

東芝家庭雪櫃

僅供家庭使用

GR-RM424WE-PMA



- 非常感謝您購買東芝產品。
- 請閱讀本用戶手冊，並在使用前完全熟悉本產品，以便安全，正確地使用本產品。
- 請妥善保管本用戶手冊，以備將來參考之用。

常見使用問題

check!

為什麼不製冷?



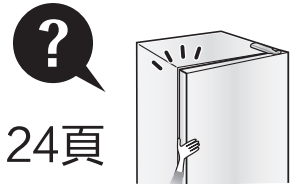
第22頁

控制面板
的使用方法



第8 ~ 9頁

為什麼門未能
緊合、有虛位?



第7、24頁

食品的儲存位置及溫度

接通電源，待雪櫃製冷後，再放入食品。

圖中的溫度值，是在試驗室環境下測得的數值。

(試驗室條件：環境溫度為32℃、溫度調節檔位「中」，未放入食品，關上雪櫃門，待溫度穩定時)

冷藏室(雪櫃內) 請參照第10頁

約2 ~ 6℃

已烹調的食品、冷藏小件物品、調味品等。



冷藏室(門上置物架) 請參照第10 ~ 11頁

約3 ~ 8℃

調味品、罐裝食品、軟管裝調味品、牛奶、啤酒、果汁等。



速冷冰鮮盒

請參照第10頁

約0 ~ 2℃

肉類、魚類、乳製品、加工食品、容易發酵或腐爛的食品等。



蛋架

請參照第11頁

雞蛋和冷藏小件物品等。



製冰盒

(自動製冰機)

請參照第13 ~ 14頁

可自動製冰。



蔬果室 請參照第12頁

約4 ~ 12℃

蔬果室滑動盒

蔬菜、水果等。



蔬果容器

蔬菜、水果、瓶類等。



冷凍室 請參照第12頁

約-19 ~ -21℃

冷凍食品、冰淇淋等。

● 快速冷凍在冷凍室進行。



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R600a

關於製冷劑及發泡隔熱材料


本雪櫃使用不破壞臭氧層並對地球溫室效應沒有影響的無氟利昂製冷劑（異丁烷）和無氟利昂發泡絕熱材料（環戊烷）。無氟利昂製冷劑是一種碳氫化合物，具有可燃性。它被密封在「製冷回路」裡面，在通常的使用過程中不會發生洩漏。萬一不小心使製冷回路受到損傷，請避免使用明火和電器用品，並打開窗戶換氣，然後與選購的經銷商取得聯系或致電服務熱線。


安全注意事項

請必須遵守。

為了防止對用戶或他人造成傷害或財產損失，並且讓用戶能夠更安全正確地使用本產品，此說明書裏記載了有關安全使用方面的重要內容。請充分理解下列內容（標示、圖示符號）後閱讀正文，並遵守記載事項。


標示符號的說明


 **警告** 表示錯誤操作時，有可能造成死亡或重傷。


 **注意** 表示錯誤操作時，有可能造成輕傷或物品損壞。

*重傷是指因失明、燒傷、燙傷、凍傷（高溫、低溫）、觸電、骨折、中毒等留下後遺病徵的以及需要住院或長期去醫院接受治療的人身傷害。
*輕傷是指無需為了治療而住院或長期去醫院看病的負傷、燙傷或觸電等。
*物品損壞是指對家庭財產、飼養的動物或寵物造成的長期傷害。

圖示符號的說明

 具體的禁止內容標示在圖示符號中或在其附近用圖畫或文字說明。

 具體的強制內容標示在圖示符號中或在其附近用圖畫或文字說明。

 具體的注意內容標示在圖示符號中或在其附近用圖畫或文字說明。

警告

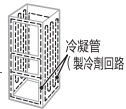
有關設置



禁止

● 切勿使背面或側面等部分的製冷回路受損。受損時，製冷劑可能出現洩漏，導致起火、爆炸。受損時，請不要觸摸雪櫃，按照以下有關事項處理，並和選購的經銷商聯繫或致電服務熱線。

1. 打開窗戶，更換室內空氣。
（請不要使用排氣扇）
2. 請不要使用明火或電器。



● 請勿置於發熱電器的附近
可能導致故障和火災。

● 請勿置於油煙和灰塵多的環境裏
可能導致故障或火災、觸電。



禁止濕氣

● 不要放置在潮濕的地方或易濺水的地方
可能造成火災或觸電。



強制

● 採取必要措施，防止地震或受到其他外力時雪櫃翻倒
因雪櫃翻倒，可能造成受傷。



● 雪櫃的周圍應保留一定空間
請參照第6頁



製冷劑洩漏時，可能在空氣中滯留導致起火、爆炸。



請務必
接上地綫

● 在濕氣較重、或有水氣的地方使用時，
請裝上地綫以及防漏電裝置。
否則一旦漏電，將可能有引起火災或觸電。

有關電源插頭/電源綫

如不遵守下述事項，將有可能引起火災或觸電。
電源插頭和電綫的修理請致電服務熱線。



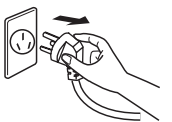
強制

- 請單獨使用220V的交流電源插座
- 插入電源插頭時應使電綫朝下，且完全插入插座中
- 定期清除電源插頭的灰塵



強制

● 從電源插座拔出插頭時，
請拿住插頭拔出



強制

● 保養時或長期不用時，
請將電源插頭從插座中拔出



禁止濕手

● 請勿用濕手拔出、
插入電源插頭



禁止

- 請勿使用損壞的電源綫和電源插頭、
插入插座時感到鬆弛時請勿使用
- 請勿損傷、捆綁、彎折、用重物壓或
用雪櫃背面擠壓電源插頭及電綫

異常時



強制

● 發生異常或故障時，請拔出電源插頭，停止使用
可能引起火災、觸電、受傷、燙傷。

需修理時請聯繫經銷商或致電服務熱線。維修工作必須由受過訓練的技師在工場進行。

《異常·故障的情況》
· 電源綫、電源插頭異常發熱時
· 電源綫有嚴重刮痕或變形時
· 聞到燒焦氣味時
· 雪櫃地面經常積水時
· 有輕微觸電感時



● 可燃氣體（液化石油氣、天然氣等）洩漏時，請勿觸摸雪櫃或電源插頭，應首先通風換氣
否則，電器連接點的火花可能導致起火爆炸，引起火災、受傷、燒傷。

警告

有關使用



禁止

- 請勿儲存易燃物品
- 請勿在附近使用可燃性噴霧劑
否則可能起火，造成火災。
- 請勿將醫藥品或學術樣本放入雪櫃
家用雪櫃不能保存對溫度管理有嚴格要求的物品。且除食品以外的物品可能會導致雪櫃部件的損壞或故障。
- 請勿食用有異味或變色的食品
可能會食物中毒或生病。
- 請勿攀吊於門上或坐在門上
可能造成雪櫃翻倒、門掉下、手被夾住而受傷。

- 請勿在雪櫃頂部放置物品
物品掉落會造成受傷，如放置裝有液體的容器，濺出的液體將可能影響到電氣絕緣效果，可能會造成火災、觸電。



- 請勿在雪櫃內使用電器產品
製冷劑洩漏時，可能造成火災、爆炸事故。
- 請勿碰撞玻璃層架等
造成裂痕和缺口時，可能引起受傷。當出現裂痕和缺口時，請不要觸碰並請立即聯絡經銷商或致電服務熱線。
- 小孩子應在看管下妥善使用冷藏櫃



禁止接觸

- 請勿用手觸摸自動製冰機的製冰部分（製冰盒上側）
否則製冰盤轉動時，可能造成受傷。



禁止沖洗

- 請勿沖洗雪櫃的內部和外部
否則可能降低電器絕緣性，造成火災或觸電。



禁止拆卸

- 請勿自行拆卸、改裝、修理
- 請勿打開雪櫃背面的後蓋
否則可能引起火災、觸電、受傷、燙傷。並且，如果損傷製冷回路，可能造成火災、爆炸事故。需修理時，請與選購的經銷商聯系或致電服務熱線。

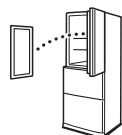


報廢時



強制

- 雪櫃報廢時，請交給經銷商或專門的報廢機構
若隨意報廢，製冷劑、發泡層材料誤接觸火源，可能引起火災或爆炸。
- 報廢時請拆下門封
否則可能有幼兒被關在裡面，引起事故。



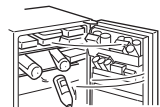
注意

有關使用



禁止

- 請勿讓食品超出置物架
- 請勿將放不到底的瓶類物品放在雙瓶置物架的前排
否則瓶類物品可能會掉下來，造成損壞。



- 請勿將瓶類物品放入冷凍室
否則瓶類物品可能凍結裂開，造成損壞。



禁止濕手

- 請勿用濕手觸摸冷凍室的食物和容器（金屬件）
因為低溫可能造成凍傷。



禁止接觸

- 請勿將手腳伸入雪櫃的底部
否則可能因鐵板等造成受傷。



強制

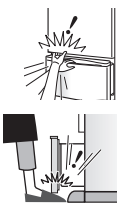
- 玻璃層架和冰鮮盒頂板必須用雙手取放
否則掉落可能會碎裂，引起受傷。

門開關注意事項



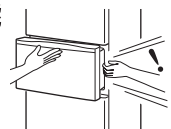
禁止

- 請勿強力關門
否則食物跌落可能導致受傷。
- 請勿在抓住冷藏室門把手的同時開關蔬果室門
- 請勿將手指伸入冷藏室門的側面
- 請勿將腳靠近冷凍室的門
否則腳可能被門的縫隙夾到而導致受傷。



強制

- 關閉雪櫃門時，應抓握好把手
若抓住把手的上邊，手指可能被夾住。
- 在開關門或有他人和雪櫃接觸時，請確認手指是否可能被門夾住
可能造成受傷。

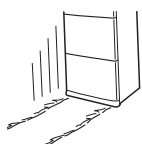


搬運、移動時注意事項



禁止

- 在易損傷的地板上請勿使用雪櫃下的腳輪
否則可能損傷地板。
移動時，請鋪上墊或保護板等。



強制

- 搬運時請使用前面下側和背面上的搬運用把手 **請參照第26頁**
否則可能因手打滑而造成受傷。
- 安裝在平穩堅固的地板上
安裝在不穩定的地方易翻倒，從而造成受傷。

安裝方法

1 安裝



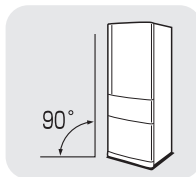
安裝場所的選擇方法

遠離熱源和陽光直射的地方

- 可避免制冷能力下降，節省電費。

請放在平整、乾燥、通風較好的地方

- 否則可能引起振動（噪音）和櫃門高低不齊。
如地面是木地板或鋪有地毯等時，請鋪上較堅固的木板。
（避免雪櫃重量引起地面變形以及雪櫃底部的熱量引起變色）。



周圍留有散熱空間

- 可避免冷制能力下降，節省電費。
且可避免產生振動聲以及牆壁變色等情況。
須確保產品外圍或嵌入結構的通風位置沒有阻礙物。

注意

- 請將電話、對講機、收音機和電視機等設備盡可能遠離雪櫃，避免出現雜音或影像素亂的現象。

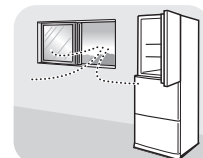
保養

擦拭雪櫃內部

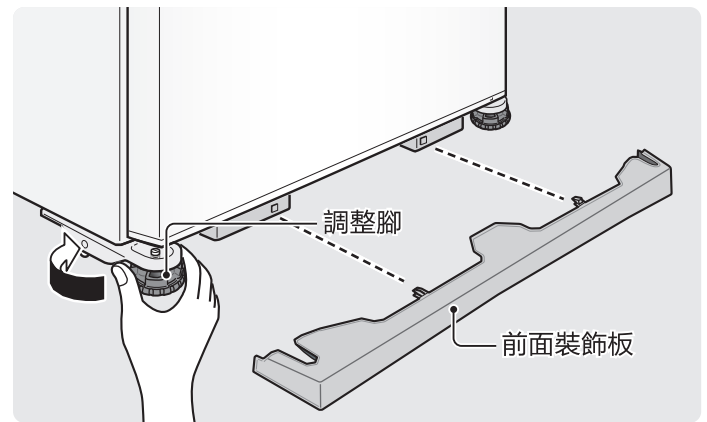
- 爲了便于使用，雪櫃內的食物存放容器及導軌等部位塗有符合日本食品衛生法的潤滑劑。

如潤滑劑不小心沾到存放容器或導軌以外的部位時，請用柔軟的濕布擦拭幹淨。

剛開始使用時，可能會有塑膠味。請保持室內通風，消散異味。



2 固定



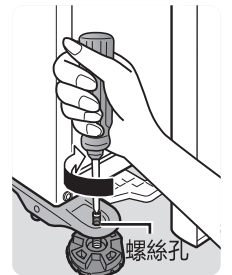
1 調節調整腳

- 請按箭頭方向旋轉左右兩邊的調整腳，使調整腳觸及到地面，不要讓雪櫃晃動。

當調整腳無法用手轉動時

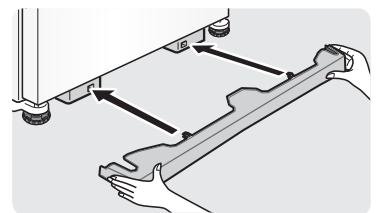
- 請打開冷凍室門，用螺絲刀等工具轉動調整腳螺絲。

如過度轉動調整腳螺絲，可能會掉出螺絲孔外。



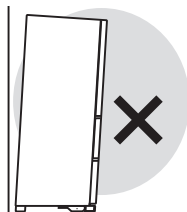
如轉動調整腳仍不能調平雪櫃的話，請在雪櫃下面墊上墊板。

2 按指定位置安裝前面裝飾板



注意

- 雪櫃要水平固定，以免向前傾斜導致門不能完全關閉。



做好防震措施

爲了防止雪櫃翻倒，建議用鏈條或皮帶穿過箱體背面上方的左右把手，將雪櫃固定在堅固的牆壁或柱子上。

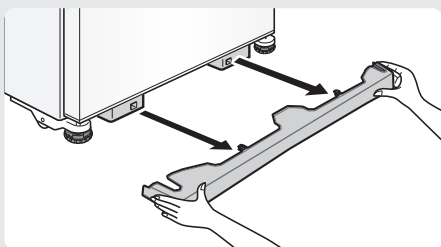


3 調整

- 雪櫃門會因為地板的狀態以及食品的重量，在數日後出現門下降的情況。此時請再次調整門的平行度。

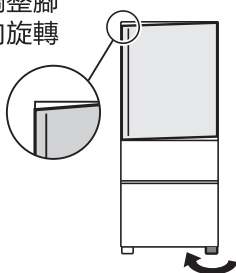


1 取下前面裝飾板



2 調整門的平行度

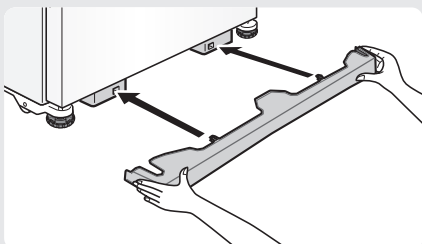
將右側的調整腳
按箭頭方向旋轉



當調整腳無法用手轉動時

請參照第6頁

3 按指定位置安裝前面裝飾板



4 插入電源

食品請在放涼後再放入雪櫃。
制冰會在雪櫃冷卻下來以後才開始。



1 請將電源插頭插入電源插座 (請使用220V交流的獨立電源插座)

2 請確認是否處於示範模式

- 處於示範模式時，制冷系統是不運轉的。
請解除示範模式。請參照第8頁

接地方法

為了防止觸電事故，
必須採取接地的安全措施。

安裝在水氣或濕氣多的位置時

請務必連接好地線。

特別是雪櫃安裝在水氣或濕氣較多的位置時，
除了需要連接地線外，還需安裝防漏電裝置。

控制面板的功能

控制面板在冷藏室內。



溫度調節

一般情況下，請調節至「中」檔使用（強和弱的中央）。

冷藏室溫度調節檔位	
強	比「中」低 2 ~ 3℃。
中（強和弱的中央）	約 2 ~ 6℃。
弱	比「中」高 2 ~ 3℃。

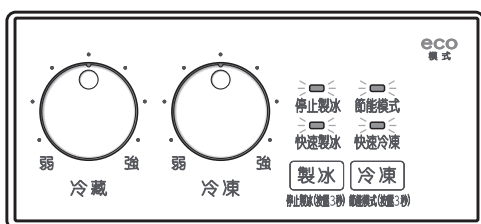
冷凍室溫度調節檔位	
強	比「中」低 4 ~ 5℃。
中（強和弱的中央）	約 -19 ~ -21℃。
弱	比「中」高 4 ~ 5℃。

- 上表溫度值是在環境溫度為 32℃，溫度調節檔位為「中」，未放入食品，關上雪櫃門，溫度穩定時測得的數值。
- 調節冷藏室的溫度時，速冷冰鮮盒和蔬果室的溫度也會一起變化。

提示 ● 當處於節能模式時，即使調節為「中」或「強」，溫度設定依然比「中」高 1 ~ 2℃。當製冷不足時，請解除省電模式。 **請參照第9頁**

示範模式

處於示範模式時，控制面板全部亮燈。且此時雪櫃不製冷。



打開冷藏室門，

製冰 和 **冷凍** 同時按下3秒，

（直到發出嗶 ~ 的提示音）

▶ 當控制面板全部滅燈時，表示示範模式被解除。

關門提示

冷藏室、冷凍室的任何一個門打開時間超過1分鐘以上時，響起提示音（如下表）。

門打開的時間	提示音
1分鐘、2分鐘後	發出7次提示音
3分鐘後	連續發出提示音

關好門，提示音就會停止。

提示

- 門打開一點時，不會發出提示音。（如食物塞得過滿，或食品袋子被夾住時等情況。）

節能模式

設定為節能模式時，約可以省電10%*。

冷藏室門和冷凍室門在24小時以上都沒有開閉時，將自動切換成省電20%的模式。

- 以對食品沒有影響的溫度運行。（冷藏室和冷凍室的溫度約高1~2℃）
（此數值是在環境溫度為32℃，溫度調節檔位為「中」，未放入食品，關上雪櫃門，溫度穩定時測得的數值。）
- 處於自動省電約20%的模式時，只要打開冷藏室、冷凍室的任一個門，就會自動切換成省電10%的模式。
- 以下情況時，省電效果可能會有所變化。
 - 設定為快速製冰・快速冷凍功能時
 - 周圍溫度、門開關頻度、溫度調節檔位、食品存放量不同時
- 設定為節能模式時，製冰時間可能會延長，製冰次數也會變少。

