

GENERAL

OPERATING MANUAL 使用說明書

INVERTER

**HEAT & COOL MODEL
(REVERSE CYCLE)
ROOM AIR CONDITIONER
WALL MOUNTED TYPE
暖氣 & 冷氣機型
(反向循環)**

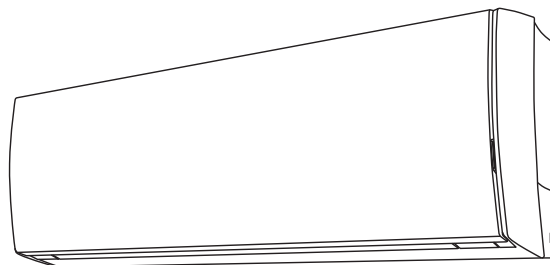
**室內空調機
壁掛式**

**Indoor Unit
室內機組**

**ASWG09LTCA
ASWG14LTCA
ASWG18LTCA**

**Outdoor Unit
室外機組**

**AOWG09LTCA
AOWG14LTCA
AOWG18LTCA**



English

繁體
中文

**KEEP THIS OPERATION MANUAL
FOR FUTURE REFERENCE**
請妥善保管本使用說明書，以便日後參考



FUJITSU GENERAL LIMITED

PART NO. 9315345554

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安全注意事項

- 在使用本機之前，請仔細閱讀「注意事項」，並以正確方法操作。
- 本部份的說明均與安全事項有關，請在操作時注意安全。
- 「警告」和「注意」在此說明中有以下意義：

 警告	本標誌表示如程序失當，有可能導致用戶或維修人員死亡或嚴重人身傷害。
 注意	本標誌表示如程序失當，有可能導致用戶人身傷害或財物受損。

警告

- 請勿嘗試自行安裝本空調機。
- 本機組內沒有配備用戶可自行維修的零件，若需維修請與授權的維修人員聯絡。
- 移機時，請聯絡授權的維修人員拆卸及安裝空調機。
- 請勿長時間讓冷風直接吹到身上。
- 請勿將手指或物件插入出風口或進氣口格柵。
- 請勿採用關閉電氣斷路器等方式啟動/停止空調機運轉。
- 注意不要損壞電源線。
- 若本設備的電源線已損壞，由於需要使用專用工具和專用電線，因此必須請授權的維修人員進行更換。
- 若空調機故障（燃燒氣味等），請立即停止使用，關閉電氣斷路器，並聯絡授權的維修人員。
- 在冷媒外漏的情況下，請務必遠離火或任何易燃物。（請聯絡授權的維修人員）

注意

- 使用時要不定時地進行室內通風。
- 請勿讓氣流直接吹向壁爐或取暖設備。
- 請勿攀爬到空調機上或在其上放置物件。
- 請勿在室內機組上懸掛物件。
- 請勿在空調機上放置花瓶或盛水容器。
- 請勿將其他任何電器或家用品放在室內機組或室外機組下方。機組滴水可能會把它們弄濕，而且可能造成財產損壞或故障。
- 請勿將空調機直接置於有水的環境中。
- 請勿用濕手操作空調機。
- 請勿直接拉扯電源線。
- 當長期不使用空調機時請關閉電源。
- 請檢查安裝支架的安裝是否存在損壞。
- 請勿讓氣流直接吹向動植物。
- 請勿飲用空調機排出的水。
- 請勿用於儲藏食品、動植物、精密儀器設備或藝術品等用途。
- 安裝或維護機組時，請勿觸摸室內或室外機組內置熱交換器的鋁片，以免受到人身傷害。
- 暖氣運轉時連接閥會變熱；操作時請小心。
- 請勿向散熱片施加重壓。
- 必須裝上空氣過濾網後才能使用。
- 請勿阻塞或遮蓋進氣口格柵和出風口。
- 必須讓任何其他電子設備與室內或室外機組保持 1 米以上的距離。
- 請避免在壁爐或其他取暖裝置附近安裝空調機。
- 當安裝室內和室外機組時，請注意不要讓嬰幼兒靠近。
- 請勿在空調機附近使用易燃性氣體。
- 本機並非設計給身體、感覺或心智功能不足者（包括孩童）、或缺乏經驗及知識者使用，除非有能確保其安全者給予監督或指導，才能使用本機。兒童應在適當的監督下使用本機，以避免讓孩童戲玩本機。

特點與功能

■ 省電與舒適功能

變頻器

開機之初，機組以大功率運轉，使室內溫度快速達到所指定的溫度。隨後，機組自動切換到小功率設定，進行省電、舒適的運轉。

人體感測器（離席節電）

當感測器偵測到室內沒有人時，會自動降低運轉功率。降低消耗功率可節省電費。

省電運轉

在省電模式下運轉時，室溫會在冷氣模式中比設定溫度略高，而在暖氣模式中比設定溫度略低。因此，省電模式能比其他正常模式節省更多能源。

搖擺運轉

氣流方向導向板自動上下搖擺，使氣流能吹到室內每個角落。

自動切換

運轉模式（冷氣、除濕、暖氣）將自動切換以維持設定的溫度，使溫度一直保持恆定。

超靜音運轉

室內機組的氣流將減弱以便更安靜地運轉。

10°C 暖氣運轉

室溫可維持在 10°C，從而避免室溫降得太低。

外機靜音運轉

外機靜音運轉模式可控制送風速度和壓縮機轉速，以降低室外機組的噪音。當周圍環境安靜時，例如在深夜，此功能非常有效。

*此功能不適用於多聯型空調機。

■ 便捷功能

每週定時

您可以選擇星期一到星期日之間任何一天，任意設定溫度設定和定時功能的組合。

您可以在一天中設定最多四組開機定時或關機定時。

程式定時

程式定時可以將關機定時和開機定時操作組合成一個單一程式來使用。本程式可以在 24 小時內進行一次從關機定時到開機定時或從開機定時到關機定時的動作。

睡眠定時

如果在暖氣模式中按下 SLEEP (睡眠) 按鈕，在運轉期間室內機組的溫度設定會逐漸降低；而如果在冷氣模式中，在運轉期間溫度設定會逐漸升高。當預定時間到達時，室內機組將自動關閉。

強力運轉

本機將以最大功率運轉，當您要使房間快速降溫或升溫時，此功能很方便。

■ 清潔功能

防霉過濾網

空氣過濾網經過處理可防止霉菌生長，令空氣更清新更容易保養。

蘋果茶素抗菌過濾網

蘋果茶素抗菌過濾網使用靜電來清潔含微粒和灰塵的空氣，例如香煙霧和看不見的花粉。過濾網包含對消滅各種細菌很有效的兒茶酸，能抑制吸入過濾網的細菌繼續生長。

請注意，已安裝抗菌過濾網時，會降低所產生的氣流量，造成室內機組效果稍許下降。

負離子除臭過濾網

包含陶瓷超微粒，可產生具有除臭效果的空氣負離子，能吸收並緩和家中異味。

■ 遙控器

無線遙控器

使用無線遙控器可方便地控制室內機組運轉。

有線遙控器（選購）

可使用選購的有線遙控器。使用有線遙控器時，與使用無線遙控器有以下不同之處。

您可同時使用有線遙控器和無線遙控器。（但功能有限制）要使用遙控器上限制的功能時，會發出嗶聲，室內機組的運轉、定時及第三個指示燈會閃爍。

[無線遙控器的限制功能]

- 人體感測器（離席節電）
- 10°C 暖氣運轉
- 外機靜音運轉
- 每週定時
- 開機/關機定時
- 程式定時
- 睡眠定時
- 強力運轉

各部分名稱

室內機組

開放面板

運轉時打開，停止運轉時關閉。

- 打開／關閉面板時，請勿用手觸摸面板或將手指伸入。否則可能會夾傷手指。
- 請勿用手移動面板。如果強行移動，蒸氣可能凝聚在出風口導向板附近並滴水，可能會導致故障。
- 請勿在面板上掛物品，或面板打開時放入物品。可能會導致故障。

