

使用說明書

HITACHI
Inspire the Next

日立多門電冰箱

家庭用

型號 R-KWC570KH R-KWC570KS



日本製

六門

切換室 (Selectable Zone Compartments) 購入時的設定

購買時，設定為
上層切換室「冷凍」、
下層切換室「冷藏」。
請切換為您需要的設定使用。

→ 29頁



非常感謝您購買日立電冰箱。

此電冰箱僅供家庭使用，請勿使用於商業用途和儲存食品以外的目的上。

請詳閱本使用說明書，以確保正確使用。

使用前請務必詳閱「安全上之注意事項」。

請妥善保管本使用說明書與保證書，當將電冰箱交給他人於別的場所使用時，以及交給回收工廠時，請將本使用說明書隨電冰箱一同轉交。

● 購買後初次使用時。 → 8, 9頁

初次使用時，庫內冷卻可能需要約4小時至24小時以上。

● 請遵守可容納食物的高度及食品之間空開間隙儲放。 → 30頁

過分塞堵食物，會造成食品及袋子被門夾住關不緊，製冷效率低，不能製冰等。

節省能源的使用方法

1.減少冰箱門的開閉，切勿時間過長

開閉次數多，冷氣向外流失，保冷效果差。

2.切勿塞滿過多的食物

一旦塞滿過多的食物，冷氣的流通循環不良，不僅無法讓冰箱內均一冷卻，而且還會消耗電力。存放食品時請適度地保留間隙。

3.將熱的食物放冷之後再放入冰箱

將熱的食物放入冰箱時，冰箱內部的溫度升高，周邊食物的溫度也隨之升高。

4.冰箱周邊應保留適當的間隙

若周邊無保留間隙時，冰箱無法散熱，而導致電力的浪費。

5.更換受損的冰箱門墊圈

因受損後所產生的間隙可讓冷氣流失，而導致電力的浪費。將名片等夾在其間，若因無法夾緊而滑落，請更換冰箱門的墊圈。

常見問題

無法製冰時

→ 40頁

冰箱內冷度不夠時

→ 40頁

結霜或結露時

→ 40頁

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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)



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)。

■ 此冰箱使用可燃性的冷煤。以下的標示欄記載關於可燃性冷煤的注意事項。



R600a

此圖示標示為可燃性冷煤的注意事項。

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。



禁止淋濕

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



電源及電源電線



禁止

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

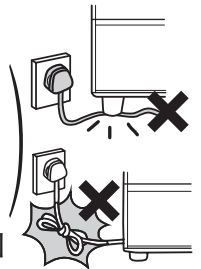


- 請勿讓電線、插頭破損。

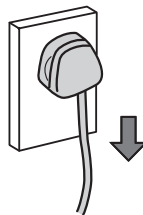
請勿讓電線受損、加工、接近發熱器具、勉強彎曲、扭曲、拉扯、乘載重物、讓冰箱壓住電線或捆綁電線。

在已受損的狀態下使用時，會引發觸電、短路、火災的危險。

- 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絕緣不良，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

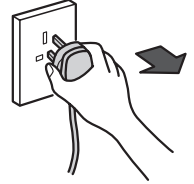


禁止濕手

- 請勿用潮濕的手，拔除插頭。
 - 會引起觸電。
- 本電器不能在沒有人員監督以及指示之下，讓體力、知覺、以及精神不健全的人獨自操作（包含小孩）。並請注意以及隨時監督切勿讓小孩玩耍本電器。



- 進行冰箱保養，請務必拔掉插頭。
 - 有觸電或受傷的危險。
- 35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。
 - 避免因電氣絕緣不足而引起觸電、火災。

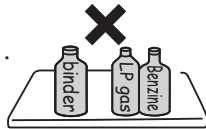


- 請勿將含水容器放在冰箱上。
 - 翻倒的水會造成電氣組件絕緣不良而發生漏電、火災、觸電的危險。



禁止

- 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。



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



- 請勿放置乾冰。
 - 放入袋中有破裂的危險。

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



- 請勿在冰箱上放置物品。
 - 避免因開閉箱門，造成物品掉落而受傷。



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



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

- 不要將箱門開得過大或靠在打開的箱門上等給箱門施加太強的力。

- 不要用力碰撞門。

- 請勿在設備後部放置多個可攜式插座或可攜式電源。



禁止接觸

- 請勿手觸自動製冰機的機械部位。
 - 製冰盤旋轉時，手恐怕會受傷。



- 請注意不要讓孩子們玩耍。



警告

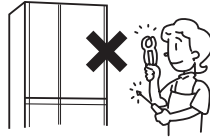


關於冷媒（由於這是一種可燃性的氣體 R600a: 異丁烷，請注意以下的事項。）



禁止

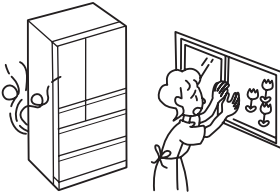
- 不可以螺絲等銳利物品刮傷冰箱雪櫃。
由於使用可燃性的冷媒，當冷媒從冰箱內壁的配管外洩，會有起火、爆炸的危險。



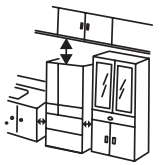
- 除廠商建議方法外，不得使用機械工具或其它工具來加速除霜的過程。
- 請勿在冰箱內部使用電器用品。
· 如冷媒外洩，電氣接點所產生的火花，會有起火、爆炸的危險。



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



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



- 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。
若冷媒外洩會有起火、爆炸的危險。



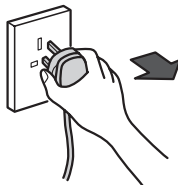
R600a

- 警告標籤和銘牌必須一直牢固張貼於壓縮器上和冰箱上。
- 使用過的可燃性製冷劑的處理、維修和安裝只能由日立授權服務公司或維修人員實施。

萬一有下列情形



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



禁止分解

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



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



關上開關

廢棄處理時



- 在等待廢棄物再利用保管之際，因有幼兒被誤困在箱內之虞，請將門墊拆下來。



關於無線區域網絡功能（利用無線區域網絡遠端遙控操作）



- 請勿在自動門等自動控制機器附近使用。
從無線區域網絡發出的電波有可能會影響到自動控制機器。可能是故障的原因。
- 請勿在醫療用電子機器的房間內使用。
從無線區域網絡發出的電波有可能會影響到醫療用電子機器。可能是故障的原因。
- 請勿將心律調整器靠近本機器。
從無線區域網絡發出的電波有可能會影響到心律調整器的正常運作。
安裝心律調整器的消費者使用本機器時請與專門醫生協談。

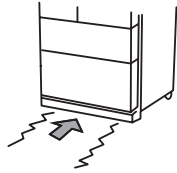
⚠ 注意

移動・搬運時

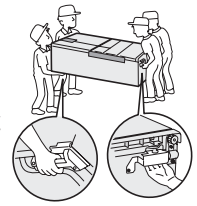


禁止

- 請勿在容易刮傷的地板上使用冰箱滑輪。
避免因滑輪而刮傷地板。
· 請在容易刮傷的地板上鋪上保護板。
- 請勿以吊車吊起把手部位。
- 請勿碰撞冰箱背面・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箱門朝上。
· 請不要用起重機等吊起把手。
· 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

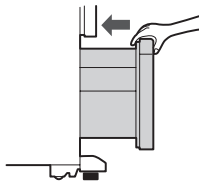


禁止

- 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，在關閉箱門時，可能會因掉落而受傷。
- 請勿將瓶子放在冷凍室內。
· 內容物結凍會使瓶子破裂，容易受傷。
- 當打開冰箱門時，若其他門也在進行開閉動作時，為了避免被打開的冰箱門之間夾傷手或手指，請格外注意。



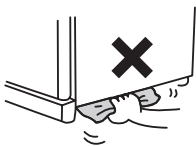
- 關閉冰箱門時，請勿握住冰箱門把手以外的部位進行關閉。



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



- 手腳不要放進冰箱的底部。
清理時將手伸入冰箱底下時，可能會被鐵板割傷。



- 請勿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。
· 避免因鈎到瓶罐後掉落而受傷。

- 開關冰箱門時，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，關閉冷藏室門。

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

- 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。
長時間門與冰箱間有縫隙時，結露水或除霜水可能會滴下。請確實關緊冰箱門讓門與冰箱之間沒有縫隙。
- 冰箱門開啟的狀態下，開啟其他的門時，請注意切勿被開啟的冰箱門夾傷手或手指。

- 因為玻璃層架很重，安裝、拆卸時請格外注意。

- 開閉冰箱門時，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

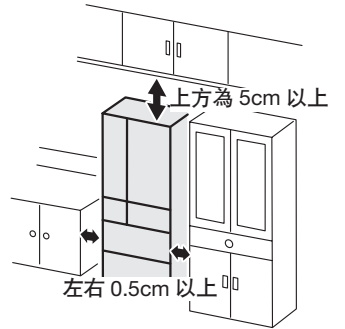
使用前的準備

1

設置在以下的場所

- 堅固・水平的地板
地毯・榻榻米（日式草蓆地板）・木板地・塑膠地板等恐怕會有變形・變色的可能，請墊（超過 1cm 厚的）板材。
- 避免陽光直射和高溫
這些可防止冷卻功率下降，避免電費增加。
- 不潮濕・空氣流通的地方
而且可抑制變色以及生銹。
- 與其他的電器間隔一段距離
防止對電視等造成雜音或影像不安定等情形。

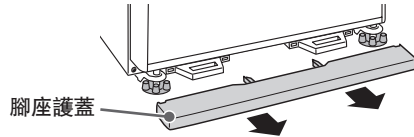
- 請預留散熱空間（右圖）
※ 雪櫃側面的中央部分是比所表示的尺寸稍大。
設置時請確保充裕的空間。
- ※ 若擔心背面牆壁變色或髒汙時，請預留間隙（2cm 以上）。另外也可以防止震動音，或濕氣較高時的背面牆壁的結露情形。



2

調整雪櫃水平後固定。

- #### 1 手持腳座護蓋，拉向身前即可卸下。



- #### 3 將調整墊放在調節腳的下方。（形狀 A・B 都是）

將調節腳調整至前後左右平衡的狀態。

- 在放入調整墊之前，請將調節腳的底部與地板擦拭乾淨。
若有髒汙時將有可能會刮傷地板。

- #### 4 旋轉左右的調節腳，直到碰觸到地板。

調整冷藏室的左右側門直到平行為止。

調節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。

當調節腳形狀為 A 時，請將專用工具依照調節腳形狀夾住。

當調節腳形狀為 B 時，請將十字螺絲刀插入。

2

確認調節腳的形狀。

調節腳的形狀因製造時期而異。

請確認調節腳的形狀，並調整一下。

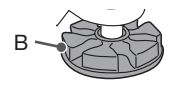
調節腳形狀為 A 時



專用工具

可用專用工具來調整。

調節腳形狀為 B 時



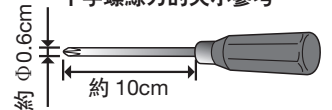
可用十字螺絲刀調整。

請使用附屬 [2 個] 調整墊。

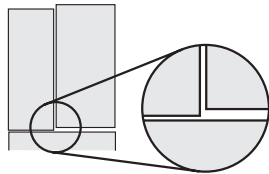


調整墊

十字螺絲刀的大小參考



■ 左側下歪



調節腳形狀為 A 時

順時針方向旋轉降低左邊的調節腳



專用工具（附屬品）

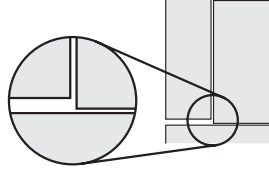
調節腳形狀為 B 時

順時針方向旋轉降低左邊的調節腳



十字螺絲刀

■ 右側下歪



調節腳形狀為 A 時

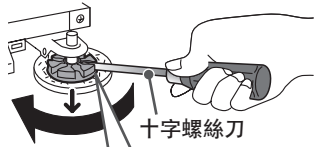
順時針方向旋轉降低右邊的調節腳



專用工具（附屬品）

調節腳形狀為 B 時

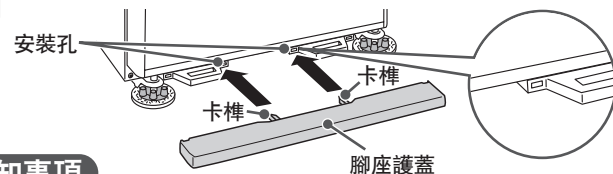
順時針方向旋轉降低右邊的調節腳



十字螺絲刀

- 旋轉調節腳時，請使用十字螺絲刀及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。

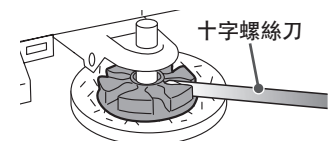
- #### 5 請將腳座護蓋的卡榫插入冰箱的安裝孔內安裝。



通知事項

- 包裝規格可能因製造時期而異，在品質方面沒有問題。
- 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。
- 可能會因雪櫃放置於非水平的場所，或是地板材質柔軟，而導致雪櫃門左右出現高低差。雖然功能上沒有問題，但若介意請按上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，手若放開後，雪櫃門可能會慢慢自行關上，此情況非故障。

使用十字螺絲刀時，請確實插入調節腳的溝部後旋轉。

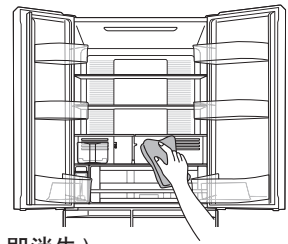


十字螺絲刀

3

清潔冰箱內部 → 35~37頁

- 請用沾濕的柔軟布擦拭後，再以乾布擦乾。
- 請將給水槽、淨水濾網、製冰盤以清水沖洗。
- ※ 抽屜門的滑軌及滑軌接觸面上塗有潤滑劑，請勿擦拭。
(該潤滑劑是符合食品衛生法)
- ※ 剛開始使用時可能會有些許塑膠的氣味。
若特別在意時，為了讓該氣味不留存在室內，請保持室內通風良好。(使用後此氣味不久即消失)



4

將電源插頭插入

設置後直接就可插上電源插頭。
請用獨立的插座。(電源 220 ~ 240V 額定電流 10A 以上)

- 請確認電源插頭及電線是否夾在冰箱背面及牆壁中間。為了防止電線發熱。

冰箱內開始冷卻 (冷卻冷藏室後，冷卻其他儲藏室 (製冰室、冷凍室、切換室))

- 根據冰箱周圍溫度、食品的存放方式不同，冰箱內充分冷卻約需要 4 小時。夏天天氣炎熱時，也有可能需要 24 小時以上。
在冰箱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，放入冰箱。
- 初次使用自動製冰時，請操作自動製冰機的「製冰機清潔」。[→ 37頁](#)
- 自動進行連續的製冰運轉是必須在冰箱內充分冷卻之後才能開始。
(初次使用時，最初的結冰可能需要花 24 小時以上。)
- 當冰箱內溫度較低時，插入電源插頭後有可能經過 10 分鐘才開始冷卻。

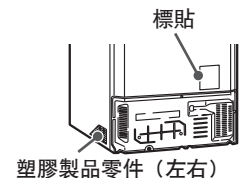
5

確認上層、下層切換室的設定

購買時，設定為上層切換室「冷凍」、下層切換室「冷藏」。
請切換為您需要的設定使用。[→ 29頁](#)

通知事項

- 配管有可能需要加以防鏽處理。
當冰箱設置在溫泉地區、工業地區周圍、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，不在保固對象之內。
- 將電源插頭插入後，會有馬達運轉聲音。此外，冰箱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冰箱雪櫃或冰箱門表面有可能會留下痕跡。
- 周圍溫度較高時，因冰箱門表面產生露水，貼在冰箱門的紙等，有可能會吸濕。



使用無線區域網絡時的注意事項

關於電波

若進行以下事項時，將有可能會受到法律處罰。

- 將本產品分解、改造
- 將名牌、內置無線設備的合格標識抹消

本產品在以下場所使用時，有可能會有通訊不穩定的情形。

- 在產生磁場、靜電、電波的地方（如微波爐等電器附近）
- 與本產品使用相同頻率（2.4GHz）的機器附近（如其他無線區域網絡、電腦附近機器等）
- 在被容易反射電波的金屬物覆蓋的場所
- 與無線區域網絡路由器距離過遠、或是與路由器之間有障礙物的場所。

使用頻率範圍

本產品內置無線設備，所使用的頻率是 2.4GHz。

為了利用本產品的所有功能，需要將智能手機與 2.4GHz 頻率的無線區域網絡連線。

為了避免其他無線機器的電波干擾，請注意下列事項。

本產品所使用的頻率範圍，除了微波爐等產品、科學及醫療機器之外，還運用在工廠的生產線所使用的移動物體識別的場內無線基地台（需要執照的無線基地台）以及特定低功率無線基地台（無須執照的無線基地台）、業餘無線電基地台（需要執照的無線基地台）。

- ① 使用本機器之前，請確認周邊必須沒有移動物體識別的場內無線基地台、特定低功率無線基地台，以及業餘無線基地台。
- ② 萬一從本產品所產生的電波，對移動物體識別的場內無線基地台造成電波干擾時，請盡速變更使用的頻率，或立即停止電波發射，並向智能手機連線、網絡連線的相關服務諮詢，避免電波互相干擾的情況（如設置屏障等）。→ 52頁
- ③ 從本產品所產生的電波，對移動物體識別的特定低功率無線基地台或業餘無線基地台造成有害電波干擾時，發生任何問題時，請向智能手機連線、網絡連線的相關服務諮詢。→ 52頁

連線時

關於以下事項，如果未採取對策以致發生問題時，本公司不負任何責任，敬請諒解。

- 使用無線區域網絡電波傳送檔案時，有可能遭受他人盜取。
- 沒有執行安全防護時，有可能會受到惡意的入侵。
- 請使用可以設定加密方式的 WPA2 或 WPA (TKIP 或 AES) 的無線區域網絡路由器。
- 無線網絡連接設置時，請不要連接無法實施安全防護對策的機器或網絡。
- 發生無法預期的問題時，有可能導致連接本產品的智能手機、其他外接機器內部所保存的檔案破損。以防萬一，請事先將檔案備份。
- 與本產品連線的智能手機、其他外部機器內所保存的檔案因連線問題而毀損、消失，或連線的機器故障時，無論任何情況，本公司一概不負責。
- 短暫時間通訊斷線時，設定內容的發送或使用狀態有可能無法更新。運轉中，請隨時確認通訊狀態。
- 根據智能手機、無線區域網絡路由器的種類不同，通訊感應度、通訊距離、通訊時間或有不同。請確認通訊狀態後再使用。
- 由無線區域網絡功能所進行的通訊傳輸所造成的損害，除了產品不良之外，本公司一概不負責。

關於出口規定

本產品出口時，請先確認居住地區的規定和法律，再辦理必要的手續。

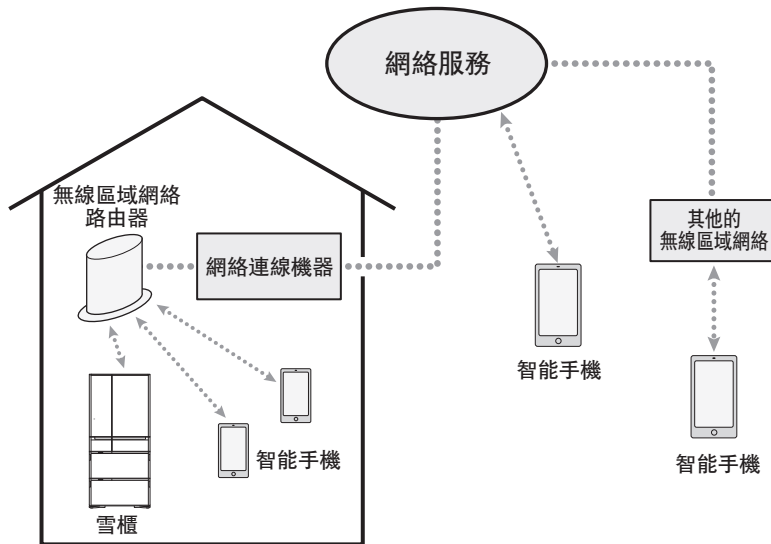
關於商標

- 「iPhone」是 Apple Inc. 的商標。「App Store」是 Apple Inc. 的商標。
 - 「Google Play™ store」、「Android」是 Google LLC 的商標或是註冊商標。
 - Wi-Fi™ 是 Wi-Fi Alliance® 的商標。
 - Wi-Fi Protected Setup™、WPA™、WPA2™ 是 Wi-Fi Alliance® 的商標。
 - Bluetooth® 是 Bluetooth SIG, Inc. 的註冊商標。
- 本說明書中記載的其他各種名稱、公司名、商品名等，都是各公司的商標或註冊商標。此外，本文中一部分省略「™」、「®」的標記。

智能手機可以完成以下工作

利用智能手機的專用程式，可以操作雪櫃，或確認狀態。

- 確認冰箱的運轉狀態，變更設定的「操作面板」功能 → 17頁
 - 可以確認冰箱的運轉狀態及通知事項顯示。
 - 可以顯示最近 10 天的冰箱門開關次數。
 - 可以調節冷藏室、切換室的溫度及變更自動製冰機的設定。
- 可以管理食材的「記錄」功能 → 17頁
 - 利用智能手機的相機拍照，可以確認食材放入冰箱後經過的日數。
- 「支援」功能 → 17頁
 - 當不清楚操作方式或遇到困難時，可以利用智能手機閱覽使用說明書。
- 無論外出或是在家裡，可以收到通知的「通知」功能 → 18頁
 - 冰箱門一直開啟或製冰器清潔結束等，智能手機可以收到通知。
- 將雪櫃的軟件更新成最新 → 19頁



注意事項

- 為了從智能手機進行雪櫃操作或狀態確認時，必須經由無線區域網絡路由器做配對設置。 → 12頁
- 雪櫃與無線區域網絡路由器無法通訊時，顯示「未連線」的狀態，此時無法從智能手機來操作。
 - 將雪櫃或無線區域網絡路由器移動時，請特別注意。有可能發生無法通訊的情形。
 - 與微波爐等，使用 2.4GHz 頻率的機器（如微波爐）同時使用時，有可能發生暫時性的通訊斷線情形。
- 最多可以通過 5 部智能手機操作 1 部雪櫃。
 - 他人剛操作後，則無法操作。

本產品基於以下的原因，收集其運轉記錄及故障記錄。收集的資料不會用在其他用途。

- 使用在提升服務及開發，改良新的服務。
- 使用在提升修理對應及諮詢服務。
- 使用在提升品質。
- 個人資料的使用等，詳情請參閱專用應用程式的使用協議。
 - 使用協議，請啟動專用應用程式，從「選擇清單」中確認。
 - ※ 專用應用程式是「日立電冰箱」應用程式

與智能手機連線

開始使用的次序

所謂配對，是冰箱與智能手機進行連接設置，讓兩者互相連接，藉由無線區域網絡，從智能手機可以操作冰箱或狀態確認。

只要一次配對設置，以後再使用時不需再重新設定。

請確認是否處於下列的環境

必要的環境

- 必須是可以連接網絡的環境
 - ・ 網絡的連接，必須要與網絡供應商合約及備齊網絡線路。
- 設置無線區域網絡路由器
 - ・ 請使用可以設定加密方式的 WPA2 或 WPA(TKIP 或 AES) 的無線區域網絡路由器。
 - ・ 通訊規格必須是對應 IEEE802.11b/g/n(只 2.4GHz)。
 - 但是，無法保證所有無線區域網絡路由器都能正常運作。
 - IEEE802.11.n 的 5GHz 或 IEEE802.11.ac 等 5GHz 的無線區域網絡路由器無法連線。
 - ・ 雪櫃或智能手機無法連接無線區域網絡路由器時，請參閱「遇到問題時」 → 45~46頁
- 對應機種的智能手機
 - ・ 請使用「Android」或 iOS(iPhone) 的智能手機。
 - 關於對應的 OS 版本，請從以下的網頁會右側的編碼進行確認。
<https://www.homeappliances.hitachi.com/global/app/ref/series01/index.html>
 - ・ 連接網頁時，或需支付網絡通信費。
 - ・ 為了使用本產品的所有功能，智能手機也必須連接 2.4GHz 頻率的無線區域網絡路由器。
 - ・ 無法保證平板電腦可以正常運作。



安裝專用應用程式

安裝「日立電冰箱」應用程式（以下簡稱「專用應用程式」）

使用 iPhone 時

開啟「App Store」

使用 Android 時

開啟「Google Play」

可以從以下網頁下載專用應用程式。

URL <https://www.homeappliances.hitachi.com/global/app/ref/series01/index.html>



- 無法保證所有的智能手機都可以正常運作。
根據機種不同，有可能發生運作不穩定，或是無法正常運作的情形。
- 專用應用程式是免費，但是下載專用應用程式時，或會需要網絡通訊費用。
網絡通訊費用是與智能手機合約的用戶負擔。
專用應用程式的安裝方法，請參閱智能手機的使用說明書。
- 專用應用程式的服務內容、畫面設計、功能等，有可能在無事先告知的情況下作變更。
所提供的服務，有可能在無事先告知的情況下作結束。
- 請在同意專用應用程式的使用條款以及隱私政策之下才使用本應用程式。

配對設置・新增雪櫃

- 智能手機的畫面及操作，根據機種、OS 有所不同。
- 已經完成智能手機的 Wi-Fi 設定時，不需要操作即可進入下一個步驟。
- 請將雪櫃的無線區域網絡功能設定在「有」。(購買時設定在「無」 → 14頁)
- 當配對設置失敗時，請參閱「遇到問題時」，從最初重新開始操作。 → 45頁

準備

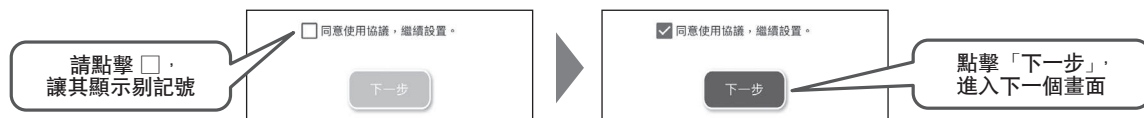
確認與雪櫃連線的無線區域網絡路由器的 SSID 與密碼。

- 設置雪櫃的場所，請選擇可以連線的無線區域網絡路由器。
- 請選擇無線區域網絡是 2.4GHz 頻率的機器。(5GHz 頻率無法進行配對設置)
- 無線區域網絡路由器的 SSID 是智能手機要設定 Wi-Fi 時所顯示的名稱。
當不知道無線區域網絡路由器的 SSID 及密碼 (因應所使用的無線區域網絡路由器不同，有可能記載著「加密金鑰」或「安全金鑰」) 時，請參閱相應無線區域網絡路由器的使用說明書。

1 啟動專用應用程式，確認使用協議

專用應用程式的操作

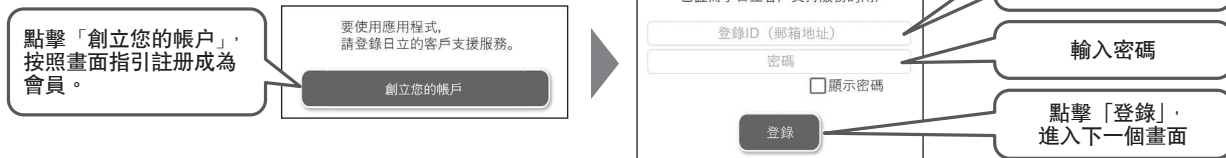
專用應用程式初次啟動時，會顯示使用協議，請確認內容。
如果能理解當中內容，在同意處點擊，繼續進行設定步驟。



2 登錄

專用應用程式的操作

輸入登錄 ID、密碼進行登錄。
尚未完成會員註冊時，請先作註冊再登錄。
※ 需登錄才能使用專用應用程式。

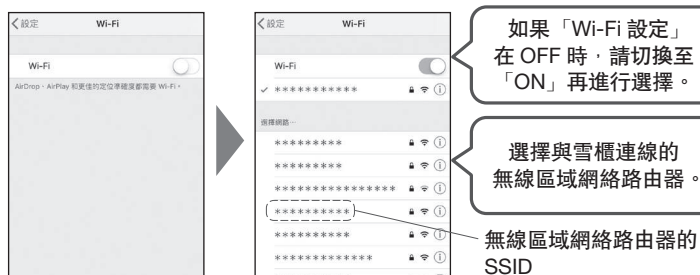


3 選擇與雪櫃連接的無線區域網絡路由器

操作智能手機的設定

從專用應用程式的畫面移動到智能手機 Wi-Fi 設置螢幕，將 Wi-Fi 設定成 ON，選擇與雪櫃的無線區域網絡路由器連接。

- 連線時需要無線區域網絡路由器的密碼。若不知道密碼，請參閱無線區域網絡路由器的使用說明書。
- 智能手機的操作及設定畫面，因應機種、OS 有所不同。



4 在專用程式內輸入無線區域網絡路由器的密碼

專用應用程式的操作

回到專用應用程式，依照畫面的指示，確認是否顯示 [3] 所選擇的無線區域網絡路由器，輸入無線區域網絡路由器的密碼。

- 如果密碼錯誤則無法連線。



與智能手機連線 (續前頁)

5

將無線區域網絡功能切換成「有」

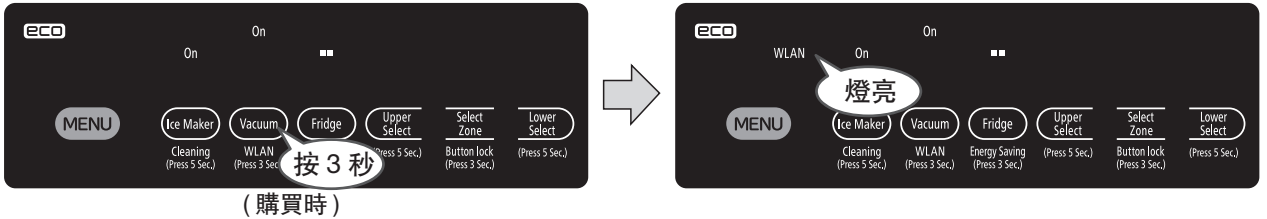
操作雪櫃

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 持續按下 **Vacuum** 按鍵 3 秒以上，直到發出設定音 (嗶-)，讓 **WLAN** 顯示燈亮

通知事項 ●為了省電，顯示約 40 秒即消失，但設定會一直持續，直到解除為止。



6

將雪櫃切換為配對模式

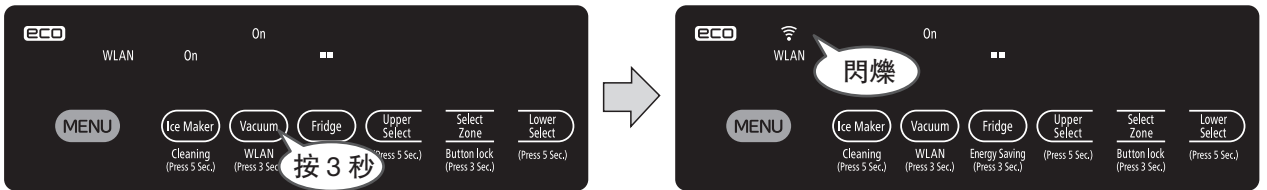
操作雪櫃

1 開啟製冰室門

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 持續按下 **Vacuum** 按鍵 3 秒以上，直到發出 (嗶-)，讓 **Wi-Fi** 顯示閃爍



7

從 Wi-Fi 設定中選擇網絡「R-KWCK_*****」

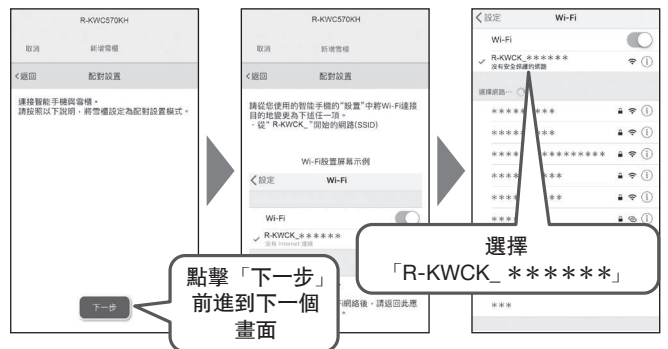
操作智能手機的設定

在專用應用程式的右側畫面顯示之後，移動至智能手機的 Wi-Fi 設定畫面，選擇「R-KWCK_*****」

- 有可能會出現「網絡未連線」的訊息，請忽略繼續下一個步驟。

- 「R-KWCK_*****」顯示為止，有可能會需要一些時間。

如果無法顯示，請將智能手機的 Wi-Fi 設定重新顯示，或將 Wi-Fi 設定切換成 OFF 後，再次切換成 ON。



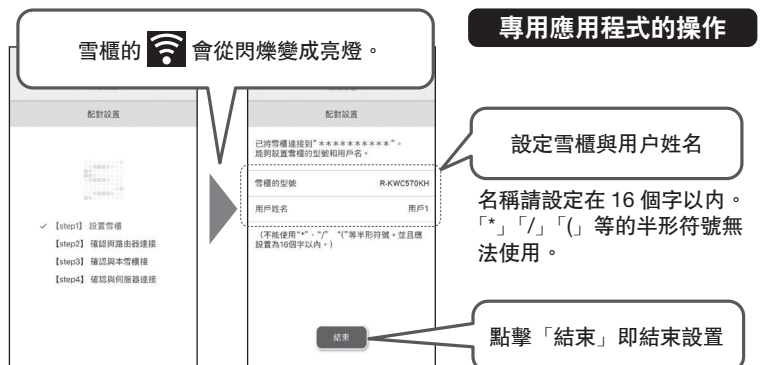
8

在專用應用程式設定雪櫃及用戶姓名，即結束配對設置。

專用應用程式的操作

回到專用應用程式，直到配對設置結束，請稍後片刻。

完成後，設定雪櫃與用戶姓名，即結束設定。



當配對設置失敗時

- 請確認在 **4** 所輸入的無線區域網絡密碼是否有誤。
- 請確認持有的智能手機及 OS 是否為對象機種。
- 請確認無線區域網絡路由器的通訊規格是否對應 IEEE.802.11b/g/n (只 2.4GHz)。
5GHz 無法對應。
- 請確認在 **3** 智能手機 5GHz 的 SSID，或無線區域網絡路由器是否連接。
- 請將雪櫃與智能手機，放近部無線區域網絡路由器的附近進行設定。
- 配對設置只能 1 部 1 部設定。請依照順序設定智能手機。
- 1 部雪櫃最多可以註冊 5 部智能手機。6 部以上無法註冊。
- 受到以下的電器的電波影響，有可能本產品與智能手機之間暫時無法通訊。
・加熱中的微波爐、其他的無線區域網絡機器、Bluetooth 機器等

其他的無線區域網絡功能的使用方法

將無線區域網絡功能切換至「無」

1 按下操作面板的 **MENU** 按鍵，顯示燈亮

操作雪櫃

顯示燈全部燈亮後，顯示目前的所有設定。

2 持續按下 **Vacuum** 按鍵 3 秒以上，直到發出設定音 (嗶嗶)，讓 **WLAN** 顯示熄燈

- ・無線區域網絡功能設定為「無」時，利用智能手機操作的機能將無法使用。 → 17頁
- ・設定配對的智能手機的註冊資訊無法被刪除。
- ・再次使用無線區域網絡功能時，配對設置不須重新設定。

註冊資訊全部刪除 (初始化)