設定方法

關上冷凍室門，

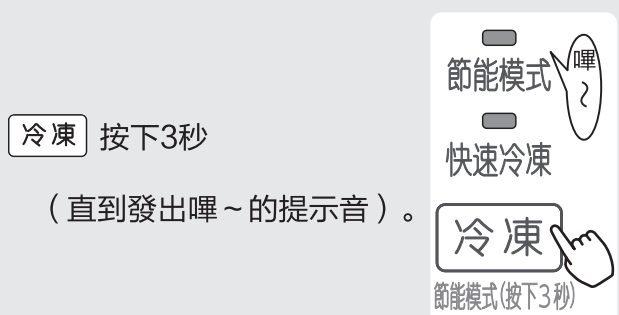


「冷凍」按下3秒（直到發出嗶嗶嗶的提示音）。

「節能模式」燈亮，開始使用省電模式功能。

解除方法

關上冷凍室門，



（直到發出嗶~的提示音）。

「節能模式」燈滅，解除省電模式功能。

提示

- 當處於節能模式時，即使調節為「中」或「強」，溫度設定依然比「中」高1~2℃。當製冷不足時，請解除節能模式。

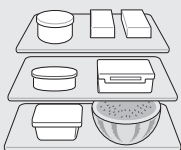
* 此為一般運行模式和省電模式的對比值。此為本公司環境實驗室的實驗條件下的測量結果。實驗條件：環境溫度為32℃時，設定為冷藏室「中」、冷凍室「中」，門無開關，製冰功能正常運行。根據使用環境不同，測量值也會不同。省電模式效果的測量條件和IEC 62552:2007的測量基準不一樣。

省電技巧

靈活使用節能模式功能

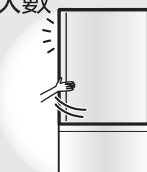
● 不要過於擠擁

食物存放過於擠擁，會使冷空氣循環不良。



● 盡量減少開關門次數

過於頻繁開關門，會使冷空氣泄漏，雪櫃內溫度升高。

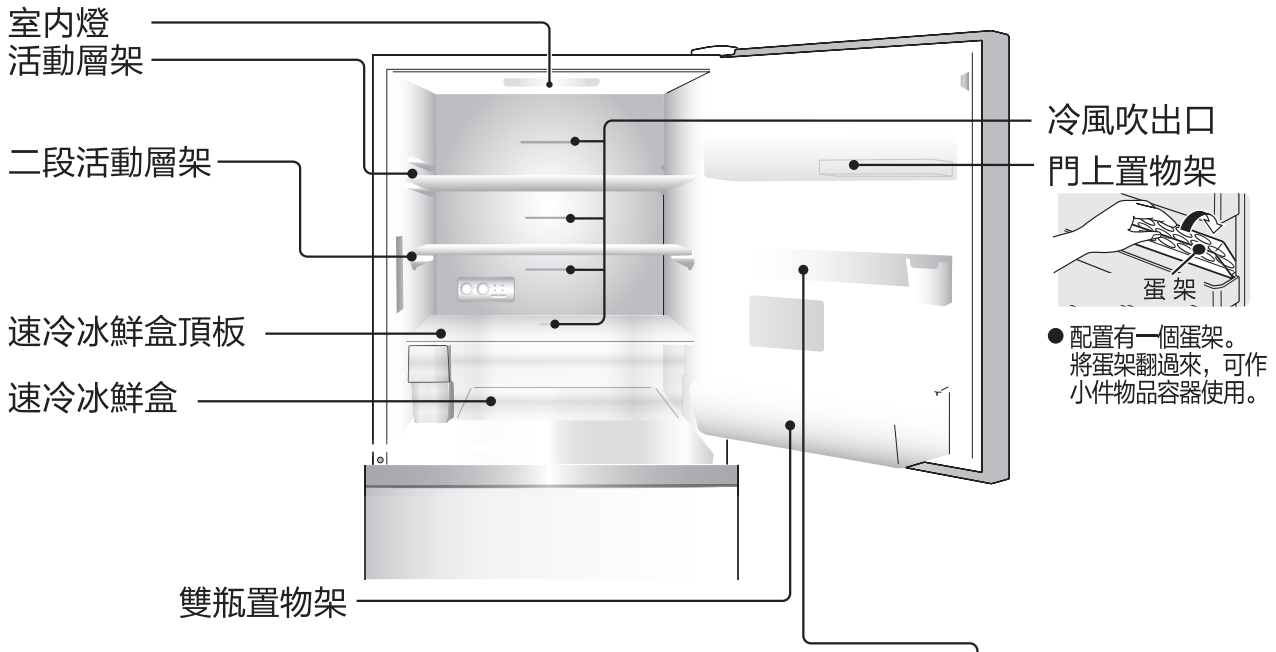


● 冷卻後再存放

熱飯熱菜待冷卻後再存放，以防雪櫃內溫度升高。



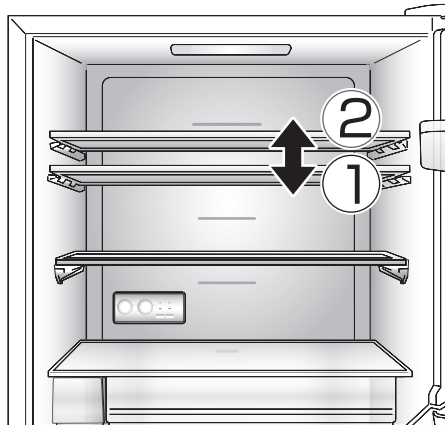
冷藏室



活動層架

- 活動層架可根據食物高度進行兩層調節。

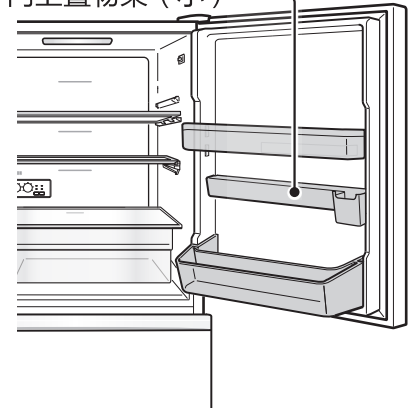
(拆裝方式) 請參照第18頁



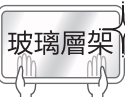
拆裝方式

請參照第18頁

門上置物架 (小)



二段活動層架

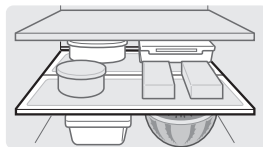


玻璃層架較重，必須用雙手取放！

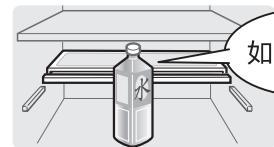
- 根據食物大小可將前段層架收起。

(拆裝方式) 請參照第17頁

1 作為普通層架。



2 提起前段層架的前側往裡推，可收起前段層架



如塑料瓶等

注意

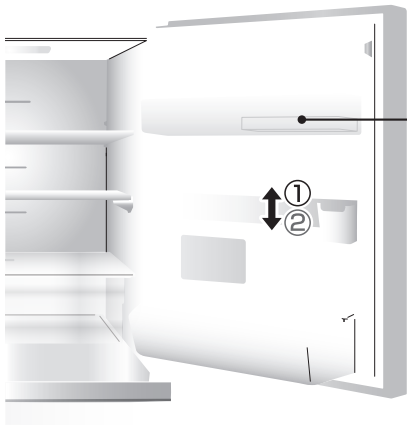
- 水分多的食品及雞蛋、飲料等放置在冷風吹出口前面時，容易結凍。請放在層架靠前的位置。(特別是碳酸飲料，結凍後可能會破裂)

提示

- 冷藏室門開啓10分鐘以上，室內燈會自動熄滅。

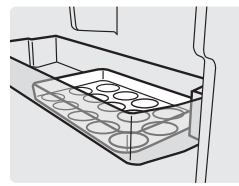
門上置物架・蛋架的使用方法

(拆裝方式) 請參照第18頁

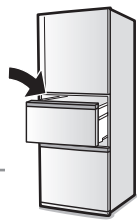


門上置物架

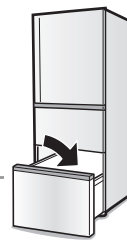
- 將蛋架翻過來，可作小件物品容器使用



蔬果室



冷凍室



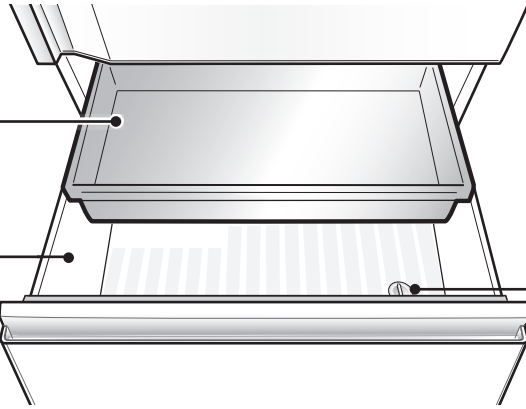
蔬果室

蔬果室滑動盒

可存放小型水果、蔬菜

蔬果容器

可存放大型及中型水果、蔬菜

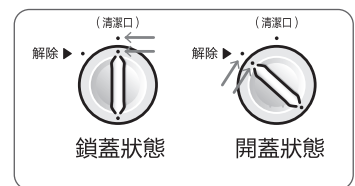


拆裝方式

請參照第18頁

清潔口蓋

位於蔬果容器底部。便於清潔容器內的碎葉等垃圾。

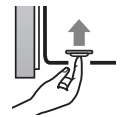


提示

- 蔬果室門即使沒有完全關閉，也不會響起關門提示音。

請參照第9頁

當蓋子無法取出時，可以打開蔬果室，將手伸進蔬果容器下方，用手將蓋子頂出。



※清理完垃圾後，請務必將蓋子復位鎖好，否則會造成蔬果室內的水分流失。

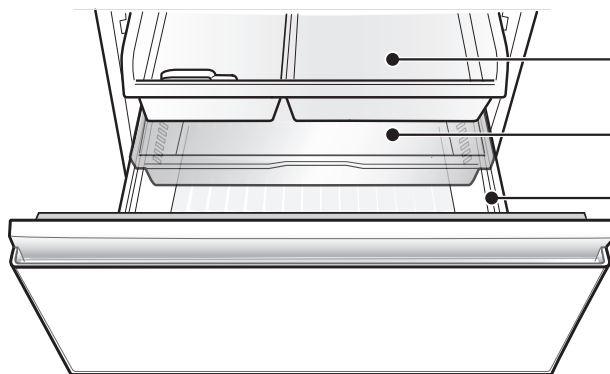
冷凍室

快速冷凍的使用方法

請參照第15頁

拆裝方式

請參照第18頁



冷凍室上層滑動盒

冷凍室下層滑動盒

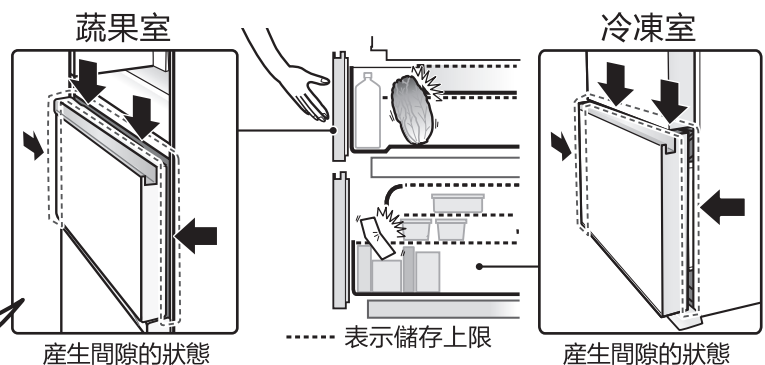
冷凍儲存容器

注意

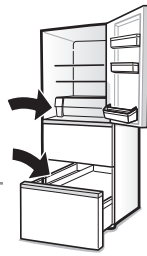
- 請勿讓容器或儲存盒中存放的食物量超出右圖所示的貯存上限位置。

否則，由於門無法完全關閉，導致門封產生間隙，不僅會降低制冷性能，引起凝露或結霜，還可能會造成部件的損壞。

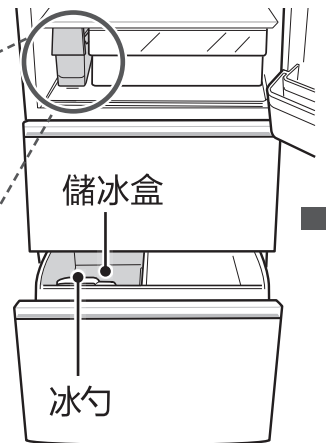
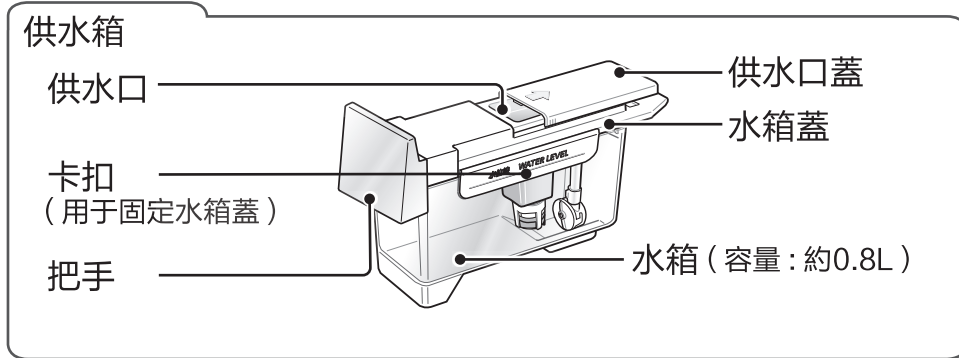
食物超出儲存上限會導致門無法完全關閉。
(產生間隙)



自動製冰機



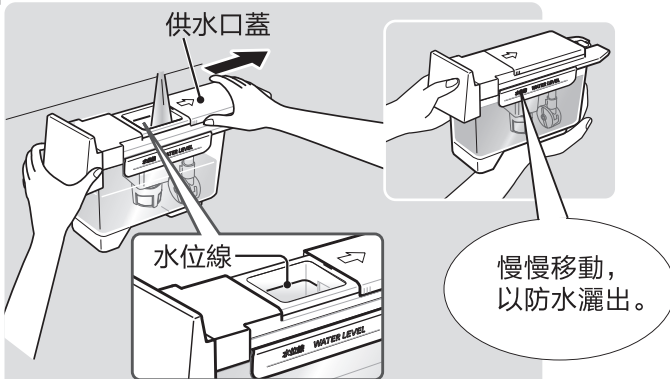
製冰盤有實施抗菌處理。*



使用方法

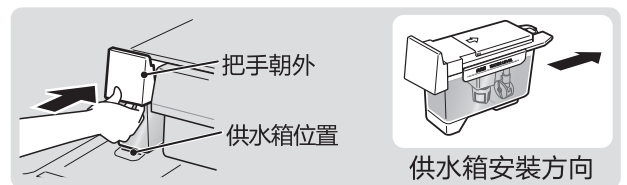
製冰前

1 打開供水口蓋，加水至「水位線」位置。



如果加水量超過「水位線」位置，在安裝供水箱時，水容易潑灑出來。

2 將供水箱推到「供水箱位置」
不推到規定位置，將無法製冰或無法關門。



快速製冰 (快速製冰)

設定方法

按下1次 **製冰**

▶ 「快速製冰」燈亮，開始快速製冰。

約8小時後，自動結束。(快速製冰燈滅)



中途停止時

重複按下 **製冰**，直到快速製冰燈滅。

▶ 響起「嗶」提示音，「快速製冰」燈滅。

提示 ● 當供水箱沒有水或儲冰盒的冰塊已滿時，不能進行快速製冰。

不使用製冰功能時 (停止製冰)

設定方法

關上冷凍室門，
按下3秒 **製冰**，
(直到響起嗶嗶嗶的提示音)

▶ 「停止製冰」燈亮，製冰停止。



● 當設定為停止製冰時，殘留在製冰盤中的冰或水完成製冰後，會落入儲冰盒中，並停止製冰。

解除方法

關上冷凍室門，
按下3秒 **製冰**，(直到響起嗶~的提示音)

▶ 「停止製冰」燈滅，開始製冰。

自動製冰機 ...續

注意事項



製冰前/製冰用水

- 使用前，請務必先用水清洗供水箱。
- 推薦用戶使用純淨水。

使用礦泉水製冰時，請使用
硬度100mg/L以下的礦泉水。

硬度
100mg/L
以下



- 請勿放入60°C以上的熱水或果汁等清水以外的液體，否則將會造成故障。
- 請倒掉第一次製出的冰塊（約30個）。初次製出的冰塊可能有異味或污垢。



製冰時間及儲冰量

● 製冰時間	一般製冰	約 2 小時 / 次
	快速製冰	約 1 小時 / 次

（環境為20°C，不開關門的情況下）

● 儲冰量	將冰塊攤平持續製冰時	約 150 個
	冰塊堆積在局部區域時或製冰室門沒有關閉時	約 50 ~ 100 個

- 在一般製冰模式下，1次可以製出約10個冰塊。根據雪櫃的運行狀態不同，製冰時間有可能會延長。

以下情況時，製冰時間可能會延長

- 剛開始使用時，冷凍室尚未充分冷卻的情況下。特別是夏季等環境溫度較高時，甚至可能需要1天以上。
- 雪櫃門開關次數較多時，或是一次放入大量食物時。
- 冬天等室溫較低時，或是夏季等非常炎熱時。
- 雪櫃周圍的空隙過窄時。 **請參照第6頁**

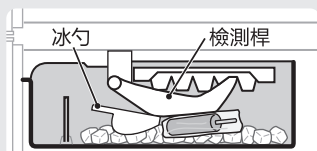
環境溫度較高時，製冰
時間可能需要1天以上。



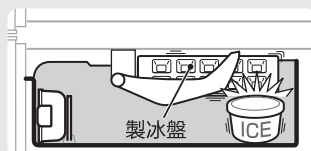
製冰時的注意事項

檢測桿碰到冰塊前會持續製冰。

供水箱內有水的情況下無法製冰，可能是發生以下情況

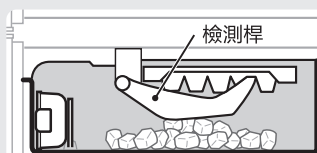


存放有冰塊以外的物品，
碰到了檢測桿



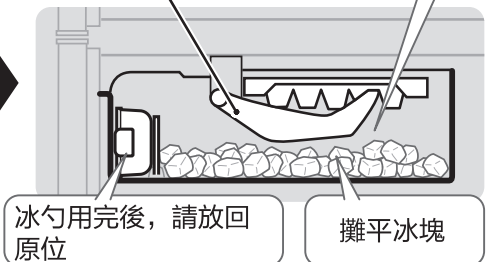
存放有冰塊以外的物品，導致
製冰盤翻轉時碰撞或製冰停止

製冰量少，可能是發生以下情況



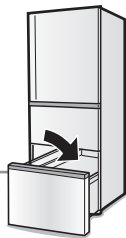
部分冰塊堆積在局部區域時，
可能會使冰塊過早碰到檢測
桿，導致製冰不足就停止製
冰的情況發生。