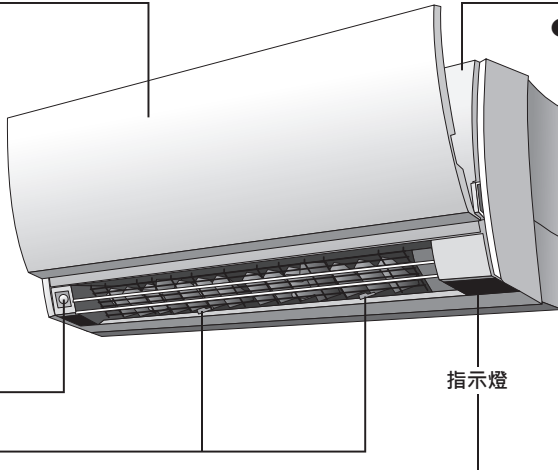
進氣口格柵

- 運轉開始時，請確認進氣口格柵完全關閉。（請參閱第 19 頁。）否則可能會影響空調機的動作及性能。

人體感測器

左右導向板

（在氣流方向導向板後面）



遙控器信號接收器和 MANUAL AUTO (強制自動) 按鈕

- 當遙控器內的電池電量耗盡，或遙控器丟失時，按 MANUAL AUTO (強制自動) 按鈕可恢復應急運轉。
- 按住 MANUAL AUTO (強制自動) 按鈕 10 秒鐘以上，強制冷氣運轉即會啟動。
- 只能在安裝時使用強制冷氣運轉。只有授權的維修人員才能使用。
- 萬一強制冷氣運轉被啟動，請按 START/STOP (啟動/停止) 按鈕以停止運轉。



運轉指示燈 (綠色)

正常運轉時亮起，自動除霜運轉時緩慢閃爍。

定時指示燈 (橙色)

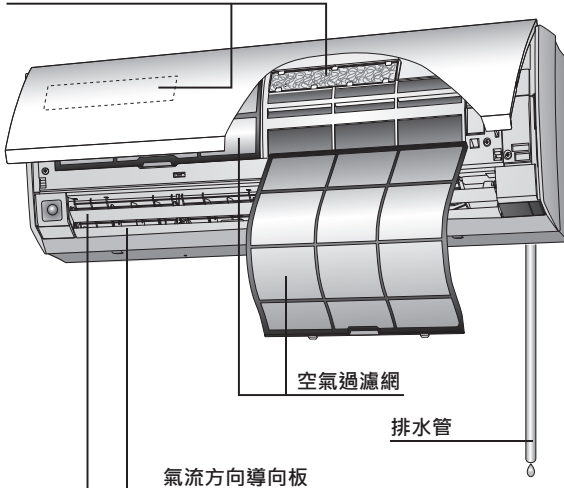
定時運轉時，如果定時指示燈閃爍，表示定時設定發生故障。（參見第 22 頁）。

省電指示燈 (綠色)

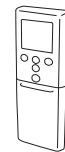
省電運轉及 10°C 暖氣運轉時省電指示燈會亮起。

打開進氣口格柵 (參見第 19 頁)

抗菌過濾網



室內機組的附件



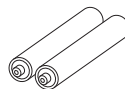
遙控器



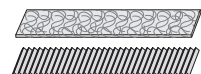
遙控器
支架



自攻螺絲
(M3 x 12 mm)

