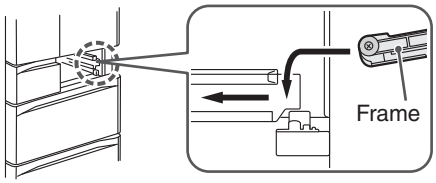
Caution
● Be sure to keep your feet far enough away when opening the door. You may pinch your foot with the door.
● Note that water may drip from the back of the lower case.

If it is not set properly, there may be a strange noise when opening or closing the door, or it may cause the door to remain partially open.

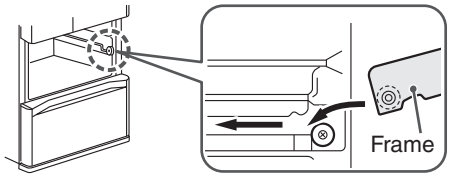
Note ● **If the upper case is not attached correctly, parts such as the case may break.**
After attaching, slide the upper case back and forth to check that it is attached correctly.

How to remove/attach the slide door (Ice Compartment/Upper Freezer/Lower Freezer/Vegetable Compartment)

Ice Compartment/Upper Freezer



Lower Freezer/Vegetable Compartment



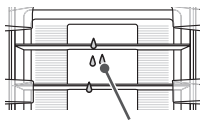
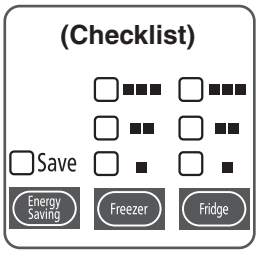
TROUBLESHOOTING

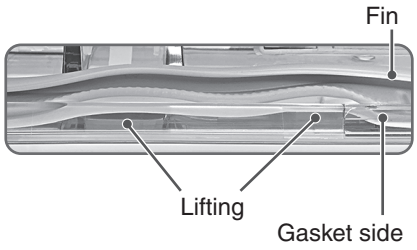
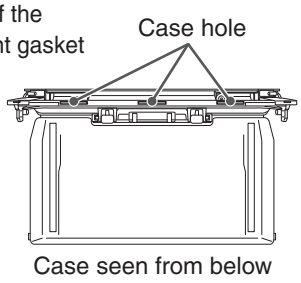
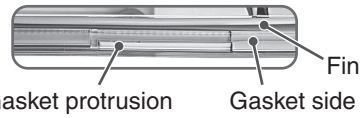
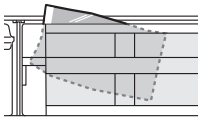
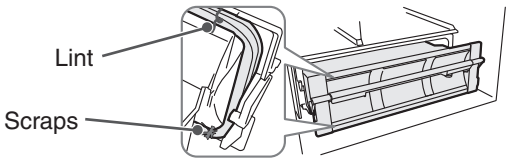
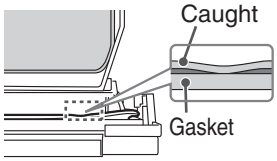
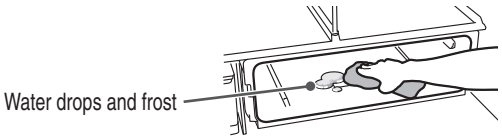
Check the following points before calling for repair. If the refrigerator still does not work correctly, contact a Hitachi customer service center for product information and handling of the problem. → Pg.84