請勿放入冰塊以外的
其它物品



- 當不製冰時也請勿將冰塊以外的物品放置在儲冰盒內。否則再次啓用製冰功能時，物品等可能碰到檢測桿，導致故障或不能製冰等。

快速冷凍



快速冷凍食品。

冷凍食品時的注意事項

- 請選用鮮度較好的食品。
- 為防止食品乾燥，請使用保鮮膜或密封容器、密封袋等存放食品。
- 已被解凍的食品，請全部用完，否則會變味或口感變差。



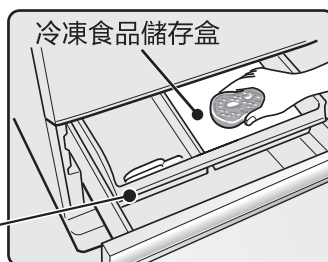
1 準備

在冷凍室進行。

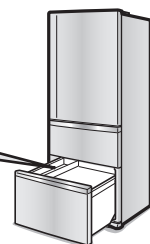
- 請將密封的食品放在冷凍室上層滑動盒的冷凍食品儲存盒中。

當打開冷凍室時是看不到冷凍室上層滑動盒的，請將冷凍室上層滑動盒抽拉出來。

冷凍室上層滑動盒



冷凍室



2 設定

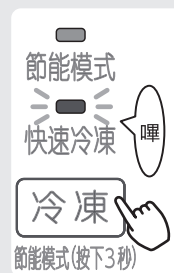
設定方法

按下1次 **冷凍**



「快速冷凍」燈亮，開始快速冷凍。

約150分鐘後，自動結束。（「快速冷凍」燈滅）



中途停止時

重複按下 **冷凍**



響起「嗶~」的提示音，
「快速冷凍」燈滅。

直到「快速冷凍」燈滅。



警告



清潔時，請拔出電源插頭

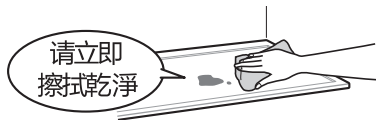
拔出插頭



禁止拆卸

請勿自行拆卸、改裝、修理

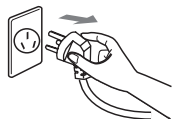
- 平時如有污迹，請立即擦拭乾淨



看不見的地方也請進行1~2次/年的清潔。

清潔步驟

1 拔出電源插頭



2 請用柔軟的布沾溫水擦拭

- 使用廚房用中性洗滌劑時，請務必稀釋後使用。
- 使用洗滌劑後，請務必沾水擦掉洗滌劑，再用乾布擦拭。

注意

- 塑料部件、玻璃層架、玻璃門等位置上如沾到油或果汁時，請立即擦拭乾淨。
(否則，可能會導致這些部件破裂或變色)

- 請勿使用以下物品：



鹼性和弱鹼性的廚房用清潔劑、玻璃清潔劑
(可能導致塑料部品開裂、玻璃層架損壞)



酒精、汽油、天那水、酸、研磨粉、洗衣粉、鋼刷、熱水等



(可能導致塗裝面和塑料部品、玻璃層架損壞)

清潔後的檢查

清潔後請對電源線及電源插頭進行以下檢查，以防發生觸電或火災等。

電源線損傷、插頭髮熱、插頭鬆動



有灰塵時，請用乾布擦拭乾淨



門封

濕布擦拭

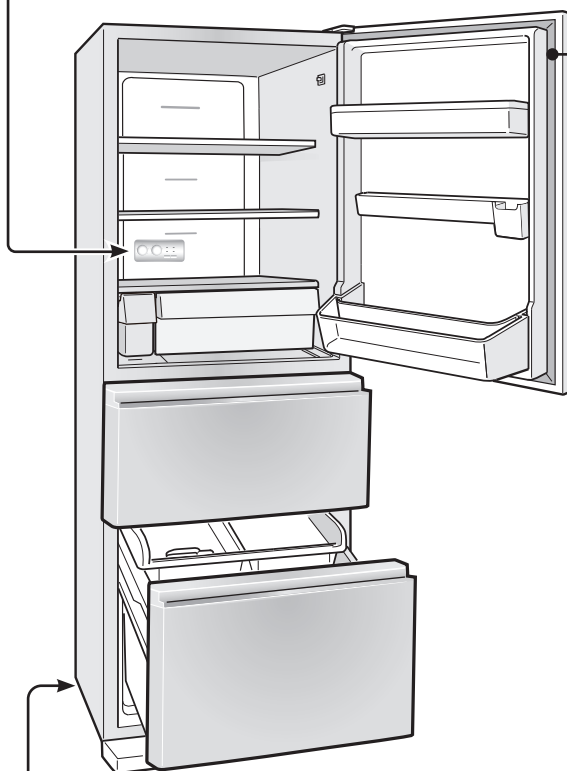
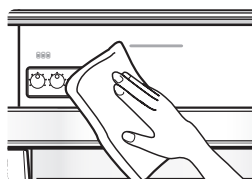
弄髒後容易損壞，會引起冷氣洩露。



控制面板

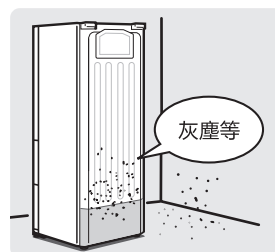
乾布擦拭

- 請用柔軟乾布擦拭。
清潔後，請確認溫度檔位等是否有改變。



雪櫃背面和地板

- 拉出雪櫃，打掃灰塵。
- 清潔雪櫃背面、牆壁和地面。



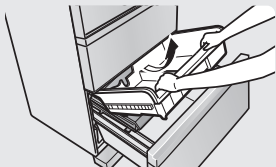
清潔保養 ...續

冷凍室滑動盒、冷凍儲存容器

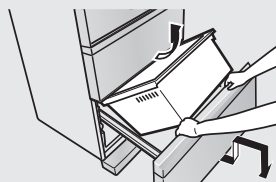
水洗

拆卸方式

- 1 將門拉出到最大限度，取出冷凍室上層滑動盒、下層滑動盒



- 2 將門向上抬起的同時繼續拉出，直到門碰到地為止，取出冷凍儲存容器

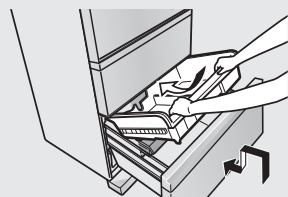


安裝方式

- 1 將門拉出到最大限度，將門向上抬起的同時繼續拉出，直到門碰到地為止，將冷凍儲存容器的凸起插到導軌的孔內並安裝到位。



- 2 安裝冷凍室下層滑動盒、上層滑動盒，微抬高門以後可關上門。



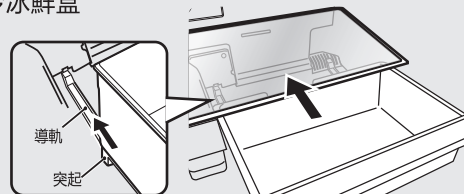
速冷冰鮮盒 水洗

拆卸方式

將速冷冰鮮盒拉出到最大限度，稍往上提起後取出

安裝方式

沿導軌裝入速冷冰鮮盒並推到最裡面



二段活動層架 水洗

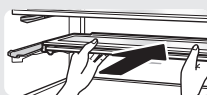
玻璃層架

玻璃制品較重，必須用雙手取放。

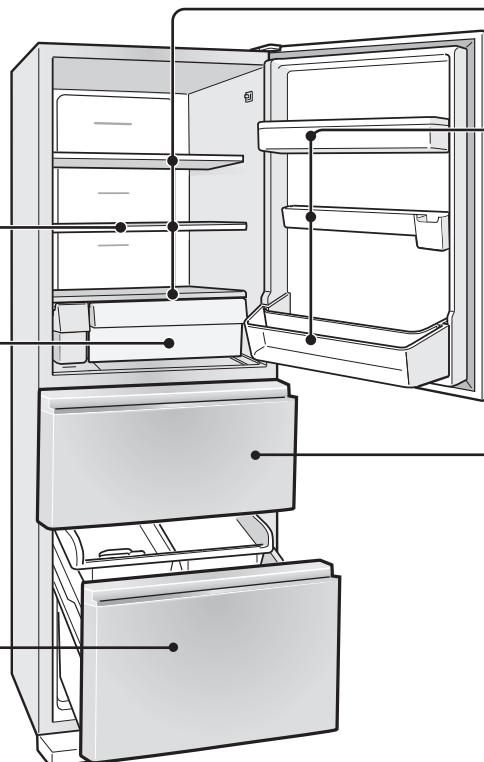
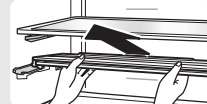
拆卸方式

·安裝方式和拆卸方式相反。

- 1 收起層架



- 2 斜向上拉起取出



活動層架

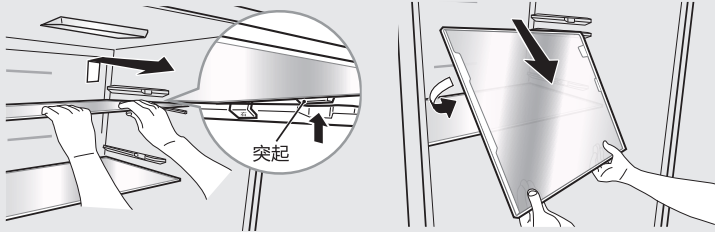
水洗

玻璃層架

玻璃制品較重，
必須用雙手取放。

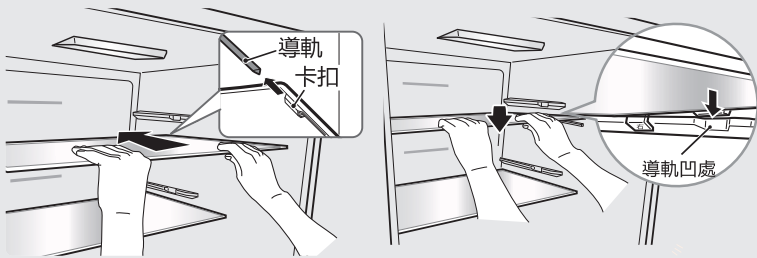
拆卸方式

- 1 雙手拿住活動層架，向跟前拉出
- 2 斜向下側翻轉取出層架



安裝方式

- 1 雙手拿住活動層架，層架導軌對準冷藏室的導軌裝入
- 2 雙手稍微將其抬起，將層架的凸起扣入到導軌的槽中



速冷冰鮮盒頂板

水洗

玻璃層架

玻璃制品較重，
必須用雙手取放。

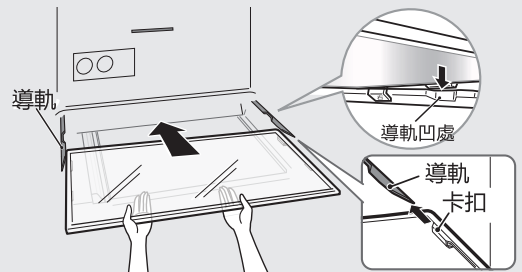
先拆下速冷冰鮮盒和供水箱。

拆卸方式

雙手拿住並稍往上抬起速冷冰鮮盒頂板以後將其往前拉出

安裝方式

雙手拿住速冷冰鮮盒頂板，將速冷冰鮮盒頂板卡扣對準冷藏室導軌裝入，頂板上的突起需安裝到冷藏室導軌凹處



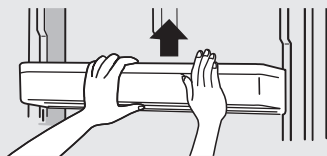
請確認安裝方向以後再安裝。
(卡扣背面有標識左右。)

門上置物架、門上置物架(小)、雙瓶置物架

拆卸方式

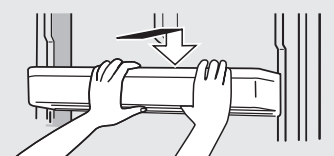
從下面交替地向上頂出置物架，取出置物架

- 置物架安裝得較牢固。



安裝方式

將置物架水平放入，再按下去即可。



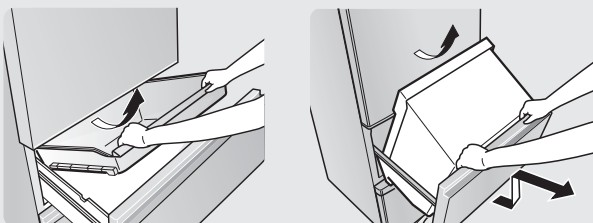
蔬果室滑動盒、蔬果容器

水洗

拆卸方式

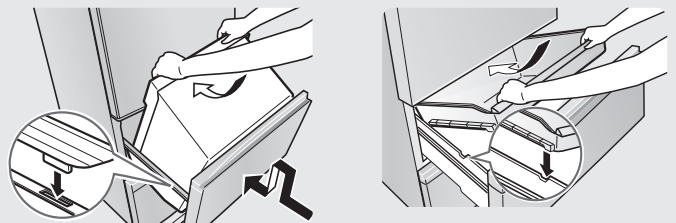
- 1 將門拉出到最大限度，取出蔬果室滑動盒。
- 2 將門稍往上提再拉出，取出蔬果容器。

將門提起過高的話會導致門脫落。



安裝方式

- 1 將門拉出到最大限度後往上提再拉出，將蔬果容器上的突起插到導軌的孔內並安裝到位。
- 2 將門拉出到最大限度，安裝蔬果室滑動盒並往裏推。



自動製冰機的保養

警告



禁止拆卸

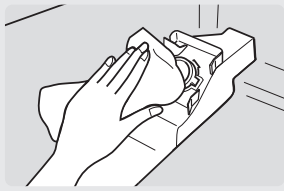
請勿自行拆卸、改裝、修理



禁止接觸

請勿用手觸摸自動製冰機的製冰部分（儲冰盒上側）

請務必使用柔軟的濕布或海綿清潔，需清洗的部件必須用清水清洗。（防止滋生霉菌、水銹等）



請勿使用以下物品：

- 洗滌劑、漂白劑、研磨粉、刷子、稀釋劑、汽油等（否則，可能導致異味或故障）
- 熱水（各部件的耐熱溫度為60℃）



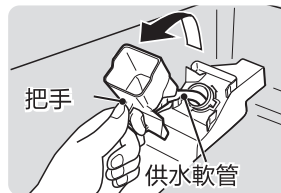
供水管路

接水盒

1~2次/年

拆卸方式

先取出供水箱，再抓住接水盒的把手將接水盒取出。

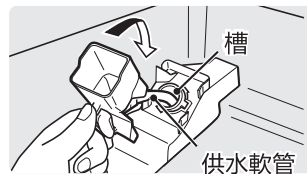


- 用柔軟的濕布擦拭接水盒的安裝槽處（雪櫃上）



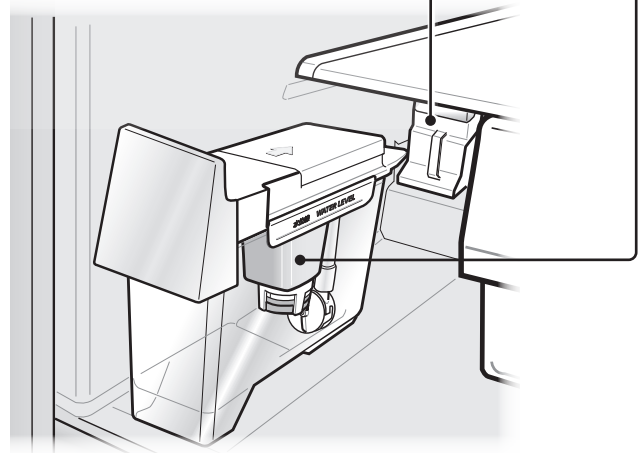
安裝方式

將供水軟管牢固地插到供水箱的槽中。



注意

- 請勿用水或其它清洗劑噴灑衝洗槽處，否則會導致製冰機故障。
- 請勿將供水軟管從接水盒上拆下，否則容易造成漏水。



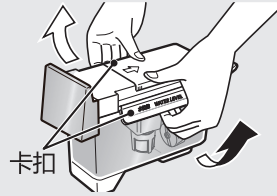
供水箱

水箱、水箱蓋

1次/周

拆卸方式

將卡扣向上掰開，拆下水箱蓋。

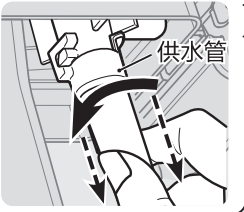


供水管、供水泵

1次/月

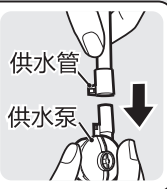
拆卸方式

1 按箭頭方向旋轉
拆下供水管



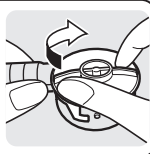
2

將供水泵
從供水管拆下



3

將泵盒蓋按箭頭
方向旋轉拆下。



葉輪
請確認是否有異物粘附。

• 安裝方式和拆卸方式相反。

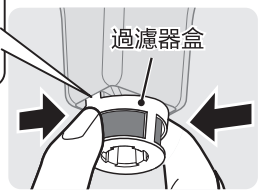
請確認全部部件安裝到位，
否則無法供水。

淨水過濾器

拆卸方式

1次/周

兩側朝箭頭
方向推，拆
下過濾器盒



清潔方式
水洗。

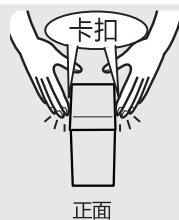
● 淨水過濾器易破損，
因此請勿用銳器刺戳。

• 安裝方式和拆卸方式相反。

水箱蓋的安裝方法

將水箱蓋的卡扣固定好，固定時會發出“叭”
的聲音。確保卡扣安裝到位。

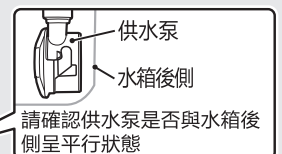
如安裝不到位，將導致無法供水、製冰，或者
導致供水泵發出噪音。



正面



側面



請確認供水泵是否與水箱後
側呈平行狀態

各種處理

更換照明燈時

- 更換照明燈，必須具備專業技術。請致電服務熱線。

玻璃部件碎裂時

- 請勿觸碰碎裂的玻璃，並請致電服務熱線。

停電時

- 減少門的開關次數，避免儲存新的食品。
(否則雪櫃內部溫度會升高)

拔出電源插頭時、保險絲或斷路器斷開時

- 如果立刻再插入插頭或合上斷路器，會使壓縮機負荷過重，引起故障。
請等待5分鐘後再插入插頭或合上斷路器。根據雪櫃內的溫度和壓縮機的啟動狀態不同，有時壓縮機保護計時器會啟動，使插入電源插頭6分鐘左右不運轉。

長期不使用雪櫃時

- 1 請倒掉自動製冰機內的冰和水。
(詳見「移動、搬運之前」的步驟 2) [請參照第26頁](#)
- 2 拔出電源插頭，將雪櫃內部清理乾淨，打開雪櫃門2~3天，使其乾燥。

層架及容器的負重

所在位置	棚架及容器	GR-RM424WE-PMA(37)
冷藏室 請參照第10頁	活動層架	7.5kg
	二段活動層架	7.0kg
	速冷冰鮮盒頂板	7.5kg
蔬果室 請參照第12頁	蔬果室滑動盒	4.0kg
	蔬果容器	13.0kg
冷凍室 請參照第12頁	冷凍室上層滑動盒	8.5kg
	冷凍室下層滑動盒	5.5kg
	冷凍儲存容器	15.5kg