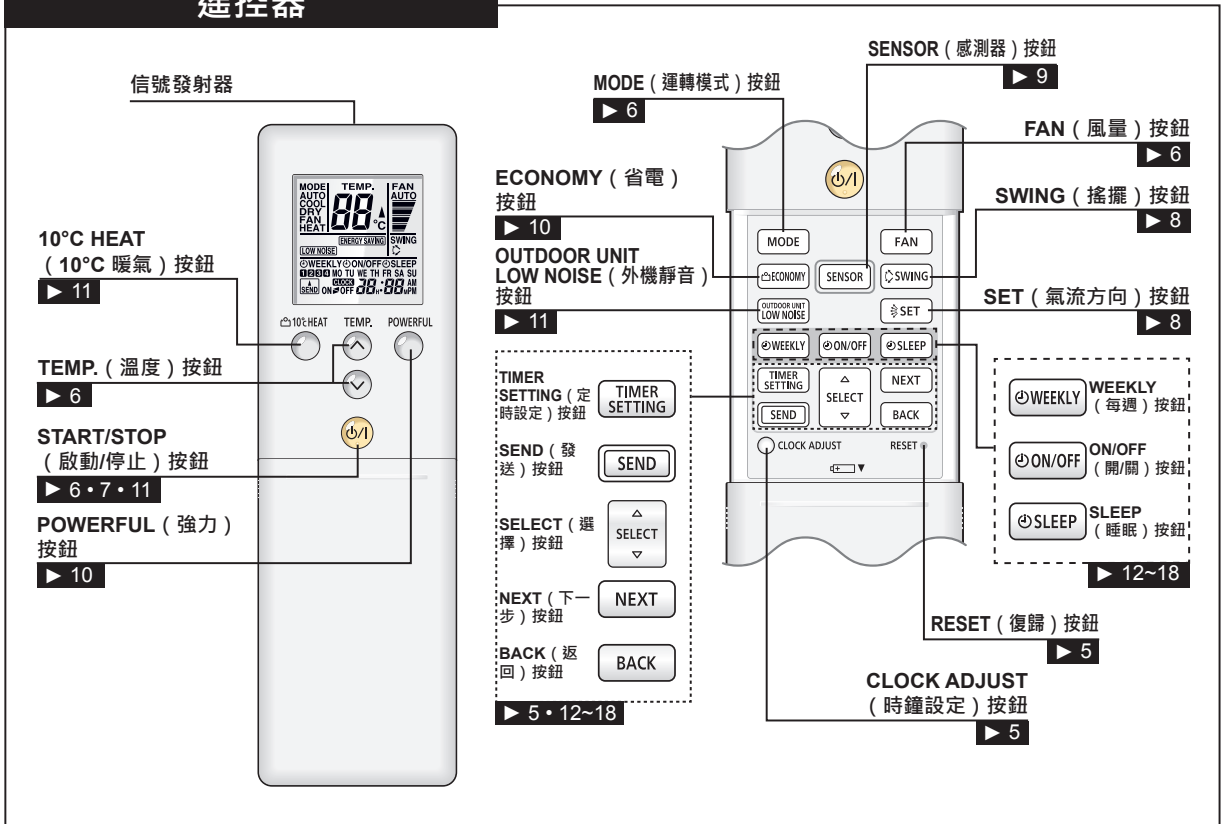


電池

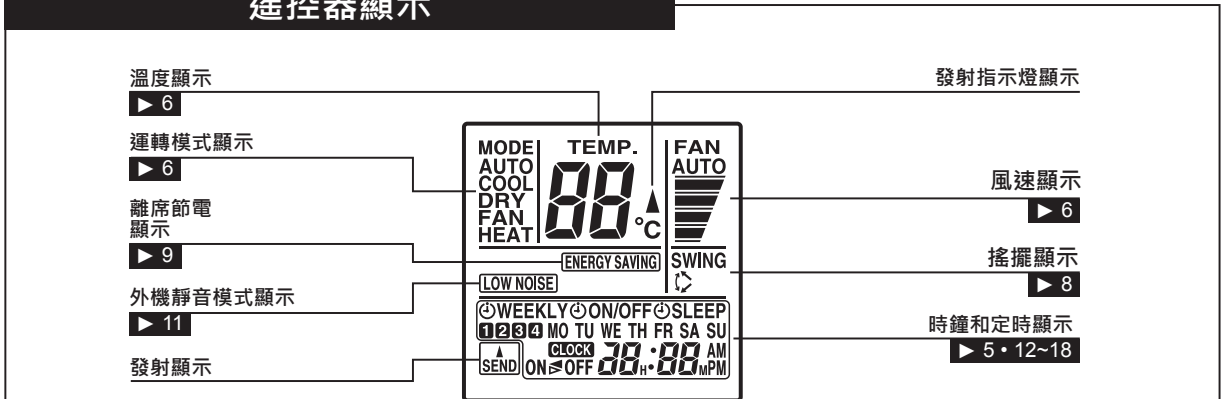


抗菌過濾網

遙控器



遙控器顯示

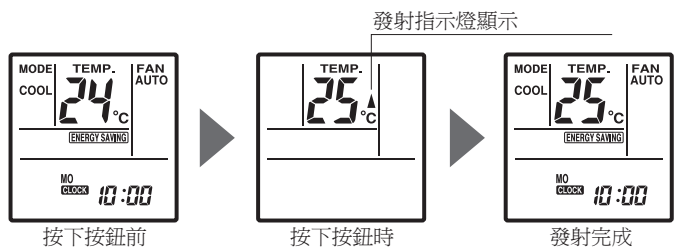


為了方便說明，將附圖說明所有會出現的指示器。但在實際操作中，只會顯示與當前操作相關的指示器。

■ 關於遙控器的按鈕操作和顯示

按下遙控器上的按鈕後，只會顯示運轉的部分，直到信號發射完成。該便捷功能可以輕鬆確認操作內容。

例如) 在冷氣運轉時將預設溫度從 24°C 變為 25°C。



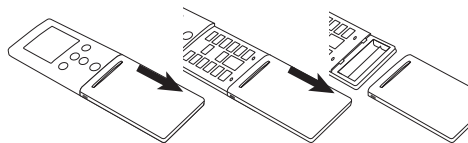
準備

開啟電源

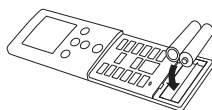
開啟斷路器

裝入電池 (R03/LR03/AAA × 2)

- 1 滑開前蓋，使之打開。
向箭頭方向滑動。



- 2 裝入電池。
請務必按照正確的極性方向 (+ / -) 裝入電池。



- 3 關上前蓋。

設定每週日期和當前時間

- 1 按 **CLOCK ADJUST** (時間設定) 按鈕 **CLOCK ADJUST**。

- 2 按 **SELECT** (選擇) 按鈕 ，選擇每週日期。

MO → TU → WE → TH → FR → SA → SU

- 按 **NEXT** (下一步) 按鈕

- 3 按 **SELECT** (選擇) 按鈕 ，將時鐘調節為當前時間。

按鈕：按下使時間前進。

按鈕：按下使時間後退。

(每按一次這兩個按鈕，時間分別以 1 分鐘為單位前進/後退。按住這兩個按鈕，可分別快速以 10 分鐘為單位更改時間。)

按 **TEMP.** (∞) (溫度) 按鈕，可將時間格式從 24 小時制變為 12 小時制。

- 4 按 **SEND** (發送) 按鈕 。

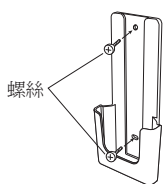
將完成時間設定並啟動時鐘。

- 當您靠近主機時，按 **SEND** (發送) 按鈕。如果在遠離主機時執行此操作，信號可能無法正確發送，而無法指定正確設定。

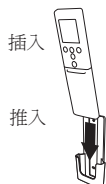
使用遙控器的方法

- 遙控器必須指向信號接收器才能正常操作。
- 操作範圍：大約 6 m。
- 當空調機正常接收到信號時，會聽到嗶聲。
- 如果沒有聽到嗶音，再按一次遙控器按鈕。

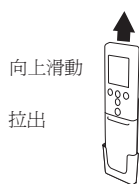
遙控器支架



1 安裝支架。



2 安放遙控器。



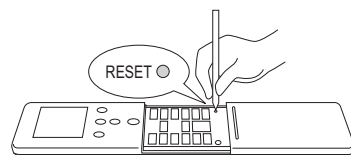
3 取出遙控器 (以便手持使用)。

注意

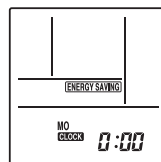
- 注意不要讓孩童誤吞入電池。
- 如果有一段時間不使用遙控器，請將電池卸下，以防發生電池電解液洩漏和設備損壞。
- 若洩漏的電池電解液接觸皮膚、眼睛、或口，請立即用大量清水沖洗，並儘快就醫。
- 已耗盡的電池要儘快取出並妥善處理，可投入公共電池回收點或送回適當的經銷商。
- 請勿試圖進行電池充電。

切勿混用新舊電池或不同種類的電池，也不要一起使用充電電池或其他種類的電池。

正常使用的情况下，電池大約可以持續 1 年時間。如果遙控器的遙控距離顯著縮短，請更換電池，並使用圓珠筆尖或其他細小物件按下 **RESET** (復歸) 按鈕。



禁止



在初始狀態中 (或重新設定時)，將啓用離席節電。(請參閱第 9 頁。)

注意

- 如果遙控器和接收器之間有幕牆或牆壁，則無法傳達信號。
- 接收器接收到強光時，空調機可能無法正確運轉。避免直接接觸到陽光，並將接收信號的部分遠離光線和平面電視螢幕。
- 在有熒光燈 (倒相熒光燈等) 的房間內可能無法接收到信號。在此情況下，請諮詢您購買產品的商店。
- 請將遙控器放在不會受到直射陽光和加熱器影響的地方。
- 請勿強烈撞擊或使水進入遙控器。

運轉

啟動運轉

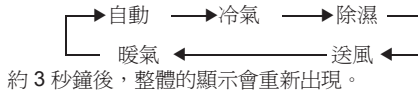
按 **START/STOP** (啟動/停止) 按鈕 。

室內機組的運轉指示燈 (綠色) 亮起。
空調機開始運轉。


選擇運轉模式

按 **MODE** (運轉模式) 按鈕  選擇所需要的模式。

每按一次本按鈕，模式按如下順序更改。



設定溫度

按 **TEMP.** (溫度) 按鈕 。

- ▲ 按鈕：按此按鈕調高溫度設定。
- ▼ 按鈕：按此按鈕調低溫度設定。

● 溫度設定範圍：


自動.....	18-30°C
冷氣/除濕.....	18-30°C
暖氣.....	16-30°C

在送風模式下，不能使用溫度來設定室溫 (不會在遙控器顯示屏上顯示溫度) 。

約 3 秒鐘後，整體的顯示會重新出現。

溫度設定只能作為標準值，可能與實際室溫有少許差異。

設定風速

按 **FAN** (風量) 按鈕 。

每按一次本按鈕，風速按如下順序更改：



約 3 秒鐘後，整體的顯示會重新出現。

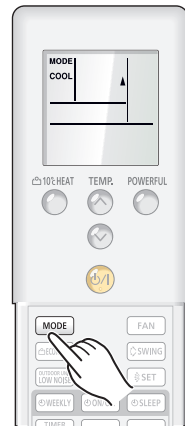
設定為自動時：

- 暖氣：** 送風運轉以使暖氣保持最佳循環狀態。
但是，當室內機組排出的風溫較低時，風扇將以極低的速度運轉。
- 冷氣：** 室溫接近溫度設定時，風速將變慢。
室溫接近設定溫度時，室內風扇可能會不定時停止，以節省能源。
- 送風：** 風扇以中速運轉。