- 在無線區域網絡功能進行刪除所有註冊的資訊 (初始化)。當要將雪櫃廢棄或轉讓給他人時，請執行此步驟。

1 按下操作面板的 **MENU** 按鍵，顯示燈亮

操作雪櫃

顯示燈全部燈亮後，顯示目前的所有設定。

2 持續按下 **Vacuum** 按鍵 3 秒以上，直到發出設定音 (嗶 -)，讓 **WLAN** 顯示燈亮

※ 如果 **WLAN** 已經亮燈時，請前往 **3**。

通知事項 ● 為了省電，顯示約 40 秒即消失，但設定會一直持續直到解除為止。

3 開啟上層切換室門

4 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。

5 持續按下 3 秒以上讓 **Vacuum** 發出 (嗶 -) 聲響

6 關閉上層切換室門



專用應用程式的使用方法

於智能手機下載並安裝專用應用程式，將雪櫃與智能手機做配對設置，即可以遠距離操作及確認雪櫃的狀態。請先進行配對設置之後再使用。 → 13頁

專用應用程式的畫面與功能，依版本不同有可能在無事先通知之下作變更。
專用應用程式的顯示，會隨著雪櫃的狀態進行切換。
操作至收到訊息可能需要少許時間

首頁畫面的讀取方式

「選擇清單」按鈕

可以變更設定及確認

→ 18頁

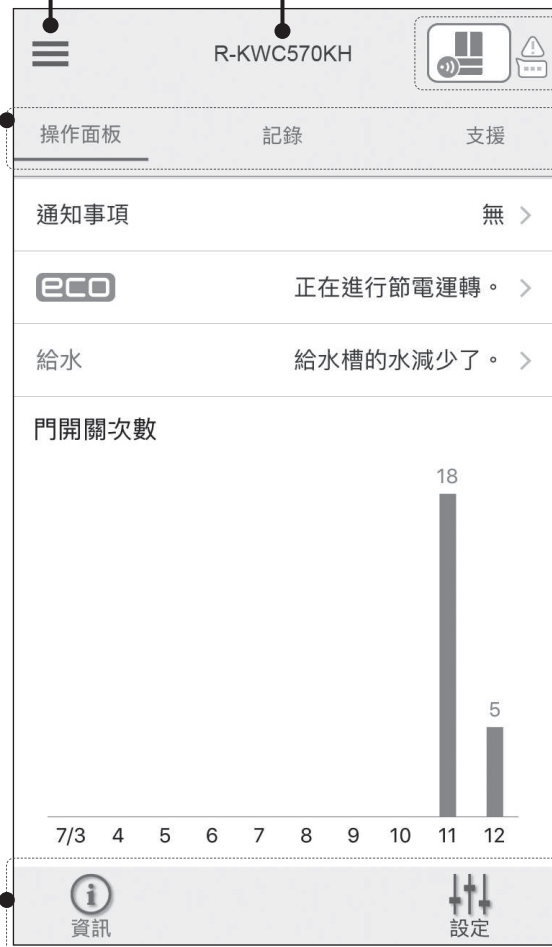
「標籤」鍵

主要 3 項功能 (可以切換選擇操作面板、記錄、支援)。
選擇中按下「標籤」鍵，即可重新讀取成最新狀態。

「資訊」、「設定」按鈕

從「標籤」鍵中選擇「操作面板」時可以選擇。

→ 17頁



雪櫃的型號 → 18頁

連線中會顯示雪櫃的型號。
從「選擇清單」鍵可以進行變更。

雪櫃的狀態

顯示現在雪櫃的狀態。
點擊通知事項顯示中時，會通知事項顯示的詳細內容。

運轉狀態



表示雪櫃正在運轉中



表示與雪櫃無法連線

通知事項顯示



有「通知事項顯示」

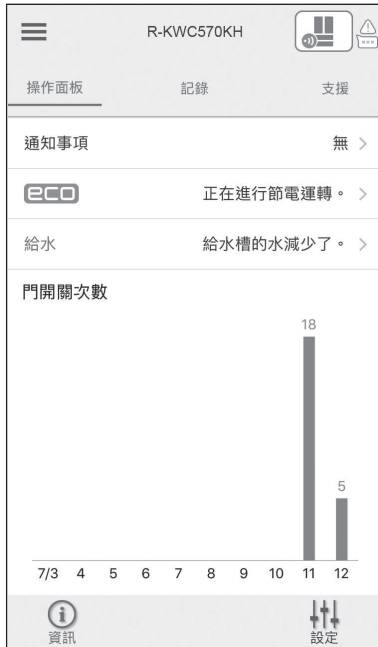


沒有「通知事項顯示」

操作面板 (資訊) 畫面的讀取方式

從「標籤」鍵選擇「操作面板」鍵，點選在左下方的「資訊」鍵即可顯示。 → 16頁

確認冰箱的運轉狀態可以點擊通知顯示。此外也可以顯示最近 10 天的冰箱門開關次數。※



※ 冰箱門的開關次數，是冷藏室、製冰室、上層切換室、下層切換室的門開關的合計次數。(冷凍室門除外)

操作面板 (設定) 畫面的讀取方式

從「標籤」鍵選擇「操作面板」鍵，點選在左下方的「設定」鍵即可顯示。 → 16頁

使用已經設定配對的智能手機，可以變更冷藏室、切換室的溫度調節及自動製冰的設定。



記錄畫面的讀取方式

從「標籤」鍵選擇「記錄」鍵，即可顯示。 → 16頁

利用智能手機的相機拍照，可以確認食材放入冰箱後經過的日數。



支援功能畫面的讀取方式

從「標籤」鍵選擇「支援」鍵，即可顯示。 → 16頁

可以利用智能手機查閱使用說明書。



專用應用程式的使用方法（續前頁）

選擇清單的使用方法

點擊專用應用程式的「☰」時，會顯示選擇清單。
可以進行註冊及變更其資料、通知設置、便利的使用方法設定。
請依照智能手機的畫面指示進行操作。

■ 連接設置

可以進行「選擇雪櫃」「新增雪櫃」「刪除雪櫃」「設置型號」及「設置網絡」等功能。

● 選擇雪櫃

與多數的雪櫃設定為配對時，可以從智能手機切換，操作雪櫃。
與多數的雪櫃設定為配對時，啟動專用應用程式，顯示最初的畫面。

● 新增雪櫃

與新的雪櫃設定成配對，可以新增操作雪櫃。
要變更無線區域網絡路由器（網絡）時，請變更「設置網絡」
1 部智能手機最多可以與 5 部雪櫃設定配對。

● 刪除雪櫃

- 可以消除註冊在智能手機的雪櫃資訊。
請在智能手機變更之前進行操作。
雪櫃連接無線區域網絡路由器時，(📶 亮燈時)：
註冊在雪櫃的智能手機的資訊也會被消除。
雪櫃沒有連接無線區域網絡路由器時，(📶 熄滅時)：
註冊在雪櫃的智能手機的資訊不會被消除。
將雪櫃連接無線區域網絡路由器，在設定成配對的智能手機操作「註冊用戶刪除」。
- 當雪櫃要轉讓給他人時，請進行「刪除全部註冊資訊」。 → 15頁
- 當雪櫃的註冊資訊刪除後，再度使用無線區域網絡功能時，必須重新做配對設置。 → 13頁

● 設置型號

- 雪櫃或用戶的名稱變更
變更配對時所註冊的雪櫃及用戶姓名。
- 註冊用戶的確認及消除
與選擇的雪櫃配對的用戶的確認，可以消除該用戶與雪櫃的配對設置。
與 1 部雪櫃配對設置的用戶，最多 5 人。

● 設置網絡

可以變更與雪櫃連線的無線區域網絡路由器。請進行變更連線的無線區域網絡路由器及使用場所。如果與複數的智能手機設定成配對時，進行設定變更的智能手機以外，連線的無線區域網絡路由器不會變更。
必要時請變更智能手機與無線區域網絡的設置。

■ 通知設置

可以設定訊息通知的雪櫃運轉狀態及通知事項內容。

■ 記錄概覽表

可以確認雪櫃通知事項的日期、時間，以及通知事項等內容。
雪櫃如果沒有與無線區域網絡路由器連接時，記錄無法正確保存。

■ 聯繫方式

顯示商品資訊及使用方法、智能手機的連線、以及冰箱修理的服務處資訊。

■ 版本資訊

顯示雪櫃及專用應用程式的版本
可以更新雪櫃的軟件。如果有需要更新的軟件時，智能手機會有通知訊息。

■ 使用協議 / 通知事項 / 版權資訊

顯示專用應用程式的使用協議、本產品相關的通知事項、本產品以及專用應用程式的版權資訊

■ 語言

選擇語言。


■ 客戶支援

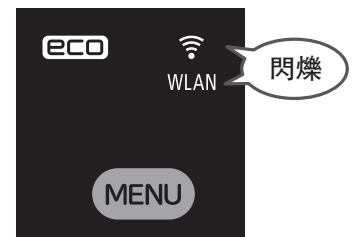
實施退出、會員資訊修正等。

關於雪櫃的軟件更新

如果有需要更新的軟件時，使用無線區域網絡功能，可以更新雪櫃的軟件。

更新時的注意事項

- 為了更新雪櫃的軟件，必須經由無線區域網絡路由器做配對設置。 → 13頁
- 關掉電源的狀態下軟件則無法更新。
- 利用專用應用程式來更新雪櫃的軟件時，相關更新內容，有可能與本書記載內容有所不同。
- 雪櫃的軟件正在更新時，無法操作。
- 更新中「WLAN」與  燈號閃爍。
- 更新會根據這冰箱的運轉狀態，自動開始。
- 雪櫃的軟件更新，大約需要 5 ~ 10 分鐘。
- 雪櫃的軟件在更新中，請勿關掉電源。
- 有可能造成無法打開電源、無法運轉、從智能手機無法操作等故障。
- 停電而導致更新中電源被關掉時，恢復供電後，雪櫃會自動切換至更新。
- 至更新結束為止，請勿關掉電源。



雪櫃軟件的更新設定



1 點擊「選擇清單」

專用應用程式操作

2 點擊「版本資訊」，選擇「雪櫃的版本」

專用應用程式操作

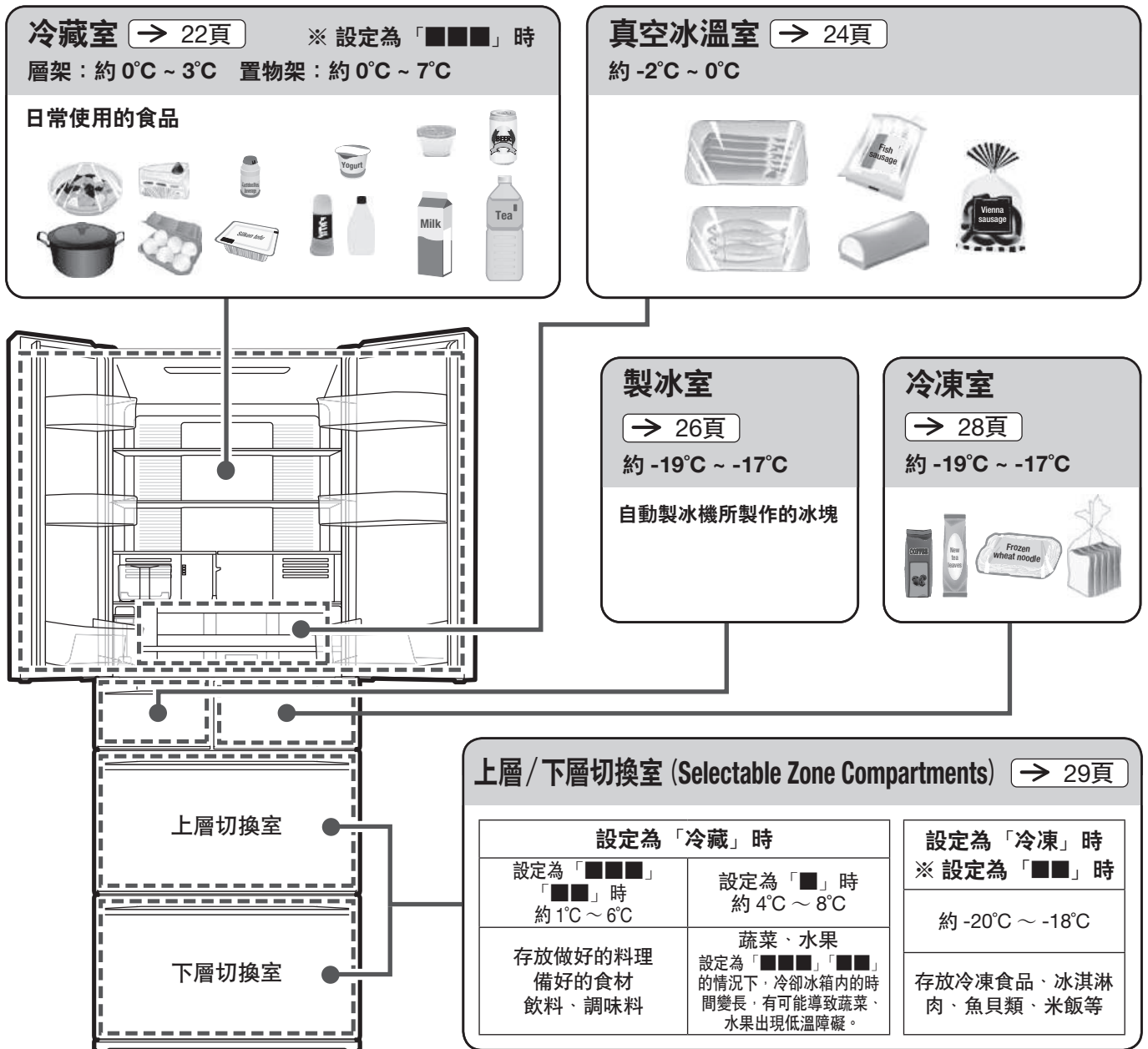
3 將「軟體的自動更新」處選擇 ON

專用應用程式操作

更新會根據這冰箱的運轉狀態，自動開始更新。

確認事項

各室的名稱・概略的溫度・存放食物



溫度是在冰箱周圍溫度 32°C 下、不放食物、關著門、溫度穩定了時的目標溫度。
因食品的存放狀態及箱門的開關動作，溫度可能會變動。

- 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物時，先以保鮮膜包覆之後再放入冰箱。
 - 可以收納食品重量的大概基準。 → 51頁

切換室 (Selectable Zone Compartments) 購入時的設定

購買時，設定為上層切換室「冷凍」、下層切換室「冷藏」。
請切換為您需要的設定使用。 → 29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燈狀態。請觸按 **MENU** 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。

確認事項

告知之顯示

eco	減少電力消耗，啟動運轉時顯示燈亮燈 → 32頁 [eco 運轉顯示]
Key	操作面板按鍵鎖，上鎖時顯示燈亮燈 → 33頁
Save	設定為節電模式時顯示燈亮燈 → 34頁
Wi-Fi	進行設定配對設置，在與無線區域網絡連接時亮燈
WLAN	無線區域網絡機能「有」亮燈 → 14頁 若在閃爍的狀態下即表示通訊正在準備中，無線區域網絡功能無法使用。請稍等片刻直至顯示亮燈。
Water	當給水槽中的水減少時，顯示燈亮燈 → 27頁 [告知給水警示]
Switching	在對切換室的設定進行切換的過程中亮燈 → 29頁 [告知切換警示]

※ 為了更清楚說明，所有的顯示都呈燈亮的狀態。

最初碰觸 MENU 鍵

eco	Quick	On	Switching	Switching
Key	On	Off	Fridge	Fridge
Save	Off	Off	Freezer	Freezer

顯示部分

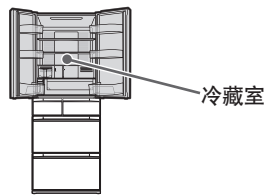
操作部

<h4>製冰設定</h4> <p>Quick (急速製冰) → 27頁</p> <p>On (製冰) → 26頁</p> <p>Off (製冰停止) → 27頁</p>	<h4>真空冰溫室設定</h4> <p>On → 25頁</p> <p>Off (關) → 25頁 (非真空的冰溫)</p>	<h4>溫度設定</h4> <p>冷藏室 → 22頁</p>	<h4>設定上層 / 下層切換室</h4> <p>設定的切換 → 29頁</p> <p>溫度的調節 → 30頁</p>
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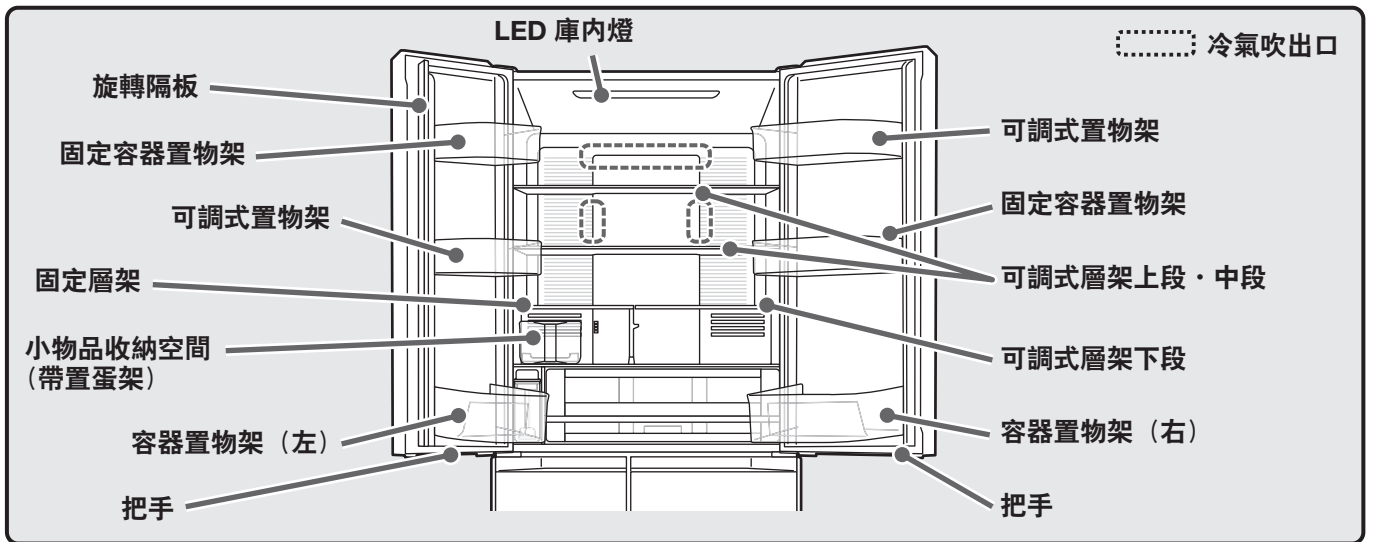
通知事項

- 觸按 **MENU** 鍵時，所有顯示亮燈後，即顯示目前的設定狀態。此外，打開冷藏室門，亦可顯示目前的設定狀態。
- 操作結束後，再次觸按 **MENU** 鍵時，顯示部及操作部的顯示會熄燈。
此外，縱使不觸按 **MENU** 鍵，經過約 40 秒，為節省電力，顯示部及操作部的顯示會自動熄燈。
但，設定成「節電」模式時，「Quick」的運轉顯示及「Off (製冰停止)」、「Water」、「Off (關)」的顯示、環保節能運轉中的 [eco 運轉顯示] 不會熄燈。
- 打開冷藏室門時，顯示部及操作部會亮燈。關上冷藏室門約 15 秒後則熄燈。
- 觸控面板會根據周圍的溫度、濕度、使用者的身體狀態及旁邊的電器製品的使用狀況，其反應會有所變化。
- 按了也沒有反應 (顯示內容不變) 的時候，請把手指離開一下再按。兩次按按鈕的時間間隔過短有可能導致檢測出錯誤訊息 (感應為持續按)。用力按也不會改善感應度的。
- 操作部濕或髒了的時候，會沒有反應。請用沾濕的布將髒污擦拭後，再以乾布擦乾。
- 冷藏室門打開時，或顯示部閃爍時觸按操作部則不會有任何反應。請確認顯示部閃爍的 → 41頁。

冷藏室



各部位的名稱

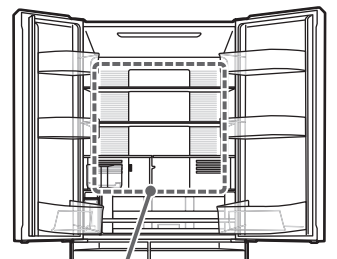


- 敬請依照指示操作**
- 若將水分較多的食品或罐裝飲料，放置在冷氣吹出口前，有可能結凍或破裂，請勿將該類食品放置在冷氣吹出口前。特別是設定成「■■■■」時，更容易結凍。將食品加蓋或包裹保鮮膜，可以防止食品的結凍。
 - 在收納大米、海苔等乾燥食品時，請封入密封的容器（袋）中後進行收納。乾燥食品有時會吸濕。

使用「Moisture Cooling」

※ 購買時設定為「Moisture Cooling」

- 讓全部冷藏室更低溫。(設定時：約 0 ~ 3°C)。建議存放做好的飯菜等。縱使放入溫熱的鍋子等容器，也可抑止對其他食品的影響，進行冷卻。在保存溫熱食品時，請放冷至能以手碰觸的溫度 (50°C 以下) 之後再放入。防止燙傷或層架變形。
- 能夠在操作面板上確認是否設定為「Moisture Cooling」。



「Moisture Cooling」空間

通知事項

- 設定為「Moisture Cooling」時，耗電量比設定為「■■■」時增加。有時運轉音變大。
- 設定為「Moisture Cooling」時，置物架的溫度也低於「■■■」。



變更時

感覺過冷時，請在「■■■」或「■■」下使用。

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** 按鍵，可以變更適當的溫度



冷藏室的概略溫度

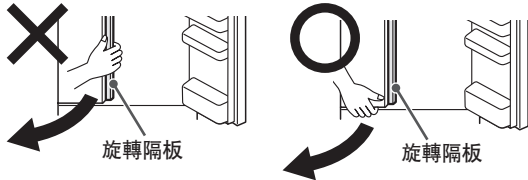
「■■■」比「■■■■」溫度高 1 ~ 3°C
 「■■」比「■■■」溫度高 1 ~ 3°C

冰箱門的開閉

敬請依照指示操作 打開冰箱門時，請勿用力過猛，或者依靠打開的冰箱門等，施加外力。可能造成冰箱門損壞。
關閉冰箱時，請手持把手關閉冰箱門。

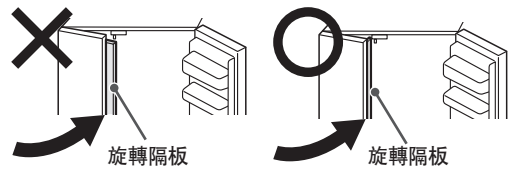
■ 打開冰箱門時

請勿握住旋轉隔板部打開冰箱門。
(無法打開冰箱門)



■ 關閉冰箱門時

旋轉隔板處於立起狀態時，請勿關閉冰箱門。
(無法完全關閉冰箱門)



調整置物架・層架的高度

配合食品或飲料的大小，置物架及層架的位置可以做適度的調整。關於拆卸方式・安裝方式請參閱。 → 38頁



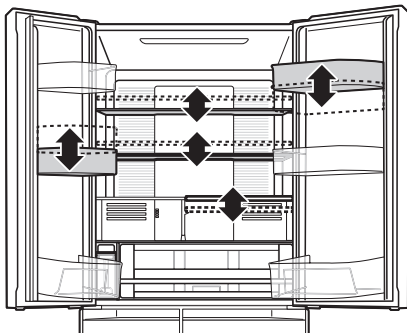
注意

■ 操作玻璃層架時

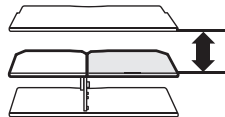
- 請勿對玻璃層架施加強力的撞擊。(玻璃層架可能因破裂而導致受傷)
- 因玻璃層架較重，安裝，卸除時請特別小心。

■ 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

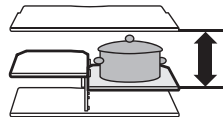
配合食品及飲料的高低可以做適度的調整。



● 剛購買時的狀態

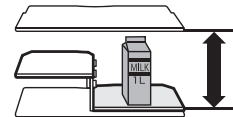


● 收納鍋子等



將層架安裝在中段

● 收納紙盒裝牛奶等



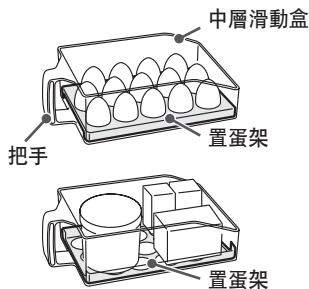
將層架安裝在下段

使用中層滑動盒

可以放入小件、雞蛋等保存在冷藏室內。

若使用置蛋架的話可以收納 14 顆雞蛋。
也可以連同雞蛋盒一起進行收納。

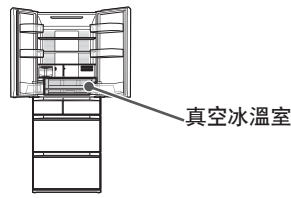
把置蛋架反過來放的話就可以放入小件食品。



敬請依照指示操作

- 使用時請好好的握緊把手後再進行。
- 因為可能有掉下來的風險，收納時請不要堆疊食品。
- 請不要放比收納盒前端邊緣還高的食品。
- 請不要用這個容器製冰。容器有可能會破損。
- 放在冷氣吹出口附近的話，食品可能會結凍或破裂。請放在遠離冷氣吹出口附近的位置使用。
- 請不要放在比層架還凸出的位置。

真空冰溫室



LED 庫內燈
打開冷藏室門時，照亮真空冰溫抽屜。

真空幫浦

真空冰溫盒 (附鋁製托盤)

把手

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，轉變為碳酸氣，因而抑制食品鮮度的降低。

真空解除閥 (藍色)
將把手拉起解鎖的話，會解除透過真空解除閥進行的真空功能。解除真空時會有「咻」的聲音。

收納食品

購買時，設定成「On」。

<p>On (約 -2°C ~ 0°C)</p>	<p>●肉類·加工肉品 ●魚貝類·海鮮類·魚類加工食品 ●肉類、魚類的解凍</p> <p>·水分多的食品，可能會結凍。</p>
<p>Off (約 -2°C ~ 0°C)</p>	<p>真空功能停止運作。建議存放需裝在「密封袋」、「密封容器」的食物時選擇該模式。因為是冰溫室，含水分較多的食物可能因低溫而凍結。</p>

- 通知事項** ● 縱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時，請以保鮮膜包覆。
- 注意事項** ● 周圍溫度低時，水分較多的食物可能因低溫而凍結。
● 將冷藏室的溫度設定調至「■■■■」或是「■」時，真空冰溫室的溫度會稍有改變。
● 請勿將過多的食品或容器塞入真空冰溫室。
可能會導致真空冰溫抽屜無法拉出。

■不宜存放於真空冰溫室的食品

以下食品不宜冷凍。請在冷藏室中保存。

- 乳製品
 乳酪等
- 切好的蔬菜、水果
 切好的生蔬菜、水果
- 結凍時會造成品質、口感變差的食物
 豆腐、魔芋、炸豆腐、魔芋絲、水煮蛋

變更真空冰溫室的設定

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。

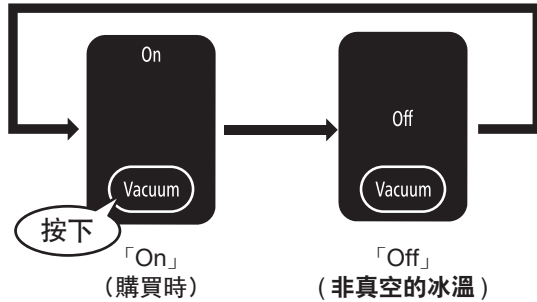
2

按下 **Vacuum** 按鍵，可依照個人喜好變更設定

按下按鈕時依下列的順序切換。購買時設定為「On」。

注意事項

- 當設定為「Off」時，「Off」的顯示持續亮燈。
為達到省電目的，約 40 秒顯示燈即熄燈，所設定的功能將持續有效。

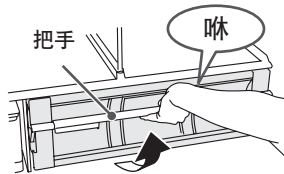


開閉真空冰溫室門

開啟箱門時

1

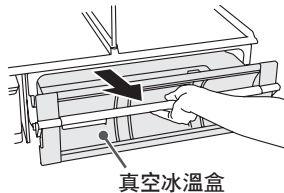
將把手往上扳起，解除鎖定



- ※ 真空幫浦啟動後至達到真空狀態，約需 3 ~ 4 分鐘。在 4 分鐘以內打開真空冰溫盒，有可能沒有“啞”的聲音。
- ※ 在沒有同時開啟左右冰箱門的狀態下拉出真空冰溫盒時，可能造成零件的破損。

2

將真空冰溫盒往前拉出

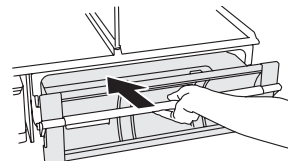


- ※ 若能聽到“啞”的聲音時，因為是正在解除真空的狀態，無法拉出真空冰溫盒。請在聲音消失後再往前方拉出。

關閉箱門時

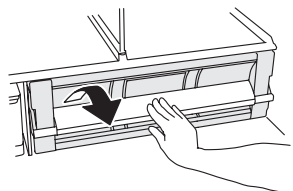
1

將真空冰溫盒往內推進



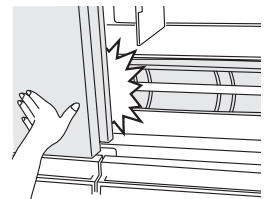
2

將把手往下扳，讓其鎖定



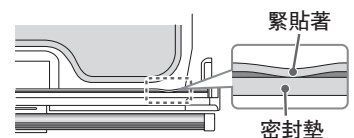
注意事項

- 若沒有將把手確實地往下扳，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

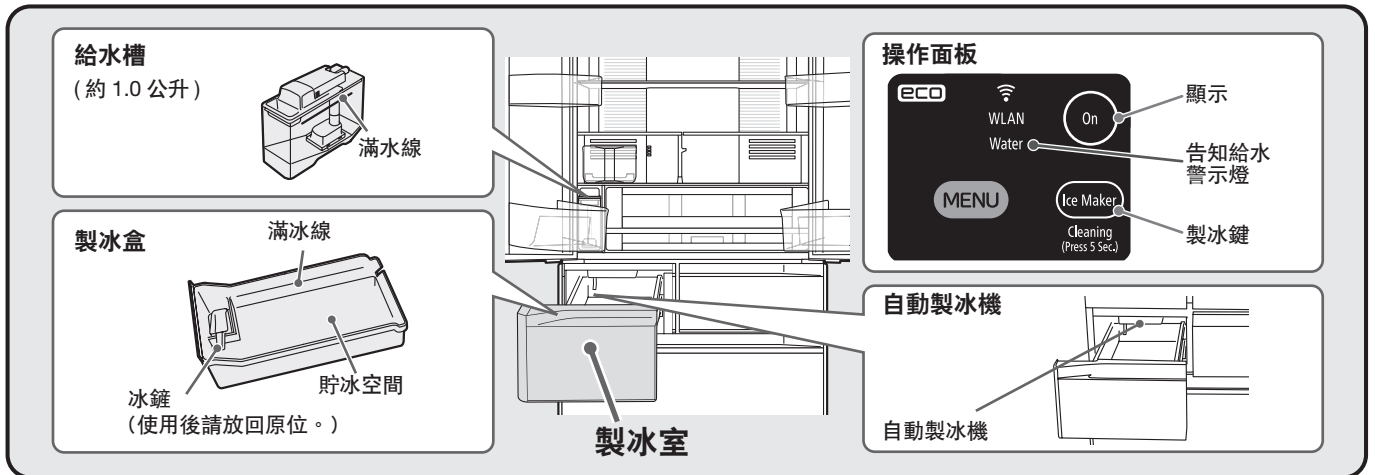
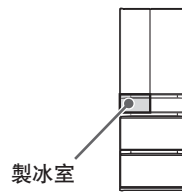
- 若密封墊緊貼著，則無法維持密封狀態。若緊貼時，請將其剝離。因為左右面及下面無法看清楚，請將真空冰溫盒拆卸後進行確認。(→ 42頁)
- 因為真空冰溫室是密閉的狀態，食品和空氣中所含的水分，有可能在冰溫室內結成水滴或結霜、結冰。請以柔軟的布沾溫水擦拭。(產生水滴或結霜、結冰時，並不會對性能造成影響。)
- 若您在意食品上有水滴、霜、結冰，建議您在存放食品時，以保鮮膜包裹。
- 真空冰溫室內若水或食品的液汁溢出時，請立刻擦拭乾淨。
- 白金觸媒不須要更換。請勿將其拆除。



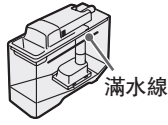
水滴、結霜、冰



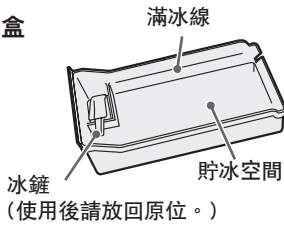
製冰室 (自動製冰機)



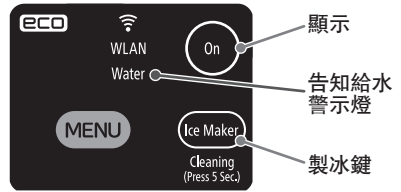
給水槽
(約 1.0 公升)



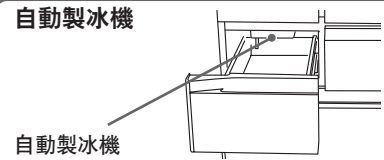
製冰盒



操作面板



自動製冰機



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」。 → 37頁

1

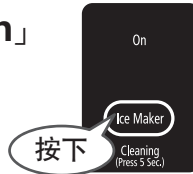
按下操作面板的 **MENU** 按鍵，顯示燈亮

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」顯示燈亮

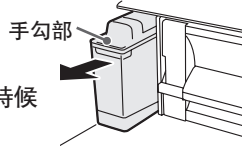
購買時，設定為製冰「開」(燈亮)的狀態。



3

將給水槽往水平方向拉出。

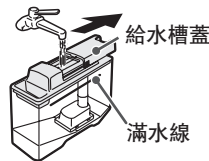
※ 拿起給水槽往身邊拉，有時候會感覺到重量比較重。



4

打開給水槽蓋加水

※ 請勿加水至滿水線以上。



5

再裝回給水槽

往前推入到超過「水槽安裝位置」的線位。

若給水槽沒有確實押入底部，則無法製冰。

※ 給水槽傾斜會將水灑出。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。
- 當製冰盒內的沒有冰塊時，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。 → 36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

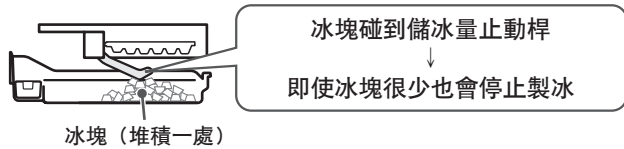
收納量・製冰時間

型號	R-KWC570K 型號	
冰的收納量	將冰塊整平	約 150 個
一次 (12 個) 的製冰時間	通常的「On」	約 110 分 ~140 分
	「Quick」	約 80 分

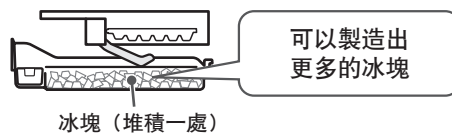
* 周圍溫度 30°C，各冰箱的溫度設定在「■ ■ ■」的位置，無開關冰箱門狀態的約略值。

通知事項

● 若冰塊堆積一處，即使冰塊較少，也會停止製冰。



● 將冰塊往前整平的話就可以製造出更多的冰塊。

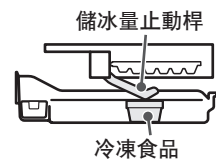


● 下列的情形時，可能會延長製冰的所需時間。

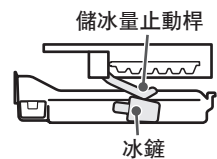
- 開始使用時 (可能需要 24 小時以上)
- 冰箱內同時放進大量食物時
- 設定成「節電」模式時提示
- 冰箱門開關次數頻繁時
- 冷凍室或製冰室門呈半開的狀態
- 冬天周圍溫度較低時
- 停電時

敬請依照指示操作

- 設定成「On」「Quick」時，貯冰空間，除了自動製冰機所製造的冰塊之外，請勿放入其他的冷凍食品。(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)
- 請慢慢開關製冰室的門。若開關時用力過猛，冰塊有時會從製冰盒溢出掉落。在溢出掉落的情況下請去除。當處於溢出掉落了的狀態時，有時門無法可靠地關閉，冷凍效果變差。因為製冰室與冷凍室相鄰，所以在冰塊溢出掉落的情況下，也請確認冷凍室側。



冷凍食品在裡面嗎？



製冰鏟是否放回規定的位置？

急速製冰

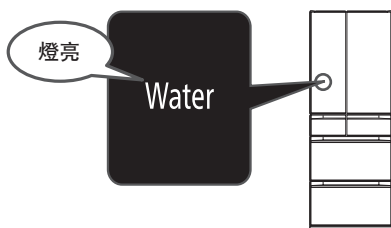
- 1 按下操作面板的 **MENU** 按鍵，顯示燈亮
顯示燈全部燈亮後，顯示目前的所有設定。
- 2 按下 **Ice Maker** 按鍵，**「Quick」** 顯示燈亮
比「On」更縮短製冰時間。
一次製冰約可製 12 個冰塊。
約 7 小時「Quick」的運轉則自動停止，切換至「On」模式。
通知事項 ● 「Quick」在運轉中時「Quick」的顯示燈亮燈。[eco 運轉顯示燈] 則熄滅。