	Symptoms	Checks	Possible Cause
Initial stage	**Not cold**	Have 24 hours passed since the installation?	Cooling may take 24hours or more. Place food at interval time and refrain from opening and closing the door within 24hours. Cooling will take a longer time during summer or when large amount of food is stored.
Initial stage	**There is no ice**	Have 24 hours passed since the installation?	As the entire refrigerator is not cooled immediately after installation, it takes more than 24 hours for the first ice to be made. Place food at appropriate intervals, refrain from opening and closing the doors as much as possible, and wait.
Control Panel	**Control Panel is not working**	Is lit in the Display Section? If yes, the Operation mode is locked.	Deactivate 'Lock' mode. → Pg.64
		Is a Refrigerator Compartment door open?	Please close the door after use.
		Are there water drops or dirt on the Control Panel?	Remove the dirt with a damp cloth and then wipe it with a dry cloth.
		Are you wearing gloves or do you have a plaster on your finger?	Touch directly with your finger.
		Are you touching another area of the touch panel at the same time?	Touch only the area you wish to operate.
Control Panel	**The Operation Section is unlit.**	———	The Operation Section goes out about 40 seconds after the completion of operation to save energy. → Pg.52 To turn it back on, touch MENU or open a door of the Refrigerator Compartment.
Refrigerator is not cold	**Not cold enough Ice cream is soft.**	Is food or a bag stuck in a door so that it cannot close completely?	Remove the food and close the door. Ensure the height of the food do not exceed the limit.
		Have you packed food in forcibly or put a large amount of food in the refrigerator at once?	Keep gaps between food when storing it.
		Are the cases for each compartment attached properly?	Attach them properly. → Pg.73
		It may be difficult to cool depending on the location where the refrigerator is installed, the gaps, and the surrounding conditions.	Check if the refrigerator is installed correctly. → Pg.48
		Is "Energy Saving" mode activated?	Deactivate "Energy Saving" mode. → Pg.66
		Is the temperature set to "■"?	Change the temperature setting of the compartment which does not cool well. → Pg.53
		Is the ambient temperature around the refrigerator too high, such as in summer?	
		Did you open one of the doors for a long time or did you open and close it too frequently?	The temperature inside the refrigerator gradually rises while one of the refrigerator doors is open. Frequently opening and closing the doors or leaving a door open for a long time makes it difficult for the temperature in the refrigerator to drop. Open and close the doors quickly or open and close them as little as possible.
		Does the Control Panel display change continuously?	The refrigerator is in Store mode. Deactivate this mode. → Pg.76

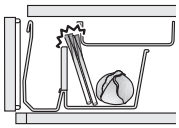
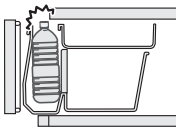
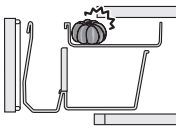
Symptoms		Checks	Possible Cause
Automatic ice making	**Ice-maker is not working**	Is 'Off' lit on the control panel? If yes, the 'Ice-making' mode has been turned off.	Activate "On" or "Quick" mode. → Pg.58, 59
		Is "Water" lit on the control panel? The water in the water supply tank is low.	Add water into the water supply tank. → Pg.58, 59
		Is the water in the water supply tank low?	If the water in the tank is low, ice may not be made. Add water until water level reaches the "Container full line" of the water supply tank. → Pg.58
		Is the water supply tank beyond the "Container set position" line?	Push it beyond the "Container set position" line. → Pg.58
		Is anything other than ice stored in the Ice Case?	Remove it from the Ice Case.
	It takes a long time to make ice.	Is the Ice Case filled with ice over the limit line for stored ice?	Remove some ice. → Pg.59
		Are you opening the doors frequently or storing a large amount of food at once?	The inside is not cooled down enough. Minimize the opening and closing frequency of the doors until it is entirely cooled. Allow enough spacing between each item of stored food.
		Is the surrounding temperature low?	Ice making takes more than four hours during winter. Refrain from opening and closing the doors frequently and wait.
		Did you just change the Ice Maker setting from "Off (stop ice making)" to "On"?	Ice making may take time immediately after changing the setting. Refrain from opening and closing the doors frequently and wait.
		Are there any food or package stuck in between the door of the Freezer or Ice Compartments preventing the door from closing completely?	Remove the food and close the door.
		Is “Energy Saving” mode activated ?	Deactivate "Energy Saving" mode. → Pg.66
	There are protrusions on the ice.	———	This is caused by frozen water collected in the ice tray grooves. It is not a fault.
	Stored ice becomes round. Ice cubes adhere together.	Is old ice left unused for a long time?	Old ice cubes naturally shrink and stick together. There is no problem as long as the ice cubes can be separated with the ice scoop.
		Are you opening the doors frequently or storing a large amount of food at once?	Open and close the doors quickly or open and close them as little as possible.
		Was one the Refrigerator Compartment doors or slide doors temporarily left partially open?	When closing the door, close it fully.
	The ice maker makes small ice cubes.	Is the water in the water supply tank low?	When water is low, small ice cubes may be made. Add water until water level reaches the "Container full line" of the Water Supply Tank. → Pg.58
	Freshly-made ice cubes adhere together.	———	Water accumulated in the ice tray grooves may freeze and the ice cubes may adhere together. It does not indicate any fault.
	There are white impurities in the ice cubes.	———	This is due to the air bubble formed in the ice.
		Did you use mineral water to make ice?	The minerals contained in the water may freeze and turn white, but this is harmless.
	When not making ice	———	Activate 'Off(stop ice making)' mode. See "Do not make ice (stop ice making)". → Pg.59