遇到故障時

關於製冷

不製冷・製冷弱 …請按照順序確認以下事項。





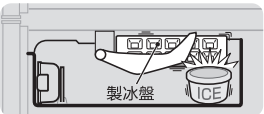
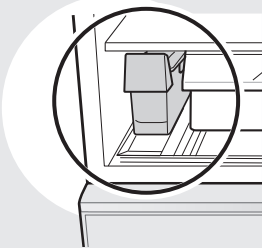
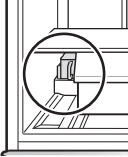

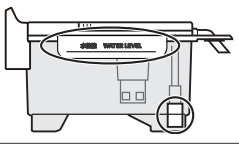
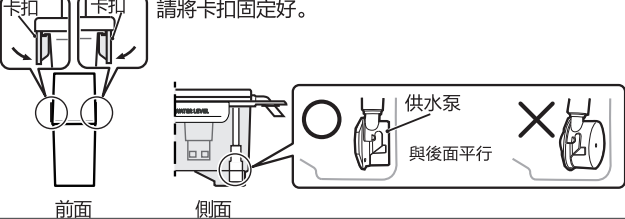
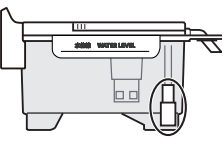
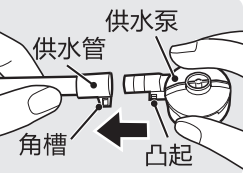
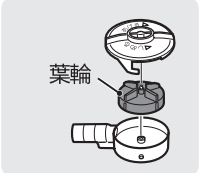
確認事項・原因/對策	
電源	<p>是否正常供電？</p> <p>▶請確認電源插頭是否鬆脫，總開關或保險絲是否斷開。</p>
電源接通多久	<p>▶雪櫃內部製冷需要一定時間，夏季等炎熱時製冷時間可能會延長。</p>
操作面板	<p>操作面板是否全部亮燈？</p> <p>▶全部亮燈時處於示範模式。請退出示範模式。 請參照第8頁</p>
	<p>是否設定了「節能模式」？</p> <p>▶請解除【節能模式】。 請參照第9頁</p>
	<p>溫度調節檔位是不是設定為「弱」？</p> <p>▶請將溫度調節檔位設定為「中」或「強」。</p>
門	<p>冷藏室門</p> <p>層架上的食品是否超出層架頂到雪櫃門，導致產生間隙？</p> <p>請勿讓食品超出層架。</p>
	<p>門封周圍是否有間隙？</p> <p>蔬果室門和冷凍室門</p> <p>是否有食品袋子卡住了門，導致門產生了間隙？</p> <p>另外，容器中的食品有無頂到滑動盒？</p> <p>▶如有，則會導致門關閉不良，漏冷而使制冷效果變差。 請參照第9頁</p>
	<p>是否頻繁開閉雪櫃門？</p> <p>頻繁開啓雪櫃門會導致外界空氣（暖氣）進入雪櫃，使雪櫃內溫度暫時上升。大約一晚上的時間溫度會恢復正常，請留意觀察。</p>

現象	確認事項・原因/對策
冷藏室的食品結凍	<p>是否將水分過多的食品放入冷藏室的最裏面或速冷冰鮮盒內？</p> <p>▶由於冷藏室深處離冷風吹出口近，且速冷冰鮮盒內溫度較低，製冷過快。請勿將水分過多的食品放在冷風吹出口前面。請參照第10頁</p>
速冷冰鮮盒中的食品不會微結凍（軟冷凍）	<p>▶速冷冰鮮盒溫度約0~3℃，通常不會結凍。（但是，放在冷風吹出口附近的食品可能會出現結凍的現象。）</p>

關於製冰

無法製冰・製冰少 …請按照順序確認以下事項。

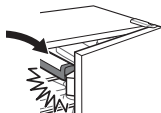
確認事項・原因/對策

<p>電源接通多久</p>	<p>▶雪櫃剛開始運行等未充分製冷的情况下，製冰時間會變長。 夏季等炎熱時可能需1天以上，請根據實際情况留意觀察。 請參照第14頁</p>	
<p>控制面板</p> 	<p>「停止製冰」有無亮燈？</p> 	<p>關上冷凍室門， 製冰 按下3秒（直到響起嗶~的提示音） <small>停止製冰(按下3秒)</small></p> <p>▶「停止製冰」滅燈。</p>
<p>儲冰盒</p> 	<p>是否將冰塊以外的物品放入儲冰盒內？</p> 	<p>請勿將冰塊以外的物品放入儲冰盒內。 物品可能會碰到檢測桿導致製冰停止，或使製冰盤翻轉時受到撞擊而破損，造成無法製冰。 使用完冰勺後，請將其放回原位。</p> 
<p>供水箱・接水盒</p> 	<p>供水箱內是否有充足的水？ ▶請將水加入供水箱至水位線位置。 請參照第13頁</p> <p>是否忘記安裝接水盒？ 請參照第19頁</p> 	<p>▶請安裝好接水盒。</p> 
<p>供水箱的卡扣和供水泵是否確實安裝好？</p> 	<p>請將卡扣固定好。</p> 	
<p>供水管和葉輪是否確實安裝好？</p> 	<p>供水管和供水泵</p> <p>請將供水泵的凸起部分安裝到供水管的角槽內。</p> 	<p>葉輪</p> 

現象	確認事項・原因/對策
<p>冰塊互相黏結，或呈圓球狀，或變小</p>	<p>是否長時間儲冰？ 可能因升華作用而使冰塊變成圓球狀，變圓、變小。</p>
<p>冰塊呈白色，或有沉澱物</p>	<p>是否設定為快速製冰或快速冷凍模式？ 因加快結冰速度，造成水分中的空氣被封在冰塊中形成氣泡，使冰塊看起來發白。</p> <p>是否使用了礦物質含量較高的水（礦泉水等）？ 因礦物質結凍，出現白色沉澱物，使冰塊看起來發白，但是無害。</p>

遇到故障時 ...續

關於櫃門

現象	確認事項・原因/對策
冷藏室的門有虛位	▶請旋轉調整腳，以調整門的平行度。 請參照第6頁
門不能關閉	<p>是否有食品袋等被門夾住，或者食品放置超出層架，導致間隙產生？</p>  <p>▶請取出被夾住的食物。請勿讓食品超出層架。</p>
	<p>冷凍室或蔬果室容器中的食品是否碰到了上面的滑動盒，食品等是否掉落到冷凍室裡側？</p> <p>▶請勿讓食品碰到滑動盒。 請參照第12頁 請取走掉落到冷凍室裡側的食品。</p>
	<p>雪櫃是否向前傾斜？</p> <p>▶請旋轉調整腳，以使雪櫃水平放置。 請參照第6頁</p> <p>如不能調整，請與選購的經銷商聯系或致電服務熱線。</p>
開關門時，雪櫃不穩	<p>活動置物架上是否放置了過高的食品或調味料？</p> <p>▶請勿在活動置物架上放置過高的食品或調味料。 請參照第11頁</p> <p>▶請向地面側調整左右兩側的調整腳，直至雪櫃穩定不晃動。 請參照第6頁</p> <p>即使調整調整腳也無法使雪櫃穩定不晃動時，請墊上一塊板。</p>

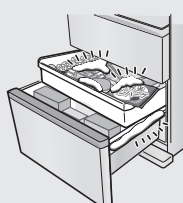
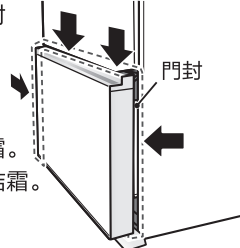
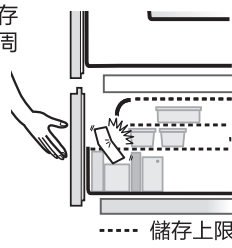
以下情況為正常現象

現象	確認事項・原因/對策
剛關門直接再打開時很吃力	進入雪櫃的空氣被迅速冷卻，櫃內壓力暫時比櫃外低，導致開門吃力。
關門時其它門會有瞬間開啓現象	因關門產生的風壓將其它門頂開。

關於控制面板

現象	確認事項・原因/對策
燈閃爍	<p>「快速冷凍」和「快速製冰」的燈持續閃爍？</p> <p>▶雪櫃出現了異常，請與選購的經銷商聯系或致電服務熱線。</p>

關於凝露，結霜，漏水

現象	確認事項・原因/對策
<p>冷凍室結霜</p> 	<p>是否因食品放入過多，導致門封產生間隙？</p> <p>※為便於說明，插圖省略了蔬果室門。</p> <p>食品放入過多時，門不能完全關閉，引起門封間隙，導致結霜。即使是很小的間隙，也會導致結霜。</p>  <p>▶請勿讓食品超出儲存上限。請確認門封周邊有無間隙。</p>  <p>..... 儲存上限</p>
雪櫃的外側凝露	<p>是否濕度過高？門是否未完全關好？</p> <p>▶凝露時，請用乾布擦乾。</p>
蔬果室或冷藏室的內側凝露	<p>門是否頻繁開啓或長時間敞開？門是否未完全關好？</p> <p>▶由於高度保濕，所以瓶罐類食品上有時會有凝露產生。凝露時，請用乾布擦乾。</p>
水漏到雪櫃內或地板上	<p>加水時，水量是否超過了供水箱的水位線？</p> <p>▶供水箱的水量請不要超過水位線。 請參照第13頁</p>
	<p>接水盒是否安裝到位？ ▶請正確安裝好接水盒。 請參照第19頁</p>
	<p>蔬果容器底部的清潔口是否有安裝好？</p> <p>▶請正確安裝好清潔口蓋。 請參照第12頁</p>

關於聲音

發生異音 …以下為正常現象。

雪櫃內部
「嘩」「噉」
 是零件因溫度變化相互摩擦的聲音。打開冷藏室門約5秒後，開始容易發此聲音。

背面附近
「流水聲」「嗤」
 是製冷劑流動的聲音。在除霜過程中容易響。夏天…1天約1次 冬天…2天約1次

供水箱附近
「呼嚕嚕」 是供水泵的聲音。約2小時響1次，1次響約3秒左右。(快速製冰時約1小時1次)

製冰機附近
「噹」 是製冰盤翻轉的聲音。
「咚咚」 是冰塊掉落的聲音。約2小時響1次，1次響約3秒左右。(快速製冰時約1小時1次)
 可以設定為「停止製冰」而停止此類聲音。▶請參照第13頁

蔬果室打開時
「撲撲」 是冷卻風扇旋轉的聲音。打開蔬果室門時，雪櫃內的風扇也不會停止旋轉，因此容易聽到風扇旋轉的聲音。

雪櫃底部
「撲嘶」 是壓縮機運轉的聲音。夏天或是剛開始運行時，如進行快速冷凍、快速製冰，壓縮機運轉的聲音會變大。

請注意以下場合

「嘎達嘎達」「咚咚」

- 地板是否牢固?
- 是否碰觸到周圍牆壁?
- 雪櫃是否放置平穩?
- 供水箱的供水泵、供水管是否安裝正確?
▶請參照第20頁

「報警音」

- 門是否未關好?
如所有門關閉後仍不停止，請致電服務熱線。
(發生報警音時，可拔出電源插頭，請等待5分鐘後重新插入，3分鐘後則停止。)

其它

現象	確認事項・原因/對策
雪櫃內有異味	是否放入了未用保鮮膜或密封容器包裝的、散發強烈味道的食品(葱、姜、蒜等)? ▶無法消除食品本身的味道。如擔心味道擴散，請將食品密封包裝。

以下為正常現象

現象	確認事項・原因/對策
雪櫃的外側和門封發熱	雪櫃周圍內藏散熱管，用以防止雪櫃凝露。剛運行時或周圍溫度過高時，會感到雪櫃外側溫度較高，但不會影響雪櫃內部的食物。
雪櫃內部有黏膩感	為了便於操作，在盒子和導軌上塗抹了一層符合日本食品衛生法規定的潤滑劑。如潤滑劑不小心粘着在其它部位時，請擦拭乾淨。
雪櫃內部較暗	雪櫃內的燈是否被食品遮住了? ▶請將遮住燈的食品移開。

搬運、遷居時

警告



切勿使背面或側面等部分的制冷回路受損

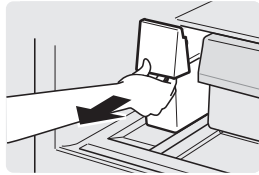
禁止

移動、搬運之前

1 取出雪櫃內的食物

2 倒掉製冰盤中的水。

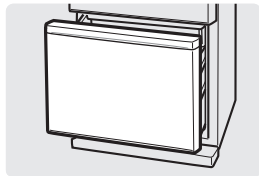
(1) 取出供水箱，
倒掉殘餘的水。



(2) 打開冷凍室的門，

制冰 按下約10秒，

直到響起嗶嗶嗶的提示音，
關上冷凍室門。



關上冷凍室門以後，
「快速製冰」從亮燈變成閃爍



此時，製冰盤開始旋轉，水、冰會自動倒入儲冰盒中，因此，請務必關上冷凍室門。

(3) 「快速製冰」停止閃爍後，打開冷凍室門，
倒掉儲冰盒中的水和冰。

(4) 用水清洗冷凍室上層滑動盒、冰勺和供水箱，
擦拭乾淨後放回原位。

3 拔出電源插頭。

4 卸下前面裝飾板

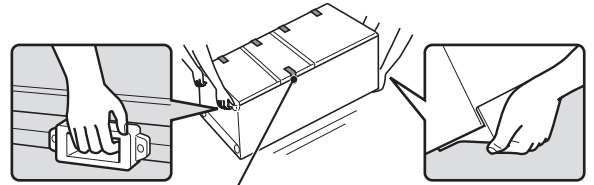
有安裝防翻倒措施時，必須將其拆除。

5 將雪櫃向前拉出

移動、搬運

搬運需2人以上。

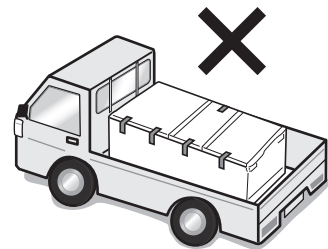
- 前後移動雪櫃時，請將雪櫃稍往後傾。其底部裝有腳輪。
- 搬運雪櫃時，請先在通道上鋪設保護墊。否則可能會因蒸發盤的水未完全排出，而導致水灑落在地板上。
- 搬運雪櫃時，請務必握住把手，不可握住門把手或門。否則可能使雪櫃摔落、損毀或人受傷。



爲了避免門自動打開，
請用膠帶將門封好。

遷居時

- 請勿將雪櫃平放，否則會造成壓縮機故障。



規格

項目	技術數據
型號	GR-RM424WE-PMA(37)
星級	✳️✳️✳️
氣候類型	N/ST
防觸電保護類別	I類
總容積	268L
冷藏室容積	171L
冷凍室容積	54L
蔬果室容積	43L
額定電壓	220V~
額定頻率	50Hz
冷凍能力	3.0kg/12h
額定電流	0.85A
除霜額定輸入功率	135W
耗電量	260 (kW·h)/a
照明燈輸入功率	2.0W
能源效率等級	1級
噪音值	39dB(A)
製冷劑入裝量	R600a 67g
發泡材料	環戊烷(C ₅ H ₁₀)
重量	68kg
外形尺寸(寬X深X高)	600mmX671mmX1643mm

● 不包括把手、調整腳，最大推入深度：665mm

關於冷凍室

此雪櫃的冷凍室的星級為 ✳️✳️✳️。

關於蔬果室

此雪櫃的蔬果室為冷卻室。

關於自動除霜

此雪櫃為自動除霜，不需要進行手動除霜。

- 請勿使用機械設備或其他方式加速除霜過程。

附件

	GR-RM424WE-PMA(37)
活動層架	1個
二段活動層架	1個
速冷冰鮮盒	1個
速冷冰鮮盒頂板	1個
供水箱	1個
門上置物架	1個
門上置物架(小)	1個
雙瓶置物架	1個
蛋架	1個
蔬果室滑動盒	1個
蔬果容器	1個
冷凍室上層滑動盒	1個
冷凍室下層滑動盒	1個
冰勺	1個
接水盒	1個
冷凍儲存容器	1個
前面裝飾板	1個

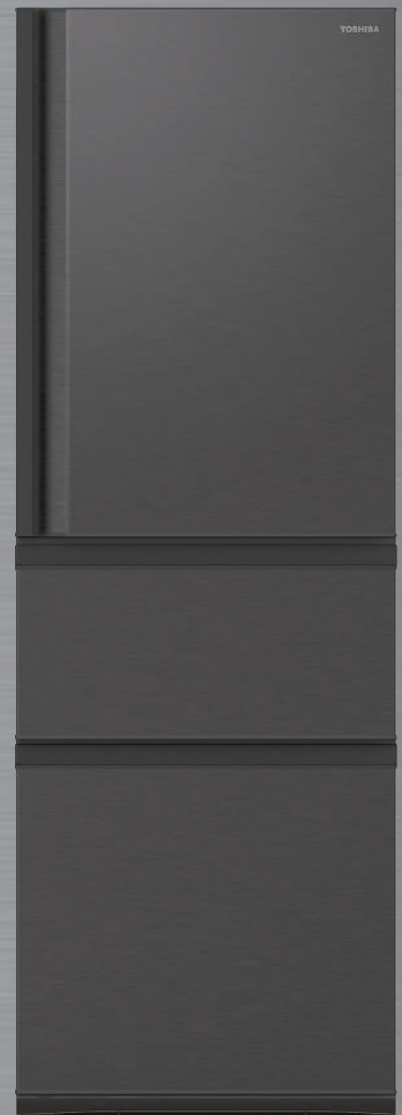
儲存室的聲明

環溫	化霜間隔	時間	特定條件
32°C	最小化霜間隔 (Δt_{d-min})	10h	重度使用, 冷凍室無法達到設定溫度
	最大化霜間隔 (Δt_{d-max})	96h	無開關門動作, 未設定特殊模式

REFRIGERATOR FREEZER

For Home Use Only

GR-RM424WE-PMA



- Thank you very much for purchasing Toshiba product.
- Read this Owner's Manual and become completely familiar with the product before use in order to use this product safely and correctly.
- Keep this Owner's Manual in a handy place for future reference.

Questions often Asked by Customers

check!

Why does it not cool?



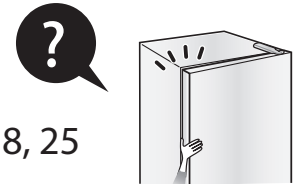
Page 23

Use method of the operation panel



Pages 9 ~ 10

Why can't the door close tightly?



Pages 8, 25

Storage Location and Temperature for Foods

Power on the refrigerator. After it starts to cool, put in the food.

The temperature values in the picture are measured in a laboratory environment.

(Laboratory conditions: The ambient temperature is 32°C. The temperature adjustment grade is [center position]. No food is put in. The refrigerator door is closed and the temperature is stable.)

Refrigerating chamber
(in the refrigerator)

Please refer to page 11.

About 2 ~ 6°C

Cooked foods, refrigerated small items, condiments, etc.



Refrigerating chamber
(door shelf)

Please refer to page 11.

About 3 ~ 8°C

Condiments, canned foods, hose condiments, milk, beer, fruit juices, etc.