製冰停止

- 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」** 顯示燈亮
※ 一星期以上「Off」時，自動製冰機則需進行清潔。→ 36, 37 頁
通知事項 ● 「Off」在運轉中時「Off」的顯示燈亮燈。

告知給水警示燈

給水槽的水量減少時，**Water** 顯示燈亮。請補充水至給水槽內。
開關冰箱左側箱門時，**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

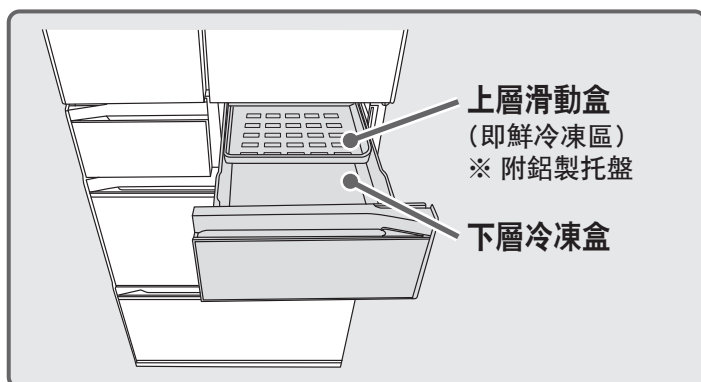
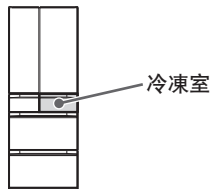
- 自動製冰機設定為「Off」時，**Water** 不會顯示燈亮。
- 即使給水槽中有水，但是安裝給水槽時沒有確實推入，**Water** 會顯示燈亮。此時請確實地將給水槽往前推入至固定位置。
- 設定成「On」時，當滿冰的狀態時，有可能 **Water** 的指示燈不會亮燈。

Ice Maker 「On」或 **Select Zone** 「■ ■ ■ · ■」及 **Fridge** 「■」閃爍時

製冰盤有可能碰到製冰盒內的食物。
請將製冰盒內清空，然後操作「製冰機清潔」。→ 37 頁



冷凍室



收納食品

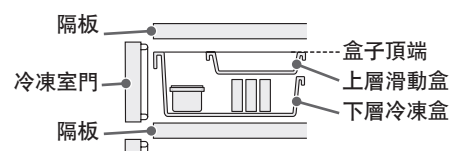
上層滑動盒	小件物品、冷凍食品等 即鮮冷凍區 肉類、魚類、白飯急速冷凍時
下層冷凍盒	夾鏈袋、密封容器等

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，請參考各收納盒的端面。收納食品時，請勿觸及上面的收納盒或隔板。

收納食品時，請勿觸及上面的收納盒或隔板。

當食品與上面的收納盒、隔板接觸時，門會關不嚴，有可能導致冷凍效果變差。並且有可能導致食品和各收納盒破損。



欲迅速冷凍肉、魚、米飯時（使用「Delicious Freezing」）

搭配鋁製托盤的效果，可更快速地冷凍食品。

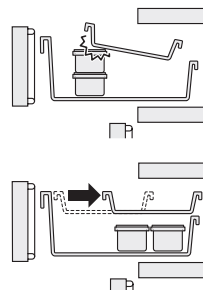
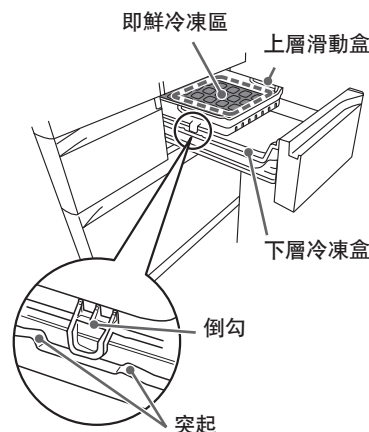
只需將食品放置在即鮮冷凍區，感測器便可以感測食品的溫度，自動切換冷卻運轉。

請將食品用保鮮膜或夾鏈袋包覆後放置在鋁製托盤上。

若將食品分小包裝，不僅可快速冷凍至中心部，也便於拿取，相當方便。

通知事項

- 當下層盒的食品的高度比上層滑動盒的底面低時，能夠將上層滑動盒拉出至身前。在使用即鮮冷凍時，請將上層滑動盒的左右的扣勾安裝於下層冷凍盒的突起之間。
- 當將食品不重疊地緊貼鋁制托盤放置時，能夠更加有效地冷凍。
- 在無法將上層滑動盒收納至裡側時，有可能下層冷凍盒裡側的食品的高度高於上層滑動盒底面。
- 請拆下下層冷凍盒，使下層冷凍盒的食品的高度低於上層滑動盒的底面進行收納。



注意事項

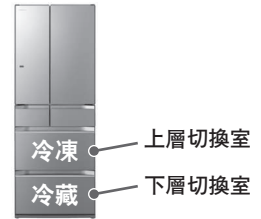
- 請勿存放 500mL 的塑膠瓶。當塑膠瓶凍結時，會膨脹而無法取出。
- 請勿在拆卸上層滑動盒的狀態下使用。有時食品會掉到盒裡側，致使門關不上。

切換室

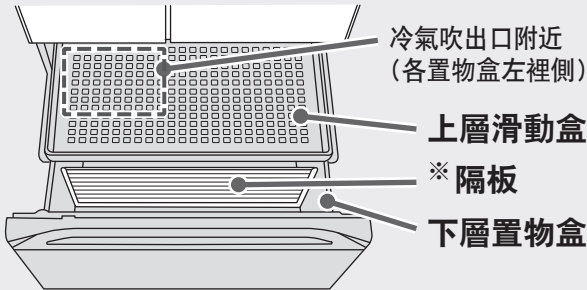
(Selectable Zone Compartments)

切換室 (Selectable Zone Compartments) 購入時的設定

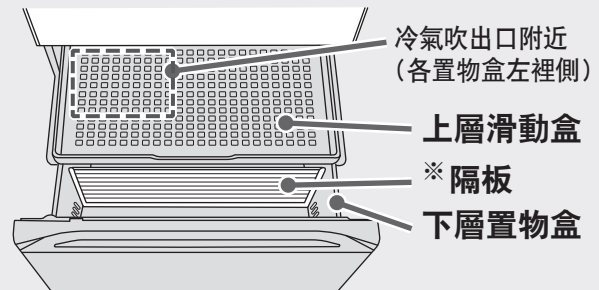
購買時，設定為上層切換室「冷凍」、下層切換室「冷藏」。請切換為您需要的設定使用。
蔬菜的保存建議設定為冷藏「■」。



上層切換室



下層切換室



注意事項 ※ 無法拆下隔板

冷凍室 / 切換室

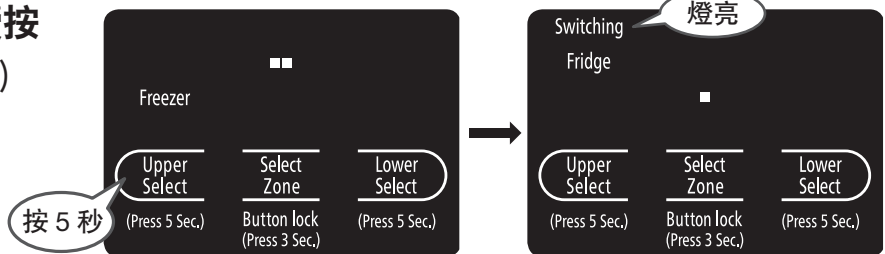
對切換室 (Selectable Zone Compartments) 的設定進行切換時

對切換室的設定進行切換

1 按下操作面板的 **MENU** 按鍵，顯示燈亮

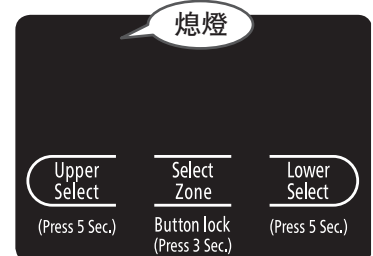
顯示燈全部燈亮後，顯示目前的所有設定。

2 欲切換的切換室，持續按 5 秒直至設定音 (嗶—) 鳴響，切換設定。



※ 在將上層切換室的設定從「冷凍」切換為「冷藏」時

3 當切換結束時，嗶嗶嗶鳴響，「Switching」顯示熄燈。



通知事項

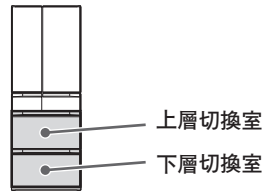
- 使用中途切換的耗時標準。
「冷凍」→「冷藏」約 3～8 小時、「冷藏」→「冷凍」約 2～5 小時
有時因冰箱周圍溫度、使用狀態而耗時 12 小時左右。
- 顯示部的「Switching」亮燈直至設定切換。
在設定切換後，嗶嗶嗶鳴響，「Switching」熄燈。
- 設定切換前請勿放入食物。
存在冷藏食品凍結、冷凍食品融化的情況。此外，在使用中途切換設定時，請取出正在切換的室中的食物。
- 將設定切換成「冷凍」後，溫度設定將轉換為「■■■」。
將設定切換成「冷藏」後，溫度設定將轉換為「■」。

注意事項

- 當切換了設定時，有時會在切換室內的頂部、壁面、收納盒結霜、結露。有時會損傷所保存的食品，因此設定切換後，放入食品之前，請用布將霜和露擦幹。

切換室～續前頁～

(Selectable Zone Compartments)



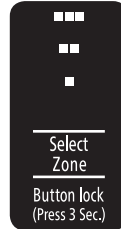
溫度的調節 (Selectable Zone Compartments)

將切換室的設定切換成「冷凍」時，溫度將被設定為「■■■」。

將切換室的設定切換成「冷藏」時，溫度將被設定為「■」。

在盛夏等時，若感覺冷卻變差，請使用「■■■■」。

蔬菜的保存建議設定為冷藏「■」。



設定為「冷藏」時的概略溫度
 「■■■■」比「■■■」溫度低 1～3°C
 「■」比「■■■」溫度高 1～3°C
 設定為「冷凍」時的概略溫度
 「■■■■」比「■■■」溫度低 2～4°C
 「■」比「■■■」溫度高 2～4°C

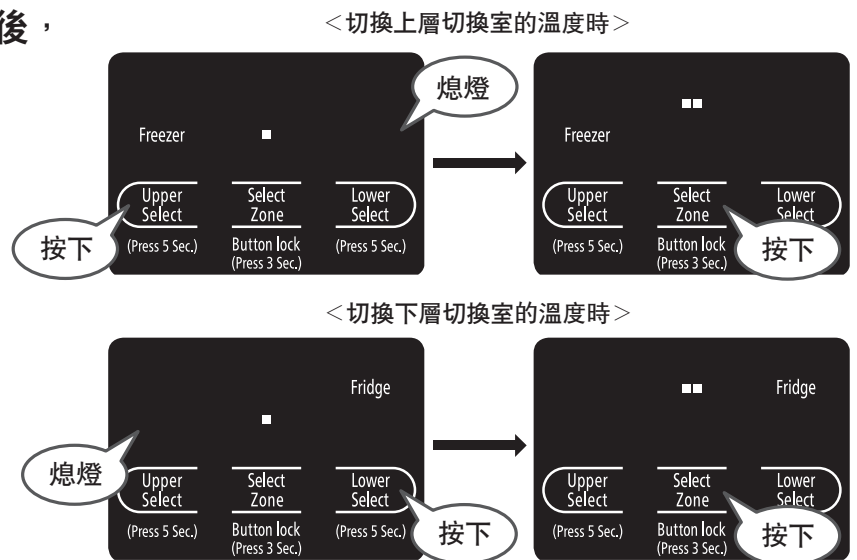
對切換室的溫度設定進行切換。

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 在按下希望切換的切換室後，

按下 **Select Zone**，切換溫度。



收納食品時

請配合食品的種類、大小來收納。所收納的食品的高度請以收納盒的端面為參考基準。

收納食品時，請勿觸及上面的收納盒或隔板。

當食品與上面的收納盒、隔板接觸時，門會關不嚴，有可能導致冷凍效果變差。

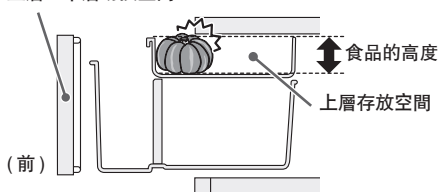
並且有可能導致食物和各收納盒破損。

注意事項

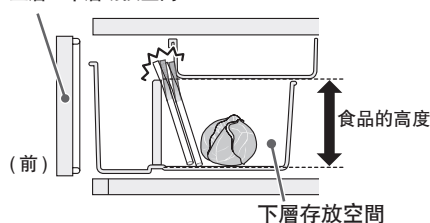
- 請勿拆下收納盒使用。收納盒裡側掉有食物，門可能會關不嚴。
- 在設定為「冷凍」使用時，請僅收納可冷凍的塑膠瓶等不怕凍的食物。

高度的基準

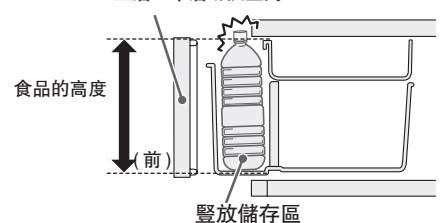
上層・下層切換室門



上層・下層切換室門



上層・下層切換室門



豎放儲存區

- 當食品觸碰隔板時，有時門會打不開，請勿將放入食品至 310mm (31cm) 以上的高度。



※ 上述插圖對下層切換室進行了說明，但上層切換室亦同。

收納食品例

設定為「冷藏」時

上層存放空間	做好的料理、備好的食材等
下層存放空間	飲料、較大的冷藏食品等
豎放儲存區	2L 塑膠瓶、調味料等

設定為「冷藏」的「■」時 建議存放蔬菜。

上層存放空間	未使用完的蔬菜、小型蔬菜(蕃茄、青椒等)、水果等(草莓、柚子等) 
下層存放空間	葉菜類(菠菜、小松菜等)、大型蔬菜(高麗菜、高苜等) 
豎放儲存區	較高大的蔬菜(黃瓜、蘆筍等)及 2 公升的寶特瓶

注意事項

- 有可能因蔬菜的種類而出現低溫障礙。
- 容易變色的野菜、容易引發寒害的黃瓜、茄子等請勿放在冷氣吹出口附近 (→ 29頁)。

設定為「冷凍」時

上層存放空間	夾鏈袋、密閉容器等
下層存放空間	冷凍食品、冰淇淋等
豎放儲存區	冷凍用塑膠瓶等

注意事項

- 請勿收納非冷凍用寶特瓶。有時寶特瓶或部件會出現破損情況。

蔬菜保存要領

■建議常溫保存的蔬菜

- 大蒜、洋蔥、馬鈴薯、番薯和南瓜(圓形)保存在陰冷的場所(室內保持恒定低溫且不受陽光直射的場所)



■可能發生低溫障害

長期放在因食品種類而異，可能會變色，風味減低。
此外，也有可能維他命 C 含量減低、發霉、腐敗。

- 蔬菜…蕃茄、青椒、黃瓜、茄子、四季豆、地瓜、秋葵等



- 水果…香蕉、鳳梨、芒果、木瓜、酪梨、檸檬等



食用之前請短時間放置在冷藏庫冷卻。

敬請依照指示操作

- 收納較少蔬菜時，因為無法保持較高的溼度，請用保鮮膜包裹後再存放。
- 因為蔬菜多含有大量水分，因此有時因蔬菜的量、種類會致使收納盒、食品表面等結露。若擔心結露，請在食品上包上保鮮膜。
- 置物盒內若留存水分，食品容易受損，請用乾布將水分擦拭。
- 將米、海苔等的乾燥食品與富含水分的食品(蔬菜等)一起收納時，請裝入密閉的容器(袋)後再收納。乾燥食品有時會吸收溼氣。

通知事項

- 豎放儲存區比其他空間的溫度稍微高。

各種功能

溫度微調節 (冷藏室 · 上層切換室 · 下層切換室)

可以進一步細化冷藏室和切換室 (Selectable Zone Compartments) 的溫度設定，調節為 11 個階段。

1 開啟上層切換室門

2 持續按住 按鍵 5 秒以上，直到發出嗶聲為止

按 5 秒

Fridge

Energy Saving
(Press 3 Sec.)

3 關閉上層切換室門

4 調節冷藏室時

按下  按鍵，可以變更適當的溫度。

冷藏室 (顯示燈亮 顯示燈閃爍 熄滅)

顯示											
設定	更弱	弱	→	→	→	中	→	→	→	強	更強

按下按鍵，
如左圖所示
依序切換。

調節上層 / 下層切換室時

按下欲調整的切換室後，按下  按鍵，可以變更適當的溫度。

上層 / 下層切換室 (顯示燈亮 顯示燈閃爍 熄滅)

顯示											
設定	更弱	弱	→	→	→	中	→	→	→	強	更強


按下按鍵，
如左圖所示
依序切換。

解除

依照 1、2、3 順序操作

操作音「嗶嗶」響起，便回復到通常的調節 (3 階段)。

eco 運轉顯示燈

在運轉安定時  燈號會自動亮燈，來表示此時正進行省能源運轉。

減少冰箱門的開關次數，盡量縮短每次開啟的時間，請做為使用時的參考。

[eco 運轉顯示燈]

通知事項  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
- 冰箱門開閉次數頻繁時 ([冰箱門開閉顯示燈] 亮燈)
- 當食品或包裝袋被箱門夾住，而箱門關不緊時
- 設定為「Quick」時
- 冰箱周圍溫度達到 35°C 以上時



箱門警報器

任何一個門開啟 1 分鐘以上時，會以聲音、燈光來告知冰箱門開啟。

冷藏室、製冰室、上層切換室、下層切換室都附帶箱門警報器功能。(冷凍室沒有箱門警報器功能。)

箱門的打開時間	1 分鐘後	2 分鐘後	過了 3 分鐘以後
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

- 顯示部閃爍時縱使按下操作部也沒有反應。請將冰箱門關閉後再進行操作。
- 只有在「節電」模式設定時，冰箱門開啟時間達 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。

箱門警報器及操作音的音量調節

箱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 開啟上層切換室門

3 持續按住 **Lower Select** 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」「大」「關閉」。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，設定成標準音量。

音量	標準	大音量	關閉音量	標準
設定音	—	嗶—嗶—	嗶—	嗶嗶

(購買時) ←

4 關閉上層切換室門

通知事項

- 箱門警報器或操作音，無法只調整任何一方的音量。
- 設定為不會發出聲響時，冰箱門警報器的文字顯示燈的閃爍也停止。
- 雖音量設定為「關閉」時，「製冰機清潔」的警報器的操作音也會發出聲響。
- 當拔除電源插頭再插上插頭時，或停電後恢復供電時，冰箱門警報音則恢復到原來的標準狀態的設定。

操作面板鎖定功能

讓操作無效，是為了防止誤觸操作面板，及兒童玩弄冰箱而設計的功能。

⏏ (按鍵鎖) 的顯示燈亮燈時，即使按了其他的操作部也無法切換。

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 持續按住 **Select Zone** 3 秒以上，直到發出設定音為止

操作面板按鍵鎖可切換「開」或「關」。
購買時，設定成「關」(⏏ 熄滅)的狀態。

操作面板按鍵鎖的設定	「開」(鎖定中)	「關」(解除鎖定)
「⏏」顯示	燈亮 ⏏	熄滅
設定音	嗶—	嗶嗶

通知事項

- 拔除電源插頭再插上插頭時，或停電後恢復供電時，有可能解除操作面板的鎖定。
- 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。

省電

「節電」模式的設定

設定成節電模式時，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 庫內燈及真空冰溫室內的 LED 庫內燈的亮度會減弱，以節省電力。
此外，長時間沒有開關冰箱門時，冰箱內部會緩慢冷卻，可以更加抑制電力消耗。

設定方法

1 按下操作面板的 **MENU** 按鍵，顯示燈亮

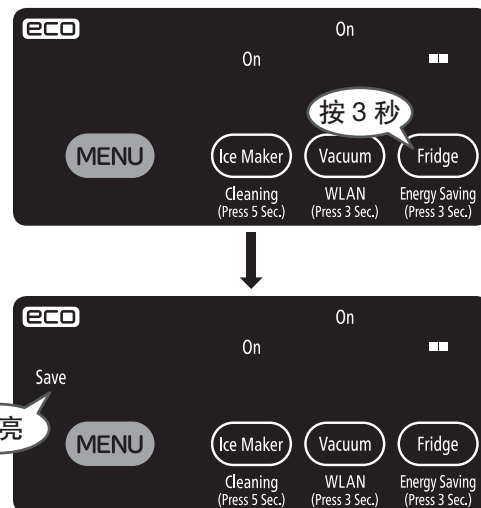
顯示燈全部燈亮後，顯示目前的所有設定。

2 持續按住 **Fridge** 按鍵 3 秒以上，直到發出設定音（嗶—），讓「Save」顯示燈亮

購買時，設定成節電模式「關」（熄滅）的狀態。

解除

按下操作面板的 **MENU**，讓顯示亮燈，持續按住 **Fridge** 按鍵 3 秒以上，直到發出設定音（嗶嗶），讓「Save」顯示熄燈



通知事項

- 將冷卻轉換為弱的時候，冰淇淋等會變軟、冷凍食品有可能會結霜。此外讓食品冷凍的凍結時間以及製冰時間也會增長。
- 當「Save」設定中，設定「Quick」時，暫時解除弱化冷卻的運轉。
- 「冷藏室」「切替室」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，冷卻效果不轉弱。

將防止結露的加熱器設定為弱（旋轉隔板部）

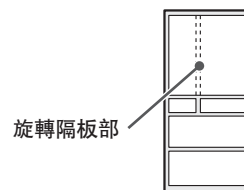
將防止結露的加熱器設定為弱時，可達到省電的目的。

當旋轉隔板部有結露時，請設定為標準模式。

旋轉隔板部的設定分為 1 至 2 階段，階段 2 最能達到省電目的。

加熱器設定為弱	標準	弱設定 階段 1	弱設定 階段 2	標準
設定音	—	嗶—	嗶— (2 次)	嗶嗶

(購買時)



1 開啟上層切換室門

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 持續按住 **Upper Select** 3 秒以上，直到發出設定音為止

防止結露加熱器設定為弱的階段將切換。

請重複上述的操作，設定所期望的階段（參照上表）。

4 關閉上層切換室門

通知事項

- 當拔除插頭再插入，或是停電恢復供電時，將會回復到標準設定。

保養方法



警告

● 清掃時，請一定要把電源插頭從插座拔掉。

■ 發現骯髒時

● 立即擦乾淨。看不到的部分也請一年清掃一次。

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。

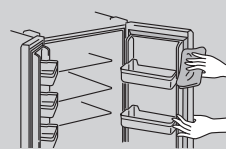


為了防止火災及觸電 → 4頁

箱門密封墊

一個月一次

請以軟布沾溫水擦拭。



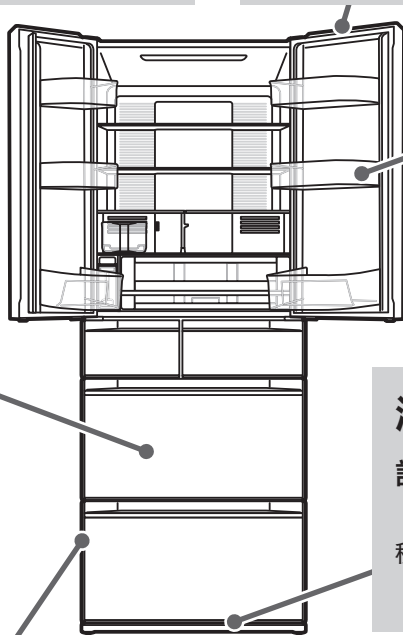
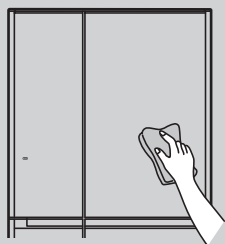
由於此部分容易髒，請擦乾淨。

箱門表面

一個月一次

箱門表面請以柔軟的布，沾溫水將污垢擦拭後，再用乾布擦拭乾淨。

玻璃表面殘留有膠布黏膠時，以塑膠橡皮擦擦拭之後，再以乾布擦拭乾淨。



各層架・置物架

三個月一次

請以軟布沾溫水擦拭。



卸除方法請參閱 → 38頁

液汁承接處

一個月一次

請以軟布沾溫水擦拭。

積著液汁時，請擦乾淨。

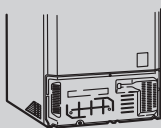


液汁接收處

冰箱背面・地板

一年一~二次

拆除腳座護蓋，將調節腳稍微抬起，把冰箱往身前方向拉，擦拭污垢。

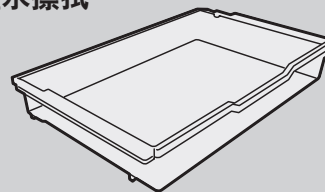


- 背面由於空氣對流的關係，容易堆積灰塵而弄髒。若是容易刮壞的地板，則鋪上保護用的板等。
- 在意冰箱的震動音，或因濕氣而導致背面牆壁變色或髒汙時，請將冰箱設置在距離牆壁(2cm以上)的地方。

置物盒

三個月一次

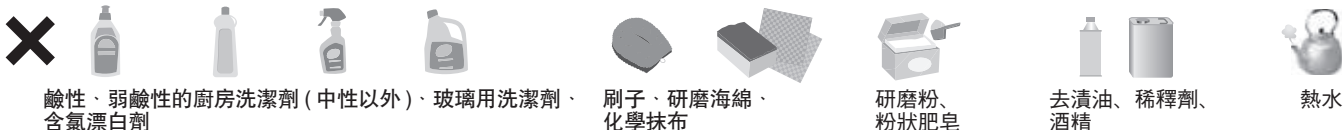
請以軟布沾溫水擦拭。



卸除方法請參閱 → 39頁

敬請依照指示操作

● 因為可能會造成箱門、塗裝面、塑膠、玻璃面受損、變色，請勿使用以下的東西。



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、食品液汁時，請務必擦乾淨。因為其可能引發箱門、漆面與塑膠部件的損傷與變色。
- 因置物盒或抽屜的滑動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冰箱雪櫃的側面或冰箱門表面時，有可能會在表面留下痕跡。
- 拔除電源插頭時，會解除操作面板設定的功能，請再次確認設定。

保養方法～續前頁～

真空冰溫室

一個月一次

1

開啟真空冰溫盒

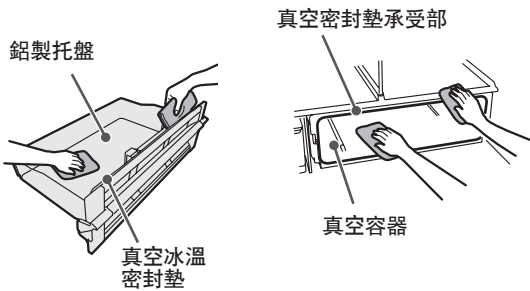
卸除方法請參閱 → 38頁

請務必取出真空冰溫盒內食品。

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

- 冰箱室內的頂部 (LED 庫內燈的部分)，請輕輕擦拭。用力擦拭時可能造成破損。
- 真空冰溫密封墊如果使用溫水以外的洗潔劑，則有可能破損、變形、變色，無法保持真空狀態。

3

安裝真空冰溫盒

安裝方式請參閱 → 38頁

如果真空冰溫密封墊鬆了或是接觸不良，則無法維持真空狀態。

真空冰溫的密封墊太過骯髒時

1

以下的零件，請以沾溫水的軟布擦拭

※ 請勿使用洗潔劑。

2

用乾布等擦拭水分後，讓它自然乾燥

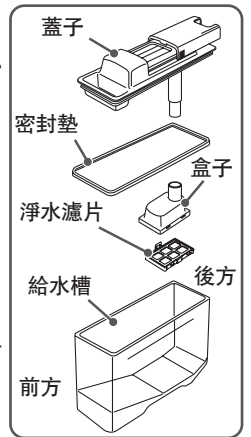
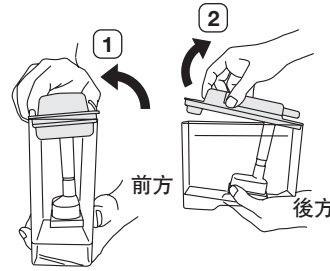
給水槽

一週一次

1

取出給水槽，卸除水槽蓋

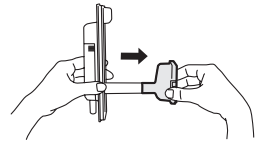
- 1 請將水槽蓋朝箭頭方向傾斜。
- 2 將水槽蓋的前方拿起來。



2

從水槽蓋卸除密封墊圈及盒子

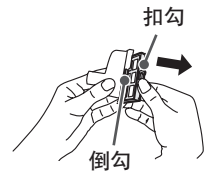
盒子用拉扯的方式從蓋子上卸除。



3

從盒子卸除淨水濾片

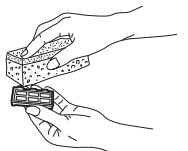
以手指拉淨水濾網，從扣勾處卸下後再卸除箱盒。



4

以水清洗給水槽各零件

以柔軟的海綿等用水洗乾淨。請不要使用洗潔劑等。



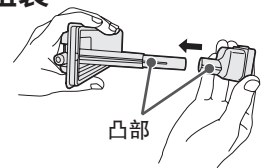
通知事項

- 請每 3 至 4 年更換一次淨水濾網。 → 47頁

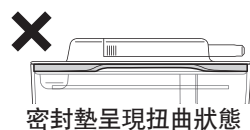
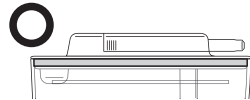
5

將給水槽的各部零件組裝，加入水之後再安裝

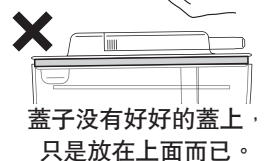
蓋子和盒子請和凸部相吻合後再插入。



從蓋子的後方插入，請朝箭頭方向關上。



密封墊呈現扭曲狀態。



蓋子沒有好好的蓋上，只是放在上面而已。

敬請依照指示操作

自動製冰機長期不使用時，請將給水槽洗淨後，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)

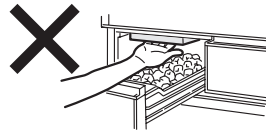
製冰機清潔

初次使用時自動製冰機一星期以上沒有使用時



警告

請勿將手放進自動製冰機的機械部分。
(當製冰盤旋轉時，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

給水槽

- 裝水至滿水線
- 超過儲水槽的安裝位置，正確的安裝。

製冰盒

- 有殘留冰塊時請清除



確認後，關閉所有冰箱門，
然後執行以下操作。

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

持續按住 **Ice Maker** 按鍵 5 秒以上，直到發出警示聲響為止

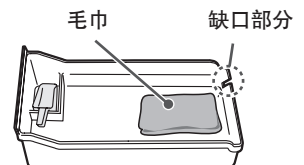
- 「Quick」、「On」、「Off」三個顯示閃爍，請在警示聲響了之後放開手指。
- 大約 4 分鐘之間，燈會閃爍、警報器會一直響。
- 「製冰機清潔」無法在中途停止。
- 「製冰機清潔」運轉時，如果打開冰箱的任何一個門時，則有可能無法正常運作。
請在製冰機清潔運作結束之前不要開啟冰箱門。
- 箱門警報器即使設定成不會響的時候也會發出聲響。 → 33頁



3

警報器停止後，塞住製冰盒內部的缺口部分，在製冰盒的底部鋪上乾淨的毛巾。

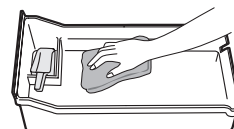
鋪上毛巾的主要目的是，為了防止製冰機清潔時累積的水流到製冰盒內部的缺口部分。



4

取出製冰盒，將製冰盒內的水擦拭乾淨後安裝在製冰室內

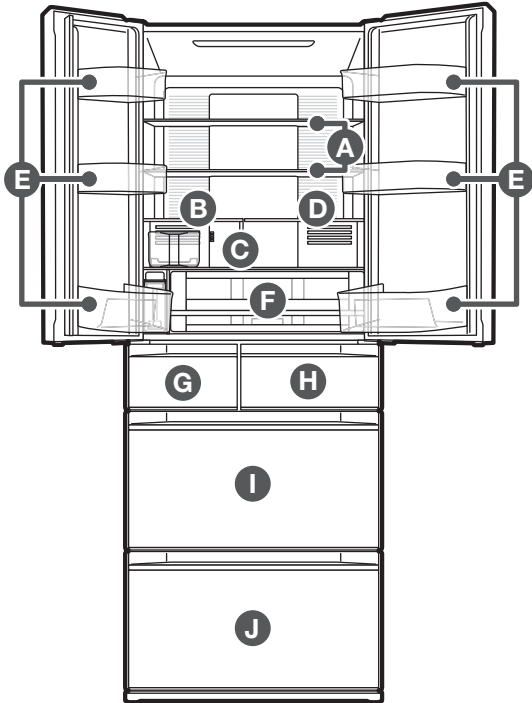
- 請取出擦拭水分等候的毛巾。
- 給水槽裡剩下的水，可以繼續直接使用。
- 「製冰機清潔」結束後，自動設定回「On」。



卸除組件的方法 · 安裝的方法

注意事項

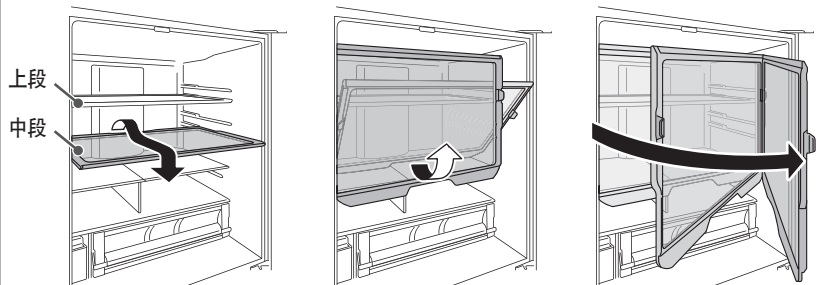
- 卸除零件時，請先將放在零件上的食品移除。
- 請勿拆除此處未說明的零件。
對於未說明的零件，如要拆下清掃，請聯繫服務窗口商洽修理事宜。
- 請勿拆卸真空冰溫室的白金觸媒。並且請勿以水清洗。



A 可調式層架上段 · 中段

敬請依照指示操作 拆除棚架上層之前，請先拆除棚架中層。

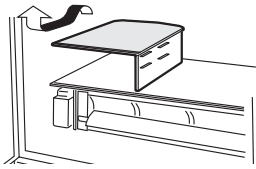
- 1 把層架內側稍微抬高，往前拉出。
- 2 如圖示將棚架直立。
- 3 讓其迴轉後拆除。



通知事項 因玻璃層架較重，安裝，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傷。

B 固定層架

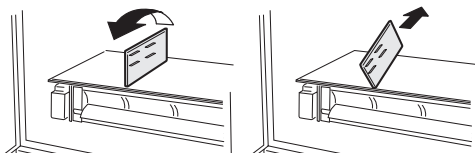
將層架的裡面稍微拿起，拉到面前。



此時請先卸除可調式層架下段

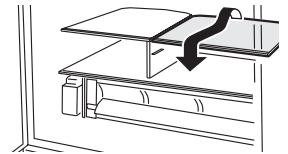
C 層架隔板

- 1 拿著裡面讓它迴轉到面前。
- 2 一邊壓著裡面一邊卸除。



D 可調式層架下段

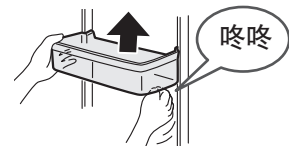
全體稍微拿起並卸除。



E 箱門置物架

一邊輕敲底部左右一邊提高便可卸取。
(牢固地固定)

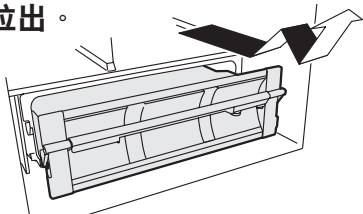
注意事項 安裝時，請完全裝入到最底。
如果沒有確實安裝，可能會掉落造成受傷的原因。