TROUBLESHOOTING (Continued)

	Symptoms	Checks	Possible Cause
Frost and/or condensation formed	**There is frost, condensation, or ice on the inside of the refrigerator or slide door frame.**	Was one the Refrigerator Compartment doors or slide doors temporarily left partially open?	When closing slide doors and doors, make sure that no food or bags are caught, and close them properly.
		Did you open one of the doors for a long time or did you open and close it too frequently?	When a door is opened or closed, water in the air may cling to the walls or parts in the Freezer in the form of frost or ice. Open and close the doors quickly, or reduce the frequency of opening and closing the doors. Wipe off any frost or condensation with a dry cloth.
	Condensation adheres to the outside of the refrigerator.	Is the air surrounding the refrigerator humid?	Condensation may adhere to these parts when the indoor humidity is high (e.g. rainy day). Wipe off the condensation with a dry cloth.
		Is the temperature set to "■■■"?	When the temperature is set to "■■■", condensation may be formed on the surface of the doors. Set the temperature to "■■". Wipe off the condensation with a dry cloth. → Pg.53
	There is condensation on the back of the refrigerator and the walls.	Is the humidity around the refrigerator too high or is the gap between the back of the refrigerator and the wall too narrow?	Keep the back of the refrigerator at least 2 cm away from the wall. → Pg.48
	There is condensation inside the Refrigerator Compartment.	Did you open one of the doors for a long time or did you open and close it too frequently?	Condensation may form on the walls and/or around the Cold Air Blowout Port when the doors are opened and closed frequently or when the humidity is high around the refrigerator. It does not indicate any fault. Wipe off the condensation with a dry cloth.  Condensation
The lamp on the Control Panel blinks	**3 or more temperature control lamps for energy saving/freezer/fridge are blinking.**	For energy saving/freezer/fridge, check each of the seven lamps "■■■/■■/■" to see if they are blinking or off.	Place a ☑ mark on which lamps are blinking and contact a Hitachi customer service center for repair. → Pg.84 If you record the information, the problem will be communicated accurately. 
	Ice Maker "On" indicator lamp blinking or Freezer "■■■/■" and Fridge "■" indicator lamp blinking	Did you place food or ice other than ice made by the automatic ice maker in the Ice Compartment?	Food, etc. may be blocking the ice tray. Empty the Ice Compartment and perform "Ice Maker Cleaning". → Pg.71
	The Ice Maker "Quick", "On", and "Off" indicator lamps blink simultaneously.	Did you touch and hold Ice Maker for 5 seconds or longer?	Ice Maker Cleaning is in progress. The indicator lamps will stop blinking in about 4 minutes. Do not open any of the refrigerator doors while the indicator lamps are blinking.
	All the indicators are blinking.	Is the door opened? Is the door opened due to food stuck in between?	Close the opened-door. Remove the food stuck inbetween and close the door properly.
	The lit lamps are changing continuously.	———	The refrigerator is in Store mode Cancel this mode. The refrigerator does not cool in Store mode. Open the Refrigerator Compartment doors (left and right) and the Freezer Compartment lower door. Touch MENU on the Control Panel to light up the display. Touch and hold Freezer for 10 seconds or longer until you hear two short beeps. All the indicator lamps light for a few seconds, Store mode is released, and cooling operation resumed. Close the Refrigerator Compartment doors (left and right) and the Freezer Compartment lower door.