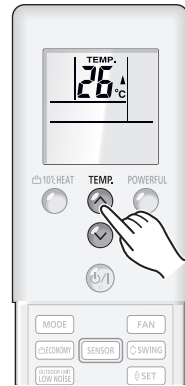
超靜音運轉

開始超靜音運轉。室內機組的氣流將減弱以便更安靜地運轉。

- 在除濕模式中不能使用超靜音運轉。(同樣，在自動模式運轉期間選擇了除濕模式時也不能使用。)
- 在靜音運轉期間，暖氣及冷氣性能將稍有降低。使用靜音運轉時，如果室內沒有變暖/變冷，請調整室內機組的風速。



示例：設定為冷氣時。



示例：設定為 26°C 時。



示例：設定為自動時。

運轉

關於自動切換運轉

自動：

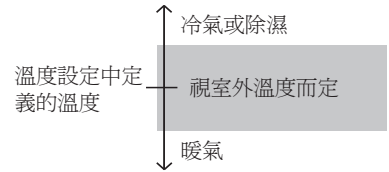
- 首先選擇了自動切換運轉時，風扇會以低速運轉幾分鐘，在該時間內，機組將偵測室內條件，並選擇合適的模式。

室溫高於溫度設定中定義的溫度 → 冷氣模式或除濕模式

室溫接近溫度設定中定義的溫度 → 視室外溫度而定

室溫低於溫度設定中定義的溫度 → 暖氣模式

- 當室內機組已將室內溫度調節到溫度設定的溫度附近時，將開始溫度監控運轉。在監控運轉模式中，風扇將以低速運轉。若隨後室溫發生變化，室內機組將再次選擇合適的運轉（暖氣、冷氣）模式，將溫度調節到溫度所設定的值。
- 若室內機組自動選擇的模式不是您想要的模式，請在各運轉模式（暖氣、冷氣、除濕、送風）中選擇所需模式。



關於各運轉模式

- 暖氣：**
- 為房間供暖。
 - 選擇了暖氣模式時，室內機組將以低速運轉約 3 至 5 分鐘，然後轉換到所選擇的送風設定。室內機組利用這段時間進行預熱，然後開始全速運轉。
 - 室外溫度非常低時，室外機組可能會結霜，其性能可能會下降。為了除霜，空調機將自動不定時進入除霜循環。在自動除霜運轉期間，運轉指示燈將閃爍，暖氣運轉將中斷。
 - 暖氣運轉啟動後，室內溫度要在一段時間後才會暖起來。
- 冷氣：**
- 為房間供冷。
- 除濕：**
- 除濕的同時，為室內提供清涼的環境。
 - 除濕模式期間，不能為房間供暖。
 - 除濕模式期間，室內機組將以低速運轉；為了調節室內濕度，室內機組的風扇可能不定時停止運轉。另外，當調節室內濕度時，風扇可能以極低的速度運轉。
 - 選擇了除濕模式時，無法手動調節風速。
- 送風：**
- 用於使整個房間保持空氣流通。

在暖氣模式中：

請將溫度設定為高於當前室溫。若溫度設定為低於實際室溫，暖氣模式將不會運轉。

在冷氣/除濕模式中：

請將溫度設定為低於當前室溫。若溫度設定為高於實際室溫，冷氣和除濕模式將不會運轉（在冷氣模式中，只有送風會運轉）。

在送風模式中：

機組無法為房間供暖或供冷。

停止運轉

按 **START/STOP (啟動/停止)** 按鈕 。

運轉指示燈（綠色）將熄滅。

調整氣流循環方向

按遙控器上的氣流方向按鈕調整氣流的垂直（上下）方向。透過運轉氣流方向導向板，手動調整氣流的水平（左右）方向。無論何時調整水平氣流，都要先啟動空調機運轉，並確定垂直風向導向板停止運轉。

調整垂直風向

按 **SET (氣流方向)** 按鈕 。

每按一次此按鈕，風向範圍按如下順序更改：

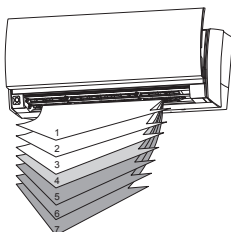
1 ↔ 2 ↔ 3 ↔ 4 ↔ 5 ↔ 6 ↔ 7

風向設定類型：

1、2、3：在冷氣/除濕模式中

4、5、6、7：在暖氣模式中

遙控器上的顯示不改變。



● 在上述範圍內調整風向。

● 垂直風向依據所選的運轉類型自動設定，如下所示。

在冷氣/除濕模式中：水平風向 1

在暖氣模式中：向下風向 6

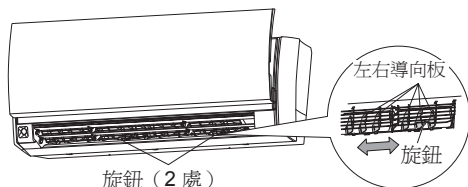
● 在自動模式運轉期間，開始運轉後的第一分鐘內風向是水平 1；在此期間無法調整風向。

暖氣模式啟動時氣流溫度較低，氣流方向設定會暫時變為 1。

左右調整

調整左右導向板。

● 運轉左右導向板，調整為您所需的風向。




搖擺運轉

本機可將氣流通風口上下運轉，讓冷氣或暖氣分散到房內的各個角落。

選擇搖擺運轉

按 **SWING (搖擺)** 按鈕 。

SWING (搖擺) 顯示「SWING」亮起。

在此模式下，氣流方向導向板會自動引導氣流上下搖擺。

停止搖擺運轉

再按一次 **SWING (搖擺)** 按鈕 。

SWING (搖擺) 顯示「SWING」熄滅。

風向將恢復到開始搖擺之前的設定。

關於搖擺運轉

在冷氣/除濕模式中：在 1 至 4 之間搖擺。

在暖氣模式中：在 4 至 7 之間搖擺。

● 空調機的風扇未運轉或以極低的速度運轉時，搖擺運轉可能暫時停止。

警告

● 切勿將手指或異物放入出風口，否則由於內部風扇的轉速很高，可能導致人身傷害。

● 請務必使用遙控器上的 SET (氣流方向) 按鈕調整垂直氣流導向板。如果用手直接調整導向板，可能會造成不正常的運轉；在此種情況下，請關機，然後重新啟動。導向板又會恢復正常運轉。

● 使用冷氣和除濕模式時，請勿長時間將氣流方向導向板設定在暖氣範圍（4 至 7）內，因為水蒸氣可能會凝聚在出風口導向板附近，並可能從室內機組滴落。在冷氣和除濕模式期間，如果氣流方向導向板持續處於暖氣範圍超過 30 分鐘，將自動返回位置 3。

● 在有嬰兒、孩童、老人或病人的房間內使用時，請細心設定風向和室溫。

注意

● 調整左右導向板時，必須先停止垂直（上下）導向板，確定完全停止後再調整方向。

人體感測器 (離席節電)

當房間內沒有人有一段時間後，此功能會自動控制溫度設定，以免浪費電力。

啟用離席節電

購買時預設為離席節電。

按 **SENSOR (感測器)** 按鈕 。

遙控器上的「**ENERGY SAVING**」會閃爍。

- 離席節電已設定。
- 在離席節電設定關閉前保持亮起。

停用離席節電

按 **SENSOR (感測器)** 按鈕 。

遙控器上的「**ENERGY SAVING**」不再顯示。

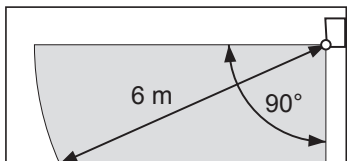
- 離席節電已關閉。

關於離席節電運轉

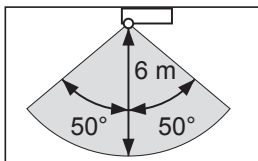
如果約 20 分鐘後沒有人進入房間，將自動控制設定溫度。
(有人回到房間時，人體感測器將偵測到房間內有人並自動恢復原始設定。)