F 真空冰溫盒

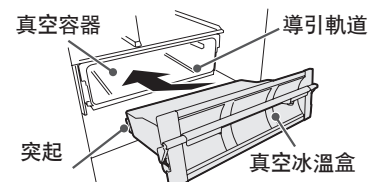
卸除方法

拉出真空冰溫盒，輕輕拿起前面，斜斜的拉出。



安裝方法

讓真空冰溫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。

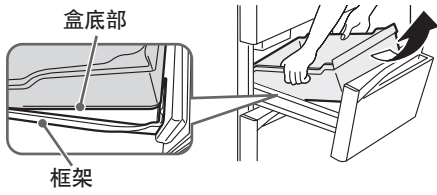


敬請依照指示操作 安裝後請重複多次的拉出放入，確認是否已經正確安裝好。

G 製冰盒 (製冰室)

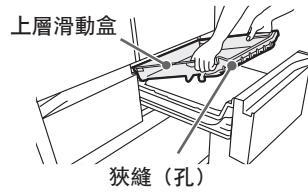
打開門，向方取出。

安裝時要將箱底面裝載在框架上。



H 上層滑動盒 · 下層冷凍盒 (冷凍室)

- 1 打開門，拉出上層滑動盒。
- 2 抬起下層冷凍盒。安裝時，請將下層冷凍盒底載置於框架上組裝。

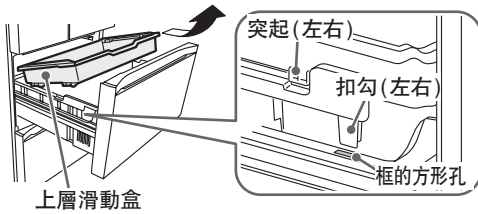


請將上層滑動盒有狹縫 (孔) 的一側朝向身前，放入。

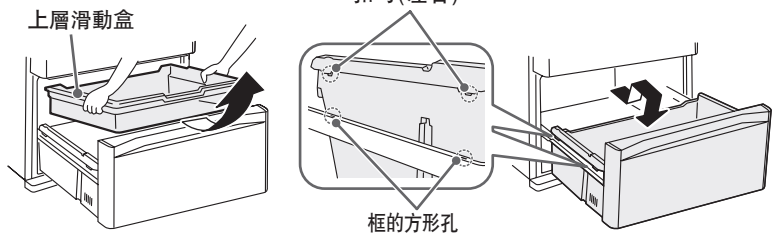
I J 上層滑動盒 · 下層置物盒 (上層 · 下層切換室)

- 1 打開門，抽出上層滑動盒。將門向身前充分打開，向身前側抬起下層切換室的兩端，然後慢慢拉出，放在地板上。

上層切換室

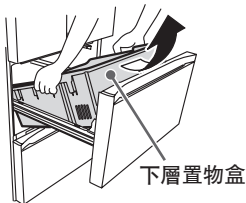


下層切換室

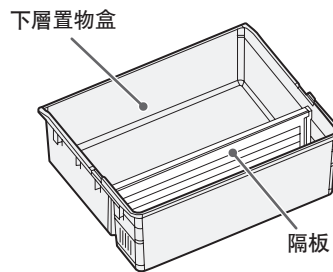
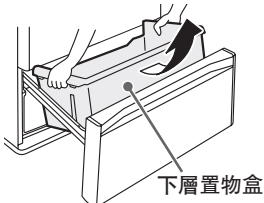


- 2 將下層置物盒向身前側抬起。

上層切換室



下層切換室

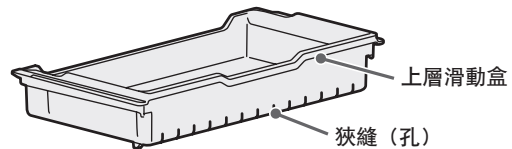


注意事項

- 上層切換室與下層切換室的下層置物盒的隔板拆不下來。

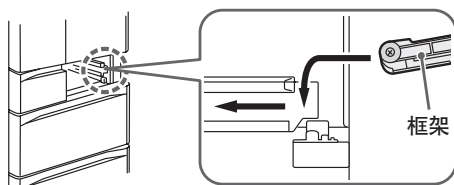
注意事項

- 如果沒有正確組裝，則會導致開閉時的異常聲音、門關不嚴。還有可能導致收納盒等部件破損。
- 安裝上層滑動盒時，請將有狹縫 (孔) 的一側作為正面安裝。安裝後，請將上層滑動盒前後滑動，確認已經正確安裝好。
- 開門時請注意腳切勿靠近門。腳有可能被門夾傷。
- 請注意，蓄積的水可能從下層置物盒背面流出。

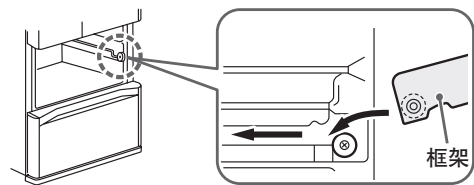


拉取式門的安裝方法 (製冰室 · 冷凍室 · 上層切換室 · 下層切換室)

製冰室 · 冷凍室




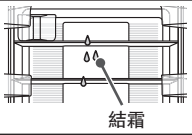


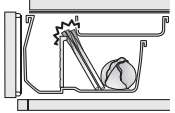
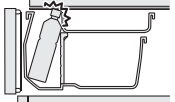
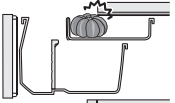
上層切換室 · 下層切換室



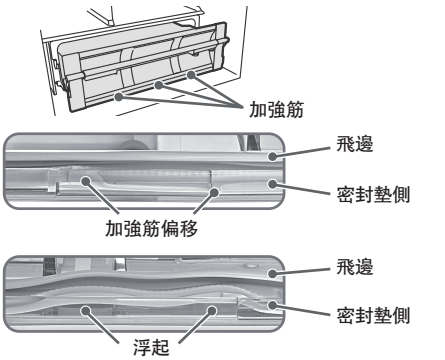
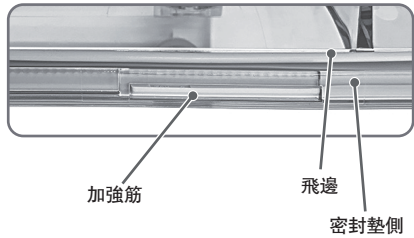
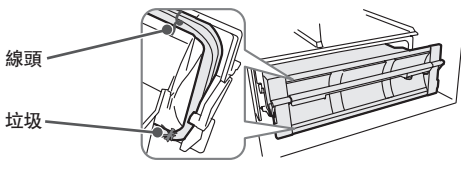
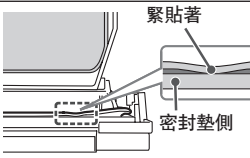
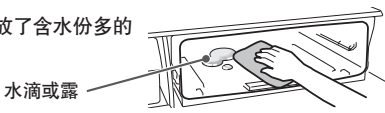
遇到問題時

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

這種情況下		請確認	請依照這樣做。就是這樣的理由。
初次使用時	不冷	設置後是否未達 24 小時？	設置後至完全冷卻需要 24 小時。請將存放的食品間保留間隙，並儘量減少開閉次數，耐心等待。此外，夏天或食品大量存放時，至完全冷卻需更多時間。
	無法製冰	設置後是否未達 24 小時？	剛設置後，因冰箱未完全冷卻，到可以製冰需要 24 小時以上。請將存放的食品間保留間隙，並儘量減少開閉次數，耐心等待。
操作面板	玻璃觸碰部不起反應	是否顯示部  顯示亮燈？ 操作部設定為鎖定。	請解除操作面板鎖定設定。 (→ 33頁)
		冷藏室門開著嗎？	請關閉後再操作。
		操作部分是否附著水滴或是污垢？	以沾濕的布擦拭髒污後，再以乾布擦拭乾淨。
		戴著手套或貼著膠布嗎？	請直接用手指按。
		是否碰觸到周圍的操作部？	請只碰觸想要操作的操作部。
操作部熄燈	「WLAN」  是否閃爍？	雪櫃的軟件正在進行更新。雪櫃的軟件在更新過程中無法操作。請稍等至更新結束。	
		操作結束後，為節省電力，40 秒後顯示部熄燈。(→ 21頁) 若要讓其亮燈時，請觸按  按鍵，或打開冷藏室門。	
不冷	不冷・放入設定為「冷凍」的切換室中的冰淇淋變軟	食品或袋子是否被夾著，門關緊了嗎？	請去除被夾住的食物，確實關緊冰箱門。此外，食品收納時請注意食品的高度。
		是否塞入過多食品，是否一次放入了大量的食物呢？	食品之間請空開間隙存放。
		各存放室的盒子是否確實地安裝？	請正確安裝好。(→ 39頁)
		根據冰箱的設置場所及空隙，環境狀況等，有可能會難以冷卻的情形。	請確認是否已正確安裝。(→ 8頁)
		是否設定為「節電」模式？	請解除「節電」模式。(→ 34頁)
		是否溫度設定在「弱」？	不太容易降溫的室內，請變更溫度設定。(→ 22, 29, 30頁)
		切換室的設定是否為「冷藏」？	
		在夏季等，電冰箱的環境溫度高嗎？	
結霜・結露	冰箱內及・抽屜框架上結霜・結露・冰	是否長時間開啟冰箱門，或冰箱門開啟頻繁？	冰箱門開啟著時，冰箱內的溫度會逐漸上升。頻繁地開閉或是長時間開啟著門的話，冰箱內的溫度會難以下降。請減少冰箱門的開閉次數及盡量縮短開閉的時間。
		操作部的顯示是否依次改變？	因為設定為店面專用模式，請解除。(→ 41頁)
	冰箱的外側結露	冰箱門或抽屜是否沒完全關緊？	關閉抽屜或冰箱門時，請確實確認是否夾到食品或包裝袋，請確實關緊。
		是否長時間開啟冰箱門，或冰箱門開啟頻繁？	當冰箱門關閉時，可能因空氣中含的水分變成霜、冰，凝結在冷凍室的壁面或零件上。請盡量迅速開閉箱門，以及減少開閉的次數。此時請以乾布將霜、露水擦拭。
		冰箱周圍的溼度是否過高？	下雨天等室內溼度高的時候會結露。此時請以乾布將露水擦拭。
	冰箱背面及牆壁結露	是否防止結露的加熱器設定為弱的狀態？	冰箱周圍的溼度變高時，可能會有結露的情形。請將防止結露的加熱器設定為「標準」。請以乾布擦拭露水。(→ 34頁)
是否溫度設定在「■■■■」？		溫度設定為「■■■■」時，冰箱門表面可能會有結露情形。請將溫度設定為「■■■」。請以乾布擦拭露水。	
自動製冰	冷藏室中凝結露水	是否冰箱周圍的溼度變高、冰箱背面和牆壁間的空隙變小？	請和冷藏庫背面距離 2cm 以上。(→ 8頁)
		是否長時間開啟冰箱門，或冰箱門開啟頻繁？	冰箱門的開閉次數頻繁時，或冰箱周圍溫度高時，壁面會起霧，在冷氣出風口附近會凝結露水。並不是故障。此時請以乾布擦拭。 
	完全不能製冰	是否顯示部的「Off (製冰停止)」顯示亮燈？ 設定為製冰停止。	請設定「On」或「Quick」。(→ 26, 27頁)
		是否顯示部的「Water」顯示亮燈？ 給水槽內的水變少。	請加水至給水槽內。(→ 26, 27頁)
是否給水槽的水變少？		水量變少時，有可能無法製冰。請試試加水加到給水槽的滿水線。(→ 26頁)	
很難結冰	給水槽是否推入到超過「水槽安裝位置」線？	請將給水槽推至比水槽安裝位置更裡面。(→ 26頁)	
	製冰盒裡面是否存放了冰以外的東西？	請從製冰盒中取出。	
	儲冰量是否有局部超過最大儲冰界線？	請將冰塊整平。(→ 27頁)	
	是否頻繁地敞開門，是否一次存放了大量的食物呢？	冰箱內無法充分冷卻。請試試在冰箱內冷卻前，盡量減少開閉門。請試試盡量空開儲存食品之間隙。	
	是否冰箱周圍的溫度變低？	冬天，到可以製冰需要 4 小時以上。請儘量減少冰箱門開閉次數，耐心等待。	
	是否剛從「Off (製冰停止)」設定改為「On」？	剛改變設定後，可能需要更多時間。請儘量減少冰箱門開閉次數，耐心等待。	
	食品或袋子是否被夾著，冷凍室或製冰室門是否關緊？	請去除被夾住的食物，確實關緊冰箱門。	
	是否設定為「節電」模式？	請解除「節電」模式。(→ 34頁)	


	這種情況下	請確認	請依照這樣做。就是這樣的理由。
自動製冰	冰塊有凸起	_____	是製冰盤的溝上積水凍結了。 不是異常。
	所儲存的冰塊變小 冰塊之間粘在一起	是否積存了舊的冰塊？	舊的冰塊會變小，且會互相黏結。如果只是用冰鏟就能將冰塊分離的話，表示沒有什麼問題。
		是否頻繁地敞開門，是否一次存放了大量的食物呢？ 冷藏室門或抽屜是否沒完全關緊？	請盡量迅速開關箱門，以及減少開關的次數。 關閉冰箱門時，請確實關緊。
	製成的冰塊很小	是否給水槽的水變少了？	當剩餘的水變少時，製冰機可能製成小的冰塊。 請試試加水加到給水槽的滿水線。 → 26頁
	製成粘在一起的冰塊	_____	製冰盤的溝槽部分殘留的冰塊會互相黏結。 不是異常。
	冰塊裡有白色混濁	_____	是因為混在水中的氣泡被封在冰塊裡面了。
用礦泉水製冰了嗎？		水中含有的礦物質凍結會變白而混濁。即使在水裡融化了也會有白色混濁，不過無害。	
無法製冰時	_____	請設定成「製冰停止」。 請參考「製冰停止」。 → 27頁	
顯示部正在閃爍	Save、Fridge、Select Zone 的溫度調節燈有三個以上正在閃爍。	請逐一確認 Save、Fridge「■■■■·■■·■」以及 Select Zone「■■■■·■■·■」共七個燈閃爍。熄燈。	請在右欄將閃爍的燈號做 <input checked="" type="checkbox"/> 記號，與顧客諮詢窗口聯繫。 詳細紀錄才能正確的傳達。 
	「WLAN」及 Fridge 的溫度調節顯示合計三個以上閃爍。	逐一確認冷凍「WLAN」和 Fridge「■■■■·■■·■」這四項的閃爍、熄燈。	請在右欄將閃爍的燈號做 <input checked="" type="checkbox"/> 記號，與顧客諮詢窗口聯繫。 詳細紀錄才能正確的傳達。 
	Ice Maker「On」或 Select Zone「■■■■·■■·■」及 Fridge「■■■■·■■·■」閃爍	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」。 → 37頁
	Quick On Off 全部呈閃爍	是否觸按 Ice Maker 按鍵長達 5 秒以上。	正在進行「製冰機清潔」。 閃爍約 4 分鐘即停止。在顯示燈閃爍時，請勿開啟冰箱門。
	全部的顯示閃爍	是否冰箱門開啟中？ 是否冰箱門夾住食品，或無確實關緊？	若冰箱門開啟狀態時，請關閉冰箱門。 若冰箱門夾住食品，或無確實關緊，請除去被夾住的食物，將冰箱門確實關緊。
	亮燈著的燈不斷變化。	_____	因為設定為店面專用模式，請操作解除設定。 店面專用模式時，無法冷卻運轉。 打開冷藏室門（左右）、上層切換室門。 按下操作面板的 MENU 按鍵，讓其顯示亮燈。 持續按 Select Zone 10 秒以上直至發出嗶嗶的鳴響。 數秒之內所有的顯示亮燈，店面專用模式解除，即開始冷卻運轉。 關閉冷藏室門（左右）、上層切換室門。
切換室的問題點	切換室中結露。	是否存放了大量的含水份多的蔬菜？	當切換室中收納有蔬菜時，濕度會比其他室高，因此有時會因蔬菜的量和種類而在切換室的頂部、食品的表面產生結露。 這並非異常現象。若在意結露，建議將食品以包鮮膜包裹後再放入。此外，結露變多時，有時切換室內會有水滴蓄積。
	告知切換警示燈不亮燈。	請確認門顯示部的「告知切換警示燈」。	告知切換警示燈在正在對切換室的設定進行切換時亮燈。在購買時的設定（上層切換室「冷凍」下層切換室「冷藏」）下使用時，門顯示部的「告知切換警示燈」不亮燈。
	在切換室的門關不上、 切換室的門打開了時， 上層盒回不到鎖定位置	上層滑動盒與下層置物盒之間是否夾有食品等異物？	
是否有寶特瓶或食品碰觸到上層滑動盒的把手部位？			存放時請勿讓寶特瓶或食品碰觸到把手部位。
是否有食物夾在上層滑動盒與切換室的頂部之間？			請除去被夾住的物品。 此外，請勿在食物接觸到切換室的頂部的狀態下，硬將冰箱門關上。

遇到問題時 (續前頁)

這種情況下	請確認	請依照這樣做。就是這樣的理由。
<p style="writing-mode: vertical-rl; text-orientation: upright;">真空冰溫室的問題</p> <p>打開時，不發出「咻」的聲音</p>	真空冰溫室的設定是否為「Off (關)」(非真空的冰溫)?	請將設定改為「On」(→ 25頁)
	把手往上翹著嗎?	請將把手往下押，鎖定。
	把手是否有推到最終的位置，牢牢地鎖住?	如果沒有鎖住，則無法啟動真空機能。 請將把手往下推押到底，確實地鎖緊。
	真空冰溫密封墊是否脫離? 或者密封墊是否浮起? 	請將真空冰溫的密封墊的突起處和滑動盒的洞相吻合後安裝。 為了不要讓密封墊浮起請放到最裡面。 
	真空冰溫的密封墊與真空密封墊承受不之間是否夾著食品的包裝等、附著污垢或線頭或垃圾? 	若食品包裝等異物被夾住時，請除去異物。 如果真空冰溫的密封墊髒了，請進行清潔。 (→ 36頁)
	密封墊是否緊貼著? 	若密封墊緊貼著，則無法維持密封狀態。 若緊貼時，請將其剝離。 因為左右面及下面無法看清楚，請將真空冰溫盒拆卸後進行確認。(→ 38頁) 若密封墊髒污時，請清潔乾淨。(→ 36頁)
	是否在真空冰溫室或冷藏室門開啟關閉之後?	真空幫浦啟動後，至達到真空狀態約需 3 ~ 4 分鐘。關閉後，請等待 4 分鐘以上。
不知道是否在真空	打開真空冰溫時，是否發出聲音?	打開時如有「咻」的聲音，便是正常。
把手不能上鎖	真空冰溫密封墊部分及真空冰溫盒的裡面是否有食品等被夾著呢?	若有被夾住請除去異物。
	是否正確地安裝真空冰溫盒?	請依照「安裝的方法」所指示安裝真空冰溫盒。 (→ 38頁)
真空冰溫室的周圍發出「呸～」的聲音和振動	_____	是真空幫浦的運作聲音。 如夜間等介意有聲音的時候，可以停止真空幫浦的運作。 真空冰溫室請變更設定為「Off (關)」(非真空的冰溫)。 (→ 25頁)
	是否真空冰溫盒夾住物品，或真空冰溫的密封墊髒了? 是否將把手往下推押到底，確實地鎖緊?	若食品包裝等異物被夾住時，請除去異物。 請清洗髒污的真空冰溫密封墊。(→ 36頁) 請將把手往下推押到底，確實地鎖緊。
真空冰溫室的內部或真空冰溫盒的周邊有水滴或結霜，冰	是否存放了含水份多的食物? 	因為真空冰溫室是密封的狀態，如果存放水份較多的食品時，會在室內凝結成露水或結成霜。 水份較多的食品建議以保鮮膜包覆。如果附著了水滴或結霜，請用沾了溫水的布擦拭。



	這種情況下	請確認	請依照這樣做。就是這樣的理由。
箱門高低不平衡 以及歪斜	左右箱門高低不平衡箱門歪斜	設置的地點是否呈水平？	性能上沒有問題，可以照舊使用，不過介意的話，試試調整左右的調節腳。 (→ 8頁)
		是否由於地板材質太軟加上儲放物的重量使冰箱腳下沉？	冰箱雪櫃傾斜的時候，請鋪上 1cm 以上厚的堅固的板子。
有異味	有塑膠味	_____	是因為在冰箱內使用了多數的塑膠部件，不過，充分冷卻後自然就會慢慢減輕。不是異常。
	冰塊有異味	給水槽，淨水濾片骯髒嗎？冰塊舊嗎？	為了防止「發黏」「水垢」，請定期清洗。 (→ 36, 37頁)
		_____	由於自來水中的氯元素凝結，氯的氣味會很重。
冰箱內有異味	是否直接地儲放了氣味重的食品呢？	脫臭機能不能完全去除所有的氣味。請用保鮮膜等密封後儲放。	
太冷 凍結了	太冷 凍結了	溫度調節為「■■■■」了嗎？	請設定為「■■■」。(→ 22, 30頁)
		環境溫度是否 5°C 以下呢？	周圍溫度低時可能冰箱內的溫度會太冷。請將溫度調節為「■」。
		是否放置在冷氣吹出口的前方？	請不要放置在冷氣吹出口前。加蓋或以保鮮膜包裹可以防止食品結凍。
冰箱發熱	電冰箱的側面發熱箱腳底下吹出暖風	_____	為了讓冷卻裝置運作時所產生的熱氣向外排而會發熱。剛安裝後或是夏季，可能會有 50 ~ 60°C，在安全上及性能上沒有問題，但請勿以手觸摸。
聲音不對	冰箱發出的聲音嘈雜	地板是否有彎曲？	請鋪上厚度 1cm 以上的牢固板子後，將冰箱設置在板子上。(→ 8頁)
		冰箱是否靠著牆或家具？	請在冰箱的周圍空出間隙安裝。
		冰箱是否充分冷卻？	購買後，剛開始使用等冰箱還未冷卻時，箱門開閉頻繁時，周圍的溫度高時，由於壓縮機高速運作，可能會感覺到聲音大。
		是否設定為「Quick」？	設定在「Quick」時，壓縮機及風扇馬達會加速運轉，聲音會變大。
	運作音長	_____	因正處於省能源運轉狀態，壓縮機慢慢地運轉，所以可能運轉聲音會維持較久時間。
	有時聲音變大	_____	因應冰箱內的溫度變化，而變更運轉的強度，所以有時會發出較大的聲音。
	其他 例如聽到這樣的聲音時	像流水的聲音 (啾啾啾) 像碰撞的聲音 (叩叩叩) 像沸騰的聲音 (噉噉噉) 像燒肉的聲音 (唧~)	是電冰箱的冷媒流動聲，融霜時的水流聲蒸發聲。在打開冷藏室門時，有時冰箱內會發出聲音。不是異常。
像摩擦的聲音 (啾啾) (“叩動”聲)	是冰箱的溫度變化時部件的摩擦聲。不是異常。		
像什麼被卡著的聲音 (嗚嗚嗚) 像呻吟的聲音 (嘆~)	是控制冰箱內溫度的電氣部件的運作聲。不是異常。		
自動製冰機的聲音 (啾~) (嘎啦嘎啦) (咯囉咯囉)	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。不是異常。按下  按鍵，讓其顯示為「Off (製冰停止)」時，就不會發出聲音。(→ 27頁)		
時常有的聲音 (卡嗒卡嗒)	是為了冷卻冰箱內食品而在開始或結束運作時發出的聲音。不是異常。		

遇到問題時 (續前頁)

	這種情況下	請確認	請依照這樣做。就是這樣的理由。
	觸碰到機體會感覺到微量的電流	——	電冰箱會帶有靜電，安全上沒有問題。
	電視機・收音機等發生有雜音・映像的花亂	——	是從電冰箱發出的微弱電磁波的影響。要安裝時請遠離電視機、收音機、門鈴對講機等。建議在離開天線等的地方接電源。
	塑膠零件上有像傷痕一樣的細線	——	是塑膠成型時發生的樹脂流痕。透明的部件會特別顯眼，強度上沒有問題，不會破裂。
	箱門面或側面・頂面上有波紋或歪扭	——	冰箱的製造工程上，會發生輕微的波紋或歪扭。根據照射方向及亮度等會感到顯眼，這不是異常現象，在性能上也沒有問題。
	箱門內側有小的洞	——	<p>這個洞是在冰箱製造過程中，填充斷熱材料時為了讓內部的空氣往外散所挖的洞。不是損傷也不是異常情形。</p>  <p>※ 因商品不同，可能貼著貼紙，使用時請勿將貼紙撕下。</p>
	停電了	——	在到恢復之間，請減少箱門的開閉，避免重新再存放食品。停電後恢復供電時，請確認操作部位的設定。
	長時間不使用冰箱	——	請將冰箱內的東西全部清出。請先將電源插頭拔除，再進行冰箱內、自動製冰機的清潔。 (→ 35~37頁) 所有的門打開讓其乾燥 2 ~ 3 天。
	除霜	——	此電冰箱自動除霜，不需要操作。溶解了的水會積在蒸發盤上，自動蒸發。
	移動・搬運	——	請參閱「移動・搬運的事前準備(搬家時)」 (→ 47頁)
	玻璃破裂 (冰箱門玻璃) (玻璃層架)	——	請勿觸碰破碎的玻璃，立刻聯絡購買的銷售店，委託修理。
	關閉冰箱門時，其他門則自動開啟	——	是否關閉冰箱門時用力過猛呢？因為各冷藏室的冷氣通路是相連通，有可能因為關閉冰箱門時的風壓，而導致其他門瞬間開啟。
	冰箱門關閉後，再想要打開時，感覺很重	——	冰箱門是否長時間處在開啟狀態呢？在冰箱內的空氣瞬間被冷卻，此時短時間內壓力變低所造成的現象。請勿長時間開啟冰箱門，縮短開閉的時間。
	特別在意震動音，因濕氣而導致背面牆壁變色・髒污時。	——	請將冰箱設置在離背面牆壁 2cm 以上。 (→ 8頁)
其他	小蒼蠅等昆蟲飛入冰箱時	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。
	小蒼蠅等昆蟲飛入冰箱時	冰箱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。
	小蒼蠅等昆蟲飛入冰箱時	箱門是否長時間開啟？	請盡量在拿取食品後馬上關上箱門。

這種情況下	請依照這樣做。就是這樣的理由。
想知道智能手機是否能對應專用應用程式	對應的 OS 版本請參閱以下網頁。 https://www.homeappliances.hitachi.com/global/app/ref/series01/index.html
想使用平板電腦	專用應用程式無法對應平板電腦 (無法保證正常動作)
想使用行動式路由器、網絡共用	行動式路由器、網絡共用無法保證正常動作。 縱使可以對應 IEEE802.11b、IEEE802.11g、IEEE802.11n(只有 2.4GHz) 也有可能無法使用。
想不使用專用應用程式來操作	使用「操作面板」功能或「通知」功能，必須使用專用應用程式。
雪櫃與智能手機 無線區域網絡無法連線	雪櫃與智能手機連接無線區域網絡，必須要有以下的環境。 • 必須要有連接網絡的環境。 • 必須要有無線區域網絡路由器。 • 無線區域網絡路由器必須要對應 IEEE802.11b、IEEE802.11g、IEEE802.11n(2.4GHz) 的任何一個。如果無法對應，則無法利用無線區域網絡功能進行連線。 此外，IEEE802.11n 的 5GHz、IEEE802.11.ac 無法對應。
	請確認無線區域網絡路由器是否開啟電源。 請參閱無線區域網絡路由器的使用說明書，開啟電源。
	請確認無線區域網絡的功能是否設置在「有」。 如果設定在「無」時，無線區域網絡無法連接。 (→ 14頁)
	請確認無線區域網絡路由器是否在隱藏模式 /ANY 鍵連線禁止 /SSID 的非顯示狀態。請將隱藏模式解除，進行配對設置。 隱藏模式的解除方法，請參照無線區域網絡路由器的使用說明書。
	請確認密碼是否正確。 無線區域網絡路由器的密碼錯誤時，無法連接無線區域網絡。
	雪櫃的「WLAN」如果是在閃爍的狀態時，因為通訊正在準備中，無線區域網絡無法連線。 請稍等直到顯示亮燈。
	雪櫃的「  」顯示熄滅時，無線區域網絡無法連線。 (→ 46頁)「  」顯示熄滅)
	如果在使用 2.4GHz 頻率的微波爐或使用 Bluetooth 的電子機器附近時，有可能受到電波的影響，短時間的通訊斷線或傳輸速度變慢。 如果不符合以上的情形，請將智能手機、無線區域網絡路由器的電源關掉，經過一段時間之後再將電源開啟。
雪櫃與智能手機無法配對設置	請將智能手機連接與雪櫃連接的無線區域網絡路由器。
	配對設置只能 1 部 1 部設置。 請勿同時將複數的智能手機做配對設置。
	請確認無線區域網絡路由器是否在隱藏模式 /ANY KEY 連線禁止 /SSID 的非顯示狀態。 請將隱藏模式解除，進行配對設置。 隱藏模式的解除方法，請參照無線區域網絡路由器的使用說明書。
	雪櫃的「WLAN」如果是在閃爍的狀態時，因為通訊正在準備中，無線區域網絡無法連線。 請稍等直到顯示亮燈。
	請確認無線區域網絡的功能是否設定在「有」。 如果設定在「無」時，無線區域網絡無法連接。 (→ 14頁)
	請確認密碼是否正確。 無線區域網絡路由器的密碼錯誤時，無法與無線區域網絡配對設置。
	雪櫃離開無線區域網絡路由器時，電波有可能會減弱。 請移動至無線區域網絡路由器附近，或使用無線區域網絡路由器的中繼器等。
	如果在使用 2.4GHz 頻率的微波爐或使用 Bluetooth 的電子機器附近時，有可能受到電波的影響，短時間的通訊斷線或傳輸速度變慢。 1 部無線區域網絡路由器，可以對應 2.4GHz 及 5GHz2 種頻率時，請連接 2.4GHz 的 SSID。 請使用可以對應 IEEE802.11b、IEEE802.11g、IEEE802.11n(只有 2.4GHz) 無線區域網絡路由器。

遇到問題時 (續前頁)



這種情況下	請依照這樣做。就是這樣的理由。
不知道無線區域網路路由器的 SSID 或密碼	請確認無線區域網路路由器的使用說明書。 密碼是依無線區域網路路由器的製造廠商及機種不同，有可能記載成「加密金鑰」或「安全金鑰」。
想不註冊會員就使用專用應用程式	要使用專用應用程式，需要註冊會員。 請從應用程式進行註冊。
請與其他家人以同一個註冊 ID 註冊	一個註冊 ID 在同一個時間只有一個人可以註冊。
從智能手機無法雪櫃操作 無法接受操作	其他用戶在操作之後，無法接受從智能手機的操作。 請稍等片刻後再行操作。
	請確認智能手機是否有與無線區域網路，或手機電話網路連線。
	如果雪櫃離開無線區域網路路由器時，請將雪櫃移動至無線區域網路路由器的附近。
	雪櫃的「WLAN」如果是在閃爍的狀態時，因為通訊正在準備中，無線區域網路無法連線。 請稍等直到顯示亮燈。
訊息通知沒有送達	雪櫃的「WLAN」閃爍時，因為正通訊準備中，推送通知無法送達。 開啟雪櫃的電源之後，因為系統正在通訊準備，請稍等。
	請以智能手機的「設定」確認專用應用程式是否設定成通知。
	請確認從專用應用程式的「通知設置」是否設定成通知。 (→ 18頁)
想停止推送通知	請從專用應用程式的「通知設置」變成不設定通知。 (→ 18頁)
雪櫃的運轉狀態與推送通知內容不相同	依伺服器的狀態、雪櫃以及智能手機的通訊狀態，有可能雪櫃的運轉狀態延遲通知。
專用應用程式所顯示的狀態與雪櫃的動作有所不同	依伺服器的狀態、雪櫃、智能手機的通訊狀態，專用應用程式的顯示與雪櫃運轉狀況有所不同。
「WLAN」閃爍	開啟雪櫃的電源之後，因為系統正在通訊準備，「WLAN」閃爍。 請稍等直到燈號顯示亮燈。
「  」的顯示熄滅	如果沒有完成配對設置，「  」的顯示不會亮燈。 請進行配對設置。 (→ 12~14頁)
	請確認無線區域網路路由器的電源是否開啟。 請確認無線區域網路路由器的使用說明書，將電源開啟。
	請確認無線區域網路的功能是否設置在「有」。 如果設定在「無」無線區域網路則無法連線。 (→ 14頁)
使用說明書的記載內容與雪櫃及專用應用程式的動作有所不同	依照雪櫃軟件的更新、專用應用程式的更新，記載內容有可能有所不同。

無線區域網路

(→ 請參照下列「」顯示熄滅)

移動・搬運的事前準備 (搬家時)

- 1** 將食物及冰塊取出
- 2** 將給水槽、製冰盤的水倒掉
- 3** 拔除電源插頭
要搬動之前拔除即可
- 4** 拆除冰箱腳座護蓋，將調節腳升高
→ 8頁
- 5** 以膠布將冰箱門・電源線固定
- 6** 移動・搬運時請鋪上保護用的鋪墊或布
防止刮傷地板、或冰箱內部殘留水流至地板。

- 7** 在地板上鋪上鋪墊或布，將冰箱往後傾倒，讓內部的水流出

舊的布巾等
- 8** 搬運時請握住搬運把手搬運，並請2人以上進行搬運
運輸時請勿將冰箱橫放。
(冰箱故障的原因)

- 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冰箱的型號，購買專用的零件。

這種情況時	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	

三重抗菌除臭

利用三種除臭素材的完美組合，有效地捕捉並去除冰箱內含有硫磺系、氮系、醛系、酸系等四大異味分子。

有關碳氫化合物的冰箱 / 可容納的食品重量

有關碳氫化合物的冰箱

- 本冰箱所使用冷媒及其他斷熱材料皆無使用氟氯化碳、而是使用碳氫化合物。碳氫化合物不會破壞地球臭氧層、對地球溫室效應的影響非常小、屬於環保物質。
- 碳氫化合物為可燃型物質。冷媒密封於冷媒迴路管中、在一般的使用情況下應該不會發生外洩。但萬一有冷媒管線損壞的情況發生、請遠離火源及避免使用電器用品、將門窗打開以利空氣流通。之後、請立即與經銷商或日立技術中心聯絡。

可容納的食品重量

可容納於層架或收納盒內的食品重量如下：

	零件名稱	R-KWC570K 型號
冷藏室	可調式層架上段	17.5 kg
	可調式層架中段	17.5 kg
	可調式層架下段, 固定層架	18.5 kg
	真空冰溫室上方的層架	10.5 kg
	真空冰溫室盒	4.5 kg
	冰箱門置物架 (右側) 合計 冰箱門置物架 (左側) 合計	18.0 kg 12.5 kg
製冰室	製冰盒 → 27頁	
冷凍室	上層滑動盒	1.6kg
	下層冷凍盒	3.2kg
上層切換室	上層滑動盒	6.0kg
	下層冷凍盒	18.0kg
下層切換室	上層滑動盒	6.0kg
	下層冷凍盒	17.0kg

關於廢棄之重要警告

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。

關於售後服務

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。

- 香港
阿奇立克日立家電（香港）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



INSTRUCTION MANUAL

REFRIGERATOR-FREEZER

HITACHI
Inspire the Next

For household use

Model R-KWC570KH R-KWC570KS

SELECTABLE COMPARTMENT (Selectable Zone Compartments) Default Settings

At purchased,
Upper Selectable Compartment is set as “Freezer”, and
Lower Selectable Compartment is set as “Fridge” .
Switch to your preferred setting for use.

→ Pg.29



Made in Japan

6 doors

Thank you very much for purchasing a Hitachi Refrigerator.

This refrigerator is designed for home use only.

Do not use this refrigerator for the business use and/or any purpose other than storing food.

Please read this operation manual carefully and ensure you use the appliance correctly. In particular, be sure to read the “Safety Suggestions” section of this operation manual before use.

Please keep this operation manual along with your guarantee card. Hand over this operation manual together with the refrigerator when the refrigerator is passed to a third party and used in a different location, or when it is sent to a recycling plant.

● **It takes time to cool for the first time.** → Pg.8, 9

It may take more than 4 ~ 24 hours to fully cool.

● **Make sure that no food protrudes beyond the storage height limit of each compartment, and allow clearance between each food in each compartment.** → Pg.30

Otherwise, food and/or package may not be stored in each compartment properly, and as a result, the door may not be closed completely. It may cause the refrigerator not to cool sufficiently and/or not to make ice.

Tips for using the refrigerator wisely for energy savings

1. Open or close a door less frequently and quickly.

Frequent opening and closing leads to waste of energy.