Quick-cooling fresh-keeping box

Please refer to page 11.

About 0 ~ 2°C

Meat, fish, dairy products, processed foods, foods that are easy to ferment or rot, etc.



Ice-making box
(Automatic ice maker)

Please refer to pages 14 ~ 15

Makes ice automatically.



Freezing Chamber

Please refer to page 13.

About -19 ~ -21°C

Frozen foods, ice cream, etc.

Rapid freezing is carried out in the freezing chamber.



Egg holder

Please refer to page 12.

Eggs, refrigerated small items, etc.



Fruit and vegetable chamber

Please refer to pages 13.

About 4 ~ 12°C

Sliding box of the fruit and vegetable chamber

Vegetables, fruits, etc.



Fruit and vegetable container

Vegetables, fruits, bottles, etc.



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R600a

About refrigerants and foamed thermal insulation materials


This refrigerator uses a freon-free refrigerant (isobutane) and a freon-free foamed thermal insulation material (cyclopentane) that do not destroy the ozone layer and have no effect on the greenhouse effect of the earth. The freon-free refrigerant is a hydrocarbon with flammability. Sealed in the refrigeration circuit, it will not leak during normal use. In case of accidental damage to the refrigeration circuit, please avoid using open fire and electrical appliances, and open the windows for ventilation. Then get in touch with the dealer or call the service hotline.


Safety Precautions

Please make sure to comply with these items.

To avoid injuries or property losses to users or others, and to let users use this product more safely and correctly, this manual contains important contents about safe use. Please fully understand the following contents (indicative symbols and graphic symbols), then read the text, and comply with the recorded items.


Description of indicative symbols


 **WARNING** Indicates that death or serious injuries may be caused in case of misoperation.


 **NOTE** Indicates that minor injuries or item damage may be caused in case of misoperation.

- * Serious injuries refer to personal injuries such as blindness, burn, scald, frostbite (high temperature, low temperature), electric shock, fracture, and poisoning, which leave sequelae and require people to be hospitalized or go to the hospital for long-term treatment.
- * Minor injuries refer to burn, electric shock, and other injuries that do not require people to be hospitalized or go to the hospital for long-term treatment.
- * Item damage refers to the long-term injury to family property, raised animals or pets.

Description of graphic symbols


 Indicate the specific prohibited content in the graphic symbol, or explain that with pictures or words near the graphic symbol.

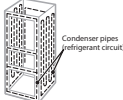
 Indicate the specific compulsory content in the graphic symbol, or explain that with pictures or words near the graphic symbol.

 Indicate the specific compulsory content in the graphic symbol, or explain that with pictures or words near the graphic symbol.



WARNING

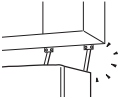
About settings

-  **Prohibition**
 - Avoid damage to the refrigeration circuit on the back or sides of the refrigerator. If the refrigeration circuit is damaged, the refrigerant may leak, causing fire and explosion. If the refrigeration circuit is damaged, please do not touch the refrigerator. Deal with it according to the following relevant matters and contact the dealer or call the service hotline.

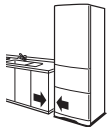


Condenser pipes
refrigerant circuit


 1. Open the windows to replace the indoor air. (please do not use the exhaust fan)
 2. Please do not use open fire or electrical appliances.
 - Do not place the refrigerator near the heating appliances. Otherwise, malfunction and fire may be caused.
 - Do not place the refrigerator in an environment full of oil fume and dust. Otherwise, malfunction, fire, or electric shock may be caused.
-  **No moisture**
 - Do not place the refrigerator in humid or splashy areas. Otherwise, fire or electric shock may be caused.
-  **Compulsory**
 - Take necessary measures to prevent the refrigerator from overturning during earthquakes or under other external forces.




Otherwise, injuries may be caused due to the overturned refrigerator.
 - A certain amount of space should be reserved around the refrigerator.




Please refer to page 7.



The refrigerant may linger in the air after leakage, resulting in fire and explosion.
-  **Be sure to connect the ground wire**
 - When using the refrigerator in places with heavy humidity or moisture, please install ground wires and anti-leakage devices. Otherwise, fire or electric shock may be caused in case of electric leakage.

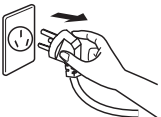


About power plug/power cord



- Failure to comply with the following items may cause a fire or electric shock.
- Please call the service hotline for the repair of power plug and power cord.
-  **Compulsory**
 - Please use an independent 220V AC socket.



220V ~
 - Make sure that the power plug is fully plugged into the socket while keeping the cord under the plug.


 - Remove dust from the power plug regularly.
 -  **Compulsory**
 - When pulling out the power plug from the socket, please hold the plug and pull it out.


 -  **Compulsory**
 - When the refrigerator is maintained or not used for a long time, please pull out the power plug from the socket.
 -  **No wet hands**
 - Do not pull out or insert the power plug with wet hands.


 -  **Prohibition**
 - Do not use the damaged power cord and power plug, and do not use the power plug that cannot be tightly plugged into a socket.
 - Do not allow power plugs and power cords to be damaged, bound, bent, pressed with heavy objects or squeezed with the back of the refrigerator.

⚠ WARNING

Abnormal conditions



Compulsory

- When the refrigerator operates abnormally or malfunctions, please pull out the power plug and stop using the refrigerator.

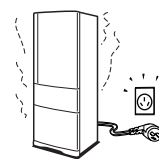
Otherwise, fire, electric shock, injury, and scald may be caused.

If the refrigerator needs to be repaired, please contact the dealer or call the service hotline.

Maintenance work shall only be carried out at workshop by well-trained maintenance worker

Abnormal conditions and malfunctions

- The power cord and power plug are abnormally hot
- The power cord is severely scratched or deformed
- You can smell the burning
- Water often collects on the refrigerator floor
- There is a slight electric shock



- When flammable gases (liquefied petroleum gas, natural gas, etc.) leak, do not touch the refrigerator or the power plug. You should ventilate the room first.

Otherwise, sparks at the connection points of electrical appliances may cause fire and explosion, resulting in injuries and burns.

⚠ WARNING

About the use



Prohibition

- Do not store flammable materials.
- Do not use flammable sprays nearby.

Otherwise, fire may be caused.

- Do not put pharmaceuticals or academic samples in the refrigerator.

Household refrigerators cannot store items that have strict requirements for temperature management. In addition, items other than foods may cause damage or malfunction of refrigerator parts.

- Do not eat the foods that become smelly or change colors.

Otherwise, you may get food poisoning or get sick.

- Do not hang or sit on the door.

Otherwise, the refrigerator may overturn, the door may fall off, or your hands may be clamped.

- Do not place items on the top of the refrigerator.

Falling items can cause injuries. If a container containing liquid is placed, the spilled liquid may affect the effect of electrical insulation, resulting in fire and electric shock.



- Do not use electrical products in the refrigerator.

When the refrigerant leaks, fire and explosion may be caused.

- Do not collide with the glass shelf.

Cracks and nicks may occur and cause injuries. When cracks or nicks occur, please do not touch them and contact the dealer or call the service hotline immediately.

- **Children should be supervised to ensure that the refrigerator is used properly.**

⚠ NOTE

About the use



Prohibition

- Please do not let foods go beyond the shelf.

- Do not place bottles that cannot reach the bottom in the front row of the double bottle shelf.

Otherwise, bottles may fall off and get damaged.

- Do not put bottles in the freezing chamber.

Otherwise, bottles may freeze to crack and get damaged.



No wet hands

- Do not touch foods and containers (metal parts) in the freezing chamber with wet hands.

Otherwise, frostbite may be caused due to the low temperature.



No touching

- Do not put your hands or feet into the bottom of the refrigerator

Otherwise, injuries may be caused due to iron plates.



Compulsory

- Both hands should be used to take out and place the glass shelf and the top plate of the fresh-keeping box.

Otherwise, they may shatter after falling, resulting in injuries.



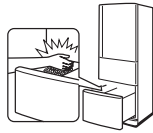
⚠ WARNING

About the use



No touching

- Do not touch the ice making part of the automatic ice maker with your hands (upper side of the ice-making box).



Otherwise, the rotating ice tray may cause injuries.



No flushing

- Do not flush the inside and outside of the refrigerator.

Otherwise, electrical insulation may be reduced, resulting in a fire or electric shock.



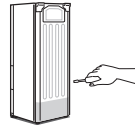
No disassembling

- Do not disassemble, modify, or repair the refrigerator by yourself.



- Do not open the cover on the back of the refrigerator.

Otherwise, fire, electric shock, injury, and burns may be caused. In addition, if the refrigeration circuit is damaged, fire and explosion may be caused. If the refrigerator needs to be repaired, please contact the dealer or call the service hotline.



When the refrigerator is scrapped



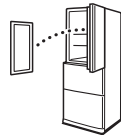
Compulsory

- When the refrigerator is scrapped, please deliver it to the dealer or professional scrapping organization.

If the refrigerator is scrapped randomly, the refrigerant and foamed layer materials may accidentally contact the fire source and cause fire or explosion.

- When the refrigerator is scrapped, please remove the door seal.

Otherwise, accidents may occur if children are locked inside.



⚠ NOTE

Notes for opening and closing the refrigerator door



Prohibition

- Please do not slam the refrigerator door. Otherwise, falling food may cause injuries.

- Do not open and close the door of the fruit and vegetable chamber while grasping the door handle of the refrigerating chamber.



- Do not put your fingers into the side of the door of the freezing chamber.



- Do not put your feet near the door of the freezing chamber.

Otherwise, your feet may be clamped by the gap of the door, resulting in injuries.

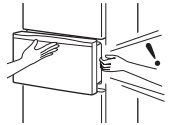


Compulsory

- Grasp the handle correctly when closing the refrigerator door.

Fingers may be clamped if you grasp the top of the handle.

- Please make sure that your fingers will not be clamped by the refrigerator door, when you open or close the door or other people are in contact with the refrigerator.



Injuries may be caused.

Notes for carrying and moving the refrigerator

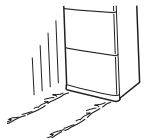


Prohibition

- Do not use the casters under the refrigerator on an easily damaged floor.

Otherwise, the floor may be damaged.

Please put a protective board on the floor before moving the refrigerator.



Compulsory

- Please use the carrying handles on the underside of the front and on the back to carry the refrigerator. **Please refer to page 28.**

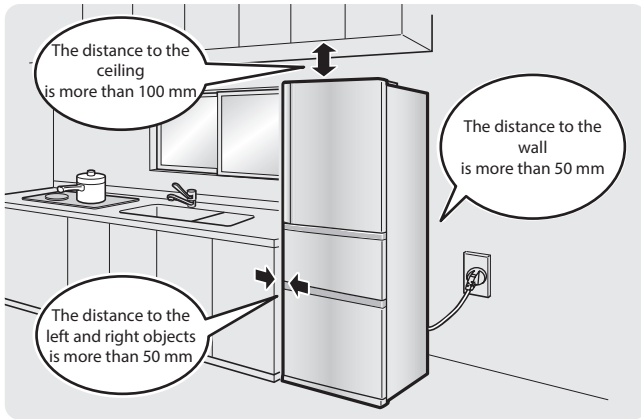
Otherwise, injuries may be caused due to hand slipping.

- Install the refrigerator on a steady and firm floor.

The refrigerator installed in an unstable floor is easy to overturn, resulting in injuries.

Installation Method

1 Installation



Methods to select an installation site

Select the place that is far away from the heat source and direct sunlight

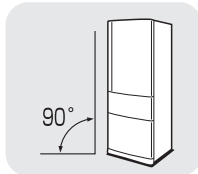
- Avoid the reduction of cooling capacity, saving electricity.

Select the place that is flat, dry, and well-ventilated

- Otherwise, vibration (noise) and door descending may be caused.

If the ground is a wooden or carpeted floor, please lay a firmer wooden board under the refrigerator.

(Avoid the floor deformation caused by the weight of the refrigerator, and the discoloration caused by the heat on the bottom side of the refrigerator).



There are spaces left for heat dissipation around.

- Avoid the reduction of cooling capacity, saving electricity. And vibration sound and wall discoloration can also be avoided.
- **WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction. Do not block the area in the vicinity of the refrigerator.**

Note

- Please keep your phone, walkie-talkie, radio, and television as far away from the refrigerator as possible to avoid noise or image disorders.

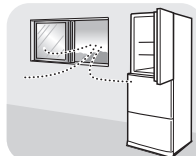
Maintenance

Wipe the inside of the refrigerator

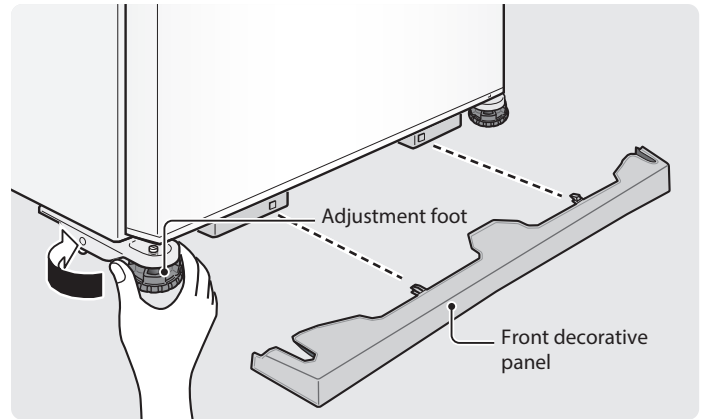
- To facilitate the use, the food storage containers and guide rails in the refrigerator are coated with lubricants, which comply with the Japanese food hygiene law.

If the lubricant accidentally touches the parts other than storage containers or guide rails, please wipe it clean with a soft wet cloth.

There may be a plastic smell in the refrigerator when it is first used. Please keep the room ventilated to dissipate the smell.



2 Fixing



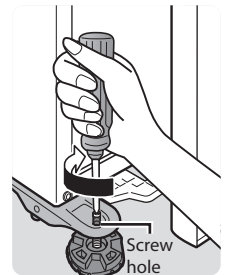
1 Adjust the adjustment foot

- Please rotate the adjustment feet on the left and right sides in the direction of the arrow until the adjustment foot touches the ground and the refrigerator no longer shakes.

When the adjustment foot cannot be rotated by hand

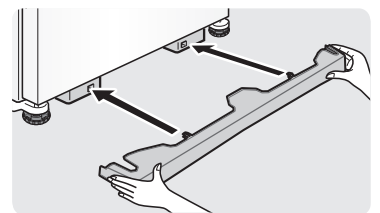
- Open the door of the freezing chamber and turn the screw of the adjustment foot with a screwdriver or other tools.

If you turn the screw of the adjustment foot too much, the screw may fall out of the screw hole.



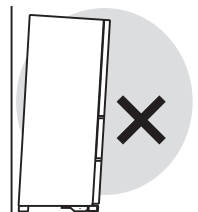
If the refrigerator cannot be leveled after you rotate the adjustment foot, please put a pad under the refrigerator.

2 Install the front decorative panel to the designated position



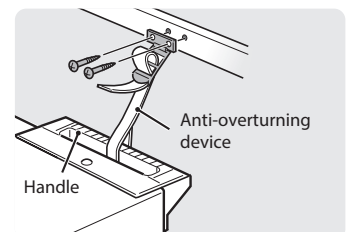
Note

- The refrigerator should be fixed horizontally to avoid leaning forward. Otherwise, the refrigerator door cannot be completely closed.



Take quakeproof measures

To prevent the refrigerator from overturning, it is recommended to pass a chain or belt through the left and right handles on the top of the back of the refrigerator to fix the refrigerator on a solid wall or pillar.

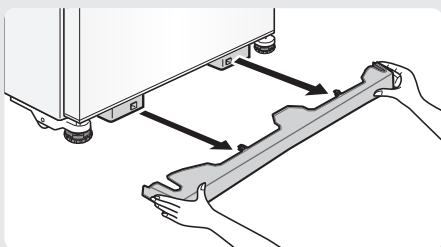


3 Adjustment

- Due to the state of the floor and the weight of the foods, the refrigerator door will descend after a few days. At that time, please adjust the parallelism of the door again.

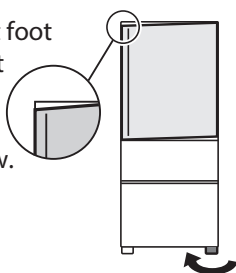


1 Remove the front decorative panel



2 Adjust the parallelism of the door

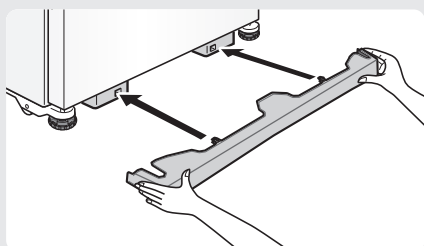
Rotate the adjustment foot on the right in the direction of the arrow.



When the adjustment foot cannot be rotated by hand

Please refer to page 7.

3 Install the front decorative panel to the designated position



4 Plugging in

Please let the food cool before putting it in the refrigerator. Ice making will start after the refrigerator cools down.

After installing the ground wire and confirming that the grounding is normal, plug in the power plug.



1 Please plug the power plug into the socket (Please use an independent 220V AC socket)

2 Please confirm whether the demo mode is on

- If the refrigerator is in the demo mode, the refrigeration system will not operate. Please deactivate the demo mode. [Please refer to page 9.](#)

Grounding method

To prevent electric shock, grounding measures must be taken.

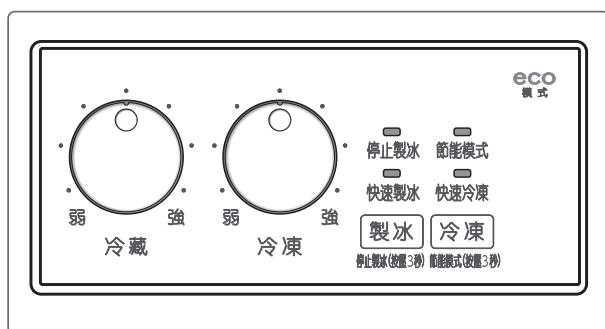
When the refrigerator is installed in a place with heavy humidity or moisture

Be sure to connect the ground wire

In particular, when the refrigerator is installed in a place with heavy humidity or moisture, the anti-leakage device needs to be installed, in addition to connecting the ground wire.

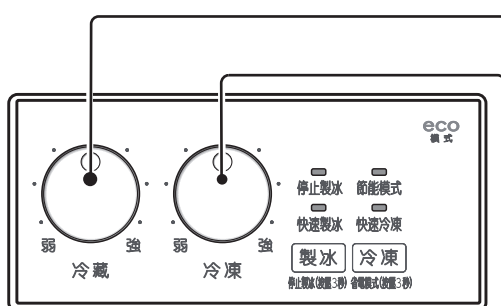
Functions of the Operation Panel

The operation panel is in the refrigerating chamber.



Temperature adjustment

Under general conditions, please adjust to center position (between 強 and 弱).