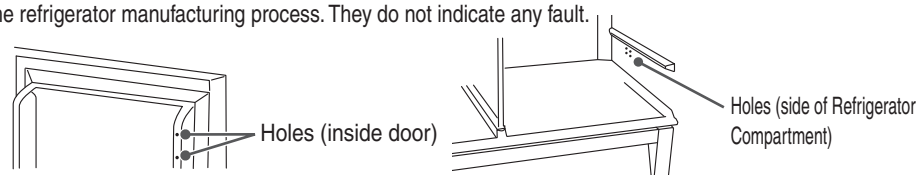
Symptoms		Checks	Possible Cause
There is some concern about the Vacuum Compartment	There is no "Rushing air sound" when opening the Vacuum Compartment. 	Is the setting of the Vacuum Compartment "Off"?	Change the setting to "On". → Pg.57
		Is the handle raised?	Firmly press down on the handle to lock it.
		Is the handle pushed all the way down and locked?	If the Vacuum Compartment is not locked, a vacuum will not be created. Push the Vacuum Case all the way in, and then push the handle down as far as it will go to lock it.
		Is the Vacuum Compartment gasket misaligned? Or, is the gasket lifted up? 	Align the protrusion of the Vacuum Compartment gasket with the hole of the case to attach it. Insert the gasket as far as it will go without lifting up.  
		Is food packaging caught in the Vacuum Compartment gasket or vacuum gasket receptacle, or is dirt, lint, or a scrap attached?  	If food packaging is caught, remove it. Clean the Vacuum Compartment gasket if it is dirty. → Pg.69
		Is the gasket caught? 	If the gasket is caught, the vacuum cannot be maintained. Straighten any parts of the gasket that are caught. → Pg.72 The left and right sides and the underside are hard to see, so please remove the Vacuum Compartment Case to check. Clean the Vacuum Compartment gasket if it is dirty. → Pg.69
		Was the door of the Vacuum Compartment or the Refrigerator Compartment just opened / closed?	It takes about three to four minutes for the Vacuum Compartment to be vacuumed after the vacuum pump starts to operate. Wait for more than four minutes after opening or closing.
	It is not clear whether the Vacuum Compartment has been vacuumized.	Do you hear a sound when opening the Vacuum Compartment?	The Vacuum Compartment has been vacuumized properly if a vacuum releasing sound (rushing air sound) is heard when opening it.
	The handle cannot be locked.	Is there any food, etc. caught in the inner part of the Vacuum Case or the Vacuum Compartment gasket?	Remove any food if it is caught.
		Is the Vacuum Case set in place?	Attach the Vacuum Case as shown in "How to attach". → Pg.72
	Booming sound and vibration occur around the Vacuum Compartment.	———	This sound is caused when the vacuum pump operates. You can stop the vacuum pump operation when you want to stop the sound (e.g. night time). Change the setting of the Vacuum Compartment to "Off" (Non-vacuum). → Pg.57
		Is something caught in the Vacuum Case or is the Vacuum Compartment gasket dirty? Is the handle pushed all the way down and locked?	A sound may be heard or vibration may be felt more frequently. Remove any packaging material of foods or other items that are caught. Clean the Vacuum Compartment gasket if it is dirty. → Pg.69 Fully press down on the handle to lock it.
	Water drops, frost or ice is formed the inside of the Vacuum Case or around the Vacuum Compartment.	Are you storing food with high water content? 	Moisture from food with high water content may cause condensation and/or frost to adhere inside the Vacuum Compartment because it is sealed. It is recommend to wrap foods with high water content in cellophane wrap. If there are water drops or frost, wipe with a soft cloth moistened with warm water.

TROUBLESHOOTING (Continued)