運轉模式	運轉細節 (房間內沒有人有一段時間後)
冷氣模式/除濕	設定溫度將升高最多 2°C 左右。
暖氣模式	設定溫度將降低最多 4°C 左右。
自動運轉	為自動選擇的模式 (冷氣/暖氣/除濕) 執行離席節電功能。

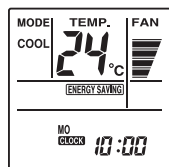
- 適用範圍如下：
垂直角度 90° (側視)



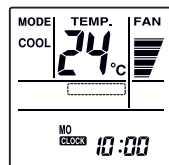
- 水平角度 100° (頂視)



當室溫與設定溫度中定義的溫度差太多時，例如剛開始運轉，離席節電功能可能無法工作。



(設定離席節電時)



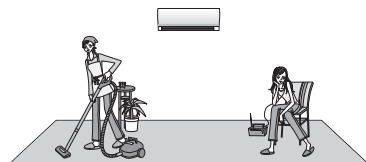
(關閉離席節電時)

- 與睡眠定時一起使用時 (第 14 頁)，以睡眠定時優先。
- 10°C 暖氣運轉時，如果沒有人在房內，設定溫度不會更改。

關於人體感測器

● 人體感測器的偵測細節

- 人體感測器通過尋找房間內的人體動作來偵測房間內是否有人。



注意事項

- 由於人體感測器偵測到人體散發的紅外線，因此可能會發生偵測錯誤的情況。

即使房間內有人，但感測器可能偵測不到

- 氣溫太高，與人體體溫之間的差異太小時。
(例如在氣溫 30°C 以上的夏天)
- 房間內的人長時間沒有移動時。
- 有人被沙發、其他家具、玻璃擋住，或在類似情況下。
- 有人穿著很厚的衣服並且背對感測器時。


即使房間內沒人，但感測器可能偵測錯誤

- 有狗或貓在房間內走動時。
- 風吹動窗簾或樹葉時。
- 電風扇正在運轉時。

強力運轉

本機將以最大功率運轉，當您要使房間快速降溫或升溫時，此功能很方便。
執行該步驟之前，請先啟動空調機運轉。


使用強力運轉

按 **POWERFUL (強力)** 按鈕 。

只有此按鈕操作的嗶聲與其他操作不同。

強勁運轉啟動：嗶 3 聲（嗶嗶嗶！）/其他：嗶 2 聲（嗶嗶！）

停止強力運轉

再按一次 **POWERFUL (強力)** 按鈕 。
開始正常運轉。

關於強力運轉

- 冷氣/除濕 ● 當室溫下降到設定溫度，或設定強力運轉模式後經過 20 分鐘，強力運轉模式會自動關閉。但是，設定強力運轉模式後，在一段時間內不會自動關閉。
- 暖氣/除濕 ● 當室溫上升到設定溫度，或設定強力運轉模式後經過 20 分鐘，強力運轉模式會自動關閉。但是，設定強力運轉模式後，在一段時間內不會自動關閉。
- 風向和氣流速度會自動設定為強力運轉模式。可透過風向調節按鈕改變風向。
- 無法同時設定強力運轉和離席節電運轉模式。
最後按下的遙控器按鈕功能優先。
- 如果在設定「**LOW NOISE**」或「**ENERGY SAVING**」時設定為強力運轉，強力運轉結束時，將執行「**LOW NOISE**」或「**ENERGY SAVING**」。

省電運轉

執行該步驟之前，請先啟動空調機運轉。

使用省電運轉

按 **ECONOMY (省電)** 按鈕 。

省電指示燈（綠色）亮起。

開始省電運轉。

停止省電運轉

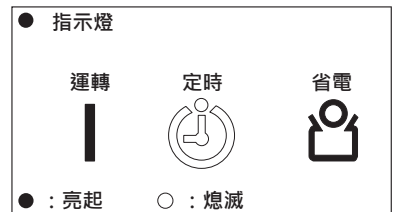
再按一次 **ECONOMY (省電)** 按鈕 。

省電指示燈（綠色）熄滅。

開始正常運轉。


關於省電運轉

- 在省電模式下運轉時，室溫會在冷氣模式中比設定溫度略高，而在暖氣模式中比設定溫度略低。因此，省電模式能比其他正常模式節省更多能源。
- 針對單機式空調機，省電運轉的最大輸出約是空調機在正常供冷和供暖操作時的 70%。
- 針對多聯型空調機，只有設定的室內機組可以使用省電運轉模式。
- 如果在省電運轉期間，房間無法變冷（或變熱），請選擇正常運轉。
- 在自動模式的監控期間，即使按下 **ECONOMY (省電)** 按鈕而選擇了省電運轉，空調機將不會切換至省電運轉。



10°C 暖氣運轉

使用 10°C 暖氣運轉

按 **10°C HEAT (10°C 暖氣)** 按鈕  。


省電指示燈 (綠色) 亮起。

 10°C HEAT

在 10°C 暖氣運轉模式下，只可使用下列運轉。


-  SET (氣流方向)

停止 10°C 暖氣運轉

按 **START/STOP (啟動/停止)** 按鈕  。

省電指示燈 (綠色) 熄滅。
然後停止運轉。

關於 10°C 暖氣運轉

- 如果室溫很高，不會運轉暖氣模式。
- 可以按 10°C HEAT (10°C 暖氣) 按鈕  將室溫維持在 10°C，從而避免室溫降得太低。
- 針對多聯型空調機，如果其他室內機組用於供暖，啟用「10°C 暖氣」功能房間的室溫會升高。使用「10°C 暖氣」功能時，建議所有的室內機組都處於「10°C 暖氣」模式。



外機靜音運轉


外機靜音運轉模式可控制送風速度和壓縮機轉速，以降低室外機組的噪音。
當周圍環境安靜時，例如在深夜，此功能非常有效。

使用外機靜音運轉

按 **OUTDOOR UNIT LOW NOISE (外機靜音)** 按鈕  。

遙控器上顯示「**LOW NOISE**」。

停止外機靜音運轉

按 **OUTDOOR UNIT LOW NOISE (外機靜音)** 按鈕  。

遙控器上的「**LOW NOISE**」消失。
開始正常運轉。




關於外機靜音運轉

- 在冷氣、暖氣及自動運轉時，可使用外機靜音運轉模式。在送風和除濕模式中無法使用。
- 即使空調機停止，仍會儲存外機靜音運轉設定。遙控器上的顯示也會保留。
- 當室外機組的送風速度和壓縮機轉速已充分降低時，外機靜音運轉模式不會進一步降低送風速度和壓縮機轉速。
- 此外，如果在設定「**LOW NOISE**」或「**ENERGY SAVING**」時設定為強力運轉，強力運轉結束時，將執行「**LOW NOISE**」或「**ENERGY SAVING**」。
- 如果室外氣溫很高，即使已設定此模式，可能無法運轉。
- 如果壓縮機轉速和送風速度很低，即使已設定此模式，可能無法運轉。
- 此功能不適用於多聯型空調機。設定後請放開，否則無法接收無線遙控器的信號。

強制自動操作

萬一遙控器丟失或電池電量耗盡時，可以使用強制自動操作。

如何使用主機控制


在指示器上按 **MANUAL AUTO (強制自動)** 按鈕  3-10 秒鐘。
若要停止運轉，按 **MANUAL AUTO (強制自動)** 按鈕  3 秒鐘。
關於 **MANUAL AUTO (強制自動)** 按鈕 ，請參閱第 3 頁。