The temperature adjustment grade for the refrigerating chamber

強	2 ~ 3°C lower than 「center position」
center position (between 強 and 弱)	About 2 ~ 6°C.
弱	2 ~ 3°C higher than 「center position」

The temperature adjustment grade for the freezing chamber

強	4 ~ 5°C lower than 「center position」
center position (between 強 and 弱)	About -19 ~ -21°C.
弱	4 ~ 5°C higher than 「center position」

- The temperature values in the above table are measured when the ambient temperature is 32°C, the temperature adjustment grade is center position, no food is put in, the refrigerator door is closed, and the temperature is stable.
- When the temperature of the refrigerating chamber is adjusted, the temperature of the quick-cooling fresh-keeping box and the fruit and vegetable chamber will also change accordingly.

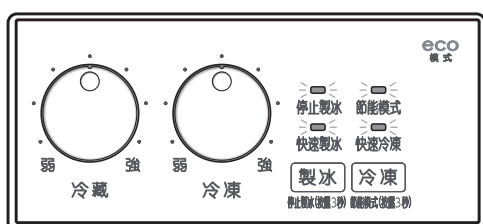
Hint

- When the energy saving mode is on, the temperature of 「center position」 or 「強」 is set to be 1 to 2°C higher than that of 「center position」.

When the refrigeration is insufficient, please deactivate the energy saving mode. [Please refer to page 10.](#)

Demo mode

When the refrigerator is in the demo mode, the lights on the operation panel are all on. And the refrigerator does not cool at this time.



Open the door of the refrigerating chamber,

Press **製冰** and **冷凍** simultaneously for 3 seconds,

(until you hear a beeping sound)

- When the lights on the operation panel are all off, the demo mode is deactivated.

Closing the door

When any door of the refrigerating chamber and the freezing chamber is opened for more than one minute, you will hear a warning sound (as shown in the table below).

Door opening time	Warning sound
1 minute, 2 minutes later	Seven warning sounds
3 minutes later	Continuous warning sounds

The warning sound will stop after you close the door.

Hint • When the door is opened a little bit, you will hear no warning sound. (For example, too much food is stuffed or the food bag is clamped.)

Energy saving mode

When the energy-saving mode is on, power can be saved by about 10%*.

When the doors of the refrigerating chamber and the freezing chamber have not been opened or closed for more than 24 hours, the energy saving mode will automatically switch to 20%.

- Run at a temperature that has no effect on food. (The temperatures in the refrigerating chamber and the freezing chamber are about 1-2°C higher.) (The temperature value is measured when the ambient temperature is 32°C, the temperature adjustment grade is 「center position」, no food is put in, the refrigerator door is closed, and the temperature is stable.)
- When the energy saving mode is set to about 20%, it will automatically switch to 10% as long as you open any door of the refrigerating chamber and the freezing chamber.
- The following situations may change the effect of power saving.
 - When quick ice making • quick freezing functions are set
 - When the ambient temperature, the frequency of door opening and closing, the temperature adjustment grade, and the amount of food storage are different
- When the energy saving mode is set, the ice making time may be extended and the ice making times may be reduced.

Setting method

Close the door of the freezing chamber,



Press **冷凍** for three seconds (until you hear a beeping sound).

When the light of 「節能模式」 is on, the function of the energy saving mode starts to work.

Deactivating method

Close the door of the freezing chamber,

Press **冷凍** for three seconds

(until you hear a beeping sound).



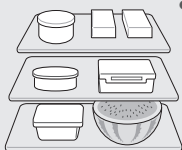
When the light of 「節能模式」 is off, the function of the energy saving mode is deactivated.

Hint • When the energy saving mode is on, the temperature of 「center position」 or 「強」 is set to be 1 to 2°C higher than that of 「center position」. When the refrigeration is insufficient, please deactivate the energy saving mode.

* This is the ratio between the general operation mode and the energy saving mode. This ratio is measured under the experimental conditions of the environmental laboratory of our company. Experimental conditions: The ambient temperature is 32°C. The temperatures of the refrigerating chamber and the freezing chamber are both set to 「center position」. The door has not been opened or closed. And the ice making function is working normally. The measured values are different in different use environments. The measurement conditions of the effect of the energy saving mode are different from the measurement standards in IEC 62552:2007.

Power saving tips

- Do not let the food be too crowded. Overcrowded food storage can cause poor circulation of cold air.



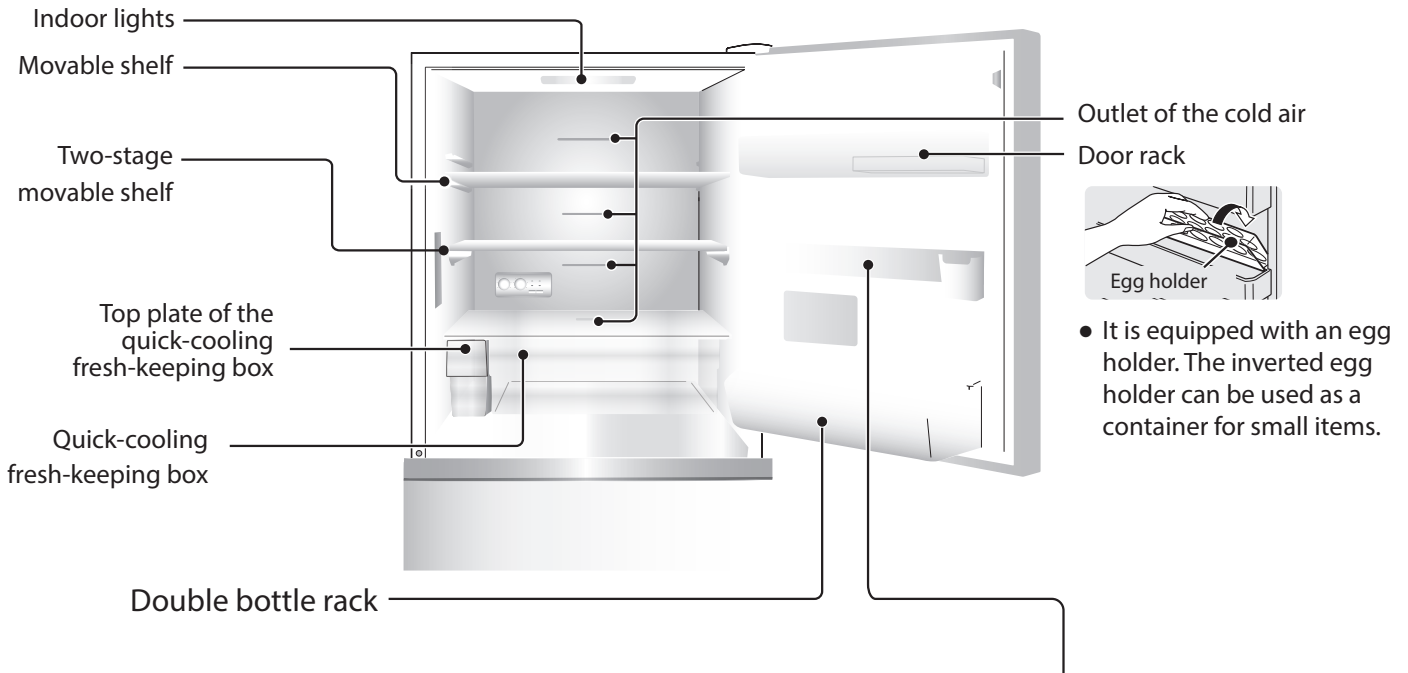
- Try to reduce the frequency of opening and closing doors. Opening and closing the door too frequently will cause the leakage of cold air, resulting in the temperature in the refrigerator to rise.



- Cool food before storage. Cool the hot food before storage to prevent the temperature in the refrigerator from rising.



Refrigerating Chamber



Movable shelf

- The movable shelf can be adjusted in two layers to suit the height of the food.

(Disassembly method
Please refer to page 19.)

(Disassembly method
Please refer to page 19.)

Door rack (small)

Two-stage movable shelf



Both hands should be used to take out or place the heavy glass shelf!

- Fold the front-part shelf according to the size of foods.
- (Disassembly method Please refer to page 18.)

1 Normal state.

2 Fold the front-part shelf by lifting its front part and push it inward.

For example, the plastic bottle.

Note

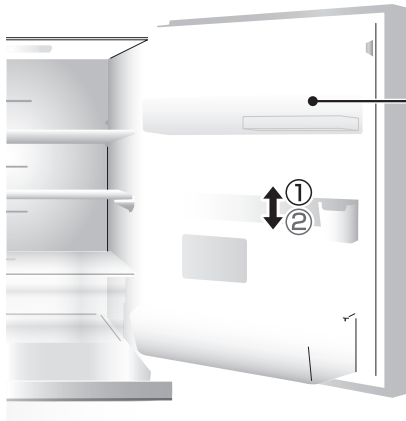
- Water-rich foods, eggs, and beverages are easy to freeze in front of the outlet of the cold air. Please place them in the front part of the shelf. (Carbonated beverages, in particular, may crack after freezing)

Hint

- The light in the refrigerating chamber will be turned off automatically after the door of the refrigerating chamber is opened for 10 minutes.

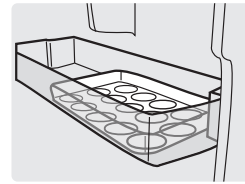
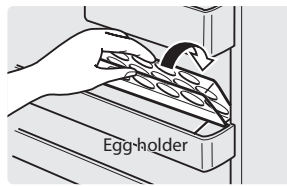
Use methods of the door rack • egg holder

(disassembly method) Please refer to page 19.

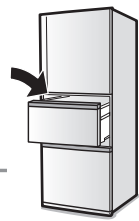


Door rack

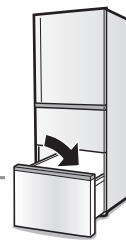
- The inverted egg holder can be used as a container for small items.



Fruit and Vegetable Chamber



Freezing Chamber



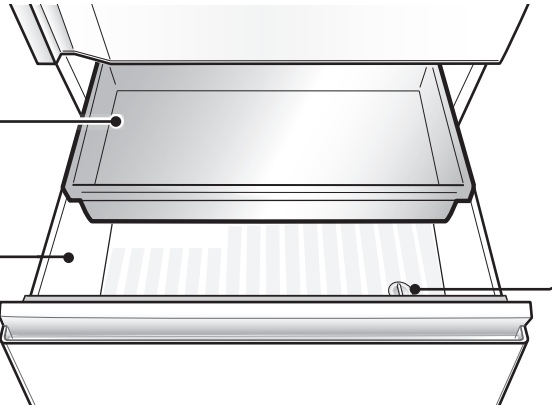
Fruit and vegetable chamber

Sliding box of the fruit and vegetable chamber
Stores small fruits and vegetables

Fruit and vegetable container
Stores large and medium fruits and vegetables

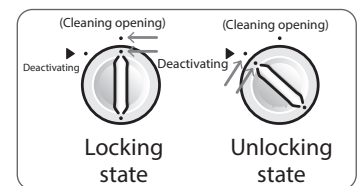
Disassembly method

Please refer to page 19.



Cap of the cleaning opening

It is located at the bottom of the fruit and vegetable container. It is convenient to clean the garbage such as broken leaves in the container.

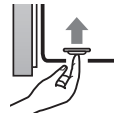


Hint

- You will not hear the warning sound for closing the door even if the door of the fruit and vegetable chamber is not completely closed.

Please refer to page 10.

When the cap cannot be taken out, you can open the fruit and vegetable chamber, put your hand under the fruit and vegetable container, and push the cap up with your hand.

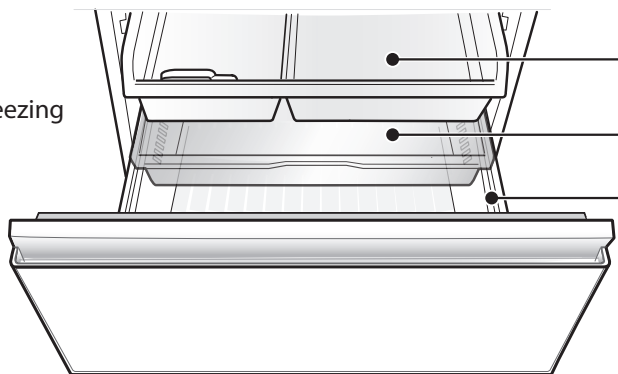


※ After cleaning up the garbage, be sure to reset and lock the cap. Otherwise, the moisture in the fruit and vegetable chamber will be lost.

Freezing Chamber

Use methods of quick freezing
Please refer to page 16.

Disassembly method
Please refer to page 19.



Sliding box on the upper layer of the freezing chamber

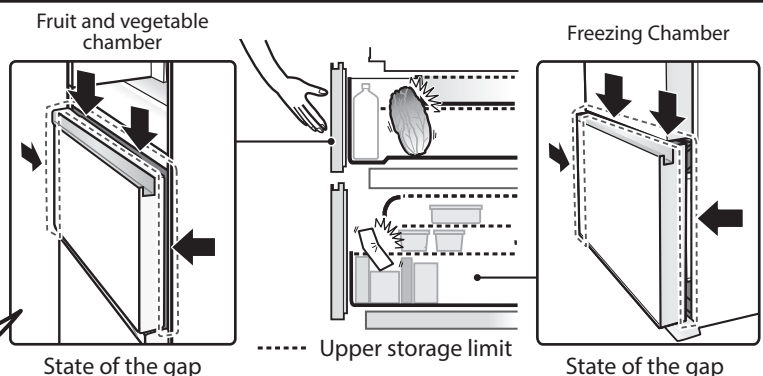
Sliding box on the lower layer of the freezing chamber

Freezing storage container

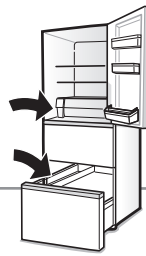
Note

- Do not allow the amount of food stored in the container or storage box to exceed the upper storage limit shown in the right picture. Otherwise, the door will not be completely closed, resulting in a gap in the door seal. This may not only reduce refrigeration performance and cause condensation or frosting, but also damage parts.

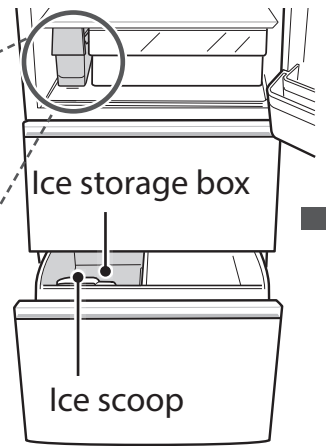
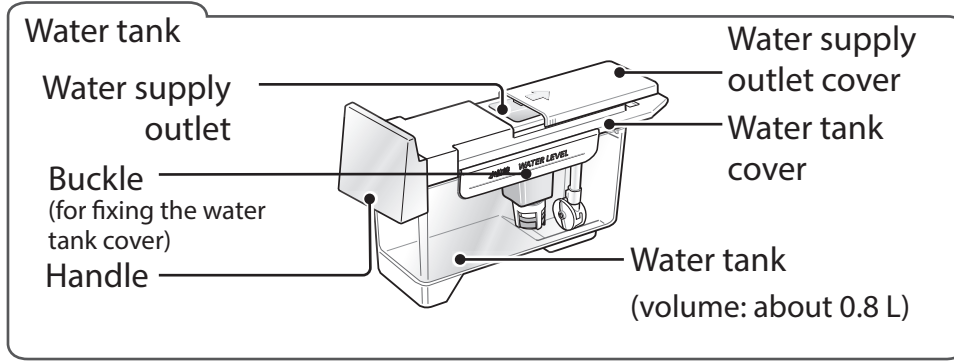
Food that exceeds the upper storage limit will prevent the door from being completely closed.
(Gaps are created)



Automatic Ice Maker



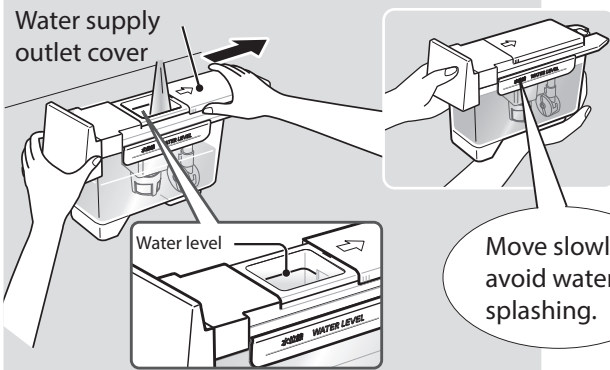
The ice tray has gone through the antibacterial treatment. *



Method of Use

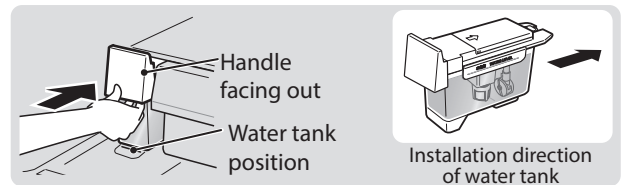
Before ice making

1 Open the water supply outlet cover and add water to the water level position.



If the amount of water added exceeds the water level position, the water will easily spill out during the installation of water tank.

2 Push the water tank to the water tank position. If the water tank is not pushed to the specified position, ice making cannot be started, or the door cannot be closed.



Quick ice making (making the ice quickly)

Setting method

Press **製冰** once

- ▶ The light of 「快速製冰」 is on and the quick ice making starts.

It will end automatically in about eight hours. (The light of quick ice making is off.)



When stopping halfway

Press **製冰** repeatedly until the light of quick ice making is off.

- ▶ The light of 「快速製冰」 is off with a beeping sound.

Hint • When there is no water in the water tank or the ice storage box is full, quick ice making cannot be started.

Not using the ice making function (stopping ice making)

Setting method

Close the door of the freezing chamber, and press **製冰** for three seconds (until you hear three short beeps.)

- ▶ Stop ice making when the light of 「停止製冰」 is on.



- When stopping ice making is set, the ice or water remaining in the ice tray will fall into the ice storage box after ice making is completed, and then ice making will stop.

Deactivating method

Close the door of the freezing chamber, and press **製冰** for three seconds (until you hear a beep.)

- ▶ Start ice making when the light of 「停止製冰」 is off.

Notes



Before ice making/the water for ice making

- Be sure to wash the water tank with water first before use.
- Purified water is recommended.

When using mineral water for ice making, please use the mineral water with a hardness value below 100 mg/L.

Hardness value is below 100 mg/L



- Do not put in hot water above 60°C, or liquids other than clean water such as fruit juice, otherwise, malfunction will be caused.
- Please dump the ice cubes made in the first time (about 30). The ice cubes made in the first time may have peculiar smell or dirt.



Ice making time and ice storage capacity

• Ice making time

Ordinary ice making	About 2 hours each time
Quick ice making	About 1 hour each time

(The ambient temperature is 20°C and the door is not opened or closed)

• Ice storage capacity

When ice cubes are flattened and ice making continues	About 150
When ice cubes pile up in some areas or the door of the ice making chamber is not opened or closed	About 50~100

- In the ordinary ice making mode, about 10 ice cubes can be made each time. The ice making time may be extended due to different running states of the refrigerator.

The ice making time may be extended in the following situations

- The freezing chamber is not fully cooled at the beginning of use. Especially in the summer when the ambient temperature is higher, the ice making time may even exceed one day.
- The refrigerator door is opened and closed frequently, or a large amount of food is put in at one time.
- The room temperature is lower in the winter, or higher in the summer.
- The space around the refrigerator is too narrow. [Please refer to page 7.](#)

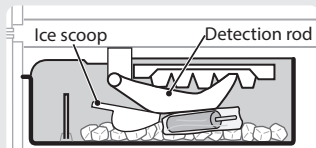
When the ambient temperature is high, the ice making time may exceed one day.