	Symptoms	Checks	Possible Cause
There is some concern about the Vegetable Compartment	**Condensation forms inside the Vegetable Compartment.**	Are you storing a large amount of vegetables with high water content?	Since the humidity in the Vegetable Compartment is higher than in other compartments, condensation may form on the case, top, or surfaces of food depending on the amount and type of vegetables. It does not indicate any fault. If you are concerned about condensation, it is recommend to wrap the food in cellophane wrap. Also, if there is a large amount of condensation, water may accumulate in the Vegetable Compartment case. Wipe off any accumulated water with a soft cloth.
		Is the moisture unit blocked by food bags or containers?	Condensation is more likely to occur if the moisture unit is blocked. Move the food bag or container blocking the moisture unit to another location. Wipe off any condensation with a soft cloth.
	The Vegetable Compartment door doesn't close / When the Vegetable Compartment door is opened, the upper case doesn't go back to the locking position.	Is any food, etc. caught between the upper case and the lower case? 	Remove it if any.
		Is a plastic bottle and/or food item in contact with the handle of the upper case? 	Store the plastic bottle, food, etc. so that it doesn't come into contact with the handle.
		Is any food, etc. caught between the upper case and the top of the Vegetable Compartment? 	Remove it if any. Also, do not forcibly close the door when food, etc. is in contact with the top of the Vegetable Compartment.
There is some concern about uneven height or tilting of the doors	**There is a height difference between the left and right doors. The door is tilted.**	Is the floor even?	You can use the refrigerator as it is without any problems in terms of performance, but if you are concerned, make adjustments with the left and right adjustable mounts. → Pg.48
		Is the floor material soft and is the added weight of the stored items causing the legs to sink?	If the refrigerator body is tilting, install it on a sturdy board with a thickness of 1 cm or more.
Strange smell	**There is a smell of plastic.**	———	This is because many plastic parts are used in the refrigerator, but the smell gradually decreases as the refrigerator cools fully.It does not indicate any fault.
	The ice smells.	Is the water supply tank or water filter dirty, or is the ice old?	Wash regularly to prevent sliminess and water stains. → Pg.70, 71
		———	There may be a strong smell of chlorine because the chlorine in tap water is condensed.
	The inside of the refrigerator smells.	Did you store any foods with strong smells without wrapping them?	The deodorizing function cannot completely remove all odors. Seal the food, such as wrapping it in cellophane wrap.

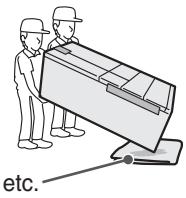
Symptoms		Checks	Possible Cause
Refrigerator is too cold	**The refrigerator is too cold. Food freezes.**	Is the temperature set to "■■■"?	Set the temperature setting to "■■". → Pg.53
		Is the ambient temperature 5°C or below?	When the ambient temperature is low, the inside of the refrigerator may become too cold. Set the temperature setting to "■".
		Is the food placed in front of the Cold Air Blowout Port?	Do not place food in front of the Cold Air Blowout Port. You can prevent food from freezing by using a lid or cellophane wrap.
Refrigerator becomes hot	**The side of the refrigerator becomes hot. You feel a warm air current at your feet.**	———	The areas around the refrigerator can become hot as the heat generated by the cooling system is dissipated to the outside. Immediately after installation or in summer, the temperature may reach 50 to 60°C. Although there is no problem in terms of safety or performance, do not touch these areas.
There is some concern about noises	**Abnormal sound from the refrigerator**	Is the floor uneven?	Install the refrigerator on a sturdy board with a thickness of 1 cm or more. → Pg.48
		Is the refrigerator against the wall or furniture?	Install the refrigerator with space clearance around it please.
		Is the refrigerator cold?	Operation sound may be loud as the compressor is operating at high-speed under the following conditions: Operating for the first time, frequent opening and closing of door, high surrounding temperature.
		Is "Quick" or "Quick Cool" activated?	When "Quick" or "Quick Cool" mode is activated, the compressor and fan motor operate at high speed, causing a high noise level.
	The operating noise goes on for a long time.	———	Since the compressor is operated slowly to save energy, the operating noise may go on for a long time.
	Sometimes the noise gets louder.	———	The driving force changes according to temperature changes in the refrigerator. As a result, you may feel that the refrigerator is noisy sometimes.
	Others If you hear a noise like...	Water trinkling sound Water boiling sound Collision tapping sound Sizzling sound	This is the sound of the refrigerant flowing to cool the refrigerator, the sound of water flowing during defrosting, or the sound of evaporation. You may also hear noise from inside the refrigerator when you open one of the refrigerator doors. It does not indicate any fault.
		Squeaking, cracking and knocking sound	This is the sound of parts squeaking when the refrigerator temperature changes. It does not indicate any fault.
		Clacking sound Roaring sound Honking sound Banging sound	This is the sound of the electrical components that control the temperature inside the refrigerator. It does not indicate any fault.
		Sound of the automatic ice maker Motor noise Rattling noise Gurgling noise	This is the sound when ice leaves the automatic ice maker's ice tray or when water is poured into the ice tray. It does not indicate any fault. If you do not want to make ice, touch Ice Maker and set the mode to "Off." → Pg.59
		Occasional sounds (rattling) (grinding)	This is the sound of starting or ending the cooling of the refrigerator. It does not indicate any fault.