- 當使用 **MANUAL AUTO (強制自動)** 按鈕操作空調機，其運轉模式與選擇遙控器上的自動模式時相同 (請參閱第 7 頁)。
- 風速選擇為「自動」，溫度設定將為標準。(24°C)。

開機/關機定時運轉


- 開機定時：空調機將在您設定的時間啟動。
- 關機定時：空調機將在您設定的時間停止。
- 在使用定時功能前，請確定遙控器設定的當前時間正確。

使用開機定時或關機定時


1 按 **TIMER SETTING** (定時設定) 按鈕 。

剛開始，「 WEEKLY」將閃爍，然後按 **SELECT** (選擇)

按鈕 ，選擇「 ON/OFF」中的「ON」或「OFF」。

按 **NEXT** (下一步) 按鈕 。

2 按 **SELECT** (選擇) 按鈕 ，設定所需的開機時間或關機時間。


3 按 **SEND** (發送) 按鈕 。

開機定時時，空調機將停止運轉。

若要中途取消設定，請按 **TIMER SETTING** (定時設定) 按鈕 ，不要按 **SEND** (發送) 按鈕 。

取消開機定時或關機定時

1 顯示「 ON/OFF」時，按 **ON/OFF** (開/關) 按鈕 。

2 遙控器上的「 ON/OFF」會消失。

- 在未顯示「 ON/OFF」時按 **ON/OFF** (開/關) 按鈕 ，針以上次設定的時間，再次設定開機(關機)定時。
- 不能結合每週定時、開機/關機定時(程式定時)及睡眠定時。



「 ON/OFF」·「ON」或「OFF」將閃爍

定時運轉期間停止空調機運轉

按 **START/STOP** (啟動/停止) 按鈕



程式定時運轉


- 程式定時可以將關機定時和開機定時操作組合成一個單一程式來使用。本程式可以在 24 小時內進行一次從關機定時到開機定時或從開機定時到關機定時的操作。
- 在使用定時功能前，請確定遙控器設定的當前時間正確。

使用程式定時


1 按 **TIMER SETTING** (定時設定) 按鈕 。

剛開始，「ON/OFF」將閃爍，然後按 **SELECT** (選擇)

按鈕 ，選擇「ON/OFF」中的「ON≠OFF」。

按 **NEXT** (下一步) 按鈕 。

2 按 **SELECT** (選擇) 按鈕 設定所需的開機時間。

按 **NEXT** (下一步) 按鈕 。


3 按 **SELECT** (選擇) 按鈕 ，設定所需的關機時間。

4 按 **SEND** (發送) 按鈕 。



「ON/OFF」·「ON≠OFF」閃爍。

定時運轉期間停止空調機運轉

按 **START/STOP** (啟動/停止) 按鈕 。




開機定時時，空調機將停止運轉。

若要中途取消設定，請按 **TIMER SETTING** (定時設定) 按鈕 ，不要按 **SEND** (發送) 按鈕 。

取消程式定時


1 顯示「ON/OFF」時，按 **ON/OFF** (開/關) 按鈕 。

2 遙控器上的「ON/OFF」會消失。

- 在未顯示「ON/OFF」時按 **ON/OFF** (開/關) 按鈕 ，針對上次設定的時間，再次設定開機 (關機) 定時。
- 當結合關機定時和開機定時，僅運轉一次。
(關 → 開或開 → 關一次)
- 在關機定時和開機定時二者中，首先啓用的定時功能將是最接近當前時間的定時設定。運轉順序已用箭頭顯示在遙控器的顯示屏 (「◀」或「▶」)。
- 不能結合每週定時、開機/關機定時 (程式定時) 及睡眠定時。
- 程式定時的設定時間不能提前 24 小時以上。

睡眠定時運轉

您要睡覺時，可以將關機定時設定為任何您想要的時間。
本產品會調整為適合睡眠的溫度，讓您睡得舒服。


設定您想要的時間後，下次只要按一次 SLEEP（睡眠）按鈕 ，就能輕鬆設定要啓用的定時。


使用睡眠定時

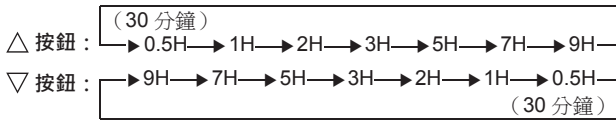
1 按 **TIMER SETTING**（定時設定）按鈕 。


“WEEKLY”將首先顯示閃爍。

按 **SELECT**（選擇）按鈕 ，選擇“SLEEP”。

按 **NEXT**（下一步）按鈕 。

2 按 **SELECT**（選擇）按鈕 ，設定關機時間。




3 按 **SEND**（發送）按鈕 。

若要中途取消設定，請按 **TIMER SETTING**（定時設定）按鈕 ，
不要按 **SEND**（發送）按鈕 。

取消睡眠定時

1 顯示“SLEEP”時，按 **SLEEP**（睡眠）按鈕 。

2 遙控器上的“SLEEP”會消失。

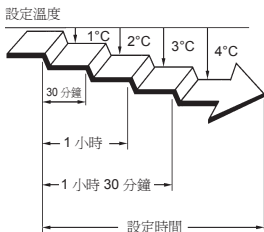
關於睡眠定時

為了防止睡眠期間過冷或過熱，睡眠定時會依據時間設定自動修改溫度設定。預定時間到達後，空調機將完全關閉。

在暖氣運轉期間：

如果設定了睡眠定時，溫度設定每 30 分鐘會自動下降 1°C。當溫度設定值累計下降 4°C 時，從此刻起一直到預定時間此溫度設定將不會再變化，到達預定時間後空調機自動關閉。

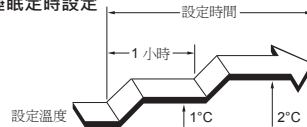
睡眠定時設定



在冷氣/除濕運轉期間：


如果設定了睡眠定時，溫度設定每 1 小時會自動升高 1°C。當溫度設定值累計升高 2°C 時，從此刻起一直到預定時間此溫度設定將不會再變化，到達預定時間後空調機自動關閉。



睡眠定時設定



「OFF」、閃爍。

定時運轉期間停止空調機運轉

按 **START/STOP**（啟動/停止）按鈕 。

- 當不再顯示 SLEEP 時，如果按 **SLEEP**（睡眠）按鈕 ，將再次設定上次設定的睡眠定時。
- 不能結合每週定時、開機/關機定時（程式定時）及睡眠定時。

每週定時運轉

在這些每週定時情況下使用

停止運轉的「關機定時」和開始運轉的「開機定時」可結合，一天最多可預約 4 次（程式 1~4），一週最多可預約 28 次。建立程式前，請先調整星期和時間，然後傳送到空調機。若未調整星期和時間，則無法依照設定的時間執行程式。請參閱 [設定每週日期和當前時間]（第 5 頁）。