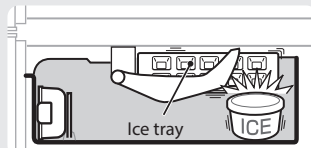
Notes for ice making

The ice making continues until the detection rod touches the ice cube.

The following situation may prevent the ice from being made even though there is water in the water tank

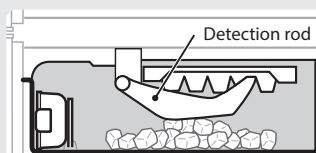


Items other than ice cubes hit the detection rod.



Items other than ice cubes cause the rolling ice tray to be hit or stop ice making.

The following situation may reduce the amount of ice made



Some ice cubes piling up in some areas may hit the detection rod too early, leading to ice making being stopped when ice making is insufficient.

Detection rod

Do not put anything other than ice cubes

Please put the ice scoop back in place after use.

Flatten ice cubes

- Do not put anything other than ice cubes in the ice storage box when not making ice. Otherwise, when the ice making function is enabled again, items may hit the detection rod, resulting in a malfunction or failure to start the ice-making.

Quick Freezing



Freeze food quickly.

Notes for freezing food

- Please choose the food with good freshness.
- To prevent food from drying, please store food with plastic wrap, airtight container, airtight bag, etc.
- Please use up the food that has been thawed, otherwise, the food will go sour or have a bad taste.

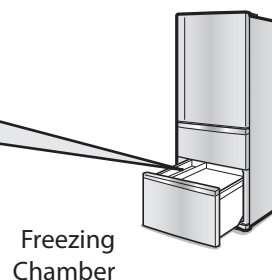
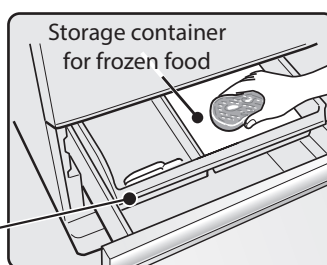


1 Preparation

In the freezing chamber.

- Please put the sealed food in the frozen food storage box of the sliding box on the upper layer in the freezing chamber. When you open the freezing chamber, the sliding box on the upper layer is not visible. Please pull out the sliding box on the upper layer.

Sliding box on the upper layer of the freezing chamber



Freezing Chamber

2 Settings

Setting method

Press **冷凍** once



The light of 「快速冷凍」 is on and the quick freezing starts.

It will end automatically in about 150 minutes. (The light of 「快速冷凍」 is off)



When stopping halfway

Press **冷凍** repeatedly



The light of 「快速冷凍」 is off with a beeping sound.

until the light of 「快速冷凍」 is off.





WARNING



Pull out the plug

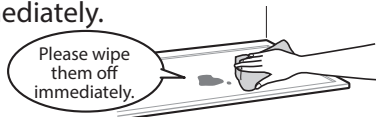
Please pull out the power plug when cleaning the refrigerator.



No disassembling

Do not disassemble, modify, or repair the refrigerator by yourself.

- If you find any stains, please wipe them off immediately.



Please clean the invisible areas once or twice a year.

Cleaning steps

- 1 Pull out the power plug.
- 2 Please wipe it with a soft cloth dipped in warm water
 - For neutral detergent used in a kitchen, be sure to dilute it before use.
 - After using the detergent, be sure to wipe off the detergent with a cloth dipped in water, and then wipe it with a dry cloth.

Note

- If oil or juice splashes on plastic parts, glass shelves, and glass doors, please wipe them off immediately. (Otherwise, these parts may crack or discolor)
- Do not use the following items:



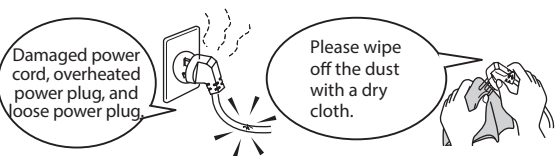
Alkaline and weakly alkaline kitchen cleaner and glass cleaner (They may cause cracks in plastic parts and damage to glass shelves)



Alcohol, gasoline, thinner, acid, abrasive powder, washing powder, steel brush, hot water, etc. (They may cause damage to the coated surfaces, plastic parts, and glass shelves)

Inspection after cleaning

After cleaning, please check the power cord and power plug to prevent electric shock or fire.



Door seal

Wiping it with a wet cloth

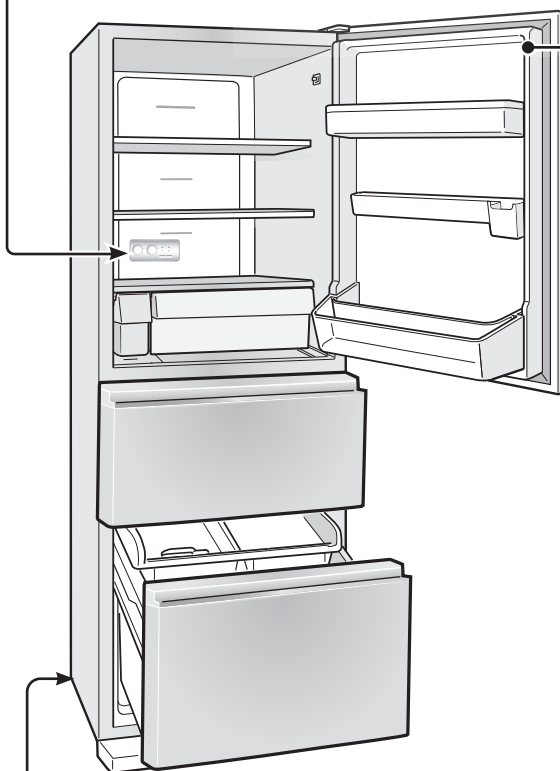
The soiled door seal is easy to be damaged, resulting in cold air leakage.



Operation panel

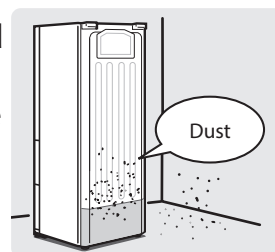
Wiping it with a dry cloth

- Please wipe it with a soft dry cloth. After wiping, please make sure that the temperature grades are not changed.



The back of the refrigerator and the floor

- Pull out the refrigerator to clean off the dust.
- Clean the back of the refrigerator, the wall, and the floor.



Cleaning and Maintenance...Continued

Sliding box of the freezing chamber, freezing storage container

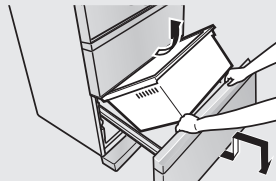
Water washing

Disassembly method

- 1 Pull out the door to the maximum and take out the sliding box on the lower layer and the sliding box on the upper layer of the freezing chamber.



- 2 Lift the door and keep pulling it out until it touches the ground. Then take out the freezing storage container.

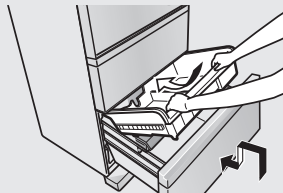


Installation method

- 1 Pull the door out to the maximum. Lift the door and keep pulling it out until it touches the ground. Then insert the protrusion of the freezing storage container into the hole on the guide rail and installed it in place.



- 2 Install the sliding box on the lower layer and the sliding box on the upper layer to the freezing chamber, and then lift the door slightly to close the door.



Quick-cooling fresh-keeping box

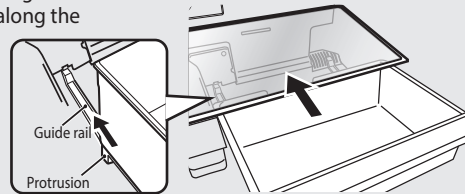
Water washing

Disassembly method

Pull the quick-cooling fresh-keeping box out to the maximum, lift it up slightly, and take it out.

Installation method

Load the quick-cooling fresh-keeping box along the guide rail and push it to the innermost.



Two-stage movable shelf

Water washing



Both hands should be used to take out or place the heavy glass products.

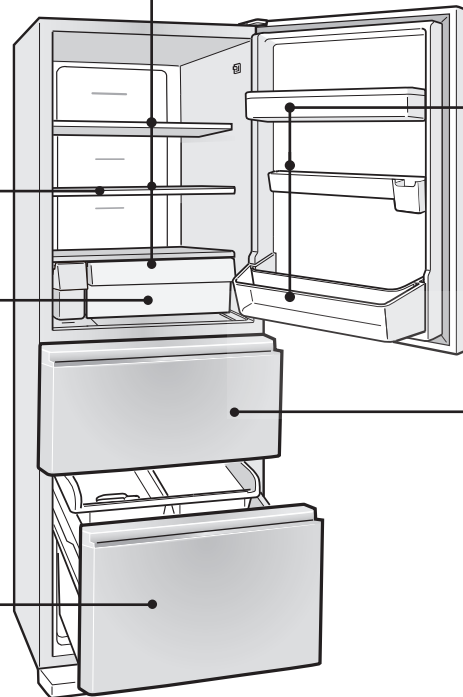
Disassembly method

- 1 Fold the shelf.



The installation method is opposite to the disassembly method.

- 2 Pull it up obliquely to take it out.



Top plate of the quick-cooling fresh-keeping box Water washing

Movable shelf

Water washing



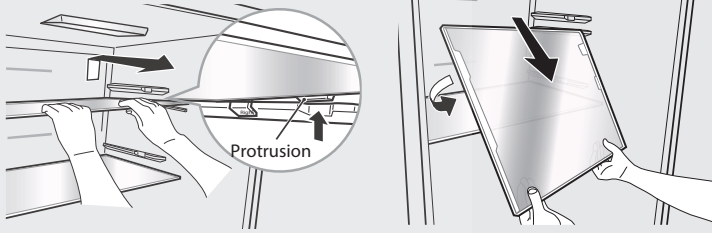
Both hands should be used to take out or place the heavy glass products.



Both hands should be used to take out or place the heavy glass products.

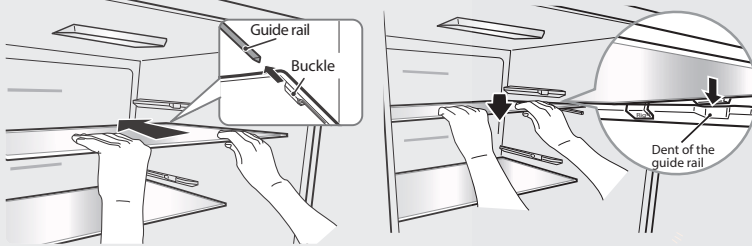
Disassembly method

- 1 Hold the movable shelf with both hands and pull it out.
- 2 Turn the shelf obliquely to the lower side and take it out.



Installation method

- 1 Hold the movable shelf with both hands, align the guide rail of the shelf with the guide rail of the refrigerating chamber, and put it inward.
- 2 Lift the shelf slightly with both hands, and buckle the protrusion of the shelf into the groove of the guide rail.



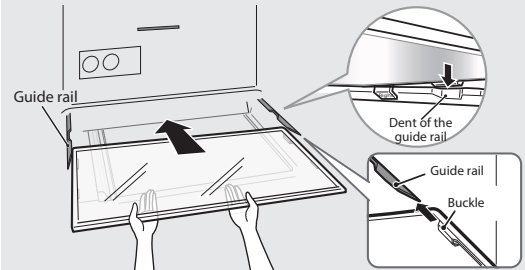
Remove the quick-cooling fresh-keeping box and water tank first.

Disassembly method

Hold the top plate of the quick-cooling fresh-keeping box with both hands, lift it up slightly, and then pull it out.

Installation method

Hold the top plate of the quick-cooling fresh-keeping box with both hands, align the buckle on the top plate with the guide rail in the refrigerating chamber, and put the top plate in. The protrusions on the top plate need to be installed in the dents of the guide rails in the refrigerating chamber.

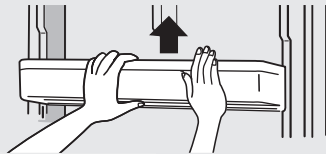


Please confirm the installation direction before installing. (Left and right are marked on the back of the buckle.)

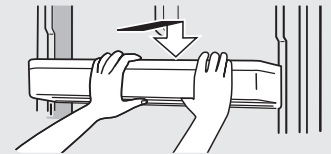
Door rack, door rack (small), and double bottle rack

Disassembly method
Push the rack repeatedly from below to take it out.

- The rack is installed more firmly.



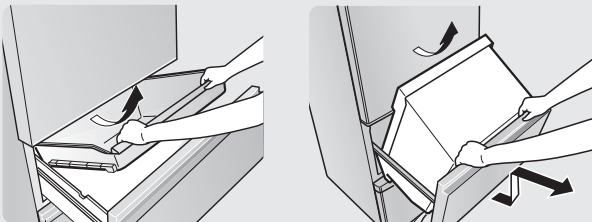
Installation method
Put the rack horizontally and press it down.



Sliding box of the fruit and vegetable chamber, fruit and vegetable container Water washing

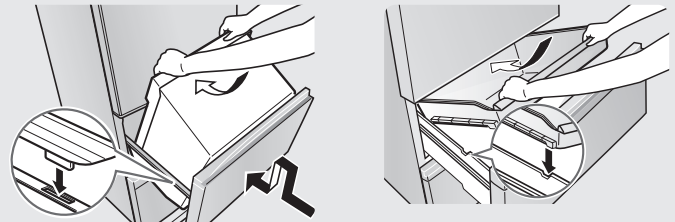
Disassembly method

- 1 Pull out the door to the maximum and take out the sliding box in the fruit and vegetable chamber.
- 2 Lift the door slightly, pull it out, and take out the fruit and vegetable container. The door will fall off if being lifted too high.



Installation method

- 1 Pull the door out to the maximum. Lift the door and keep pulling it out. Then insert the protrusion of the fruit and vegetable container into the hole on the guide rail and installed it in place.
- 2 Pull out the door to the maximum, install the sliding box in the fruit and vegetable chamber, and push it inward.



Maintenance of Automatic Ice Maker

Warning



No disassembling

Do not disassemble, modify, or repair the refrigerator by yourself.



No touching

Do not touch the ice making part of the automatic ice maker (upper side of the ice storage box) with your hands.

Be sure to use a soft wet cloth or sponge for cleaning, and rinse the parts to be rinsed with clean water. (To avoid mold, water rust, etc.)



Do not use the following items:

- Detergent, bleach, abrasive powder, brush, diluent, gasoline, etc. (Otherwise, peculiar smell or malfunction may be caused.)
- Hot water (the heat-resistant temperature of each part is 60°C)



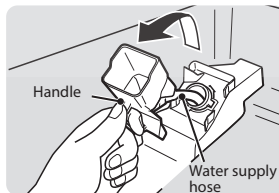
Water supply pipe

Water receiver

1~2 times/year

Disassembly method

Take out the water tank first, and then grasp the handle of the water receiver to take out the water receiver.

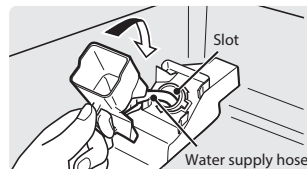


- Wipe the installation slot of the water receiver with a soft wet cloth (on the refrigerator)



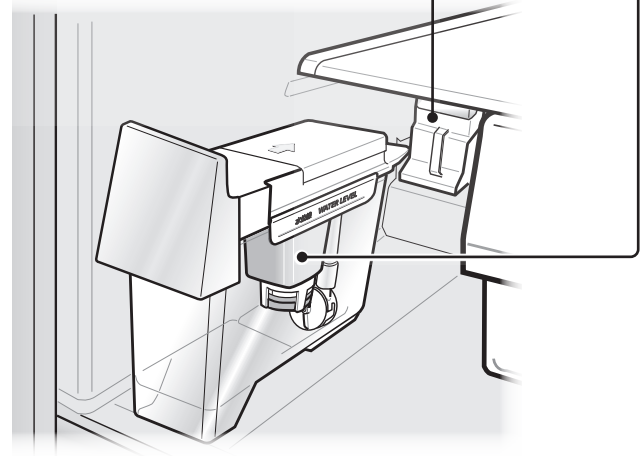
Installation method

Insert the water supply hose firmly into the slot of the water supply tank.



Note

- Do not spray or flush the slot with water or other cleaning agents, otherwise the ice maker will malfunction.
- Do not remove the water supply hose from the water receiver, otherwise water leakage may be caused.

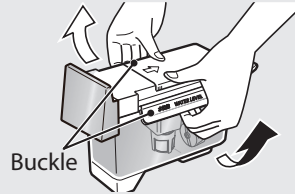


Water tank

Water tank, water tank cover 1 time/week

Disassembly method

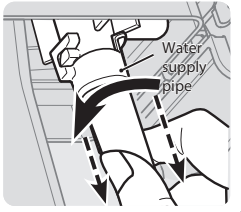
Break the buckle upward to remove the water tank cover.



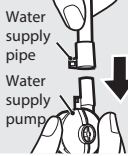
Water supply pipe, water supply pump 1 time/month

Disassembly method

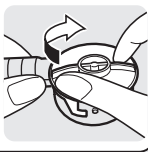
- 1 Remove the water supply pipe by rotating it in the direction of the arrow.



- 2 Remove the water supply pump from the water supply pipe.



- 3 Remove the pump box cover by rotating it in the direction of the arrow.



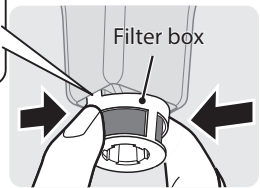
Impeller

Make sure that no foreign matter adheres to it.

Water filter

Disassembly method 1 time/week

Push two sides in the direction of the arrow to remove the filter box.



Cleaning method

Water washing.

- Do not poke the water filter with a sharp object, because it is easy to be damaged.

- The installation method is opposite to the disassembly method.

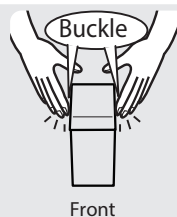
- The installation method is opposite to the disassembly method.

Please confirm that all parts are installed in place, otherwise the water cannot be supplied.

Installation method of the water tank cover

Fix the buckle of the water tank cover. When it is fixed in place, you will hear a crack. Make sure the buckle is installed in place.

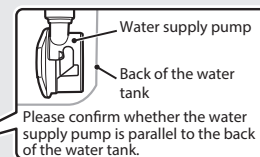
If it is not installed in place, water supply and ice making will not start, or the water supply pump will make noise.



Front



Side



Please confirm whether the water supply pump is parallel to the back of the water tank.

Various Solutions

Replacing indoor lights

- Professional skills are required to replace indoor lights. Please call the service hotline.

Broken glass parts

- Do not touch the broken glass and call the service hotline.

Power failure

- Reduce the frequency of opening and closing doors and avoid storing new food. (Otherwise, the temperature in the inside of the refrigerator will rise.)