TROUBLESHOOTING (Continued)

	Symptoms	Possible Cause	
Others	**Electric shock when you touch the body of the refrigerator**	The refrigerator may be charged with static electricity. This is safe.	
	Static interference on radio and television	This is due to the very slight electromagnetic waves generated by this refrigerator. Install the refrigerator away from TVs, radios, entry phones, etc. Keep the power supply line away from any antenna wires.	
	There are thin hair lines on the plastic parts.	These lines are caused by liquid resin flowing when the plastic is molded. Especially visible on transparent parts. There is no issue with the quality and will not crack.	
	The door surfaces/the sides or top surface of the refrigerator are wavy or distorted.	Slight waving and/or distortions are generated in the manufacturing process of the refrigerator. They may be conspicuous depending on the position and brightness of the light source, but they are not a fault. Also, they do not affect the performance of the refrigerator.	
	There are small holes inside the door and on the side of the Refrigerator Compartment.	These holes are used to release the internal air when filling the doors and compartment with insulating material in the refrigerator manufacturing process. They do not indicate any fault.  ※ Depending on the product, stickers may be affixed. Do not remove these stickers.	
	There was a power outage.	Reduce the frequency of opening and closing the doors and avoid storing additional food until the power supply is restored. After the power is restored, check the settings on the Control Panel.	
	If you are not using the refrigerator for a long time.	Remove all the items in the refrigerator. Remove the power plug and clean the inside of the refrigerator and automatic ice maker. → Pg.68–71 Leave all the doors open for 2 or 3 days to dry the refrigerator.	
	Removing frost.	This refrigerator automatically defrosts, so no action is required. The thawed water collects in the evaporation tray and automatically evaporates.	
	Moving/transporting the refrigerator	See "Preparation for moving/transporting (moving house) ". → Pg.81	
	Broken glass (door glass/glass shelf)	Do not touch the broken glass, and immediately contact your dealer for repair.	
	When I close one door, another door opens.	Did you close the door with too much force? Since each compartment is connected by a cold air passage, other doors may open momentarily due to the change in air pressure when the door is closed.	
	It is hard to open the door immediately after closing it.	Did you leave the door open for a long time? This is because the air that has entered the refrigerator is suddenly cooled and the pressure temporarily drops. Rather than leaving the door open for a long time, open and close it each time you need to take something out or put something in.	
	If you are concerned about vibration noise or the back wall becoming discolored or dirty due to moisture	Install the refrigerator 2 cm or more away from the back wall. → Pg.48	
	A fly or other insect enters the refrigerator.	Are there flies near the refrigerator?	Keep the environment clean. Use an insect trapper.
		Does the refrigerator contain food with strong odors?	Cover or wrap the food.
		Has the door been left opened for a long time?	Close the refrigerator doors as quickly as possible after taking the food from the refrigerator.

Preparation for moving/transporting (moving house)

1. **Remove all the food and ice.**
2. **Pour away the water in the water supply tank and ice tray.**
   Remove the water supply tank and perform "Ice Maker Cleaning". → Pg.71
3. **Unplug the power plug.**
   This can be done just before moving the refrigerator.
4. **Remove the leg cover and raise the adjustable mounts.** → Pg.48
5. **Secure the door and power cord with tape.**
6. **Lay protective sheets or fabric when moving or transporting the refrigerator.**
   This is to prevent damage to the flooring and spillage of water.
7. **Place a cloth under the refrigerator, tilt the refrigerator backwards, and drain water from the bottom at the back.**



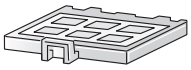
8. **Hold the carrying handle and carry the refrigerator with two or more people.**
   Do not stack the refrigerator horizontally when shipping it.
   (It may cause the refrigerator to malfunction)



9. **Install according to "Preparation before use".** → Pg.48, 49

AVAILABLE PARTS

■ **During the purchase of the following parts, please specify your refrigerator model. Only purchase parts from authorised dealers.**