設定此項後，將每天、每週執行設定的運轉。

如何設定定時 1 的示例

星期一至星期五

程式 1 設定開機定時為早上 7 點、溫度 24°C。程式 2 設定關機定時為上午 9 點。

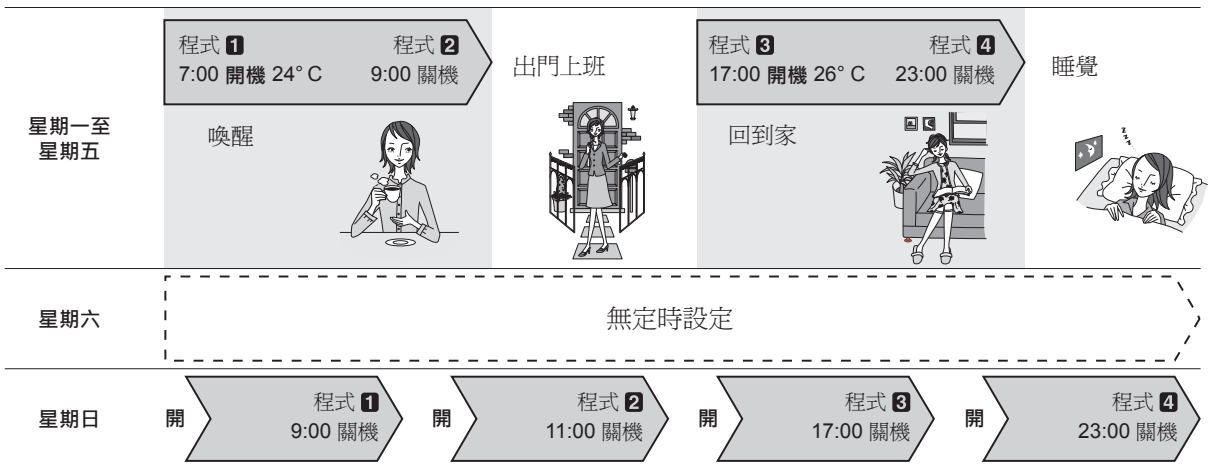
程式 3 設定開機定時為下午 5 點、溫度 26°C。程式 4 設定關機定時為晚上 11 點。

星期六

程式 1~4 無定時設定。

星期日

如果您將程式 1 的關機定時設定為 9:00、程式 2 設定為 11:00、程式 3 設定為 17:00、程式 4 設定為 23:00。



如何設定定時 2 的示例

您可以為每週定時的開機設定指定溫度。

* 您可以在 18°C-30°C 的範圍內設定自動、冷氣和除濕的溫度，暖氣範圍則為 10°C 或 16°C-30°C。

即使設定 10°C、16°C 或 17°C，如果以自動、冷氣或除濕執行本產品，將以 18°C 運轉。

在使用暖氣的季節，即使您設定房間內沒有人時低溫、房間內有人時高溫的詳細設定，空調機仍然會自動切換。



注意

- 溫度設定以外的運轉將與上次停止運轉時相同，因此無法自動設定運轉的冷氣 → 暖氣 → 冷氣 → 暖氣類型。
- 如果將同一次的開機時間和關機時間設定為相同時間，空調機將執行開機時間。如果兩個開機時間設定為相同時間，空調機將執行先設定的程式。
- 如果發生斷電，例如每週定時設定時停電，或是斷路器斷開，空調機的內部定時會不正確。（請參閱第 22 頁「自動重新啟動」。）在此情況下，主要定時指示燈將閃爍通知您，因此請執行對應時間和日期。（請參閱第 5 頁「設定每週日期和當前時間」。）
- 開機/關機不能與睡眠定時一起使用。
在每週定時內使用開機/關機定時、程式定時或睡眠定時後，如果您要在到達時間後按照每週定時執行本產品，必須再次設定每週定時。
（請參閱第 18 頁。）

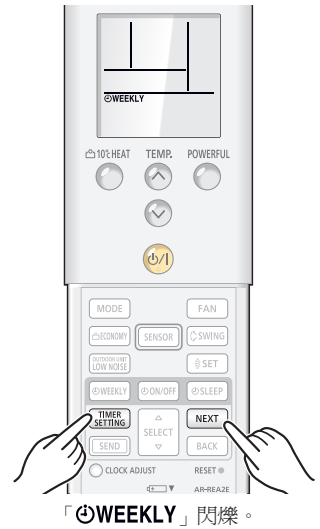
每週定時運轉

使用每週定時運轉

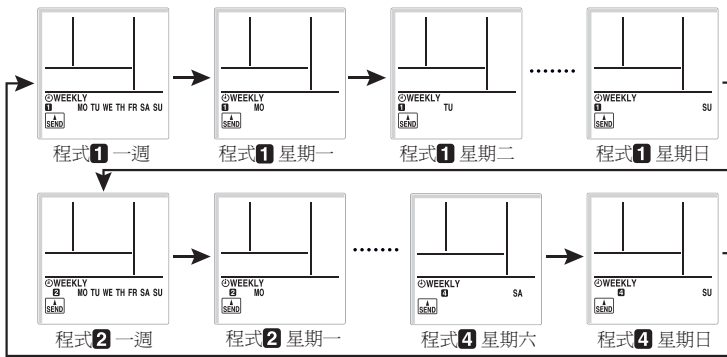
1 按 **TIMER SETTING** (定時設定) 按鈕 **TIMER SETTING** 。

首先, 「**WEEKLY**」將閃爍。

按 **NEXT** (下一步) 按鈕 **NEXT** 。



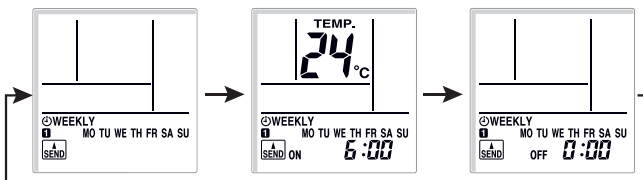
2 使用 **SELECT** (選擇) 按鈕 **SELECT** 選擇程式和日期。



您想要設定的程式號碼和日期閃爍時, 按 **NEXT** (下一步) 按鈕 **NEXT** 。



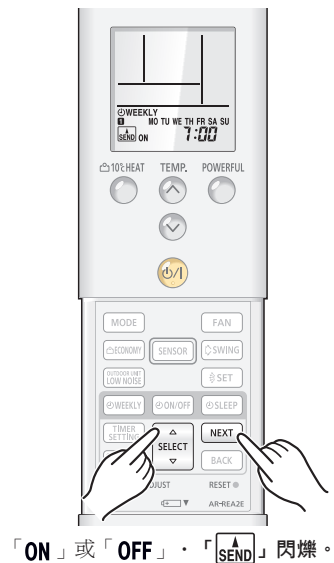
3 使用 **SELECT** (選擇) 按鈕 **SELECT** 選擇開機定時、關機定時或不定時運轉。



不定時運轉

1. 按 **NEXT** (下一步) 按鈕 **NEXT** 返回步驟 **2** 並設定下一個設定。
2. 按 **SEND** (發送) 按鈕 **SEND** 結束

按 **NEXT** (下一步) 按鈕 **NEXT** 。




每週定時運轉

4 按 **SELECT** (選擇) 按鈕 設定所需的開機時間或關機時間。

如果您在步驟 3 選擇關

1. 按 **NEXT** (下一步) 按鈕  返回步驟 2 並設定下一個設定。
2. 按 **SEND** (發送) 按鈕  。

按 **NEXT** (下一步) 按鈕  。



時間顯示 / 「**SEND**」將閃爍

5 按 **SELECT** (選擇) 按鈕 設定溫度。

如果您想要移至下一個設定，按 **NEXT** (下一步) 按鈕

，返回步驟 2 並設定下一個設定。

若要完成設定，按 **SEND** (發送) 按鈕  。

若要中途取消設定，請按 **TIMER SETTING** (定時設定) 按鈕 ，不要按 **SEND** (發送) 按鈕  。



溫度顯示 / 「**SEND**」將閃爍




注意


- 若取消每週定時時，在使用每週定時運轉的步驟 3 選擇無定時運轉。
- 若要回到上一步進行設定，按 **BACK** (返回) 按鈕  可回到上一步。
- 當您靠近主機時，按 **SEND** (發送) 按鈕 。如果在遠離主機時執行此操作，信號可能無法正確發送，而無法指定正確設定。