Pulling out the power plug, or disconnecting the fuse or circuit breaker

- If the power plug is inserted again or the circuit breaker is closed immediately, the compressor will be overloaded and malfunction.
Please wait five minutes before inserting the power plug or closing the circuit breaker. Different temperatures in the refrigerator and starting state of the compressor sometimes can enable the compressor protection timer. As a result, the compressor will not run within about six minutes after power on.

Not using the refrigerator for a long time

- 1 Please dump the ice and water from the automatic ice maker.
(For details, please refer to the step 2 [Please refer to page 28.](#) in the Before Moving or Carrying section)
- 2 Pull out the power plug and clean the inside of the refrigerator. Open the refrigerator door for two - three days to dry it.


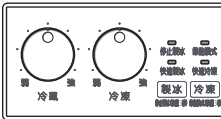

Loads of Shelves and Containers

Location	Shelves and containers	GR-RM424WE-PMA(37)
Refrigerating chamber Please refer to page 11.	Movable shelf	7.5 kg
	Two-stage movable shelf	7.0 kg
	Top plate of the quick-cooling fresh-keeping box	7.5 kg
Fruit and vegetable chamber Please refer to page 13.	Sliding box of the fruit and vegetable chamber	4.0 kg
	Fruit and vegetable container	13.0 kg
Freezing Chamber Please refer to page 13.	Sliding box on the upper layer of the freezing chamber	8.5 kg
	Sliding box on the lower layer of the freezing chamber	5.5 kg
	Freezing storage container	15.5 kg

Malfunctions

About cooling

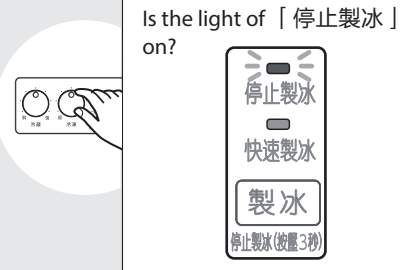

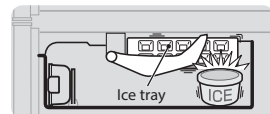
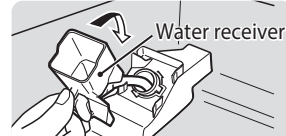
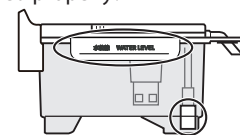
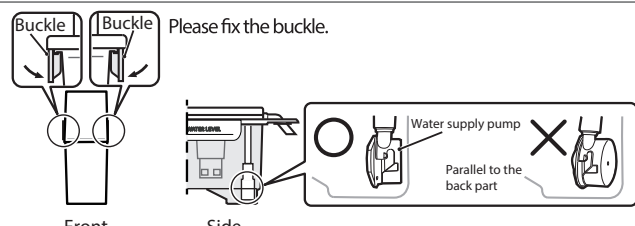
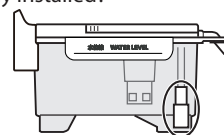
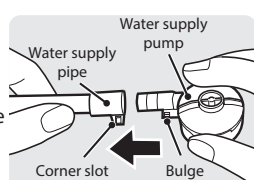
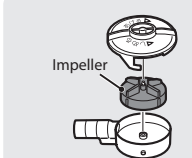
No refrigeration · weak refrigeration ...Please confirm the following items in order.

Confirmation items · causes/countermeasures	
Power	Does the power supply work well? ▶ Please confirm whether the power plug is loose or falls off, and whether the main switch or fuse is disconnected.
How long has the power been on?	▶ The refrigeration inside the refrigerator takes a certain time, and the refrigeration time may be extended in the summer.
Operation panel	Are the lights on the operation panel all on? ▶ When all lights are on, the demo mode is on. Please deactivate the demo mode. Please refer to page 9. 
	Is 「節能模式」 set?  ▶ Please deactivate 「節能模式」. Please refer to page 10. ▶
	Is the temperature adjustment grade set to 「弱」? ▶ Please set the temperature adjustment grade to 「center position」 or 「強」.
	Is there a gap around the door seal?
Is the refrigerator door opened frequently?	Opening the refrigerator door frequently will cause the external air (warm air) to enter the refrigerator, resulting in the temperature in the refrigerator rising temporarily. The temperature will return to normal in about one night, please pay attention to it.

Phenomena	Confirmation items · causes/countermeasures
The food in the refrigerating chamber is frozen.	Is the water-rich food put in the innermost part of the refrigerating chamber or in the quick-cooling fresh-keeping box? ▶ The innermost part of the refrigerating chamber is close to the outlet of the cold air and the temperature in the quick-cooling fresh-keeping box is lower, resulting in too fast refrigeration. Do not place the water-rich food in front of the outlet of the cold air. Please refer to page 11. ▶
The food in the quick-cooling fresh-keeping box cannot be slightly frozen (soft freezing).	▶ The temperature in the quick-cooling fresh-keeping box is about 0~3°C, which usually does not freeze the food. (However, food placed near the outlet of the cold air may be frozen.)

About ice making

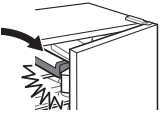
No ice making · less ice making ... Please confirm the following items in order.

Confirmation items · causes/countermeasures	
How long has the power been on?	<p>▶ When the refrigerator is not fully refrigerated, such as the refrigerator just starts to run, the ice making time will become longer. It may take more than one day in hot days such as the summer, please pay attention to the actual situation.</p> <p>Please refer to page 15.</p>
Operation panel	<p>Is the light of 「停止製冰」 on?</p>  <p>Close the door of the freezing chamber,</p> <p>製冰 Press it for three seconds (until you hear a beeping sound.) <small>停止製冰(設置3秒)</small></p> <p>▶The light of 「停止製冰」 is off.</p>
Ice storage box	<p>Is anything other than ice cubes put in the ice storage box?</p>  <p>Do not put anything other than ice cubes in the ice storage box. The item may touch the detection rod, causing the ice making to stop. The ice tray may also be damaged after being hit when it rolls, making it impossible to make ice. Please put the ice scoop back in place after use.</p> 
Water tank · water receiver	<p>Is there enough water in the water tank?</p> <p>▶ Please add water to the water tank until the water reaches the water level. Please refer to page 14.</p>
	<p>Is the water receiver forgotten to be installed?</p> <p>Please refer to page 20.</p> <p>▶ Please install the water receiver correctly.</p> 
	<p>Are the buckles of water tank and the water supply pump installed properly?</p>  <p>Please fix the buckle.</p>  <p>Front Side</p> <p>Water supply pump Parallel to the back part</p>
<p>Are the water supply pipe and impeller properly installed?</p>  <p>Water supply pipe and water supply pump Please install the bulge of the water supply pump into the corner slot of the water supply pipe.</p>  <p>Water supply pipe Water supply pump Corner slot Bulge</p> <p>Impeller</p> 	

Phenomena	Confirmation items · causes/countermeasures
The ice cubes stick to each other, becoming round balls or smaller cubes.	Have the ice cubes been stored for a long time? It may be the sublimation that causes the ice cubes to become round balls or smaller cubes.
The ice cubes are white or contain sediment.	Are quick ice making or quick freezing modes on? Due to the faster freezing speed, the air in the water is trapped in the ice and forms bubbles, making the ice look white.
	Is the water with higher mineral content (mineral water, etc.) used? Frozen minerals can form white sediment, making the ice look white, but they are harmless.

Malfunctions ...Continued

About the door

Phenomena	Confirmation items · causes/countermeasures
The door of the refrigerating chamber is slightly displaced.	<ul style="list-style-type: none"> ▶ Please rotate the adjustment foot to adjust the parallelism of the door. Please refer to page 7.
The door cannot be closed.	<p>Is the food bag clamped by the door, or is the food placed beyond the shelf, causing a gap?</p>  <ul style="list-style-type: none"> ▶ Please take out the clamped foods. Please do not let food go beyond the shelf.
	<p>Does the food in the containers of the freezing chamber or the fruit and vegetable chamber touch the sliding box above? Does the food fall to the inner side of the freezing chamber?</p> <ul style="list-style-type: none"> ▶ Do not let the food touch the sliding box. Please refer to page 13. Please take away the food that has fallen to the inner side of the freezing chamber.
	<p>Does the refrigerator lean forward?</p> <ul style="list-style-type: none"> ▶ Please rotate the adjustment foot to keep the refrigerator level. Please refer to page 7. If it cannot be adjusted, please contact the dealer or call the service hotline.
	<p>Are excessively tall food or seasonings placed on the movable rack?</p> <ul style="list-style-type: none"> ▶ Do not place excessively tall food or seasonings on the movable rack. Please refer to page 12.
The refrigerator shakes when the door is opened and closed.	<ul style="list-style-type: none"> ▶ Please adjust the adjustment feet on the left and right sides of the bottom of the refrigerator until the refrigerator is stable and does not shake. Please refer to page 7. If the adjustment of the adjustment feet cannot stabilize the refrigerator, please place a board under the adjustment feet.

The following conditions are normal

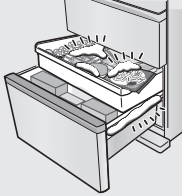
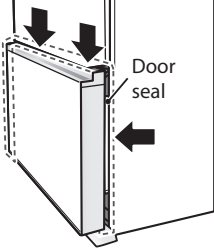
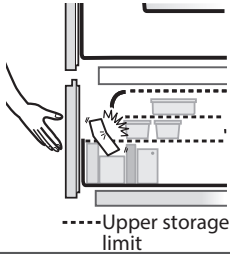
Phenomena	Confirmation items · causes/countermeasures
It's very laborious to open the door just after closing it.	The air entering the refrigerator is quickly cooled, resulting in the pressure inside the refrigerator to be temporarily lower than the outside. Therefore, opening the door will be laborious.
The moment the door is closed, other doors may be opened.	Other doors are pushed open by the wind pressure generated by closing the door.

About the operation panel

Phenomena	Confirmation items · causes/countermeasures
Light flashes.	<p>Do the lights of 「快速冷凍」 and 「快速製冰」 keep flashing?</p> <ul style="list-style-type: none"> ▶ If the refrigerator malfunctions, please contact the dealer or call the service hotline.

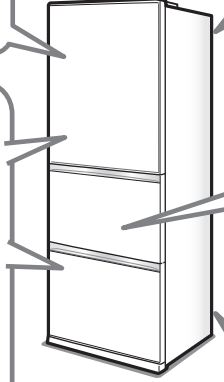
Malfunctions ...Continued

About condensation, frosting, and leakage

Phenomena	Confirmation items · causes/countermeasures
<p>Frosting occurs in the freezing chamber.</p> 	<p>Is too much food put in, resulting in a gap in the door seal? ※ For better explanation, the door of the fruit and vegetable chamber is omitted in the illustration. When too much food is put in, the door cannot be completely closed, resulting in a gap in the door seal and frosting. Even a small gap can lead to frosting.</p>  <p>▶ Do not allow food stored to exceed the storage limit. Please confirm whether there is a gap around the door seal.</p>  <p>-----Upper storage limit</p>
<p>Condensation occurs on the outside of the refrigerator.</p>	<p>Is the humidity too high? Is the door not properly closed? ▶ Please wipe off the condensed water with a dry cloth.</p>
<p>The inside condensation of fruit and vegetable chamber or the refrigerating chamber.</p>	<p>Is the door opened frequently or left open for a long time? Is the door not properly closed? ▶ Due to a high degree of moisturizing, condensation sometimes occurs on bottle and can foods. Please wipe off the condensed water with a dry cloth.</p>
<p>Water leaks into the refrigerator or on the floor.</p>	<p>When adding water, does the water exceed the water level of the water tank? ▶ The water in the water tank cannot exceed the water level. Please refer to page 14.</p> <p>Is the water receiver installed in place? ▶ Please install the water receiver correctly. Please refer to page 20.</p> <p>Is the cleaning opening at the bottom of the fruit and vegetable container properly installed? ▶ Please install the cap of the cleaning opening correctly. Please refer to page 13.</p>

About the sound

Abnormal sounds ... the following conditions are normal.



The inside of the refrigerator
Beep and Hiss are the sounds of parts rubbing against each other due to temperature changes. This sound is easy to start after the door of the refrigerating chamber is opened for about five seconds.

Near the back
Sizz is the sound of the refrigerant flowing. It rings easily during defrosting.
 In the summer... about once a day
 In the winter... about once every two days

Near the water tank
Whoosh is the sound of the water supply pump. They sound once every two hours and last about three seconds each time. (about once an hour during quick ice making)

When the fruit and vegetable chamber is open
Puff is the sound of the cooling fan spinning. When the door of the fruit and vegetable chamber is opened, the fan in the refrigerator will not stop spinning, so it is easy to hear the sound of the spinning fan.

Near the ice maker
Hum is the sound of the ice tray rolling.
Dong Dong is the sound of ices falling. They sound once every two hours and last about three seconds each time. (about once an hour during quick ice making) [停止製氷] can be set to stop such sounds.

Lower part of the refrigerator
Fizz is the sound of the running compressor. In the summer or when the refrigerator starts to run for quick freezing and quick ice making, the sound of the compressor will become louder.

Please refer to page 14.

Please pay attention to the following occasions

Thudding and Dong Dong

- Is the floor firm?
- Does the refrigerator touch the surrounding walls?
- Is the refrigerator placed steadily?
- Are water supply pumps and pipes of the water tank installed correctly?

Please refer to page 21.

Alarm sound

- Is the door not properly closed?
 If the alarm sound does not stop after all doors are closed, please call the service hotline. (When the alarm sound cannot be stopped, you can pull out the power plug and wait five minutes before plugging it back in. The alarm sound will stop after three minutes.)

Others

Phenomena	Confirmation items · causes/countermeasures
There are bad smells in the refrigerator	Are foods that have strong smells (scallion, ginger, garlic, etc.) put in the refrigerator without being packaged in plastic wrap or airtight containers? ▶ The smell of the foods itself cannot be eliminated. If you are worried about the spread of the smell, please package the foods in an airtight manner.

The following conditions are normal

Phenomena	Confirmation items · causes/countermeasures
The outside of the refrigerator and the door seal are hot	The built-in heat dissipation tube is hidden around the refrigerator to prevent water from condensing on the refrigerator. When the refrigerator is just running or the ambient temperature is too high, the temperature on the outside of the refrigerator is slightly high, but this will not affect the food inside the refrigerator.
Stickiness inside the refrigerator	To facilitate the operation, the boxes and guide rails are coated with lubricants, which comply with the Japanese food hygiene law. If the lubricants accidentally adhere to other parts, please wipe them off.
Dimness inside the refrigerator	Is the light in the refrigerator blocked by the food? ▶ Please remove the food blocking the light.

Carrying or Moving House



Warning



Prohibition

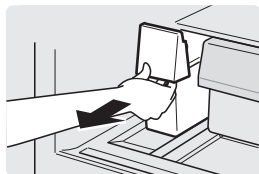
Avoid damage to the refrigeration circuit on the back or sides of the refrigerator.

Before moving or carrying

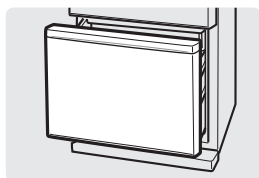
1 Take out the foods in the refrigerator

2 Dump the water from the ice tray.

- (1) Take out the water tank and dump the remaining water.



- (2) Open the door of the freezing chamber, press **製冰** for about 10 seconds until you hear a beeping sound, and then close the door of the freezing chamber.



After the door of the freezing chamber is closed, the light of 「快速製冰」 starts to flash.



At this point, the ice tray begins to rotate, and water and ice are automatically dumped into the ice storage box. Therefore, be sure to close the door of the freezing chamber.

- (3) After the light of 「快速製冰」 stops flashing, open the door of the freezing chamber and dump the water and ice from the ice storage box.
- (4) Wash the sliding box on the upper layer of the freezing chamber, ice scoop, and water tank with water. Then wipe up the remaining water and put them back in place.

3 Pull out the power plug.

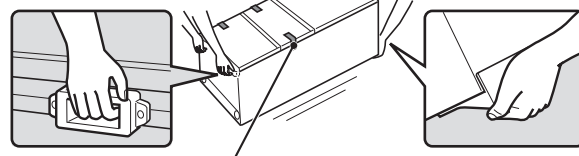
4 Remove the front decorative panel.
If anti-overturning devices are installed, they must be removed.

5 Pull the refrigerator forward to pull it out.

Moving and carrying

More than two people are needed to carry the refrigerator.

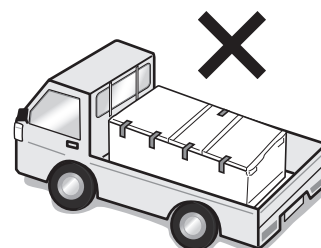
- When moving the refrigerator back and forth, lean the refrigerator slightly backward. There are casters at the bottom of the refrigerator.
- When carrying the refrigerator, please lay a protective mat on the passageway first. Otherwise, the water that is not completely discharged from the evaporating pan may spill on the floor.
- When carrying the refrigerator, be sure to hold the handle instead of the door handle or door. Otherwise, the refrigerator may fall and be damaged, or people may be injured.



To prevent the refrigerator door from opening automatically, please seal it with tape.

Moving house

- Please do not put the refrigerator flat, otherwise the compressor will malfunction.



Specifications



Items	Technical data
Model number	GR-RM424WE-PMA(37)
Stars	✱✱✱
Climate type	N/ST
Electric shock-proof protection	I
Total Storage volume	268L
Net Storage volume of refrigerating chamber	171L
Net Storage volume of freezing chamber	54L
Net Storage volume of fruit and vegetable chamber	43L
Rated voltage	220V~
Rated power	50Hz
Freezing capacity	3.0kg/12h
Rated current	0.85A
Rated input power for defrosting	135W
Power consumption	260(kW·h)/a
Input power for lighting	2.0W
Energy efficiency Grade	Grade 1
Noise value	39dB(A)
Refrigerant and loading amount	R600a 67g
Foamed material	Cyclopentane (C ₅ H ₁₀)
Weight	68kg
Dimensions (width × depth × height)	600mmX671mmX1643mm

- Maximum pushing depth excluding handles and adjustment feet: 665 mm

About the freezing chamber

The freezing chamber of this refrigerator is rated as ✱✱✱ stars.

About the fruit and vegetable chamber

The fruit and vegetable chamber of this refrigerator is the **cellar compartment**.

About automatic defrosting

The defrosting of this refrigerator can be carried out automatically, so manual defrosting is not needed.

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

Accessories

	GR-RM424WE-PMA(37)
Movable shelf	One
Two-stage movable shelf	One
Quick-cooling fresh-keeping box	One
Top plate of the quick-cooling fresh-keeping box	One
Water tank	One
Door rack	One
Door rack (small)	One
Double bottle rack	One
Egg holder	One
Sliding box of the fruit and vegetable chamber	One
Fruit and vegetable container	One
Sliding box on the upper layer of the freezing chamber	One
Sliding box on the lower layer of the freezing chamber	One
Ice scoop	One
Water receiver	One
Freezing storage container	One
Front decorative panel	One

Chamber Specifications

Ambient temperature	Defrosting interval	Time	Specific conditions
32°C	Minimum defrosting interval (Δt d-min)	10h	The freezing chamber cannot reach the set temperature due to heavy use.
	Maximum defrosting interval (Δt d-max)	96h	No door opening and closing action, and no special mode set

TOSHIBA