2. Do not overfill the refrigerator.

Overfilling the refrigerator prevents a smooth circulation of cool air, precluding even cooling throughout the refrigerator and consuming unnecessary power. Place food at appropriate intervals.

3. Do not place hot food in the refrigerator.

Placing hot food raises the temperature in the refrigerator, which, in turn, raises the temperature of surrounding food.

4. Provide an appropriate gap around the refrigerator.

Installing the refrigerator with little clearance between the refrigerator and the surrounding objects prevents the release of heat and thus leads to the waste of power.

5. Replace a damaged door gasket.

Cool air leaks through a damaged gasket, which leads to the waste of power. If a name card inserted between the gasket and the refrigerator slides down, the gasket needs replacing.

FREQUENTLY-ASKED QUESTIONS (FAQs)

If the ice is not made

→ Pg.40

If the refrigerator is not cooled down well

→ Pg.40

If frost or dew is formed

→ Pg.40

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SAFETY SUGGESTIONS



Ensure to follow these precautions

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


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

	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.

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

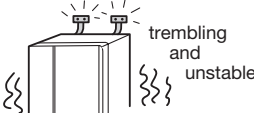


	This symbol indicates something you must not do. (Prohibited)
	This symbol indicates something you must do. (Compulsory)

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


 This symbol denotes the precautions on flammable refrigerants.
R600a

⚠ WARNING

Installation



- 
Take measures to prevent overturning of refrigerator due to earthquake, etc.
 - Overturning of the refrigerator could result in personal injury.
- 
Do not install the refrigerator in damp places or where water may splash.
 - This may impair electricity insulation causing electric shock or fire.

Handling the power and power cable

- 
Avoid usage that may cause the wall outlet or power cord components to work beyond their specified electric current.

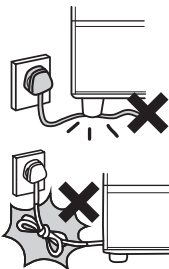
Also do not use power sources that are not a rated AC voltage.


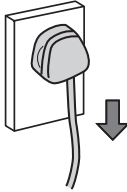

If a power source is shared with other appliances, double or multipoint adapters may heat up beyond normal levels and cause fire.

 - Use a wall outlet rated above 10 ampere by itself.
- 
Do not do anything that may damage the power cord or plug.


(The power cord or plug should not be cut, modified, touched with hot implements, bent by force, twisted, pulled, have heavy objects placed on it, squeezed by the refrigerator, or be bound or tied up.)

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

 - 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 running down.
 - Connection of the power plug with the cord running up could apply stress on the cord and cause electrical short or overheat, which could result in electrical shock or fire.
 - Incomplete connection of the power plug could result in electrical shock or fire due to heat.
- 
Clean the dust on the power plug frequently.

Insulation failure from moisture when dust collects 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



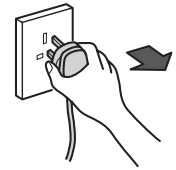
Wet Hands Prohibited

- **Do not insert or remove the power plug with wet hands.**
 - This may result in electric shock.
- **This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.**



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

Continued use may cause electric shock or injury. → Pg.35
• Always hold the plug when unplugging it.

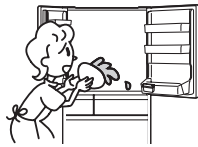


During use



Wetting Prohibited

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



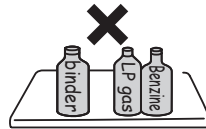
- **Do not put water containers on the refrigerator.**

• 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 things that may catch fire.**
 - Benzine, ether, LP gas, thinner, adhesives may ignite an explosion.



- **Do not store dry ices in the refrigerator.**
 - It may be dangerous of busting if placed in a bag or etc.

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



- **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 put too much force on the door by opening it too much or leaning on the opened door.**

- **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 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 remove the cover of the interior lamp.**

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

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

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



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.**

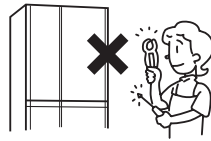
⚠ WARNING R600a

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



Prohibited

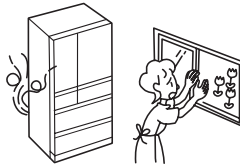
- **Do not scratch or damage the main body of the refrigerator with a sharp object such as screw.**
Since the refrigerant used is flammable, any leakage from the pipe inside the wall may cause ignition and explosion.



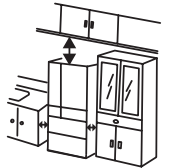
- **Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.**
- **Do not use electrical appliances inside the refrigerator.**
 - If the refrigerant leaks, sparks on the contact may cause ignition and explosion.



- **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.



- **Allow clearance around the refrigerator and keep ventilation openings when installing it.** → Pg.8
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.



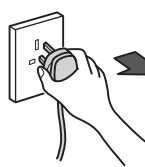
R600a

- **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 and installation of used flammable refrigerant shall be done by Hitachi authorized service companies or service engineer 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.**



Wireless LAN Feature (Remote control by wireless LAN function)



- **Do not use this near automatic control devices such as automatic door.**
Radio waves from the wireless LAN may affect automatic control devices. It may cause a malfunction.
- **Do not use this in rooms with medical electrical equipment.**
Radio waves from the wireless LAN may affect the medical device. It may cause a malfunction.
- **Keep this device away from your cardiac pacemaker.**
Radio waves from the wireless LAN may affect the operation of your cardiac pacemaker.
If you are using a cardiac pacemaker, please consult the medical specialist on using this machine.

CAUTION

When moving the refrigerator

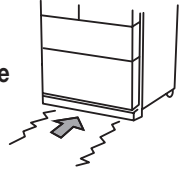


Prohibited

- **Do not move the refrigerator by using its wheels as it may damage the floor.**

- Please lay a protective mat.

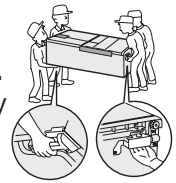
- **Never hang the handle with a crane, etc.**
- **Take care not to bang the back / side of the refrigerator.**



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

Your hands may slip resulting in injury if you hold the refrigerator at other places 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.
- Never hang the handle with a crane.
- Use a tape to fix an electric plug/power cord so that it may 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.

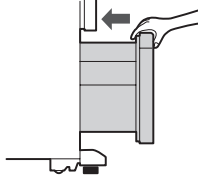


- **Do not put the glass bottles in the Freezer Compartment.**

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

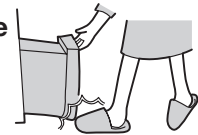
- **When opening or closing a door while the adjacent door is left open, exercise caution lest your hand or a finger should be caught between the opened doors.**

- **Do not close a door while holding a portion other than the handle.**



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

- When opening this door 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 ask us for inspection.**

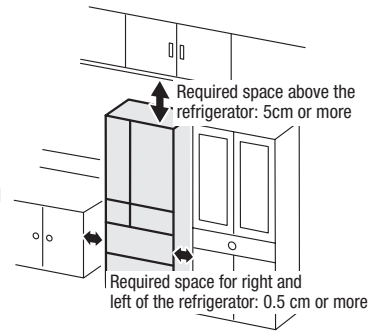
BEFORE USE

Preparation before use

1

Please arrange it as shown below

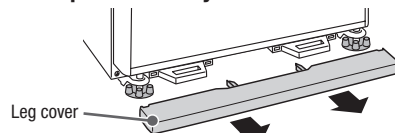
- The floor should be sturdy and flat. Lay a board with 1cm thickness on the floor if the refrigerator is installed on the carpet, tatami mat, flooring or PVC sheet flooring which may be hollow or discolored.
- Place the refrigerator away from direct sunlight and heat. This will reduce adverse effects to refrigerating power and keep electricity cost down.
- Do not place it in damp areas, and ensure good air ventilation. This will prevent the refrigerator from rusting and dew condensation.
- The place should be separated from other equipment. To prevent disturbance (noise / scattered image) to TV and others attributable to the refrigerator.
- Provide a heat-releasing space (See the right diagram)
- ※ The actual size of the center part of the side of the refrigerator's main body is slightly larger than the nominal size. Therefore, please allow enough space around when installing the refrigerator.
- ※ If you care about discoloration of or dirt on the rear wall, provide a gap of **2 cm or more**. This also prevents vibration noise or dew condensation on the rear wall due to high humidity.



2

Adjust and fix the refrigerator horizontally.

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



3 Place cushions under the adjustable mounts. (Both shape A and B)

- 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.

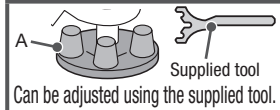
4 Turn the left and right adjustable mounts until they touch the floor. Adjust so that the left and right doors of the refrigerator compartment are parallel.

- As a guide, the height of the door can be adjusted 1mm every one turn of the adjustable mount.
- If the adjustable mount is shape A, use the supplied tool and align it with the shape of the adjustable mount.
- If the adjustable mount is shape B, use a Phillips screwdriver.

2 Check the shape of the adjustable mounts.

The shape of the adjustable mounts differs depending on the production time. Please check the shape of the adjustable mounts and adjust them accordingly.

If the adjustable mount is shape A



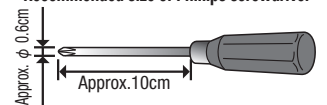
If the adjustable mount is shape B



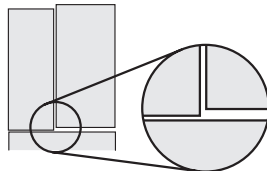
Use the supplied cushion [2 pc]



Recommended size of Phillips screwdriver

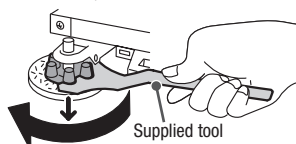


■ The left side door is lower



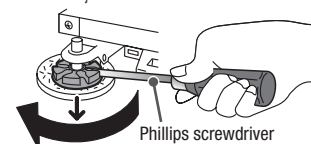
If the adjustable mount is shape A

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

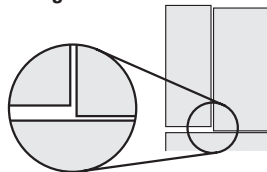


If the adjustable mount is shape B

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

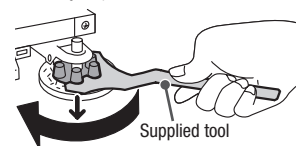


■ The right side door is lower



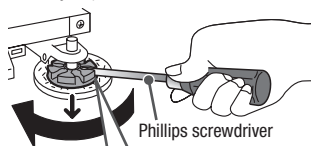
If the adjustable mount is shape A

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



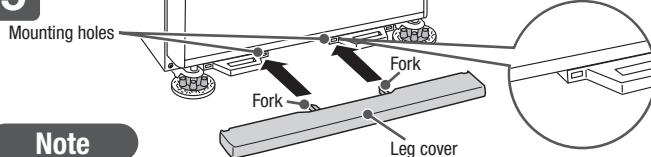
If the adjustable mount is shape B

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

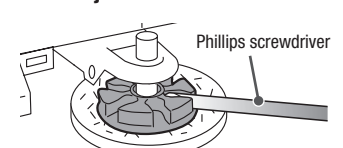


- Be careful not to scratch the floor with the Phillips screwdriver and the supplied tool when turning the adjustable mount.
- Excessively turning an adjustable mount may cause it to detach.

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



Insert the Phillips screwdriver securely into the groove of the adjustable mount and then turn it.



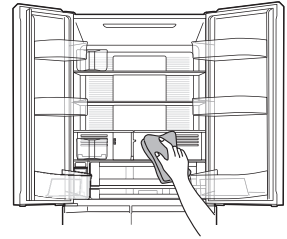
Note

- Packaging specifications may vary depends on production time, but this does not affect the quality.
- 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 paralleled by following the above described procedure.
- 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.35~37)

- Wipe it with a wet and soft cloth and then wipe it with a dry cloth.
- Wash the water supply tank, water filter and ice tray with water.
- ※ Do not wipe off the lubricant applied to the drawer rail or rail contact surface.
(The lubricant is compliant with the Food Sanitation Act)
- ※ Initially, the inside may smell like plastic. If you do not like it, ventilate the room so that the smell does not linger for long. (The smell will fade away gradually)



4

Plug the power cord.

It is not a problem to plug in the power cord soon after installing the refrigerator.

Use a wall outlet exclusively when connecting the power cord. (Alternating current 220 - 240V, rated 10A 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 starts. (After cooling the Refrigerator Compartment, the other storage compartments (the Ice Compartment, Freezer Compartment, Selectable Compartment) are cooled)

- **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 it until the inside of the refrigerator is cooled well.
- Perform **“Ice Maker Cleaning”** when using the automatic ice making function first. (→ Pg.37)
- A series of ice making operation will start automatically after the inside of the refrigerator is cooled well.
(When using for the first time, it may **take 24 hours and more to make ice.**)
- If the inside of the refrigerator has a low temperature, cooling may not start until the elapse of about 10 minutes after inserting the power plug.

5

Confirm the settings of the Upper / Lower Selectable Compartments.

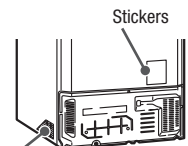
At purchased, Upper Selectable Compartment is set as “Freezer”, and Lower Selectable Compartment is set as “Fridge”. Switch to your preferred setting for use. (→ Pg.29)

Notice● **Pipes may require rust preventive measures.**

If your refrigerator is installed near a hot-spring or industrial area or a sewage pipe, the refrigerator pipe may corrode due to sulfidizing gas. Consult your dealer. If the pipe is blackened, any failure due to a gas hazard is not covered by our guarantee.

● **You will hear an operating sound after inserting the power plug. You may feel that the compressor or fan is noisy before the refrigerator is fully cooled.**

- Do not peel off the seal on the back or plastics at the lower part of the side.
- When a magnet or suction cup is attached on the side of the body or the surface of a door, it may leave a mark.
- When you attach a paper sheet on the door surface in a high ambient temperature, dew may form on the door surface, or the paper may absorb moisture.



Plastic parts - Left/Right

CAUTION ON USE OF THE WIRELESS LAN

Radio wave

Following acts may be punishable by law.

- Disassemble / remodel this product
- Erase the conforming indication of the rating nameplate and built-in radio equipment

If this product is used in the following places, communication may become unstable.

- A place where magnetic fields, static electricity, or radio waves are generated (around equipment such as microwave ovens)
- Around devices that use the same frequency (2.4 GHz) as this product (other wireless LAN, PC peripheral devices, etc.)
- A place covered with a metal product that is easy to reflect radio waves
- A place apart from the wireless LAN router or where there is an obstacle between them

Frequency band for use

The built-in radio equipment of this product uses the frequency of 2.4 GHz band.

In order to use all the functions of this product, it is necessary to connect the smartphone to the 2.4 GHz band wireless LAN.

Please be aware of the following items to prevent the radio-waves interference with other wireless devices.

In the use frequency band of this product, in addition to industrial, scientific and medical devices such as microwave ovens, premises radio stations (radio stations which require a license) and specified small power for mobile identification used in factory production lines etc. Radio stations (radio stations which do not required a license) and amateur radio stations (radio stations which require a license) are operated.

- ① Before using this unit, make sure that the premises identification station for mobile identification and specified low power radio stations and amateur radio stations are not being operated nearby.
- ② If a harmful radio interference case occurs from this product against the premises identification station for mobile identification, immediately change the use frequency or stop the emission of radio waves and then consult with the smartphone consultation desk regarding connection and network connection for taking measures to avoid interference (such as the installation of partitions, etc.) (→ Pg.52)
- ③ In addition, if any problems including harmful radio interference from this product against a specified low-power radio station or an amateur radio station for mobile identification occurs, contact to the consultation desk regarding the connection to a smartphone and network connection. (→ Pg.52)

At connection

Please note that Hitachi shall not assume any liability if a problem occurs without taking measures against the following matters.

- Wireless LAN may be intercepted because it uses radio waves to transmit and receive data.
- If security measures are not taken, there is a possibility of hacking.
- Use a wireless LAN router that can set WPA2 or WPA (both of them are TKIP or AES) as the encryption method.
- Do not connect to devices and networks for which security measures have not been taken at setting wireless connection.
- If an unexpected problem occurs, data stored inside the smartphone connected to this product or other external devices may be damaged or lost. Backup, in advance, measures are needed for the occurrence of such problem.
- At connecting to this product, Hitachi shall not assume any liability, in any case, for damage or loss of data stored in the smartphones and other external devices and breakdown of the connected devices.
- If communication is temporarily disconnected, the setting contents may not be sent or the usage status may not be updated. Especially during driving, use while checking the communication status.
- Communication sensitivity, communication distance, and communication time vary depending on the type of smartphone and wireless LAN router. Use this while checking the communication status.
- Hitachi shall not assume any liability for damage caused by communication by wireless LAN feature except for the damage caused by defects of the product.

Export control

Please check the relevant laws and regulations in your country and follow any necessary procedures when exporting this product.

Trademark

- “iPhone” is a trademark of Apple Inc. “App store” is a trademark of Apple Inc.
 - “Google Play™ store” and “Android” are trademarks or registered trademarks of Google LLC.
 - Wi-Fi™ is a trademark of Wi-Fi Alliance®.
 - Wi-Fi Protected Setup™, WPA™, WPA2™ are trademarks of Wi-Fi Alliance®.
 - Bluetooth® is a registered trademark of Bluetooth SIG, Inc.
- In addition, various names, company names, product names, etc., described in this manual are trademarks or registered trademarks of respective companies. And, “™” and “®” marks are not described in some parts of the text.

WHAT CAN BE DONE WITH THE SMARTPHONE

You can use the application from your smartphone to check the operation and status of the unit.

● **“Control panel” function to check the operating status of the refrigerator and can change its settings** (→ Pg.17)

- The operation status and New Messages of the refrigerator can be confirmed.
- Displays the times of door opening and closing of the refrigerator for the last 10 days.
- The temperature control of the refrigerator and selectable compartment and the setting of the automatic ice maker can be changed.

● **“My Lists” function that can manage ingredients** (→ Pg.17)

By taking photos with the smartphone's camera, it can be confirmed how many days have passed since the ingredients was put in the refrigerator.

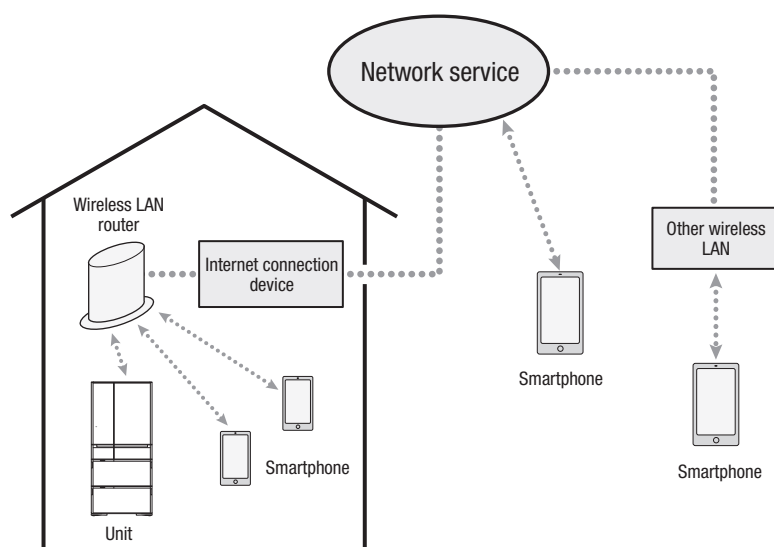
● **“Support” function** (→ Pg.17)

The instruction manual can be browsed from the smartphone if the operation is unknown or is in trouble.

● **“Notification” function to receive notifications both at home or while out of home** (→ Pg.18)

It notifies the smartphone if the door is left open, ice maker cleaning is completed and etc.

● **Updating the software of the unit** (→ Pg.19)



Caution

- In order to operate the unit and check the status by the smartphone, it is necessary to set the pairing setup the wireless LAN router. (→ Pg.12)
- If the unit and the wireless LAN router cannot communicate, it will be in the “Not connected” state and cannot be operated from your smartphone.
 - Be careful when moving the unit or wireless LAN router. Communication may not be possible.
 - If you simultaneously use a device such as a microwave oven with 2.4 GHz band, communication may be interrupted.
- One single unit can be operated by up to five smartphones. It is not possible to operate immediately after another person operates.

This product collects the operation and failure histories for the following purposes. It is not used for other purposes.

- It is used to improve services and to develop and upgrade new services.
- It is used for the correspondence improvement at the time of repair service or to contact a consultation desk.
- It is used for quality improvement.
- For details such as the handling of personal information, please refer to the terms of use of the application.
The terms of use can be confirmed when launching the application for the first time, or by the “Menu” button.
※ The application is “Hitachi Fridge” application.

CONNECT TO THE SMARTPHONE

Procedures before use

With pairing, the connection setting of the unit and smartphone is made, and they are mutually recognized to enable operation and status confirmation of the unit by smartphone through the wireless LAN network.


Once the pairing is set up, you do not have to set each time you use it. Make sure that the following environment is in place.

Necessary environment

● **There is an Internet connection environment**

- Internet connection requires a contract with an internet provider, and an internet connection.

● **A wireless LAN router is installed**

- Use a wireless LAN router that can set WPA2 or WPA (both of them are TKIP or AES) as the encryption method.
- The communication standards need to correspond to any of IEEE 802.11b / g / n (2.4 GHz only).
However, it does not guarantee the operation of all wireless LAN routers.
It cannot connect to the 5 GHz wireless LAN routers such as 5 GHz of IEEE 802.11.n or IEEE 802.11.ac.
- If it is impossible to connect the unit and smartphone to the wireless LAN router, refer to “Troubleshooting?”  Pg.45-46

● **There is a compatible model of smartphone**

- Use “Android” or iOS (iPhone) smartphone.
Please refer to the following site or the code on the right for compatible OS versions.
<https://www.homeappliances.hitachi.com/global/app/ref/series01/index.html>
- When using this service, communication costs will be incurred.
- In order to use all of the functions of this product, it is necessary to connect the smartphone to a 2.4 GHz band wireless LAN router.
- Tablet terminal is out of the operation guarantee.



Install the application

Install “Hitachi Fridge” application (hereinafter the “Application”)

For iPhone

Open the “App Store”

For Android

Open the “Google Play”

You can also download the application from the homepage.

URL <https://www.homeappliances.hitachi.com/global/app/ref/series01/index.html>



- It does not guarantee the operation on all smartphones.
Depending on the model, its operation may be unstable or may not work well.
- The application is free, but a communication cost is charged when downloading and using the application.
Communication costs will be borne by the customer who has contracted for the used smartphone.
Refer to the instruction manual of the smartphone for how to install the application.
- The contents of services, screen design, functions, etc. of the application may change without notice.
Also, the service provided may be terminated without notice.
- Please use it after agreeing to the terms of use and the privacy policy of application.

Pairing setup / add a unit

- The screen and operation of the smartphone differ depending on the model and OS.
- If the Wi-Fi settings on the smartphone has already been made, you may proceed to the next step without performing any operations.
- Set the wireless LAN function of the unit as "Yes". ("No" is set at the time of purchase (→ Pg.14))
- If the pairing setting has failed, refer to "Troubleshooting" and start over from the beginning. (→ Pg.45)

Preparation

Confirm the SSID and password of the wireless LAN router connected to the unit.

- Select a wireless LAN router that can be connected even where the unit is installed.
- Select a wireless LAN in the 2.4 GHz band. (pairing is not possible in the 5 GHz band)
- The wireless LAN router's SSID is the name shown at the Wi-Fi setting of the smartphone.
If the SSID and password of the wireless LAN router (some may be described as "Encryption Key" or "Security Key" etc. depending on the wireless LAN router) are unknown, refer to the instruction manual of the wireless LAN router.

1

Start up the application and confirm the terms of use

Operate the application

At launching the application for the first time, the terms of use will be shown, so confirm the contents.
If it is agreeable, continue setting.



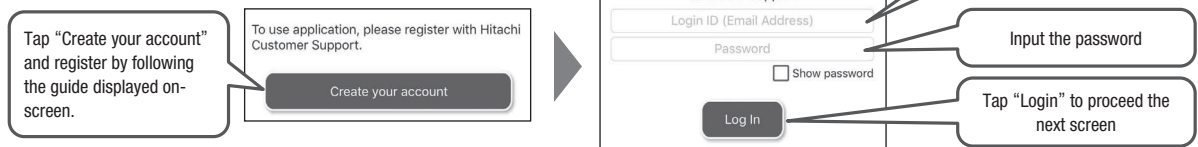
2

Login

Operate the application

Input the login ID and password to login.
Login after you have completed your member registration if your member registration is incomplete.
※ Login is required to use the applications.

※ If your member registration is incomplete



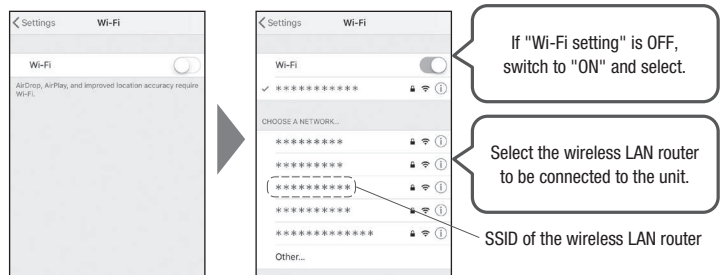
3

Select the wireless router to be connected to the unit

Operate the settings of the smartphone

Move from the application screen to the smartphone's Wi-Fi setting screen, turn on the Wi-Fi setting, and select the wireless LAN router desirable to be connected to the unit.

- The wireless LAN router password is necessary to connect. If it is unknown, refer to the instruction manual of the wireless LAN router.
- The operation and setting screen of the smartphone differ depending on the model and OS.



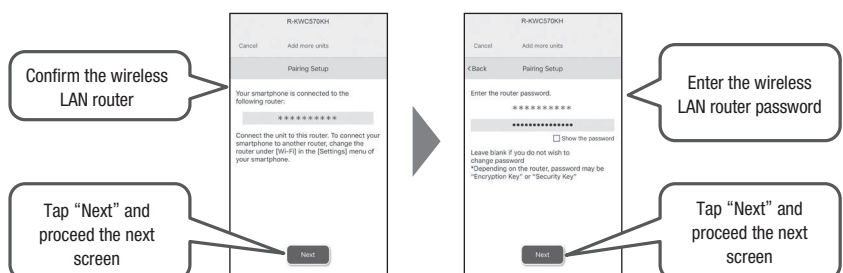
4

Enter the wireless LAN router password in the application

Operate the application

Move back to the application, and with following the instructions on the screen, confirm that the wireless LAN router selected in 3 is displayed and enter the password for the wireless LAN router.

- It is impossible to connect if the wrong password is entered.



CONNECT TO THE SMARTPHONE (CONTINUED)

5

Set the wireless LAN function as "Yes"

Operate the unit

- 1 Touch **MENU** button on the Control Panel to turn on the indicator lamp.
All indicator lamps turn on, and then the current settings are displayed.
- 2 Touch and hold **Vacuum** for at least 3 seconds until the setting sound (beep) sounds to light **WLAN**.

Notice


● The light of indications shall turn off in about 40 seconds for energy savings, but the setting will continue until its cancellation.

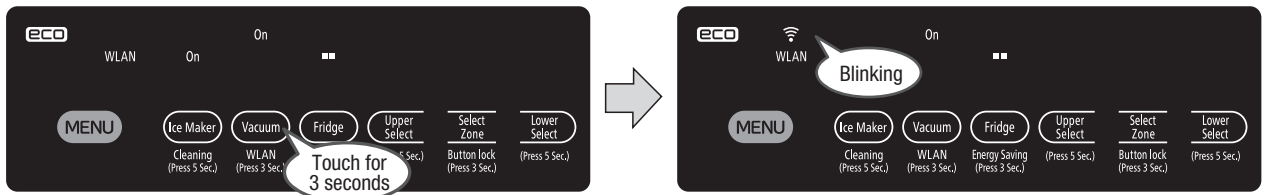


6

Set the unit pairing mode

Operate the unit

- 1 Open the door of the ice compartment.
- 2 Touch **MENU** button on the Control Panel to turn on the indicator lamp.
All indicator lamps turn on, and then the current settings are displayed.
- 3 Touch and hold **Vacuum** for at least 3 seconds until the beep sounds to blink .



7

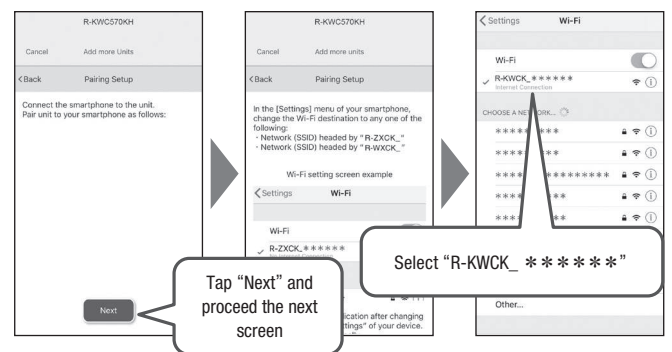
Select "R-KWCK_*****" (* is alphabet or number) in the Wi-Fi setting.

Operate the settings of the smartphone

When the screen on the right is displayed on the dedicated application, move to the Wi-Fi setting screen of the smartphone and select "R-KWCK_*****".

- The message "Network not connected" may be displayed, but proceed as it is.
- It may take a while for "R-KWCK_*****" to be displayed.

If it does not appear, redisplay the Wi-Fi setting on the smartphone or turn off the Wi-Fi setting and then turn it on again.

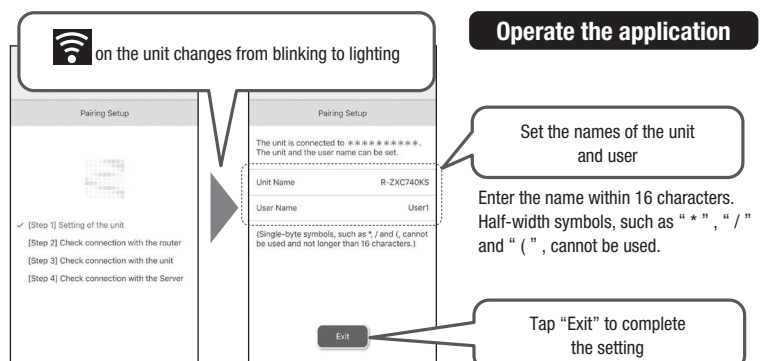


8

Set the names of the unit and user in the application and complete the pairing setup.

Operate the application

Move back to the application and wait for a while until pairing setting is finished. When finished, set the names of the unit and user, and complete the setting.



If the pairing setup fails

- Make sure that the wireless LAN password, which was entered in **4**, is correct
- Make sure that the smartphone and its OS is targeted model
- Make sure that the wireless LAN router's communication standard corresponds to IEEE.802.11b/g/n (2.4 GHz only).
It does not correspond 5 GHz.
- **3** Check whether the smartphone is connected to the 5 GHz SSID or wireless LAN router.
- Set the unit, smartphone, and wireless LAN router close to each other.
- Only one pairing can be set at one time. Set them one by one.
- 5 smartphones can be registered per 1 unit. 6 or more smartphones cannot be registered.
- The following devices may be affected by radio waves, and this product may not be able to communicate with the smartphone temporarily.
 - Microwave oven during heating
 - Other wireless LAN devices
 - Bluetooth device etc.

HOW TO USE OTHER WIRELESS LAN FEATURES

Set wireless LAN feature to "None"

1 Touch **MENU** button on the Control Panel to turn on the indicator lamp. **Operate the unit**

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

2 Touch and hold **Vacuum** for at least 3 seconds until the setting sound (2 beeps) sounds to turn off **WLAN**.

- If the wireless LAN feature is set at "No", functions that can be operated with a smartphone cannot be used. → Pg.17
- The registered information of the paired smartphone is not deleted.
- When using the wireless LAN function again, it is not necessary to rep-do the pairing settings.

Delete all registration information (initialization)

- Delete all information registered by the wireless LAN function (initialization). Please carry out when discarding or transferring the unit.

1 Touch **MENU** button on the Control Panel to turn on the indicator lamp. **Operate the unit**

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

2 Touch and hold **Vacuum** for at least 3 seconds until the setting sound (beep) sounds to light **WLAN**.

※ If **WLAN** is already lit, proceed to **3**.

Notice ● The display will turn off in about 40 seconds for energy savings, but the setting will continue until released.

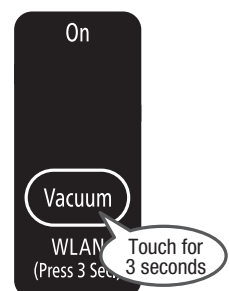
3 Open the Upper Selectable Compartment.

4 Touch **MENU** button on the Control Panel to turn on the indicator lamp.

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

5 Touch and hold **Vacuum** for at least 3 seconds until the setting sound (beep) sounds.

6 Close the Upper Selectable Compartment.



HOW TO USE THE APPLICATION

By installing the application on the smartphone and pairing it with the unit, it becomes possible to control the unit remotely and confirm its status. Use after the pairing setup. → Pg.13

The screen and functions of the application may change without notice by the version upgrade.
The display of the application switches by receiving the status of the unit.
It may take some time to receive after operation.

How to see top screen

“MENU” button

It is possible to change or confirm the setting. → Pg.18

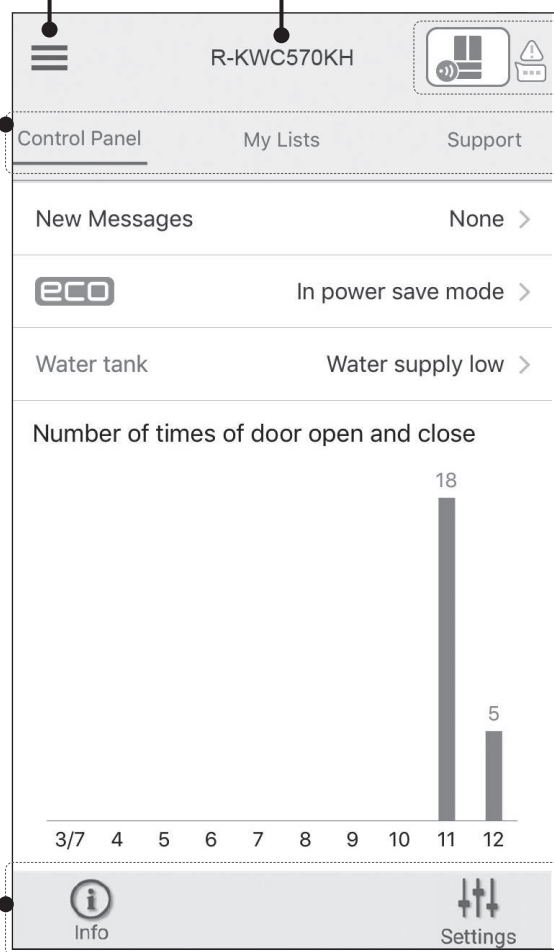
“Tab” button

Three major functions (Control Panel, My Lists, and Support can be switched and selected.)
Press the selected “Tab” button to reload it to the latest status.

“Info”, “Setup” button

It can be selected when “Control Panel” is selected by the “Tab” button of the application.

→ Pg.17



Unit Name → Pg.18

The name of the connected unit is displayed.
It can be changed by “MENU” button.

Unit status

Present unit status is displayed.
If it is tapped during the new message indicator, detailed contents of the new message indicator are indicated.

Operation status



The unit is under operation



The unit is not connected.

New message indicator



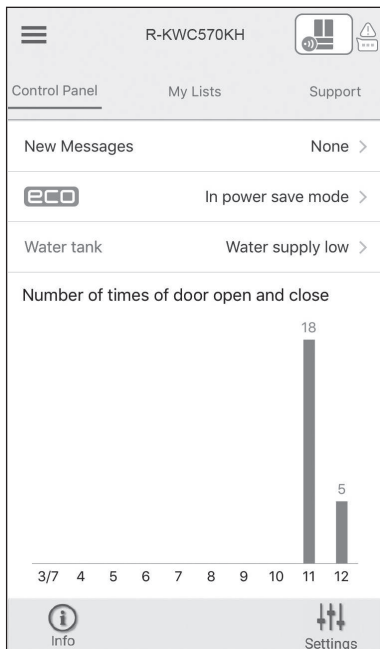
There is a “New Message” .



There is no “New Message” .