When this happens	Product name	Model	Product model	
The ice smells. The water filter may be old and dirty. (The usage period is approximately 3 to 4 years)	Water filter for the automatic ice maker	Common to all models	RJK-30	

－MEMO－

有關碳氫化合物的雪櫃／可容納的食品重量
NOTES ON NON-CFC REFRIGERATORS/GUIDE ON TOTAL STORABLE WEIGHT

有關碳氫化合物的雪櫃　Notes on non-CFC refrigerators

- 本雪櫃所使用雪種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。雪種密封於雪種迴路管中，在一般的使用情況下應該不會發生外洩。
  但萬一有雪種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。

- This refrigerator uses hydrocarbons, instead of chlorofluorocarbons (CFCs), in its refrigerant and insulation materials. Hydrocarbons do not damage the ozone layer, have minimal impact on global warming, and are thus considered comparatively environment-friendly.
- Note that hydrocarbons are flammable. The refrigerant is sealed in the cooling circuit and should not leak under normal operation. If the cooling circuit is damaged, open a window to ventilate the room, and avoid using fire and electrical appliances. Keep your distance from the refrigerator, and contact a customer service center to request repair.

可容納的食品重量　Guide on total storable weight

可容納於層架或收納盒內的食品重量如下：
Refer to the following table as a guide on the total weight of food that can be stored on each shelf or in each container.

	零件名稱 Name of parts		R-HW610N 型號 R-HW610N Type	R-HW530N 型號 R-HW530N Type
冷藏室 Refrigerator compartment	可調式層架上段	Height adjustable upper shelf	17.5kg	16.5kg
	可調式層架中段	Height adjustable middle shelf	17.5kg	16.5kg
	可調式層架下段 , 固定層架	Height adjustable lower shelf, Fixed shelf	18.5kg	17.5kg
	真空保鮮室上方的層架	Shelf above the vacuum compartment	10.5kg	9.5kg
	真空保鮮室盒	Vacuum compartment	4.5kg	3.5kg
	雪櫃門置物架 (右側) 合計	Total for the right door pockets	18.0kg	16.0kg
	雪櫃門置物架 (左側) 合計	Total for the left door pockets	12.5kg	12.5kg
製冰室 Ice compartment	製冰盒 ➔ 19頁 Ice container ➔ Pg.59			
冰凍室上層 Upper freezer compartment	上層冰凍盒	Upper Freezer case	7.5kg	5.5kg
冰凍室下層 Lower freezer compartment	上層滑動盒	Slimline slide case	5.5kg	4.5kg
	中層滑動盒	Slide case	6.5kg	5.5kg
	下層冰凍盒	Lower freezer case	15.5kg	13.5kg
蔬果保鮮室 Vegetable compartment	上層滑動盒	Upper Case	6.5kg	5.0kg
	下層置物盒	Lower Case	18.0kg	16.5kg

關於廢棄之重要警告　Important notes on 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。

The insulation material of this refrigerator uses cyclopentane and other gases that require special procedures for safe disposal. To dispose of this refrigerator, please contact your local environmental protection agency (or some other relevant agency), and inquire about safe disposal procedures.

AFTER-SALES SERVICE
關於售後服務

Please contact one of the following Hitachi customer service centers if the power cord is damaged or maintenance is required.
If the refrigerator malfunctions, immediately unplug the power cord, and contact a customer service center to request repair.

電源線受損或需要維修時，請直接洽詢下列日立服務中心。
使用中出現異常現象時，請立即拔掉電源插頭以及聯絡售後服務中心以進行修理。

- Hong Kong
  Hitachi (Hong Kong) Ltd.
  18/F., Ever Gain Centre, 28 On Muk Street, Shatin,
  N.T., Hong Kong, China
  Tel: +852-2753-5386
  Fax: +852-2753-0993

- Singapore
  Hitachi Home Electronics Asia (S) Pte. Ltd.
  438A Alexandra Road, #01-01/02/03, Alexandra
  Technopark, Singapore 119967
  Tel: +65-6536-2520
  Fax: +65-6536-2521

- 香港
  香港日立有限公司
  中國 香港 新界 沙田 安睦街 28 號 永得利中心 18 樓
  Tel: +852-2753-5386
  Fax: +852-2753-0993