How to see the Control Panel (info) screen

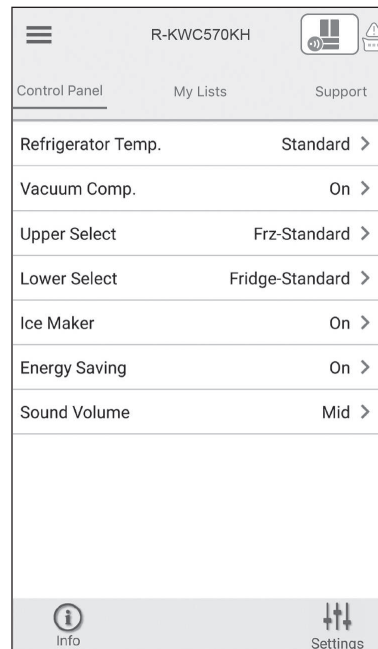
Select "Control Panel" from the "Tab" button of the application, and tap the "Info" button at the lower left to display. (→ Pg.16)
 The operation status and new message display of the refrigerator can be confirmed. In addition, number of times the refrigerator door opens and closes for the last 10 days is also indicated. ※



※ Number for the door opening / closing is the total number of opening / closing of the doors of each compartments including the refrigerator, ice maker, upper selectable, and lower selectable. (Excluding the freezer)

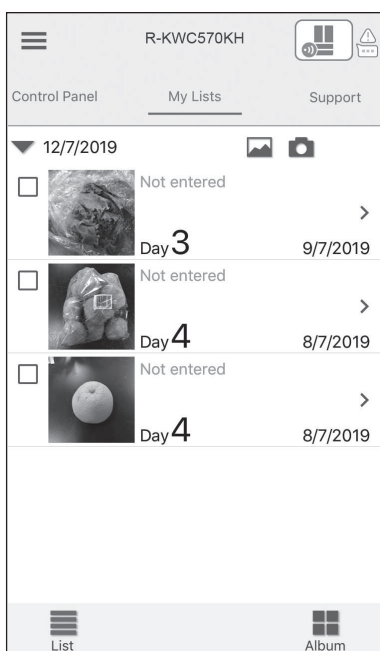
How to see the Control Panel (Setup) screen

Select "Control Panel" from the "Tab" button of the application, and tap the "Setup" button at the lower left to display. (→ Pg.16)
 With using the paired smartphone, the temperature control of the refrigerator / selectable compartments and the setting of the automatic ice maker can be changed.



How to see the My Lists screen

Select "My Lists" from "Tab" button of the application to display. (→ Pg.16)
 By taking photos with the smartphone's camera, it can be checked how many days have passed since the ingredients put in the refrigerator.



How to see the support function screen

Select "Support" from "Tab" button of the application to display. (→ Pg.16)
 The instruction manual can be viewed on the smartphone.



HOW TO USE THE APPLICATION (CONTINUED)

How to use the menu

Tap “☰” button in the application to display the menu.

It is possible to register and change the registration information, make notification settings, and make settings for convenient usage.

Operate according to the indication on the smartphone screen.

■ Connection Setup

“Select Unit”, “Add Unit”, “Delete Unit”, “Name Setup”, and “Network setup” can be conducted.

● Select Unit

At pairing with multiple units, the unit operated from the smartphone can be switched.

If the unit is paired with multiple phones, it will be displayed first when the application is started.

● Add Unit

By pairing with a new unit, a unit to be operated can be added.

In order to change the wireless LAN router (network), change from “Network Setup”.

Up to 5 units can be paired with 1 smartphone.

● Delete Unit

- The information of the unit registered in the smartphone can be deleted.

It shall be conducted before changing etc. the smartphone.

When the unit is connected to a wireless LAN router (📶 lights):

Information on the smartphones registered in the unit is also deleted.

When the unit is not connected to a wireless LAN router (when 📶 lights out):

The information on the smartphone registered in the unit is not deleted. Connect the unit to the wireless LAN router, and conduct “Delete registered user” on the paired smartphone.

- When the unit is transferred to another person, conduct “Delete all registered information”. [→ Pg.15](#)
- After deleting the registration information in the unit, when the wireless LAN feature is used again, it is necessary to redo the pairing setup.

[→ Pg.13](#)

● Name Setup

- Change the names of the unit or user

Change the names of the unit and user, registered at pairing.

- Confirm and delete registered users

The users paired with the selected unit can be confirmed and the pairing setup between the users and the unit can be deleted.

Up to 5 users can be paired with 1 unit.

● Network Setup

The wireless LAN router to be connected to the unit can be changed. Such change shall be conducted at changing the wireless LAN router to be connected or the using place.

If paired with multiple smartphones, the wireless LAN router connected by devices other than the smartphone for which the setting has been changed is not changed.

Change the wireless LAN settings for each smartphone as needed.

■ Notifications

The operation status of the unit and the content of the notification to be notified by push notification can be set.

■ History List

The date and the time of occurrence of the new message indication, and the contents of such message, which occurred on the unit, can be confirmed.

The history cannot be saved correctly when the unit is not connected to the wireless LAN router.

■ Contacts

Display the product information and its handling, smartphone connection, and inquiry on refrigerator repair.

■ Version

Display the software version of the unit or the application.

The unit's software can be updated. If there is software to be updated, it will be notified to the smartphone.

■ Terms of Use/Error Code/Copyright

The terms of use for the application, new message about this product, and copyright info about this product and the application are displayed.

■ Language

Select language.


■ Customer Support

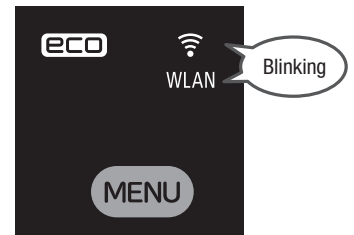
Conduct logout and correction of member information.

On the updating the unit's software

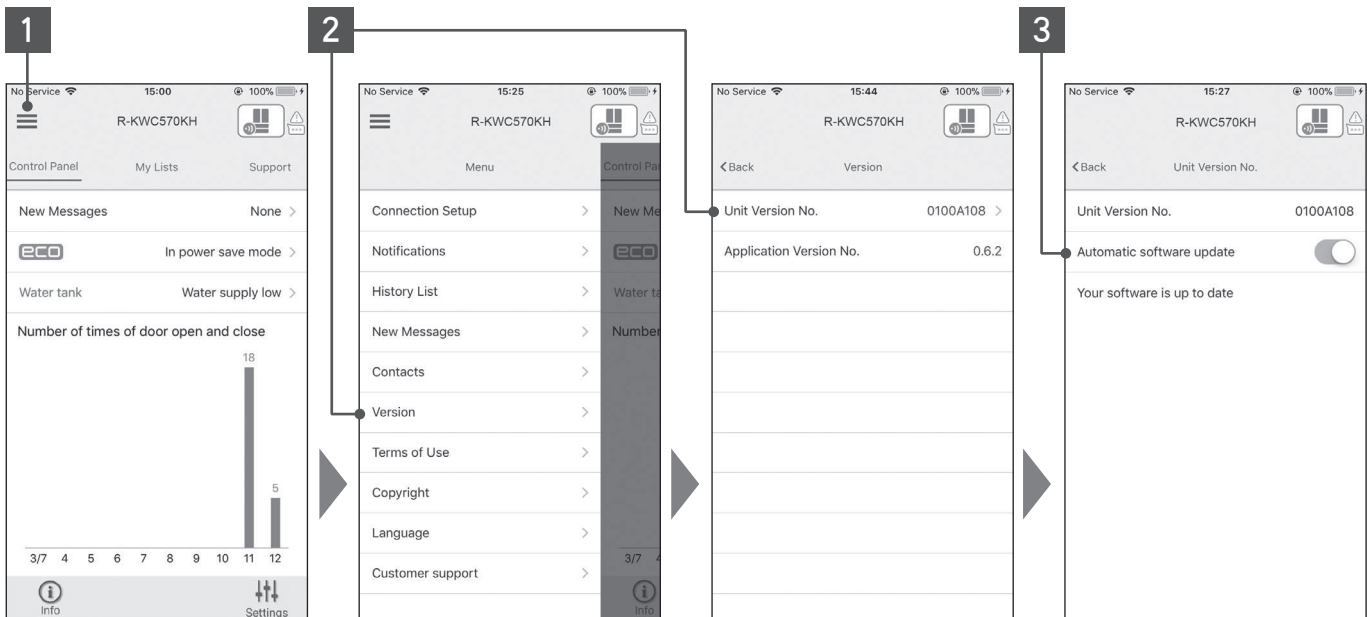
If there is software to update, the wireless LAN feature can be used to update the unit software.

Caution at updating

- In order to update the unit software, it is necessary to set the pairing via a wireless LAN router. (→ Pg.13)
- Software cannot be updated when the power is off.
- If the unit software and the application are updated, depending on the contents of the update, the actual status may be different from the contents described in this document.
- While updating the unit software, it cannot be operated.
While updating, “WLAN” and  blink.
The update starts automatically according to the operating status of the refrigerator.
- It takes about 5 to 10 minutes to update the unit software.
- Do not turn off the power while updating the unit software.
It may cause failures such as inability to supply power, inability to operate, and inability to operate from a smartphone.
- If the power is turned off while updating due to a power failure, and etc., the unit will automatically switch to recommence updating after power failure recovery.
Do not turn off the power until the update is complete.



Set the updating of the unit software



- 1 Tap “MENU”** Operate the application
- 2 Tap “Version” and select “Unit Version No.”** Operate the application
- 3 Set “Automatic software update” as ON** Operate the application
 The update starts automatically according to the operating status of the refrigerator.

LEARN NAME & FUNCTION OF EACH PART

Name of each compartment, temperature guide, and examples of stored food

Refrigerator compartment → Pg.22 ※ Setting “■■■■”

Shelf: About 0°C ~ 3°C Pocket: About 0°C ~ 7°C

Daily foods

Vacuum compartment → Pg.24

About -2°C ~ 0°C

Ice compartment

→ Pg.26

About -19°C ~ -17°C

Ice made by Automatic Ice Maker

Freezer compartment

→ Pg.28

About -19°C ~ -17°C

Upper and Lower Selectable Compartment (Selectable Zone Compartments) → Pg.29

Setting “Fridge”		Setting “Freezer” .
Setting “■■■■” “■■■” About 1°C ~ 6°C	Setting “■” About 4°C ~ 8°C	※ Setting “■■■” .
Cooked dishes Stock of prepared foods Drinks and seasonings	Vegetables / fruits <small>If “■■■■” or “■■■” is set, it takes a long time to cool the inside of the compartment, which may cause low-temperature related damage to vegetables or fruits.</small>	About -20°C ~ -18°C
		Frozen foods and ice cream Stocks such as meat, seafood, rice

The above temperatures are standard values under the condition that the refrigerator is stable with no food stored and the door closed, at ambient temperatures of approximately 32°C. The temperature may vary depending on food storage conditions, door opening and closing, etc.

- Tip for storage**
- Store foods in a loosely arranged way.
 - It is recommended to wrap smelling foods.
 - There is a rough guide on the weight of foods that can be stored in the refrigerator. → Pg.51

SELECTABLE COMPARTMENT (Selectable Zone Compartments) Default Settings

At purchased, Upper Selectable Compartment is set as “Freezer”, and Lower Selectable Compartment is set as “Fridge”. Switch to your preferred setting for use. → Pg.29



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 light it up.

The Operation Section is a touch panel. Touch it to toggle the setting.

Providing information

	It will turn on while it is working in "eco" mode. → Pg.32 ["eco" Operation indicator]
	It will turn on while the Control Panel is locked. → Pg.33
Save	Will light up when "Energy Saving" mode is set. → Pg.34
	It will turn on while connecting to the wireless LAN with pairing setup. Wireless LAN function lights up when "available" . → Pg.14
WLAN	While it is blinking, communication is in preparation and the wireless LAN function is not available. Please wait for a while until it lights up.
Water	It will turn on when water in the water supply container is getting low. → Pg.27 [Water Supply indicator]
Switching	Lights up while switching the setting of Selectable Compartment. → Pg.29 [Water Supply indicator]

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

First touch it.

Setting an ice-making

"Quick" [→ Pg.27](#)

"On" [→ Pg.26](#)

"Off" [→ Pg.27](#)

Setting the Vacuum Compartment

"On" [→ Pg.25](#)

"Off" [→ Pg.25](#)
(Non-vacuum)

Adjusting temperature settings Refrigerator Compartment

[→ Pg.22](#)

Setting the Upper and Lower Selectable Compartment

Switching the setting [→ Pg.29](#)

Adjusting the temperature [→ Pg.30](#)

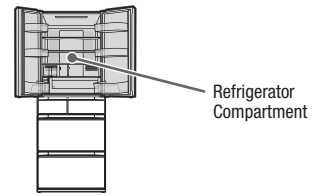
Display area

For operation

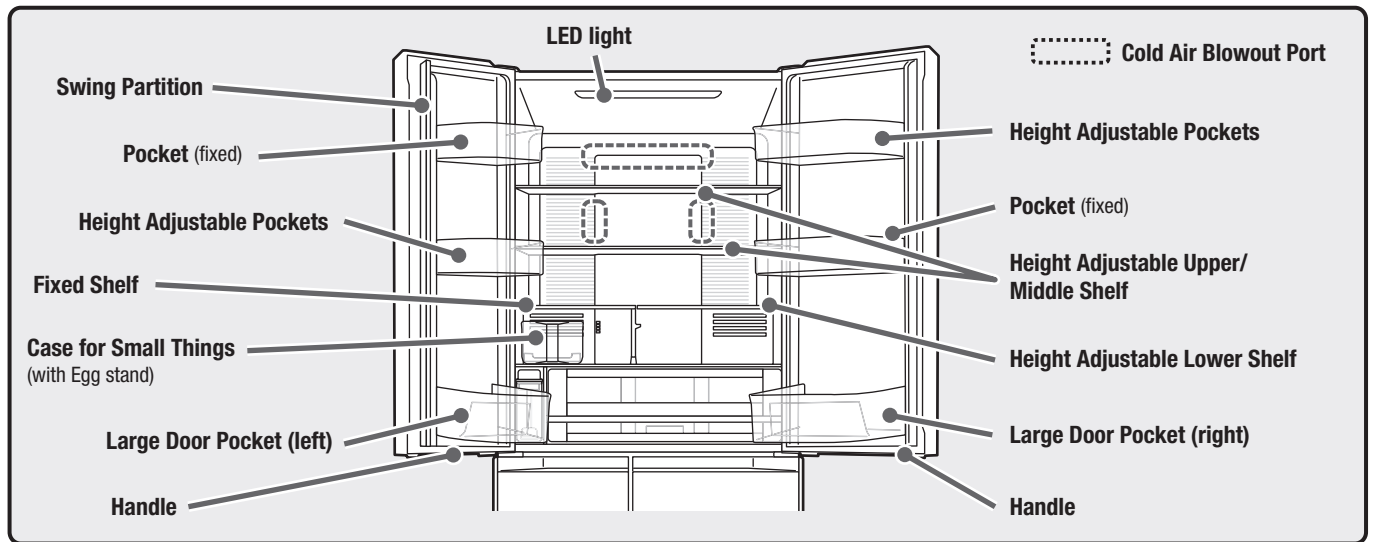
Notice

- Touch **MENU** to light up the Control Panel and display the current settings. The current settings are also displayed when a door of the Refrigerator Compartment is opened.
- Touch **MENU** again at the end of operation to turn off the light of the Display and Operation Sections.
Even if you do not touch **MENU**, the display and Operation Sections go out after approx. 40 seconds for energy savings, except for the indicators of the "Energy Saving" mode, "Quick", "Off (Stop Ice Making)", "Water", "Off (Non-vacuum)", and ["eco" Operation].
- The Display and Operation Sections are lighted up when a door of the Refrigerator Compartment is opened. They go out approx. 15 seconds after the door is closed.
- Response of the touch panel may change depending on the surrounding temperature, humidity, physical condition of the user or operation status of the adjoining electric product.
- Release a finger and touch the panel again if the panel does not respond after touching it. False detection may occur (it may be kept pressed) if the time interval between key touches is too short. Response of the touch panel does not improve even if you touch it strongly.
- The panel may not respond if it is wet or dirty. After removing dirt with a wet cloth, wipe off the water with a dry cloth.
- While a door of the Refrigerator Compartment is left open or the Display Section is blinking, the Operation Section remains inactive even if you touch a button. The display is blinking. Please see [→ Pg.41](#).

REFRIGERATOR COMPARTMENT



Parts



Request

- Food containing a lot of water or canned beverage placed in front of the cold air blowout port may be frozen or burst. Avoid doing so. In particular, they are likely to be frozen if “■■■■” is enabled. A lid or plastic wrap can prevent freezing.
- When storing dried foods such as rice and seaweed, put them in sealed containers (bags) and then store them. Dry foods may absorb moisture.

Use the “Moisture Cooling”

※ The refrigerator compartment is set as “Moisture Cooling” as a default.

- **The temperature of the refrigerator compartment is even lower (about 0 - 3 °C at setting)**

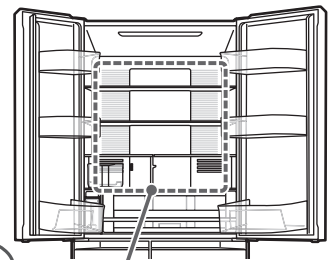
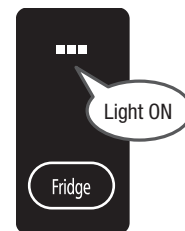
It is recommended for storing the pre-made dishes.

Even if a pot or similar that is hot is put in, it can be cooled without effecting other foods.

When storing hot foods, first cool them to a temperature that can be touched by hand (50 °C or less). This prevents burns and shelf deformation.

Notice

- The “Moisture Cooling” setting consumes more power than “■■■” . Also, the driving noise may increase.
- At setting of “Moisture Cooling” , the temperature of the pockets is also lower than “■■■” .



Area for “Moisture Cooling”

When changing the settings

If it feels too cold, use the “■■■” or “■■” settings.

1

Touch **MENU** button on the Control Panel to turn on the indicator lamp.

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

2

Touch **Fridge** button to set the temperature as you like.



Guide for Refrigerator Compartment temperatures:

“■■■” sets a temperature higher than that for “■■■■” by about 1 to 3 °C.

“■■” sets a temperature higher than that for “■■■” by about 1 to 3 °C.

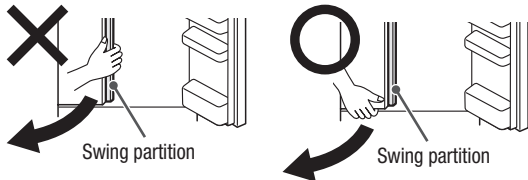
Opening and closing the refrigerator doors

Request Do not apply excessive force to the refrigerator doors, for example, by forcing open the refrigerator doors or leaning against the doors while they are open. Applying excessive force to the doors might cause them to break.

Hold the door handle when opening and closing the refrigerator doors.

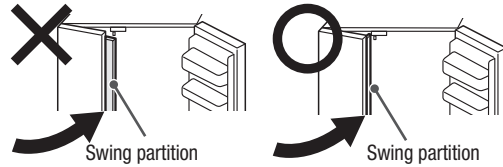
Opening the door

Do not pull on the swing partition to open the refrigerator door. (If you pull on the partition, you will not be able to open the door completely.)



Closing the door

Do not close the refrigerator door while the swing partition is raised. (If you close the door while the partition is raised, you will not be able to close the door completely.)



Adjust the height of a pocket/shelf

You can adjust the position of the pocket and the shelf depending on size of foods or beverages. For how to remove/attach, see [Pg.38](#).



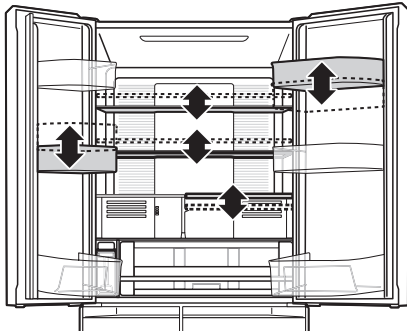
CAUTION

Handling the glass shelves

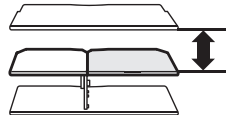
- Avoid a high impact on the glass shelf. (A broken glass may cause injury)
- Be careful to attach the glass shelves because they are heavy.

Height adjustable upper shelves / Height adjustable middle shelves / Height adjustable lower shelves / Height adjustable pockets

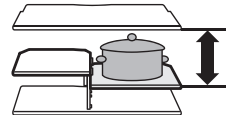
You can adjust the position of them depending on the height of foods or beverage.



● State at the time of purchase

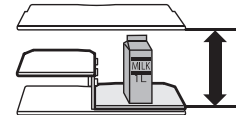


● Storage of pans, etc.



Mount the shelf board at the middle level.

● Storage of milk carton, etc.



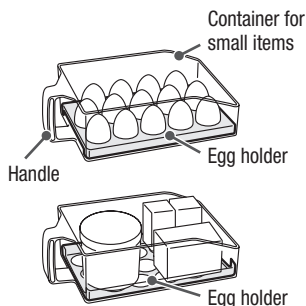
Mount the shelf board at the lower level.

Container for small items

Place in this container eggs and other small items to be stored in the refrigerator.

The egg holder holds 14 eggs. You can even store eggs without removing them from their carton.

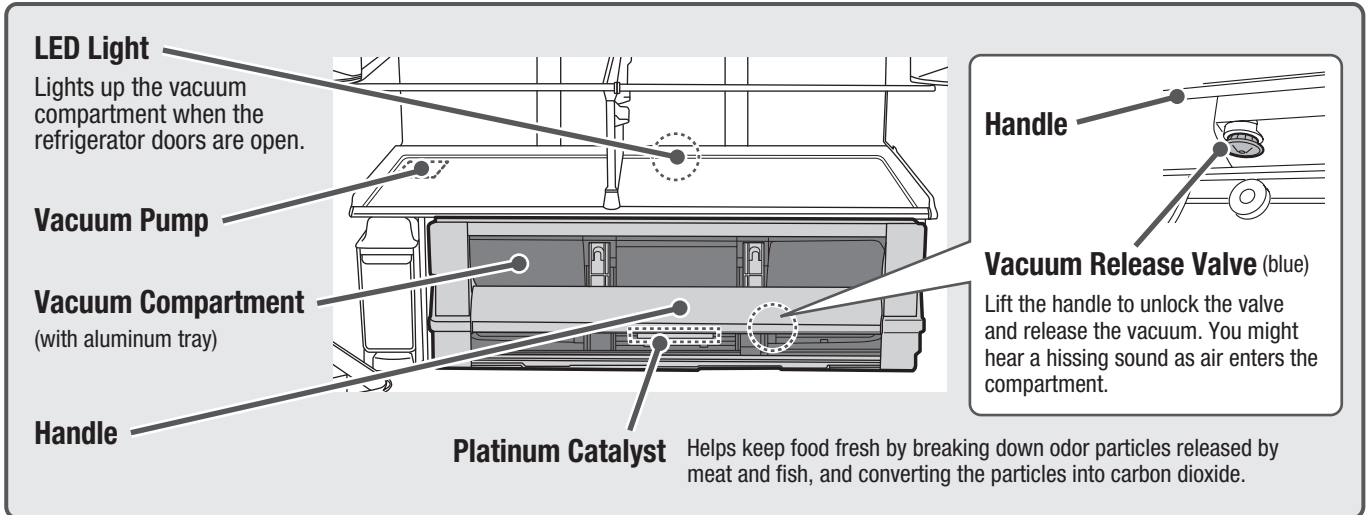
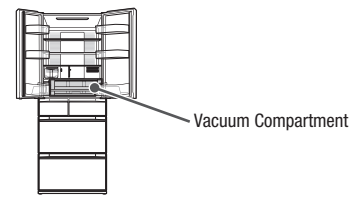
Flip over the egg holder to use the container to store other small items.



Request

- When handling this container, make sure you have a firm grip on the handle.
- Do not place items on top of each other in this container. If items are placed on top of each other, they might fall out.
- Do not place in this container items that are taller than the container itself (the height of the container closest to the handle).
- Do not use this container to make ice. If used to make ice, this container might break.
- Be sure to keep this container away from the cold air vent. If this container is placed near the cold air vent, items in the container might freeze or rupture.
- When placing this container on a shelf, make sure the entire container is securely on the shelf.

VACUUM COMPARTMENT



Stored foods

At the time of purchase, the refrigerator is set to the "On" .

On (About -2°C ~ 0°C)	<ul style="list-style-type: none"> ● Meat, processed meat ● Fish, seafood, boiled fish paste ● Thawing meat or fish <p>• Foods containing a lot of water may be frozen.</p>
Off (About -2°C ~ 0°C)	<p>The vacuum function is disabled. This setting is recommended to store food in "sealed bags" or "sealed plastic containers" , which requires caution in storing. Foods with a high water content may freeze because this is an ice-temperature compartment.</p>

Notice

- The vacuum effect will not be changed even if foods are wrapped. If you are concerned about the transfer of smell, be sure to wrap a food item in question.

Caution

- Foods high in water content may freeze if ambient temperature is low.
- The temperatures of the Vacuum Compartments also change if the temperature of Refrigerator Compartment is set to "■■■■" or "■".
- **Do not put too much food or too many containers in the Vacuum Compartment.** Doing so may make it difficult to pull out the Vacuum Case.

■ Foods not suitable for the Vacuum Compartment

Freezing is not preferable for the following foods, store in Refrigerator Compartment.

● Dairy products



Cheese etc.

● Precut vegetables and fruits



Cut vegetables / cut fruits

● Food which form air bubbles inside if frozen



Tofu, konnyaku, deep-fried tofu, shirataki, boiled egg, etc.

Change the settings of the Vacuum Compartment

1 Touch **MENU** button on the Control Panel to turn on the indicator lamp.

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

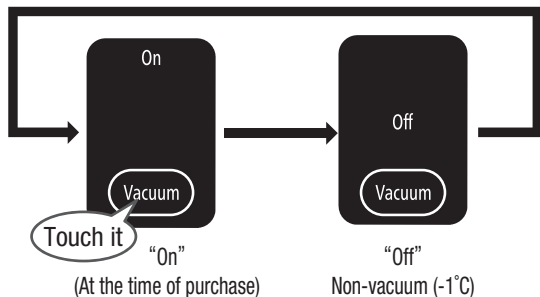
2 Touch **Vacuum** button to change the settings as you like.

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

The temperature is set to "On" at the time of purchase.

Caution

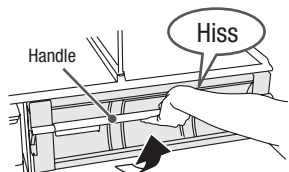
- The "Off" indicator lamp continues to be lit during the "Off" operation. The display will be turned off after about 40 seconds for energy saving, but the function that is set once will remain effective.



When opening/closing the door of the Vacuum Case

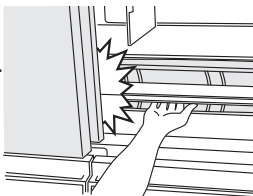
When opening the door

1 Pull up the handle to unlock.

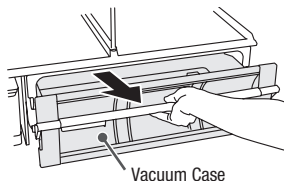


- ※ It takes about three to four minutes for the Vacuum Case to be vacuumed after the vacuum pump starts to operate. The hissing sound may not be heard when the Vacuum Case is opened within four minutes.

- ※ If you pull out the Vacuum Case without opening the door on the left/right, it may cause damage to parts.



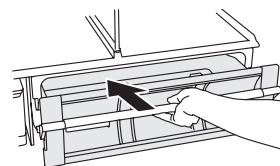
2 Pull out the Vacuum Case.



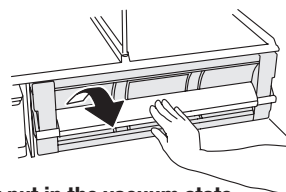
- ※ The hissing sound indicates that vacuum is being released. Thus, the Vacuum Case cannot be drawn out while the sound is heard. Draw it out after the sound is no longer heard.

When closing the door

1 Push the Vacuum Case back to the end.

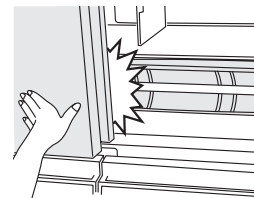


2 Press down the handle to lock.



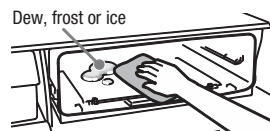
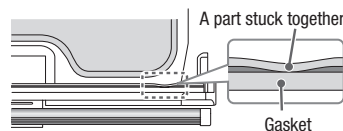
Caution

- The Vacuum Case is not put in the vacuum state unless the handle is pushed down securely.
- Closing the door of the Refrigerator Compartment without locking the handle may damage parts or food or form a clearance between the doors, which reduces cooling performance.

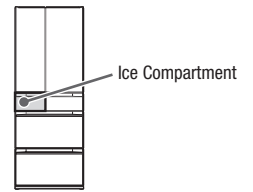


Request

- If a part of the gasket is stuck together, the vacuum state cannot be maintained. If it is stuck together, please remove it. Since it is difficult to see the left and right sides and the bottom, remove the Vacuum Chilled Case and check it. (→ Pg.42)
- Since the vacuum compartment is hermetically sealed, water drop, frost and ice may form in the compartment due to moisture contained in food and air. Wipe off by a soft cloth with warm water (Even if water drop, frost, or ice forms there, the performance of the compartment will not be affected).
- If you want to avoid dew, frost or ice, stored food should be wrapped with plastic wrap.
- Wipe water or soup spilled in the compartment soon, if any.
- The platinum catalyst needs no replacement. Do not remove it.



ICE COMPARTMENT (AUTOMATIC ICE MAKER)



Water Supply Container
(Approx. 1.0 L)

Container-full line

Control Panel

Display
"Water Supply" indicator lamp
Ice Making button
Cleaning (Press 5 Sec.)

Ice Container

Container-full line
Ice scoop
Ice Storage Space
(Keep the ice scoop here when you are not using it.)

Ice Compartment

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.37

- 1** Touch **MENU** button on the Control Panel to turn on the indicator lamp.

All indicator lamps turn on, and then the current settings are displayed.
- 2** Touch **Ice Maker** button to turn on "On" indicator lamp.

The "On" mode is set to "On" (light on) at the time of purchase.
- 3** Pull the water supply tank out horizontally.

※ The water supply tank may feel heavy when you lift and pull it toward you.
- 4** Open the lid and add water.

※ Do not pour water into it beyond the full water line.
- 5** Replace the Water Supply Container.

Push it straight beyond the "Container set position" line completely.

Ice cubes are not produced unless the water supply tank is pushed into the rearmost position.

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

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.36)
- If the ice made of mineral water containing a lot of mineral ingredients is put into water, white powder may come out, however this is due to those mineral ingredients and harmless.
- Furthermore, these types of water are easily contaminated with bacteria. Please wash the container usually once 3 days.

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

Filtered water or
boiled water

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

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

Juice drink

Sports drink

Carbonated drink

Tea

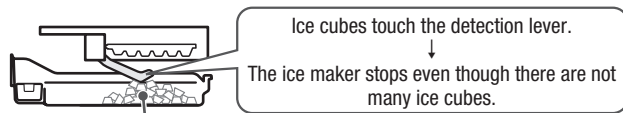
Stored ice amount and ice-making time

Model		R-KWC570K type
Stored ice amount	Ice is leveled	About 150 pcs
Time for one-time ice making (12 cubes)	Normal "On"	About 110 minutes ~ 140 minutes
	"Quick"	About 80 minutes

※ The above values are obtained with an ambient temperature of 30°C, the temperature in each compartment set to "■■■" and no door opened/closed.

Notice

● If ice cubes accumulate in one area of the ice container, the ice maker might stop even if there are not many ice cubes.



The ice cubes accumulate in one area of the container.

● If you level the ice cubes, you can prevent the ice maker from stopping prematurely and thus create more ice.



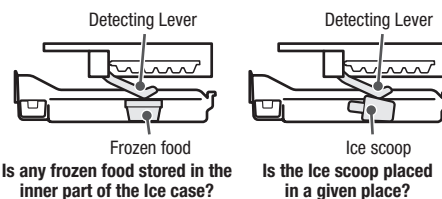
The ice cubes are level.

● In the following situations, it might take some time to make ice.

- It is used for the first time (it may take 24 hours or more).
- Large volume of foods is stored in the refrigerator at a time.
- It is set to the "Energy Saving" mode.
- The door is opened/closed frequently.
- When the door of the Freezer Compartment/ Ice Compartment is not closed completely.
- In case of power outage.
- With the low ambient temperature in winter, etc.

Request

- It is set to the "On" or "Quick" mode, do not put frozen food other than the ice cubes made by the Automatic Ice Maker in Ice Storage Space. (Doing so may prevent ice-making, damage parts or bring a part of the ice maker into contact with food, which may prevent the opening of the door.)
- Open and close the door of ice maker slowly. If it opens and closes vigorously, ice may spill from the ice case. Remove any spilled ice. If leave such ice, the door will not close securely and may cause cooling bad. Since the ice maker and freezer compartment are adjacent to each other, check also the freezer compartment, if ice is spilled from the ice case.



Quick Ice Making

1 Touch **MENU** button on the Control Panel to turn on the indicator lamp.

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

2 Touch **Ice Maker** button to turn on "Quick" indicator lamp.

Ice cubes are made in a shorter time than that of "On" operation. 12 ice cubes are made by one ice-making operation.

"Quick" operation ends automatically in about 7 hours, and it is changed to "On" mode.

Notice

- "Quick" indicator continues to be lit during the "Quick" operation. The [eco] operation indicator lamp is not turned on.

Stop Ice Making

1 Touch **MENU** button on the Control Panel to turn on the indicator lamp.

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

2 Touch **Ice Maker** button to turn on "Off" indicator lamp.

※ If you set to "Off" for 1 week or more, maintain the Automatic Ice Maker.

→ Pg.36, 37

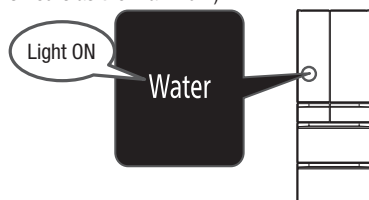
Notice

- "Off" indicator continues to be lit during the "Off" operation.

Water Supply indicator

Water indicator lamp comes on when water in the water supply container is getting low. Replenish the container with water.

When you open/close the door at left door of the Refrigerator Compartment, the lamp **Water** will be turned off. If no water supplies, it will be turned on again. (after 3 hours as the maximum)



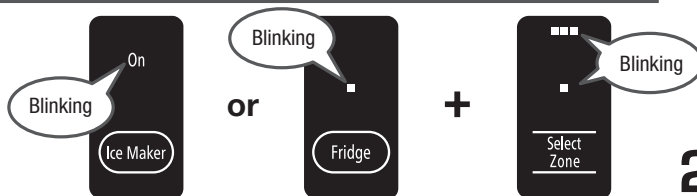
Notice

- **Water** indicator lamp remains off when "Off" is selected for automatic ice making.
- **Water** may come on regardless of water level if the water supply container is not placed properly. Push in the container straight and completely if the indicator lamp comes on.
- Even in the "On" mode, the **Water** indicator lamp may not be lit if the tank is full.

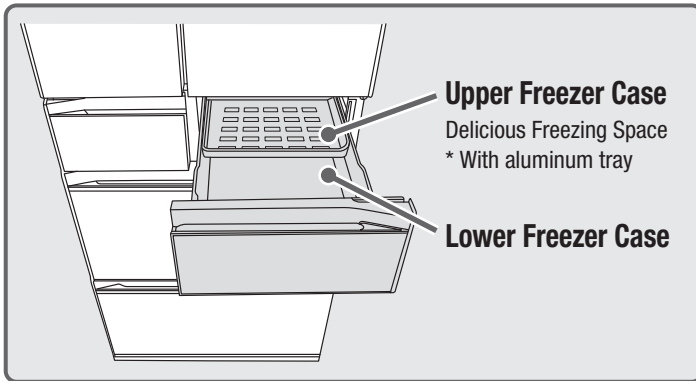
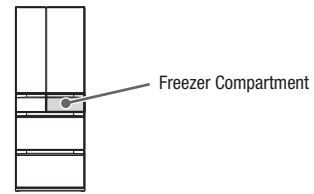
When the "On" **Ice Maker** indicator blinks, or the "■■■■" and "■" **Select Zone** indicators and the "■" **Fridge** indicator blink

If the ice maker's "On" indicator blinks, the ice tray might have come into contact with food inside the ice container.

Empty the Ice Case once, and then start the "Ice Maker Cleaning". → Pg.37



FREEZER COMPARTMENT



Stored foods

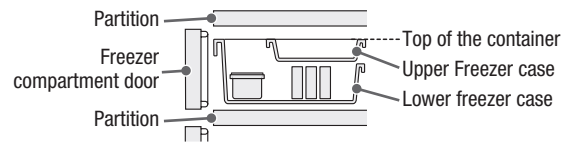
Upper Freezer Case	Small-item and frozen food, etc. Delicious Freezing Space When you want to freeze meat, fish or rice quickly
Lower Freezer Case	Freezing pack, sealed container, etc.

When storing food

Store food according to its type or size. As for the height of the foods to be stored, please use the reference standard line as a guide for upper freezing point, and the end face as a guide for other cases.

Store food such that it does not come into contact with the upper case or partition.

If foods touch the upper case or the partition, the door may not close firmly and the cooling may get worse. In addition, foods or each case may be damaged.



Quickly freezing meat, fish and rice (Using "Delicious Freezing")

Foods can be more quickly frozen combined with the effect by the aluminum tray.

Only by putting foods at the delicious freezing space, cooling mode can be automatically switched with detecting the temperature of the foods by the sensor.

Cover foods by wraps or freezing packs and put it on an aluminum tray. If food is divided into small portions, it not only freezes quickly it to its center but also make convenient to take it out.

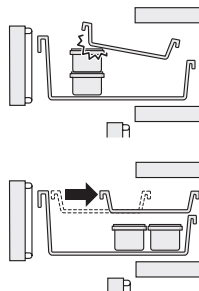
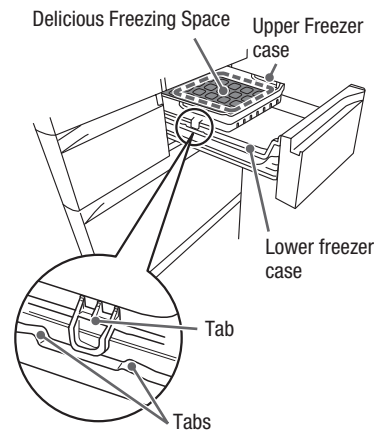
Notice

● If the height of the food in the lower case is lower than the bottom of the upper freezer case, the upper case can be pulled out to the front. When using "Delicious Freezing", set the left and right tabs of the upper freezer case between the projections of the lower freezer case.

● Foods can be frozen more efficiently if placed in close contact with the aluminum tray without stacking.

● If upper freezer case cannot be stored to the back end, it may be caused by the height of foods in lower freezer case which is higher than the bottom of upper freezer case.

● Remove upper freezer case and store the foods, in lower freezer case, with the lower height than the bottom of upper freezer case.



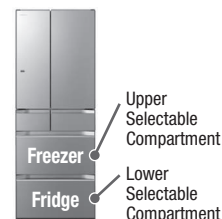
Caution

- Do not store 500 mL plastic bottles. If a plastic bottle freezes, it will expand and cannot be taken out.
- Do not use with upper freezer case removed. Food may fall to the back of the case and the door may not close.

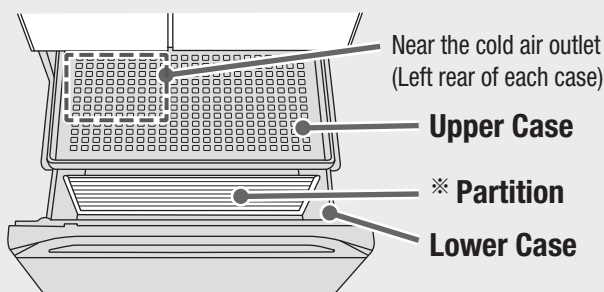
SELECTABLE COMPARTMENT (Selectable Zone Compartments)

SELECTABLE COMPARTMENT (Selectable Zone Compartments) Default Settings

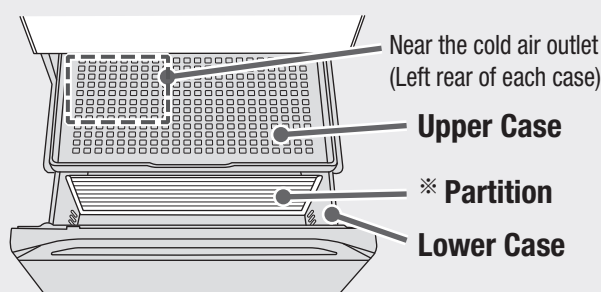
At purchased, Upper Selectable Compartment is set as "Freezer", and Lower Selectable Compartment is set as "Fridge". Switch to your preferred setting for use. When storing vegetables, temperature setting of "■" is recommendable.



Upper Selectable Compartment



Lower Selectable Compartment



Caution ※ Partition cannot be removed.

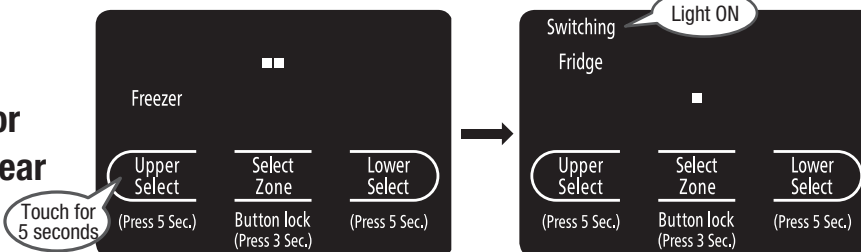
Switching the setting of Selectable Compartment (Selectable Zone Compartments)

Switch the setting of Selectable Compartment

1 Touch **MENU** button on the Control Panel to turn on the indicator lamp.

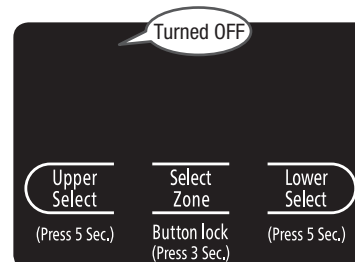
All indicator lamps turn on, and then the current settings are displayed.

2 Continue to push the Selectable compartment, targeted to be selected, for 5 seconds or more until hear setting sound (beep) to switch the setting.



※ When switching the setting of Upper Selectable Compartment as "Freezer" → "Fridge"

3 When switching is finished, it sounds popping and the "Switching" indication's light is turned off.



Notice

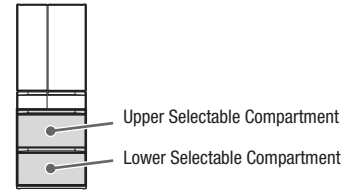
- **Approximate time necessary for switching while using**
About 3 to 8 hours for "Freezer" → "Fridge", and about 2 to 5 hours for "Fridge" → "Freezer". It may take about 12 hours depending on the ambient temperature or using status.
- "Switching" on the display panel lights up until the setting is switched.
When the setting is switched, it sounds popping and the "Switching" indication's light is turned off.
- Do not store food until the setting is switched.
It may freeze refrigerated foods or melt frozen foods. Also, if setting is switched while using, take out the foods of the compartment under switching.
- When the setting is changed to "Freezer", the temperature changes to "■■■".
When the setting is changed to "Refrigerator", the temperature changes to "■".

Caution

- When the setting is switched, the frost or dew may be generated on the ceiling, wall or case of the selectable compartment. The food to be stored may be damaged, so after switching the setting, wipe off any frost or dew with a dry cloth before putting the food.

SELECTABLE COMPARTMENT (continued)

(Selectable Zone Compartments)



Temperature adjustment (Selectable Zone Compartments)

When the setting of the selectable compartment is changed to "Freezer", it is set as "■■■".

When the setting of the selectable compartment is changed to "Fridge", it is set as "■".

If cooling is seemed as bad in summer or etc., use with setting of "■■■■". Refrigerating setting "■" is recommendable for storing vegetables.



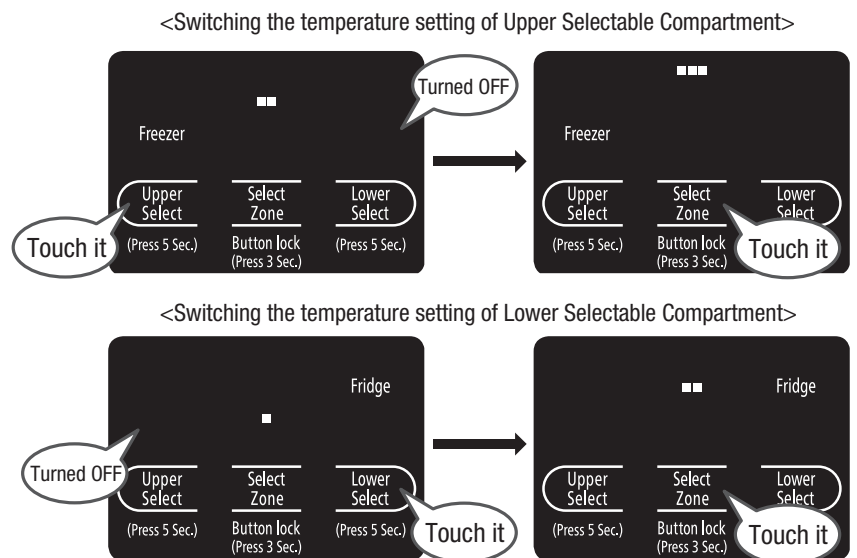
Approximate selectable compartment temperatures at the setting as "Fridge" :
 "■■■■" sets a temperature lower than that for "■■■" by about 1 to 3 °C.
 "■" sets a temperature higher than that for "■■■" by about 1 to 3 °C.
Approximate selectable compartment temperatures at the setting as "Freezer" :
 "■■■■" sets a temperature lower than that for "■■■" by about 2 to 4 °C.
 "■" sets a temperature higher than that for "■■■" by about 2 to 4 °C.

Switching the temperature setting of the Selectable Compartment

1 Touch **MENU** button on the Control Panel to turn on the indicator lamp.

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

2 Touch the "Selectable Compartment", targeted to be selected, and then touch "Select Zone" to switch the temperature setting.



When storing food

Store food according to its type or size. The height of the foods to be stored should be based on the end face of each case. Store the foods in such a way that they do not touch Upper Case or the partitions.

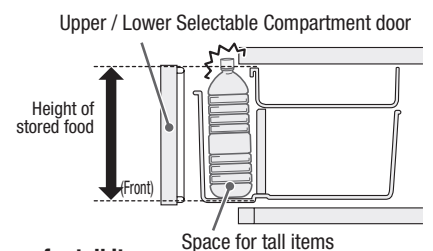
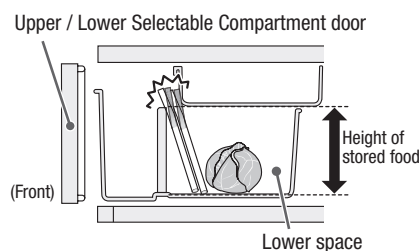
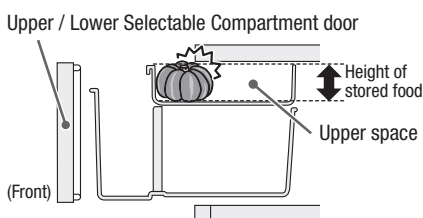
If foods touch Upper Case or the partition, the door may not close firmly and the cooling may get worse.

In addition, foods or each case may be damaged.

Caution

- Do not use with Upper Case removed. Food may fall to the back of the case and the door may not close.
- When using in the "Freezer" setting, store only food that can be frozen, such as contained in the plastic bottles for frozen use.

Guide to storing items based on their height



Space for tall items

- The door may not open if food is touching the partition, so do not store food that is 310mm (31cm) or higher.


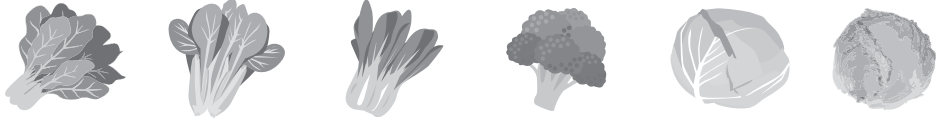
※ The above illustrate on Lower Selectable Compartment, but Upper Selectable Compartment is also same.

Examples of foods to be stored

At setting as “Fridge”

Upper space	Cooked dishes, prepared food, etc.
Lower space	Drinks, large refrigerated food, etc.
Tall Storage Compartment	2L plastic bottles, seasonings, etc.

At setting as “■” for “Fridge” It is recommended for storing vegetables.

Upper space	Unfinished vegetables, small vegetables (Tomatoes, green pepper, etc.), fruits (Strawberry, grapefruit, etc.). 
Lower space	Leaf vegetables (spinach, Japanese Mustard Spinach etc.), large vegetables (cabbage, lettuce), etc. 
Tall Storage Compartment	Tall vegetables (cucumber, asparagus etc.), 2L PET bottle, etc.

Caution

- Depending on the type of vegetables, low temperature failure may occur.
- Do not place leafy vegetables that tend to discolor or cucumbers and eggplants that are prone to low-temperature damage near the cold air outlet (→ Pg.29).

At setting as “Freezer”

Upper space	Freezing pack, sealed container, etc.
Lower space	Frozen foods and ice cream, etc.
Tall Storage Compartment	Plastic bottles for freezing

Caution

- Do not store plastic bottles that are not suitable for freezing. Otherwise the plastic bottles, or parts of the plastic bottles, may get damaged.

Tips for storing vegetables

■ Types of food recommended to be kept at room temperature

- We recommend that the following types of food be kept in a cool location away from direct sunlight: garlic, onion, potatoes, sweet potatoes, squash, and whole (uncut) pumpkins.



■ Risk of damage due to low temperatures

Some foods might change color or lose flavor if stored in the for an extended period of time. Other types of food might lose their vitamin C content, grow mold, or spoil.

- Vegetables: Tomatoes, green pepper, cucumber, eggplants, green beans, sweet potatoes, okra, etc.
- Fruits: Bananas, pineapple, mangos, papayas, avocados, lemons, etc.



Above foods become delicious by cooling in the refrigerator for a short time before eating.

Request

- When there are few vegetables, it may not be possible to maintain high humidity, so that store the foods with wrapping.
- Vegetables often contain a lot of water, so depending on the amount and type of vegetables, condensation may occur on cases or food surfaces. If the condensation is concerned, wrap the food.
- Water accumulating in the container might cause food to spoil faster. Use a sponge or dishcloth to wipe up any water that accumulates.
- When storing dry foods such as rice and seaweed together with foods that contain a lot of moisture (vegetables, etc.), store them in sealed containers (bags). Otherwise the dry foods may absorb moisture.

Notice

The temperature of the space for tall items is slightly higher than that of other containers.

VARIOUS FUNCTIONS

Fine adjustment of the temperature (Refrigerator Compartment / Upper Selectable Compartment / Lower Selectable Compartment)

Temperature settings for Refrigerator Compartment and Selectable Compartment (Selectable Zone Compartments) can be more finely adjusted by 11 levels.

1 Open the Upper Selectable Compartment door

2 Press down  button for 5 seconds or more until 1 beep is heard.



3 Close the Upper Selectable Compartment door

4 Adjusting Refrigerator Compartment

Touch  button to set the temperature as you like.

Refrigerator Compartment (Lighting Blinking Turned off)

Indication lamp											
Setting	MIN and under	MIN.	→	→	→	MID.	→	→	→	MAX.	MAX and more

Each time you touch it, the corresponding indication changes in the order shown left.

Adjusting Upper / Lower Selectable Compartment

Touch Selectable Compartment preferred to be adjusted and then touch  to adjust

Upper / Lower Selectable Compartment (Lighting Blinking Turned off)

Indication lamp											
Setting	MIN and under	MIN.	→	→	→	MID.	→	→	→	MAX.	MAX and more

Each time you touch it, the corresponding indication changes in the order shown left.

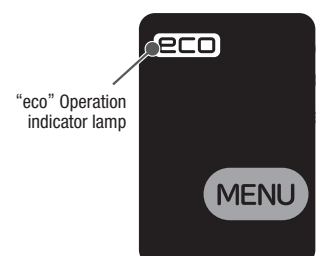
To cancel Follow the operations shown in Step 1, 2 and 3.

2 beeps sound and you can set the temperature by normal step (3 levels).

“eco” Operation indicator lamp

ECO is automatically turned on and inform the energy saving operation when the operation is comparatively stable.

Open or close a door less frequently and quickly. Use this indicator wisely to save energy efficiently.



Notice

If **ECO** isn't illuminated, check the following things.

- Immediately after it is installed, or plentiful foods are stored at a time
- If the door is frequently opened / closed (when the [Door Open & Close indicator lamp] is lit)
- If the door is not closed completely because any food/bag is wedged between the door and the body of the refrigerator.
- “Quick” is set.
- The ambient temperature of the refrigerator is about 35°C or higher.

Door Alarm

If any door is kept opened for 1 minute or more, it is notified with sound or light.

Door Alarm function is installed in Refrigerator Compartment, Ice Compartment, Upper and Lower Selectable Compartment. (not installed in Freezer Compartment)

Duration when door is open	1 minute	2 minutes	From 3 minutes onward
Alarm sound	Long beep (3 beeps)	Long beep (5 beeps)	Long beep (continuously), Louder
Display area	Blinking	Blinking	Blinking
For operation	Light ON	Light ON	Light ON

Notice

- While the indicator lamp is blinking on the display area, the Control Panel remains inactive upon touching. Close the door before starting operation.
- Door alarm rings after 30 seconds when the door has been opened only in case the power "Energy Saving" mode set. However the indicator blinks after 1 minute of the opening.

Door Alarm and volume adjustment of the operation sound

You can set the sound level of the alarm louder or no alarm sound.

1 Touch **MENU** button on the Control Panel to turn on the indicator lamp.

2 Open the Upper Selectable Compartment door

3 Press down **Lower Select** button for 3 seconds or more until the preset sound is heard.

The volume level of the operation sound is changed from "Standard" to "Louder" or "Sound off". Repeat the change of settings to set the operation sound you like (see the table shown below). The sound is set to "Standard" at the time of purchase.

Volume level	Standard	Louder	Sound off	Standard
Preset sound	—	2 long beeps	Long beep	2 beeps

(At the time of purchase)


4 Close the Upper Selectable Compartment door

Notice

- It is impossible to adjust the volume level of either door alarm or operation sound only.
- When the Door Alarm is disabled, characters on the Control Panel no longer blink.
- Even if the volume level is set to "Sound off", the operation sound of the "Ice Maker Cleaning" alarm is raised and is heard.
- When connecting/disconnecting the power plug or after recovering from electric power failure, it will return to the standard setting where the Door Alarm sounds.

Locking the Control Panel

Disabling operations can prevent erroneous operations or misuse by children.

When this indicator lamp  (Lock of the Control Panel) is illuminated, any other portion of the Control Panel will not be activated by touching it.



1 Touch **MENU** button on the Control Panel to turn on the indicator lamp.

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

2 Press down **Select Zone** button for 3 seconds or more until the preset sound is heard.

Lock of the Control Panel is changed to "On" or "Off".

The locking of the Control Panel is set to "Off" ( is unlit) at the time of purchase.

Setting of the Control Panel's lock	"On" (locked)	"Off" (unlocked)
"  indicator lamp"	On 	Off
Preset sound	Long beep	2 beeps

Notice

- When connecting/disconnecting the power plug or after recovering from electric power failure, lock of the panel for operation may be released.
- The indication is turned off after about 40 seconds for energy saving. This setting is maintained until it is released.

ENERGY SAVING

Setting “Energy Saving” mode

Setting the “Energy Saving” mode reduces the ability to cool each compartment for energy savings.

If the door of the refrigerator compartment is continued to be opened for more than 30 seconds, the brightness of the LED light in the refrigerator compartment and the vacuum compartment will decrease to save power.

If a door is not opened or closed for a long time, **the inside is cooled down slowly to further reduce power consumption.**

How to enable “Energy Saving”

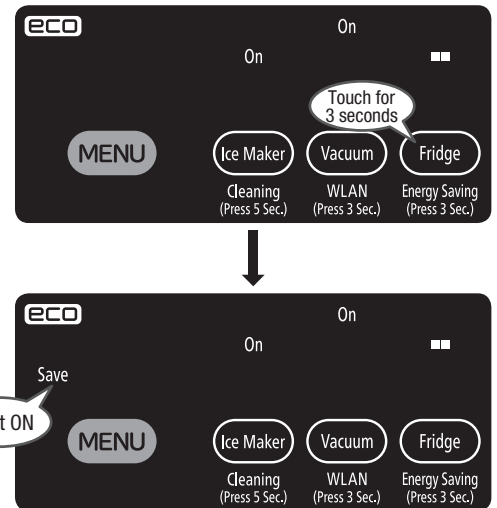
1 Touch **MENU** button on the Control Panel to turn on the indicator lamp.

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

2 Press and hold **Fridge** for 3 seconds or more until the preset sound (long beep) is heard to turn on the “Save” indicator lamp.

“Energy Saving” mode is off at the time of purchase.

3 Touch **MENU** on the Control Panel to turn on the indicator lamp, press and hold **Fridge** for 3 seconds or more until the preset sound (2 beeps) is heard to turn off the “Save” indicator lamp.



Notice

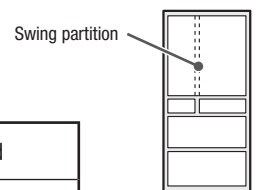
- Automatic temperature control lowers cooling loads, which may cause ice cream to get soft and frost to form on frozen food. It also requires longer freezing time and ice making time.
- When “Quick” is set in the Energy Saving mode, the Energy Saving mode is temporarily cancelled, and temporarily cancel the operation which weakens the cooling.
- When the temperature of the “Refrigerator Compartment” and/or “Selectable Compartment” is set to “■”, the minimum level of cooling is not reduced to maintain the freshness of foods.

Set the condensation prevention heater to MIN. (Swing partition)

Setting the condensation prevention heater to MIN saves energy.

When dew is formed in the swing partition, set it to the standard.

The temperature settings for the swing partition can be adjusted by three levels (1 to 2), and level 2 is the most energy saving.



MIN setting of the heater	Standard	MIN setting level 1	MIN setting level 2	Standard
Preset sound	—	Long beep	Long beep (2 beeps)	2 beeps

(At the time of purchase)

1 Open the Upper Selectable Compartment door

2 Touch **MENU** button on the Control Panel to turn on the indicator lamp.

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

3 Press and hold **Upper Select** button for 3 seconds or more until the preset sound is heard.

The setting of MIN level of the dew condensation prevention heater will be switched.

Repeat the above-stated operation to set it to the level you prefer (see the table above).

4 Close the Upper Selectable Compartment door

Notice

- The setting will be returned to the standard when the power plug is disconnected and connected or power failure recovery takes place.

MAINTENANCE



Warning

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

When dirt is found

- Wipe off it immediately. It is recommended to clean the hidden places once a year.

Power plug

Once or twice a year

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



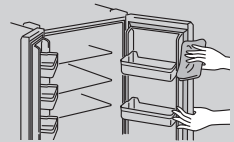
To prevent fire or electric shock. → Pg.4

Door gaskets

Once a month

Use a soft cloth wet by lukewarm water to wipe off.

Wipe it thoroughly because it can become easily dirty.



Surface of door

Once a month

Wipe the surface of door using a soft cloth wet by lukewarm water, and then wipe off water with a dry cloth.

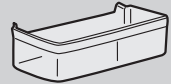
Remaining adhesives on glass surfaces, if any, can be removed clearly by using a plastic eraser to rub it and then wiping it off with a dry cloth.



Each shelf/pocket

Once per three months

Use a soft cloth wet by lukewarm water to wipe off.



For how to remove → Pg.38

Liquid receivers

Once a month

Use a soft cloth wet by lukewarm water to wipe off.

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

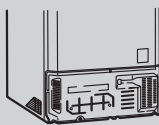
Liquid receivers



The back/floor of the refrigerator

Remove the leg covers, raise the adjustable mounts from the floor, pull the refrigerator toward you, and then wipe off dirt.

Once or twice a year

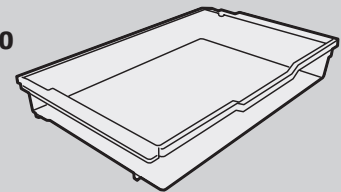


- The back of the refrigerator easily becomes dirty because fine dust is accumulated on it by convection of air. Lay the protection board etc. on the floor which can be easily scratched.
- If you care about vibrating sound, or about discoloration or dirt caused by humidity on a wall behind, install the refrigerator so as to form a gap of 2 cm or more.

Case

Once per three months

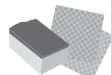
Use a soft cloth wet by lukewarm water to wipe off.



For how to remove → Pg.39

Request

- Do not use the following items because it may cause damage and discoloration of the door, paintwork, plastic parts and glass surface



Alkaline glass detergent, Mild alkaline kitchen detergent (other than neutral), Chlorine bleaching agent

Scrubber, Polishing sponge, Chemical wipe

Polishing powder, Washing powder

Benzin, Thinner, Alcohol

Hot water

Check the "Liquid Property field" of your detergent displayed in accordance with Household Goods Quality Labeling Act.

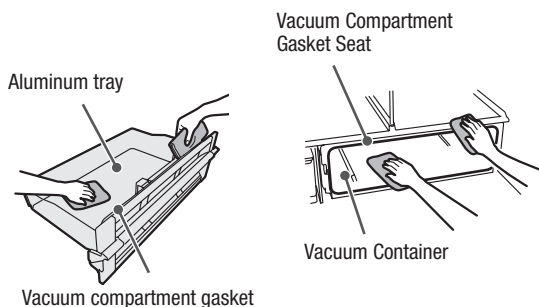
- Make sure to wipe off spilled cooking oil, citrus fruits juice and food soup. Because it may cause damage and discoloration of the door, paint work and plastic parts.
- Do not wipe off lubricant applied to movable contact surfaces of cases and rails for the slide door.
- When a magnet or suction cup is attached on the side surface of the body or the surface of a door, it may leave some mark.
- When unplugging the power plug, the settings of the Control Panel may be released. So check the settings.

MAINTENANCE (continued)

Vacuum compartment **Once a month**

1 Remove the vacuum compartment.
 For details on how to remove the vacuum compartment: → P.38
 Be sure to remove any items stored in the vacuum compartment.

2 Wet a sponge or dishcloth in warm water, and wipe the following parts.
 ※ Do not use any detergents or other cleaning agents.



Request

- Gently wipe the ceiling of the vacuum compartment, especially in the vicinity of the interior LED light. Excessive force might damage the light.
- Using any cleaning agent other than warm water on the vacuum compartment gasket might damage, deform, or discolor the gasket and reduce the effectiveness of the vacuum.

3 Re-installing the vacuum compartment.
 For details on how to install the vacuum compartment: → P.38
 If the vacuum compartment gasket is loose or the compartment itself is not properly aligned, a vacuum state will not be achieved.

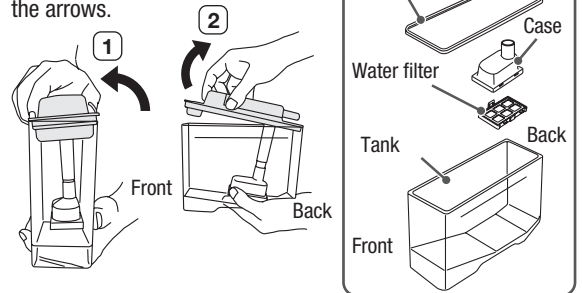
If the vacuum compartment gasket is very dirty

1 Wash the gasket by using a soft sponge.
 Note: Do not use any detergents or other cleaning agents.

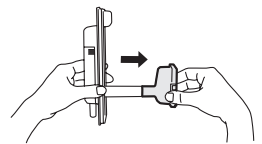
2 Use a dry dishcloth to wipe off any excess water and then allow the gasket to dry naturally.

Water supply tank **Once a week**

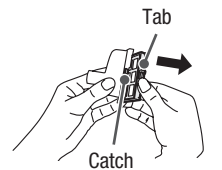
1 Remove the water supply tank and its cover.
 Open the tank by removing the cover in the directions indicated by the arrows.



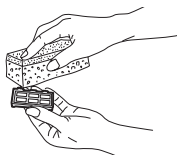
2 Remove the gasket and case from the cover.
 Pull the case to remove it from the cover.



3 Remove the water filter from the case.
 To remove the water filter, pull the tab of the water filter to separate it from the catch.



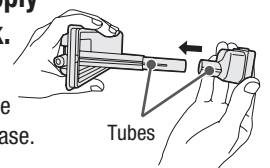
4 Wash each part of the water supply tank.
 Wash each part by using a soft sponge. Do not use any detergents or other cleaning agents.



NOTES

- Replace the water filter every 3 to 4 years or as needed. → P.47

5 Reassemble the water supply tank, and then fill the tank.
 Reattach the case to the cover by aligning the tubes and inserting the tube of the cover into that of the case.



Close the tank by attaching the cover in the direction indicated by the arrow.

Front

Back

The gasket is twisted.

The cover is not attached properly.

Request

If you do not plan on using the automatic ice maker for a period of time, clean the water supply tank, wait for it to dry completely, and then re-install it in its place.
 (Make sure the water filter and all other parts of the tank are completely dry.)

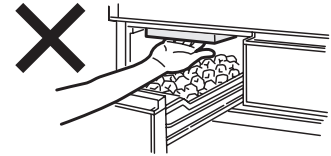
Cleaning the ice maker

Before using the ice maker for the first time or if you have not used the ice maker in over a week.



Warning

WARNING Do not touch the mechanical parts of the automatic ice maker.
(Touching these parts might result in injury.)



Wash the ice tray and other parts that come in contact with water.

Preparation

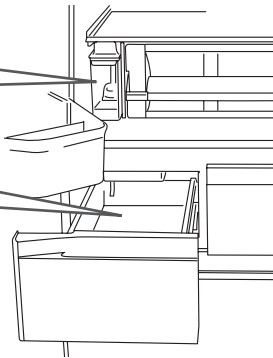
Check the following before cleaning the ice maker.

Water supply tank

- Fill the tank up to the max fill line.
- Set the tank correctly in place.

Ice container

- Remove any ice cubes remaining in the ice container.



After checking the above, close all doors of the refrigerator, and then proceed to step 1.

1

Touch **MENU** on the control panel to activate the control panel.

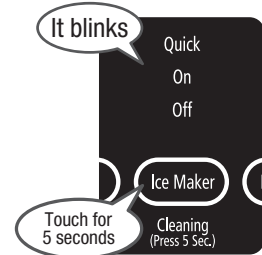
All indicators will turn on, and then some will turn off to reflect the current settings.

2

Touch the **Ice Maker** button for 5 seconds or more until you hear the alarm.

All three ice maker indicators ("Quick" , "On" , and "Off") will blink and then cleaning on the ice maker will start. (Cleaning takes about 4 minutes.)

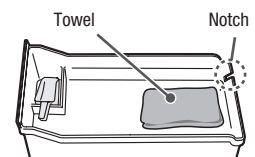
- The indicators will blink and the alarm will sound continuously for about 4 minutes.
- Once cleaning starts, you cannot stop it before it finishes.
- Do not open any door of the refrigerator while the ice maker is being cleaned.
Opening a door in the middle of cleaning might cause problems.
- The alarm for the ice-maker cleaning function will sound even if the door alarm is disabled. → Pg.33



3

When the alarm stops, place a clean towel in the ice container to prevent water from spilling out.

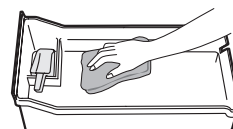
There is a notch at the back of the ice container. To prevent the water that accumulated during cleaning from spilling out from this notch, place a clean, absorbent towel towards the back of the container.



4

Remove and dry the ice container. Then put it back in the ice compartment.

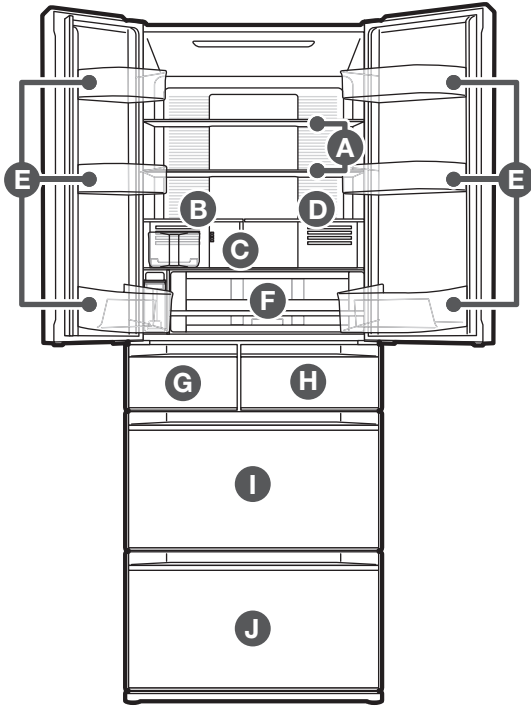
Remove the towel that you placed in the ice container in the previous step. Any water remaining in the water supply tank can be used to make ice. After cleaning finishes, the ice maker will be set to "On" .



HOW TO REMOVE/ATTACH PARTS

Caution

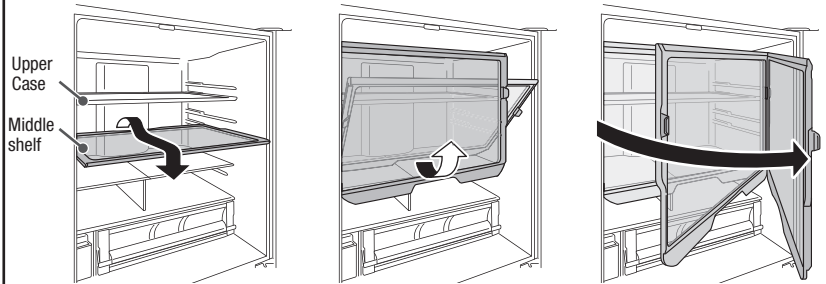
- Before removing any part of the refrigerator, remove all items stored in or on the relevant part.
- Do not remove any refrigerator parts other than those listed in this section. To remove or clean parts not listed in this section, contact a customer service center.
- Do not remove or wash the platinum catalysts in the vacuum compartment.



A Height adjustable upper and middle shelf

Request Remove the middle shelf before removing the upper shelf.

- 1 Slightly lift the back of the shelf and then pull the shelf forward.
- 2 Continue to pull the shelf forward as shown in the figure below.
- 3 Rotate the shelf to remove it.

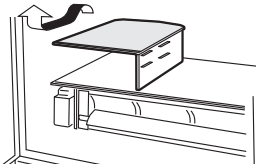


Notice

The glass shelves are heavy. Take care when inserting and removing them. If you drop a shelf, it might crack or shatter, causing injury.

B Fixed shelf

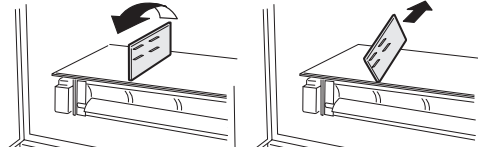
Slightly lift the back of the shelf and then pull the shelf forward.



Then, please remove the Height Adjustable Shelf first.

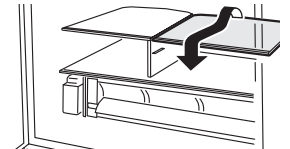
C Shelf partition

- 1 Hold the back of the partition and then rotate the partition forward.
- 2 Remove the partition by pulling it toward the back of the refrigerator.



D Lower height-adjustable shelf

Lift the shelf to remove it.

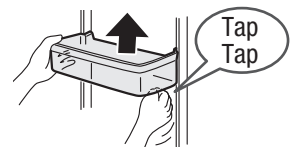


E Door shelves

Lift each door shelves to remove it. Each shelf is very securely attached, so you might need to lightly tap the bottom-left and right sides of the shelf to dislodge it.

Caution

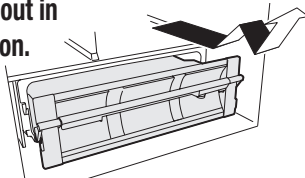
When reattaching each shelf, make sure to attach it securely. If a shelf is not securely attached, it might fall off, causing injury.



F Vacuum Compartment

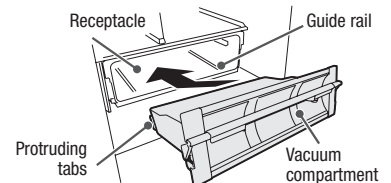
Removal

Pull out the vacuum compartment. Then, lift the front of the compartment and continue pulling the compartment out in an upward direction.



Installation

Align both the left and right protruding tabs of the vacuum compartment with the guide rails of the receptacle, and then insert the compartment. When the compartment is all the way in, press the handle down to lock the compartment.



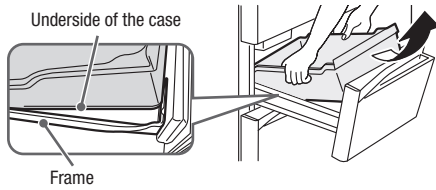
Request

After installing the compartment, open and close the compartment a few times to make sure it has been installed correctly.

G Ice Case (Ice Compartment)

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

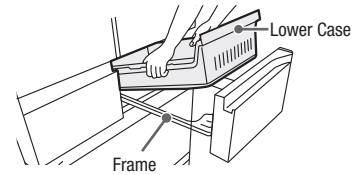
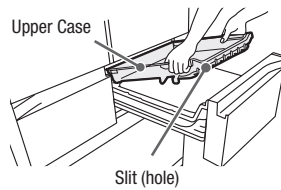
Put the case bottom on the frame and set the case.



H Upper Case, Lower Case (Freezer Compartment)

1 Open the door and pull Upper Case out.

2 Lift up Lower Case. At attaching, set the bottom of the case on the frame.



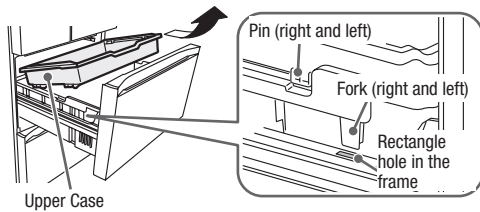
Insert Upper Case with the slit (hole) facing you.

I J Upper Case, Lower Case (Upper / Lower Selectable Compartment)

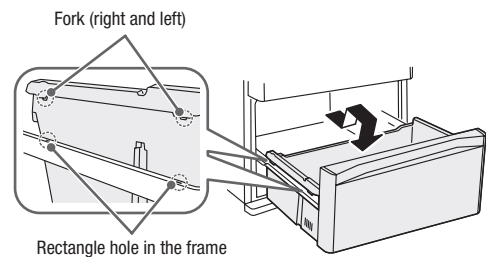
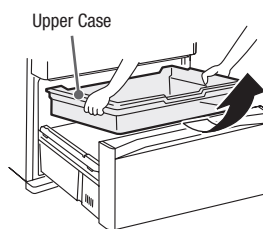
1 Open the door and pull Upper Case out.

For Lower Selectable Compartment, open the door all the way to the front, lift both ends to back, pull it out slowly, and lower it to the floor.

Upper Selectable Compartment

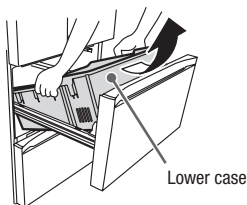


Lower Selectable Compartment

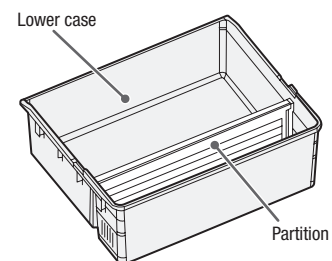
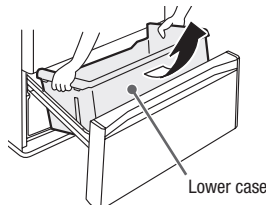


2 Lift Lower Case to back.

Upper Selectable Compartment



Lower Selectable Compartment

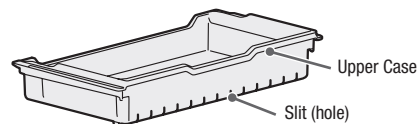


Caution

- If it is set incorrect, it causes the abnormal noise or half-shut at opening/closing door. In addition, the parts such as the case may be damaged.
- At attaching Upper Case, attach it with the slit (hole) side putting in front of you. After attaching, slide the Upper Case back and forth to check that it is attached correctly.
- The partition cannot be removed.
- Improper installation of the Upper Case may damage parts, including cases.

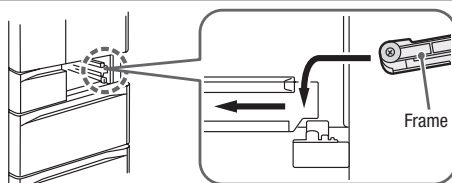
Caution

Partition in the lower case of the Upper / Lower Selectable Compartments cannot be removed.

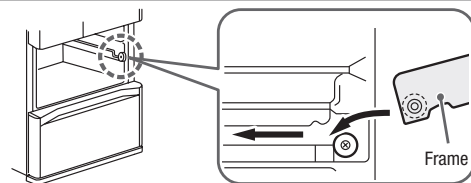


How to attach the slide door (Ice Compartment/Freezer Compartment/Upper Selectable Compartment/Lower Selectable Compartment)

Ice Compartment/Upper Freezer

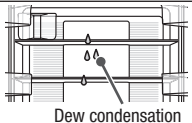


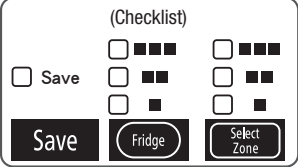
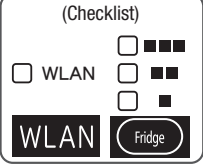
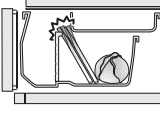
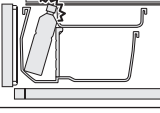
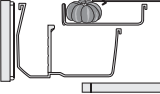
Upper / Lower Selectable Compartment



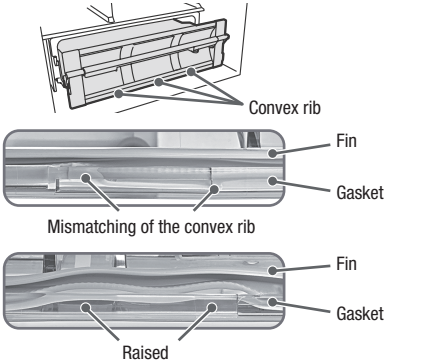
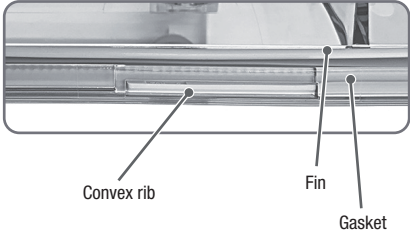
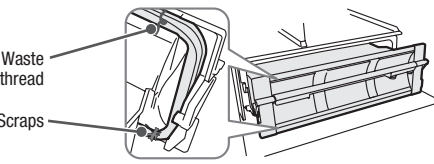
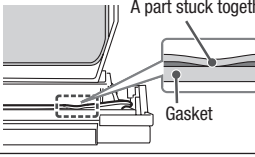
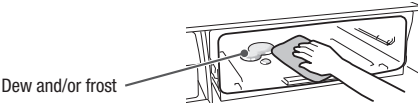
TROUBLESHOOTING


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

	When this happens	Check Item	Action and Reasons	
Initial stage	Not cooled well.	Haven't 24 hours passed since the installation?	Cooling may take more than 24 hours at installation. Place food at appropriate intervals, refrain from opening and closing a door as much as possible and wait. Cooling takes more time during summer or in case of a lot of food being stored.	
	No ice is made.	Haven't 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 a door as much as possible and wait.	
Control Panel	The Control Panel does not respond.	Isn't LOCK lit in the Display Section? If so, the Operation Section is locked.	Cancel the lock of the Control Panel. (→ Pg.33)	
		Is Refrigerator Compartment Door open?	Operate after closing it.	
		Isn't a water drop or dirt attached to the Control Panel?	Wipe off dirt with a wet cloth and then wipe off moisture with a dry cloth.	
		Are you wearing gloves or applying a plaster?	Touch directly with your finger.	
		Did you touch adjacent Control Panel wrongly?	Touch the target Control Panel only.	
Control Panel	The Operation Section is unlit.	Is WLAN or Wi-Fi blinking?	The unit software update process is in progress. During the unit software update process, it is not accessible. Wait a while until the completion of the update.	
			The Operation Section goes out about 40 seconds after the completion of operation for energy savings. (→ Pg.21) To turn it on, touch MENU or open a door of the Refrigerator Compartment.	
Control Panel	Setting of the Operation Section is changed without any operation.	Is any other user operating it by his/her smartphone?	One unit can be operated by five smartphones at maximum.	
Refrigerator does not cool	Impossible to cool: Ice cream putting in the Selectable Compartment with setting of "Fridge", is still too soft.	Does any food or package caught in the door prevent the door from closing completely?	Remove caught food, if any, and close the door securely. Pay attention to the height of food when placing it in the refrigerator.	
		Is food squeezed in? or Is a large amount of food put in at one time?	Allow clearance between each food in each compartment.	
		Is the case in each compartment fixed securely?	Install them correctly. (→ Pg.39)	
		Food cannot be cooled enough, depending on the installation place or surrounding situation.	Check to see if the refrigerator is installed properly. (→ Pg.8)	
		Isn't the "Energy Saving" mode "ON"?	Exit the "Energy Saving" mode. (→ Pg.34)	
		Isn't the temperature set to "■"?		
		Is Selectable Compartment set as "Fridge"?	If a compartment is not be cooled enough, change the temperature setting. (→ Pg.22, 29, 30)	
		Does the temperature around the refrigerator become high due to weather (ex: in summer)?		
Refrigerator does not cool	Impossible to cool: Ice cream putting in the Selectable Compartment with setting of "Fridge", is still too soft.	Haven't you left a door open for a long time or opened or closed it frequently?	Temperature in the refrigerator rises little by little while its door is open. If the door is opened/closed frequently or left open for a long time, temperature cannot easily lower. Reduce the number of times of opening and closing the door, or open/close the door quickly.	
		Isn't the indication on the Control Panel changing quickly?	The refrigerator is in the demo mode. Please cancel the mode. (→ Pg.41)	
		Was the door or the drawer not temporarily shut completely?	Check that any food or package caught in the door, and then close it completely.	
		Haven't you left a door open for a long time or opened or closed it 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 or close the door quickly, or reduce frequency of opening and closing the door. Wipe off the frost or dew with a dry cloth.	
		Is the air surrounding the refrigerator humid?	Dew may adhere to those parts when the indoor humidity is high (ex: rainy day). Wipe off the dew with a dry cloth.	
		Isn't the heater for preventing dew condensation set to Low?	When the air surrounding the refrigerator is humid, dew may be formed. Set the heater for preventing dew condensation to Standard. Wipe off the dew with a dry cloth. (→ Pg.34)	
		Isn't the temperature set to "■■■■"?	When the temperature is set to "■■■■", dew may be formed on the surface of a door. Set the temperature to "■■■". Wipe off the dew with a dry cloth.	
		Is the ambient of the refrigerator humid? Is there sufficient space between the back of the refrigerator and the wall?	Make sure there is at least 2 cm of space between the back of the refrigerator and the wall. (→ Pg.8)	
Frost and/or dew occurs	Frost, dew or ice adheres to the inside of the refrigerator or the frame of the drawer.			
	Dew adheres to the outside of the refrigerator.			
Frost and/or dew occurs	There is condensation on the back of the refrigerator or on the wall.			
Frost and/or dew occurs	Dew condensation occurs in the Refrigerator Compartment.	Haven't you left a door open for a long time or opened or closed it frequently?	Condensation may form on the wall and/or around the cold air blowout port when the door is opened and closed frequently or the humidity is high around the refrigerator. No trouble. Wipe it off with a dry cloth.  Dew condensation	
Automatic ice making	Ice cannot be made at all.	Isn't "Off" lit in the Display Section? Ice making is set to Stop Ice Making.	Set it to "On" or "Quick" mode. (→ Pg.26, 27)	
		Isn't "Water" lit in the Display Section? The water in the water supply tank is low.	Pour water into the water supply container. (→ Pg.26, 27)	
		Isn't 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 to the "Container-full line" of the water supply container. (→ Pg.26)	
		Is the water supply container pushed firmly until it is beyond the "Container set position" line?	Push it beyond the "Container set position" line. (→ Pg.26)	
		Is anything other than ice stored in the ice case?	Remove it from the Ice Case.	
	Automatic ice making	It takes a long time to make ice.	Is the ice case filled with ice over the limit line of stored ice amount?	Level the ice. (→ Pg.27)
			Do you open the door frequently or store a large amount of food at a time?	The inside is not cooled down enough. Minimize the number of times of opening and closing the door until it cools fully. Allow clearance as much as possible between each stored food.
			Isn't the surrounding temperature low?	Ice making takes more than four hours during winter. Refrain from opening and closing a door as much as possible and wait.
			Haven't you just changed the setting from "Off" to "On"?	Ice-making may take time immediately after changing the setting. Refrain from opening and closing a door as much as possible and wait.
			Does any food or package caught in the door of the Freezer or Ice Compartments prevent the door from closing completely?	Remove caught food, if any, and close the door securely.
Automatic ice making		Isn't the "Energy Saving" mode "ON"?	Exit the "Energy Saving" mode. (→ Pg.34)	

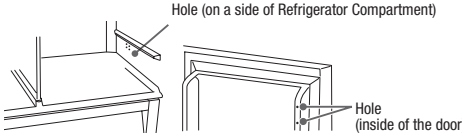
	When this happens	Check Item	Action and Reasons	
Automatic Ice making	Projection is generated on ice.	_____	It is frozen water collected in the ice tray groove. It does not indicate any trouble.	
	Stored ice becomes small. Ice sticks together.	Have the ice cubes been sitting in the ice container for a long time?	If ice cubes are left unused, they will gradually grow smaller or stick together. If you can separate the ice cubes by using the ice scoop, this is not an issue.	
		Do you open the door frequently or store a large amount of food at a time?	Open/close the door quickly or reduce frequency of opening and closing the door.	
		Hasn't a door of the Refrigerator Compartment or a drawer been closed incompletely temporarily?	Close the door completely.	
	Small ice is made.	Isn't 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 to the "Container-full line" of the water supply container. (→ Pg.26)	
	Connected ice is made.	_____	Water in the groove in the Ice Tray may be frozen and sticks to ice cubes. It does not indicate any trouble.	
	There is white impurity in ice.	_____	It is because the fine air bubble in water is contained in ice.	
Did you use mineral water to make ice?		Mineral contained in water may freeze and become white impurity in ice. It may remain after thawing in water, but it is harmless.		
When you do not make ice	_____	Set "Off". See "Stop Ice Making". (→ Pg.27)		
Lamp at Display Section is blinking	Are 3 or more of the temperature adjustment lamps, of Save / Fridge / Select Zone , blinking?	Check one by one the ON / OFF of 7 lamps of Save / Fridge " ■■■■ / ■■ / ■ " and Select Zone " ■■■■ / ■■ / ■ ".	Contact with the customer service with checking <input checked="" type="checkbox"/> to the blinking lamps. If you record, it can be accurately informed. 	
	3 or more of the temperature adjustment lamps of WLAN and Fridge are blinking	Check the ON/OFF of 4 lamps of the WLAN and Fridge " ■■■■ / ■■ / ■ " one by one.	Contact with the customer service with checking <input checked="" type="checkbox"/> to the blinking lamps. If you record, it can be accurately informed. 	
	Ice Maker "On" blinks, or Fridge " ■■ " and Select Zone " ■■■■ " and ■ lamps blinks	Don't you put food or ice other than that made by the Automatic Ice Maker in the Ice Compartment?	Some foods, etc. may come into contact with the ice tray. Empty the Ice Compartment and do the "Ice Maker Cleaning". (→ Pg.37)	
	Quick On Off All indicator lamps blink	Haven't your held Ice Maker for five seconds or more?	It is in process of Ice Maker Cleaning. The blink will stop in about four minutes. Do not open any door of the refrigerator during blinking.	
	All displays flashing	Isn't the door opened? Isn't the door closed incompletely due to food being caught?	Close a door when it is open. If a door is closed incompletely due to food being caught, remove the caught food and close it securely.	
	Lit lamps are changing one after another	_____	The refrigerator is in the demo mode. Please cancel the mode. In the demo mode, the refrigerator does not perform the cooling operation. Open the right and left doors of the Refrigerator Compartment and the Upper Selectable Compartment. Touch MENU on the Control Panel to turn on the indicator lamp. Press and hold the Select Zone button for 10 seconds or more until the preset sound is heard. All the indicator lamps are lit for a few seconds, the demo mode is cancelled and the cooling operation is started. Close the right and left doors of the Refrigerator Compartment and the Upper Selectable Compartment.	
	Selectable Compartment is concerned	Condensation occurs in Selectable Compartment	Don't you place a large amount of vegetable containing much water?	When storing vegetables in the selectable compartment, there humidity will be higher than in other compartments, so that the condensation may form on the top of the compartment or the food surface depending on the amount and type of vegetables. This is not abnormal. If such condensation is concerned, it is recommended to store the food with wrapping. Also, if there is a lot of condensation, water drop may accumulate in the selectable compartment.
Switching notification sign does not light		Check the "switching notification sign" on the door display.	Switching notification sign lights up while switching the setting of the selectable compartment. When using with the setting as it is at purchased (Upper and Lower Selectable Compartments are set as "frozen" and "refrigerated" respectively), the "switching notification sign" at the door display panel does not light.	
Door of Selectable Compartment cannot be closed, or Upper Case doesn't return back to the locking position when the door is opened.		Is any food, etc. caught between the upper case and the lower case?		Remove it if any.
		Isn't a plastic bottle and/or food item in contact with the handle of the Upper Case?		Store PET bottle, food, etc. so that they don't come in contact with the locking handle.
	Isn't any food caught between Upper Case and ceiling of Selectable Compartment?		Remove the food if it is caught there. In addition, do not try to close the door too hard in the situation that food or etc. is touching the ceiling of Selectable Compartment.	

TROUBLESHOOTING (CONTINUED)

When this happens	Check Item	Action and Reasons
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">There is something strange with the Vacuum Compartment</p> <p>Hissing sound does not occur when opening.</p>	Is the setting of the Vacuum Compartment to "Off (Non-vacuum)?"	Change the setting to "On". (→ Pg.25)
	Is the handle pulled up?	Hold down the handle to lock.
	Is the handle held down to the end and locked?	The vacuum function will not work unless it is locked. Press the handle until it stops to lock it.
	<p>Isn't the Vacuum Compartment Gasket removed?</p> 	<p>Install the vacuum compartment so that the tabs on the gasket aligns with the holes in the compartment. Make sure the gasket is securely in its retainer, with no raised parts.</p> 
	<p>Is there anything that is caught stuck to the gasket of the vacuum compartment or its retainer? Is the gasket or its retainer dirty?</p> 	<p>Remove any packaging material of foods or other things which are caught in. If the gasket is dirty, clean it. (→ Pg.36)</p>
	<p>Is there any stuck parts on gaskets?</p> 	<p>If a part of the gasket is stuck together, the vacuum compartment will not be able to maintain a vacuum state. If there is a part stuck together, peel such part off. Since it is difficult to see the left and right side faces and the bottom, such part shall be confirmed with removing the vacuum compartment. (→ Pg.38) If the gasket is dirty, clean it. (→ Pg.36)</p>
Did you just open the vacuum compartment?	After you close the refrigerator doors and the vacuum pump starts up, it takes about 3 to 4 minutes to achieve a vacuum state. Wait at least 4 minutes before opening the vacuum compartment.	
I am not sure if the vacuum function is working.	When you open the vacuum compartment, do you hear a sound?	If the vacuum function is working properly, when you open the vacuum compartment, you should hear a hissing sound as air enters the compartment.
I cannot lock the handle.	Is there any food or packaging caught in the vacuum compartment gasket or in the vacuum compartment receptacle?	Make sure nothing is caught in the gasket or in the receptacle.
	Is the vacuum compartment installed correctly?	Install the vacuum compartment in accordance with the procedure described in "HOW TO REMOVE/ATTACH PARTS". (→ Pg.38)
The vacuum compartment vibrates and emits a humming sound.	_____	This sound is made by the vacuum pump when it is running. If you are bothered by the sound (for example, at night), you can stop the pump from running by changing the "Vacuum" setting to "Off". (→ Pg.25)
	Is there any food or packaging caught in the vacuum compartment receptacle? Is the vacuum compartment gasket dirty? Did you press the handle down firmly to lock the vacuum compartment?	The refrigerator regularly vibrates and emits sounds. Make sure nothing is caught in the vacuum compartment receptacle and that the gasket is clean. (→ Pg.36) Press the handle down firmly to lock the vacuum compartment.
There is frost or condensation inside the vacuum compartment or around the vacuum compartment receptacle.	<p>Did you put food high in water content in the vacuum compartment?</p> 	The vacuum compartment is tightly sealed. As such, the water content in foods and moisture in the air might form frost or condensation inside the compartment. If this happens, wet a dishcloth in warm water and wipe away the frost or condensation. In addition, we recommend that you wrap foods high in water content before storing them in this compartment.





	When this happens	Check Item	Action and Reasons	
Door is not in a horizontal state	Door is not in a horizontal state.	Is the installation site level?	This does not affect the refrigerator performance. Adjust the refrigerator adjustable mount to keep it level if you want to correct it. (→ Pg.8)	
		Does the soft floor material sink in around the legs due to the weight of stored items?	Lay a firm board which has more than 1cm thickness on the floor if the refrigerator itself inclines.	
It smells strange	Plastic smells	—————	This smell occurs because a lot of plastic parts are used in the refrigerator, but the smell decreases gradually while cooling. This is not malfunction.	
	Ice smells	Do the water supply container and/or water filter become dirty? Or does ice become old?	Wash them regularly to prevent "slime" and/or "fur". (→Pg.36, 37)	
		—————	Chlorine may strongly smell because chlorine in tap water is condensed.	
It smells in the refrigerator	Is any food which strongly smells stored without any wrapping?	The deodorizing function cannot completely remove all smells. Seal that kind of food with plastic film etc.		
Refrigerator cools overly	Refrigerator cools overly. Food freeze.	"■■■■" is selected in the temperature setting.	Switch it to "■■■". (→Pg.22, 30)	
		The surrounding temperature is lower than 5°C.	When the ambient temperature is low, the inside of the refrigerator may cool overly. Switch the temperature setting to "■■■".	
		Is it placed in front of the Cold Air Blowout Port?	Do not place food in front of the cold air blowout port. A lid or plastic wrap can prevent freezing.	
Refrigerator becomes hot	The side of the refrigerator becomes hot. Hot air comes from the bottom of the refrigerator.	—————	Hot air may come from the bottom of the refrigerator to exhaust the heat generated when the cooling device operates. The temperature may rise to 50 – 60 °C immediately after installation or during summer. It does not pose safety or performance problems, but avoid touching it.	
Abnormal operating sound is generated	Annoying sound is generated by the refrigerator.	Does the floor bend?	Install a sturdy board with a thickness of 1 cm and then install the refrigerator. (→ Pg.8)	
		Does the refrigerator come in contact with the wall or furniture, etc.?	Install the refrigerator with clearance around it.	
		Is the refrigerator cooled down enough?	You may feel that the operation sound is loud because the compressor operates in high-speed under the following conditions: the refrigerator does not cool fully on the occasion such as using it for the first time, opening/closing the door frequently, the surrounding temperature is high.	
		Isn't "Quick" set?	When it is set to "Quick", operation sound of the compressor or the fan motor gets louder because of high-speed revolution.	
	Operation sound lasts long.	—————	As the compressor operates slowly for energy savings, you may hear an operating noise for a long time.	
	Operation sound sometimes becomes louder.	—————	The operating power varies in response to changes in the inside temperature of the refrigerator, and thus you may sometimes hear a large noise.	
	When other sounds such as shown in the right table are generated by the refrigerator.	Sound like water flowing (trickling) Sound like collision (tapping) Sound like water boiling (bubbling up) Sound like meat roasting (sizzling)		These sounds are caused when the refrigerant flows or water flows/ evaporates to remove frost. When the refrigerator door is opened, there may be also a noise coming from the inside. This is not malfunction.
		Sound like squeaking (cracking) (knocking)		It is the sound caused by the parts squeezed in change of the refrigerator temperature. This is not malfunction.
Sound like something is caught (clacking) Sound like roaring (honking) Sound caused immediately after closing the door (booming)			It is the sound caused by the electrical parts activating to control the temperature in the refrigerator. This is not malfunction.	
Sounds caused by the Automatic ice maker (zooming) (rattling) (clunking)			These sounds are made when ice is separated from the ice tray of the auto ice maker or water is supplied to the ice tray. This is not malfunction. To stop the sound, touch the  button to change it to "Off". (→ Pg.27)	
Sound occurs sometimes (clacking)			This sound is caused when the refrigerator starts or ends its cooling operation. This is not malfunction.	

TROUBLESHOOTING (CONTINUED)

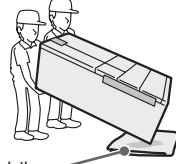
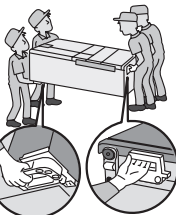

	When this happens	Check Item	Action and Reasons
Others	You feel electricity a little when touching the main body of the refrigerator.	_____	The refrigerator may be charged with static electricity, but there is no problem with the safety.
	Radio and/or television are disturbed by noises.	_____	It is caused by the electromagnetic radiation slightly generated from this refrigerator. Install the refrigerator away from the television, radio and interphone. It is recommended to connect the power plug to the power outlet separated from the antenna terminal.
	There are thin lines like scratches on the plastic parts.	_____	Those lines are caused by the liquid resin flowing when plastic is molded. They are especially conspicuous for the transparent parts, but there is no problem with the strength and they can never lead to any cracks.
	There are waving and/or distortions on the door surface, the side and the top surface of the refrigerator.	_____	Slight waving and/or distortions are generated in the manufacturing process of the refrigerator. They may be conspicuous according to the position of the light source and/or the brightness etc., which is not malfunction. There is no problem with the performance.
	There is a small hole inside the door.	_____	This hole is used to escape the air inside when filling the heat insulation material into the door during the production process. It is neither a flaw nor abnormal thing.  * Some products have an adhesive seal to conceal the hole. Please do not peel it off.
	The electric supply failed.	_____	Reduce the number of times of opening and closing the door and avoid storing food additionally until the electric supply is restored. Please check each setting on the panel for operation after the power comes back on.
	The refrigerator is not expected to use for a long term.	_____	Remove all the items in the refrigerator. Unplug the refrigerator to take care of the inside or the automatic ice maker. (→ Pg.35-37) Leave all the doors open to dry the refrigerator for 2 or 3 days.
	Remove frost.	_____	Any operation to remove frost is not required because this refrigerator remove frost automatically. Thawed water is collected in the evaporating tray and automatically evaporates.
	Transporting and moving care.	_____	See "Transporting your refrigerator (transport for moving)" (→ Pg.47)
	Glass is broken (door glass, glass shelf)	_____	Do not touch a broken glass, but contact your dealer for repair soon.
	When a door is shut, another is naturally opened.	_____	Did you shut the door too strongly? Compartments are connected each other by cool air paths therefore the wind pressure caused by shutting a door may open another door for just a moment.
	A door is heavy to open just after shutting it.	_____	Have you leave the door open long time? It is because that the air taken inside is cooled and its pressure reduces temporarily. Don't leave a door open long time. Open and shut it at each time.
	Bothered by vibration noise, discoloration and dirt on the back wall due to moisture.	_____	Keep it away from the back wall (2 cm or more). (→ Pg.8)
	When a midge fly, etc. enters in the refrigerator	Are there fruit flies around it? Is there any food with strong flavor in the refrigerator? Is the door left open for a long time?	Keep the environment clean. Put something a fruit fly hates or fruit fly traps or something like that. Cover food with the lid so that fruit flies can't be attracted by the flavor. Please close the door as soon as possible.

	When this happens	Action and Reasons
	Want to know whether the smartphone is corresponding to the application.	For the corresponding OS version, confirm via the website below. https://www.homeappliances.hitachi.com/global/app/ref/series01/index.html
	Want to use a tablet terminals.	The application does not correspond to a tablet terminal. (No operation guarantee)
	Want to use a mobile routers or the tethering.	Mobile router or tethering operation is not guaranteed. Some routers cannot be used even though corresponding to IEEE802.11b, IEEE802.11g, and IEEE802.11n (2.4 GHz only).
	Want to operate without using the application.	The application is required to use the "Control panel" function or "Notification" function.
Wireless LAN	Impossible to connect the unit and a smartphone to the wireless LAN.	The following environment is required to connect the unit and a smartphone to the wireless LAN. • Internet connection environment is required. • Wireless LAN router is required. • The wireless LAN router shall correspond to any of IEEE802.11b, IEEE802.11g, IEEE802.11n (2.4GHz). If not, it is impossible to connect by the wireless LAN function. In addition, it doesn't correspond to IEEE802.11n (5GHz) and IEEE802.11.ac.
		Make sure that power for the wireless LAN router is on. Refer to the instruction manual for the wireless LAN router and turn on the power.
		Make sure that the wireless LAN feature is set as "Yes". If it is set as "No", it cannot be connected to the wireless LAN. (→ Pg.14)
		Make sure that the wireless LAN router is not stealth mode / ANY key connection prohibited / SSID hidden. Release stealth mode and pair it. Refer to the instruction manual of the wireless LAN router on how to release the stealth mode.
		Make sure that the password is correct. If the password is wrong, it cannot be connected to the wireless LAN.
		While "WLAN" of the unit is blinking, it is under communication preparing and cannot be connected to the wireless LAN. Wait until it lights.
		It cannot be connected to the wireless LAN if "WLAN" of the unit lights off. (→ Pg.46) "WLAN" is lighting off
		If a microwave oven that uses the 2.4 GHz band or a device that uses Bluetooth, etc. is used near, the communication may be temporarily interrupted or delayed due to the influence of radio waves. If the above does not apply, turn off the smartphone and wireless LAN router, wait for a while, and then turn it on again.
Wireless LAN	The unit and the smartphone cannot be paired.	Connect a smartphone to the wireless router which is targeted to be connected to the unit.
		Pairing can be only set one by one. Don't set pairing with multiple smartphones at the same time.
		Make sure that the wireless LAN router is not stealth mode / ANY key connection prohibited / SSID hidden. Release stealth mode and pair it. Refer to the instruction manual of the wireless LAN router on how to release the stealth mode.
		While "WLAN" of the unit is blinking, it is under communication preparing and cannot be connected to the wireless LAN. Wait until it lights.
		Make sure that the wireless LAN feature is set as "Yes". If it is set as "No", it cannot be connected to the wireless LAN. (→ Pg.14)
		Make sure that the password is correct. If the password is wrong, it cannot be connected to the wireless LAN.
		If the unit and the wireless LAN router are far apart, radio waves may be weak. Move the wireless LAN router near to the unit, or use a relay device for the wireless LAN router.
		If a microwave oven that uses the 2.4 GHz band or a device that uses Bluetooth, etc. is used near, the communication may be temporarily interrupted or delayed due to the influence of radio waves. The wireless LAN router, corresponding to both of 2.4 GHz and 5 GHz, shall be connected to the 2.4 GHz SSID. Use the wireless LAN router corresponding to IEEE802.11b, IEEE802.11g, and IEEE802.11h (2.4 GHz only).

TROUBLESHOOTING (CONTINUED)

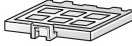
		When this happens	Action and Reasons
Wireless LAN		SSID or password for the wireless LAN router are unknown.	Refer to the instruction manual of the wireless LAN router. The password may be described as "Encryption Key" or "Security Key" etc. depending on the manufacturer or the model of the wireless LAN router.
		You want to use the applications without registering as a member.	Member registration is required to use the applications. Register by the relevant application.
		I want my family to login using the same login ID.	Only one person can login simultaneously with one login ID.
		Impossible to operate from the smartphone Operation cannot be accepted.	Immediately after the other user operates, the operation from the smartphone is not accepted. Wait a while and try again.
			Make sure that the smartphone is connected to the wireless LAN or mobile phone lines.
			If the unit is far from the wireless router, move the wireless router closer to the unit.
			While "WLAN" of the unit is blinking, wireless LAN connection cannot be established because communication is in progress. Wait until it lights up.
			Wireless LAN connection is not possible when "  " of the unit is off. (→ Refer to the below "  " is lighting off)
		Push notification cannot be reached.	While "WLAN" of the unit is blinking, the push notification cannot be reached because communication is in progress. So, wait for a while.
			Confirm that the notification of the application is set by "Setting" of the smartphone.
			Confirm that the notification is set by "Notification Setting" of the application. (→ Pg.18)
		Want to suspend the push notification.	Change the notification without setting by "Notification Setting" of the dedication application. (→ Pg.18)
		The operating status of the unit is different from the content of the push notification.	Depending on the status of the server and the communication status of the unit and smartphone, the operating status of the unit may be delay to be notified.
	The status indicated by the application is different from the operation of the unit.	Depending on the status of the server and the communication status of the unit and smartphone, the indication of the application may differ from the operation status of the unit.	
	"WLAN" is blinking.	It becomes communication preparing status immediately after power on for the unit, and "WLAN" blinks. Wait a while until it lights.	
	"  " is lighting off.	If the pairing setting is incomplete, "  " does not blink. Please do pairing setup. (→ Pg.12-14)	
		Make sure that power on for the wireless LAN router. Refer to the instruction manual of the wireless LAN router and turn on the power. Make sure that the wireless LAN feature is set as "Yes". If it is set as "No", it cannot be connected to the wireless LAN. (→ Pg.14)	
	Contents of the instruction manual differ from the operation of the unit and the application.	Contents of the description may differ due to unit software updating, the application updating, etc.	

Transporting your refrigerator (transport for moving)

- | | | | | |
|---|--|---|--|---|
| 1 | Take out foods or ice. | 7 | Place a sheet or cloth for protection first, and then lay it back to drain water. |  |
| 2 | Empty the water from the water supply container/ice tray. | | | Such as old cloth |
| 3 | Pull off the power plug.
No problem just before moving. | 8 | Make sure to hold the handles when carrying it with 2 persons or more. |  |
| 4 | Remove the leg covers, and raise the adjustable mounts. (→ Pg.8) | | Do not lay it down horizontally for transportation (which may cause failure of the refrigerator). |  |
| 5 | Use a tape to secure the door/power cord. | 9 | See “Preparation before use” for installing the refrigerator in a new location. (→ Pg.8, 9) | |
| 6 | Place a sheet or cloth for protection when moving / transporting it.
To prevent damage to the floor material or water from spilling out. | | | |

AVAILABLE PARTS

■ If you order any part listed below, specify the model of your refrigerator to a dealer for purchasing genuine parts.

Subject	Product Name	Model	Product Model	
Ice smells ● Water filter may be old and dirty (available about 3 or 4 years, as a guide)	Water filter for the automatic ice maker	Common for all models	RJK-30	

Triple Power Deodorizing Effect

A combination of 3 types of deodorizing materials leads to deodorize various odorous substances in the refrigerator including 4 major odors such as sulfur, nitrogen, aldehyde and oxidization odors.

ABOUT NON-CFC REFRIGERATORS/STORABLE WEIGHT

About non-CFC refrigerators

- Instead of CFCs, hydrocarbons are used in the coolants and insulation materials used in this refrigerator. Hydrocarbons do not damage the ozone layer, and they are environmental-friendly materials, having an exceptionally small affect on global warming.
- Hydrocarbons are flammable. The coolants are sealed in the coolant circuitry, and with normal operation they will not leak, but should the circuitry be damaged, refrain from using flames or other electrical products, and open windows for ventilation. After that, please contact the dealer or Hitachi customer service centre.

Storable weight

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

	Name of parts	R-KWC570K Type
Refrigerator compartment	Upper height-adjustable shelf	17.5 kg
	Middle height-adjustable shelf	17.5 kg
	Lower height-adjustable shelf and xed shelf	18.5 kg
	Shelf above the vacuum compartment	10.5 kg
	Vacuum compartment	4.5 kg
	Total for shelves on the right-side door	18.0 kg
	Total for shelves on the left-side door	12.5 kg
Ice compartment	Ice case → Pg.27	
Freezer compartment	Upper Freezer Case	1.6kg
	Lower Freezer Case	3.2kg
Upper Selectable Compartment	Upper Case	6.0kg
	Lower Case	18.0kg
Lower Selectable Compartment	Upper Case	6.0kg
	Lower Case	17.0kg

Severe warning signs for Disposal

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

AFTER-SALES SERVICE

Please contact the following Hitachi Service Centre if power cord is damaged or service is required.
If some malfunction occurs during operation, unplug the power plug immediately and contact the service centre to have the refrigerator repaired.

- Hong Kong
Arcelik Hitachi Home Appliances Sales Hong Kong Limited
18/F., Ever Gain Centre, 28 On Muk Street, Shatin,
N.T., Hong Kong, China
Tel : +852-2753-5386
Fax : +852-2753-0993
- Singapore
Arcelik Hitachi Home Appliances Sales (Singapore) Pte. Ltd.
438A Alexandra Road, #01-01/02/03,
Alexandra Technopark, Singapore 119967
Tel : +65-6536-2520
Fax : +65-6536-2521