每週定時運轉


檢查時間表

1 按 **TIMER SETTING** (定時設定) 按鈕 。

首先，「**⌚WEEKLY**」將閃爍。

按 **NEXT** (下一步) 按鈕 。

2 使用 **SELECT** (選擇) 按鈕檢查程式、日期和時間 。

3 按 **TIMER SETTING** (定時設定) 按鈕  返回一般畫面。



取消每週定時

1 顯示「**⌚WEEKLY**」時，按 **WEEKLY** (每週) 按鈕 。

2 遙控器上的「**⌚WEEKLY**」會消失。

- 未顯示「**⌚WEEKLY**」時，按 **WEEKLY** (每週) 按鈕  再次設定每週定時。
- 不能結合每週定時、開機/關機定時 (程式定時) 及睡眠定時。



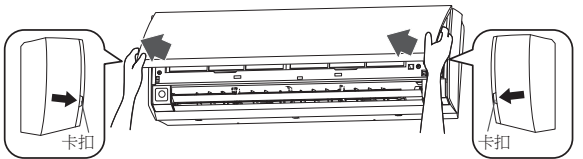
清潔與保養

⚠ 注意

- 清潔室內機組之前必須將其關閉，並斷開電氣斷路器等。
- 確定進風口格柵安裝牢固。
- 拆卸或重新安裝空氣過濾網時，身體請勿接觸熱交換器，否則可能導致人身傷害。
- 請勿操作進風口格柵打開的空調機。

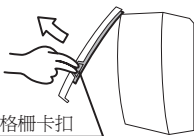
打開進風口格柵

1. 向前拉進風口格柵兩側的卡扣。

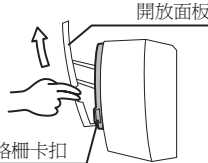


請勿僅打開開放面板。

正確



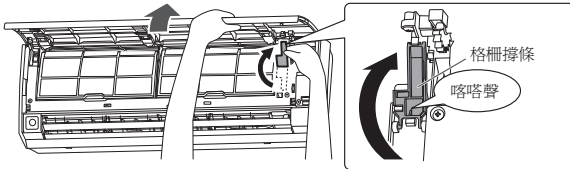
禁止



進風口格柵卡扣

進風口格柵卡扣

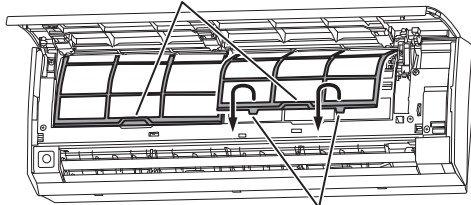
2. 用格柵撐條固定進風口格柵。



清潔空氣過濾網

1. 拆卸空氣過濾網。

提高空氣過濾網把柄，脫離下方的 2 個卡扣並拉出。
空氣過濾網把柄



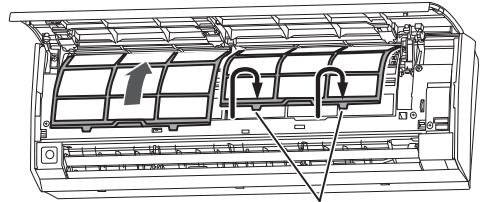
空氣過濾網卡扣 (2 處)

2. 用真空吸塵機或水洗的方式清除灰塵。

- 可以用真空吸塵機清除空氣過濾網內的灰塵，或用中性清潔劑和溫水清洗過濾網。如果您清洗過濾網，請在重新安裝之前，將其放在陰涼處徹底吹乾。
- 當空氣過濾網聚積灰塵時，會引起送風量減少、運轉效能降低及噪音量上升。
- 在正常的環境下，空氣過濾網必須 2 星期清潔一次。

3. 裝回空氣過濾網。

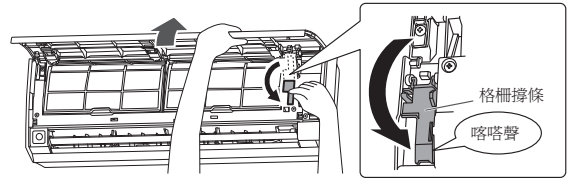
將空氣過濾網兩側對齊面板，然後完全推入，確定下方的 2 個卡扣正確回到面板上的孔。



空氣過濾網卡扣 (2 處)

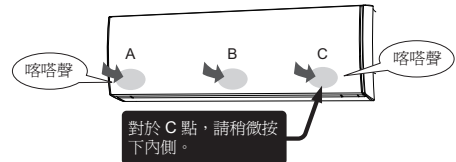
關閉進風口格柵

1. 放開格柵撐條。

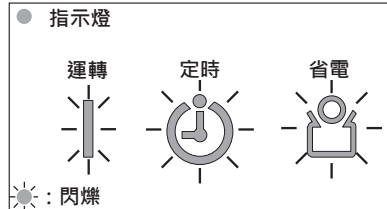


2. 關閉進風口格柵。

輕輕按下 A 點和 C 點，直到發出喀嗒聲為止，然後輕輕按下 B 點。



如果進風口格柵未完全關閉，則空調機不會運轉，指示燈將如下所示閃爍。

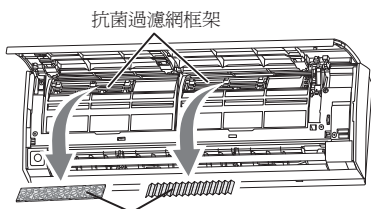


- 首先運轉指示燈閃爍 5 次，然後定時指示燈閃爍 8 次，並依此循環閃爍。
- 省電指示燈會持續閃爍。
- 關緊進風口格柵。
- 關緊格柵時，指示燈會停止閃爍，且室內機組將開始運轉。
- 關閉進風口格柵時，開放面板可能會打開。在這種情況下，請先關閉電源，然後再打開，開放面板將恢復正常關閉狀態。

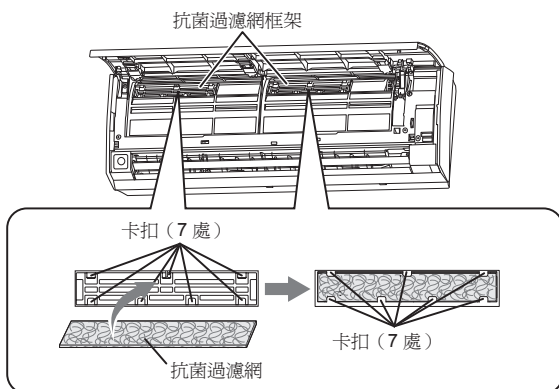
- 長期使用後，室內機組內部會聚積灰塵，這將降低空調效能。除了您自行清潔與保養之外，我們建議定期檢查室內機組。如需詳細資訊，請聯絡授權的維修人員。
- 清潔室內機組時，請勿使用溫度超過 40°C 的熱水、磨蝕性清潔劑或苯及稀釋劑等揮發性溶劑。
- 請勿使室內機組接觸液體殺蟲劑或頭髮定型劑。
- 如果要將室內機組關閉 1 個月以上，請先以送風模式運轉大約半天，以便吹乾內部零部件。

安裝或更換抗菌過濾網

1. 打開進風口格柵，然後拆卸空氣過濾網。
請參閱第 19 頁。
2. 取下前面板框架上安裝的髒抗菌過濾網。
(更換時)



3. 將新的 (或保養過的) 抗菌過濾網安裝到前面板框架。



新的抗菌過濾網可以安裝到右框架或左框架。

請用以下組件 (另行購買) 更換過濾網。

- 多酚兒茶素抗菌過濾網：UTR-FA16
- 負離子除臭過濾網：UTR-FA16-2

4. 安裝空氣過濾網，然後關閉回風格柵。

請參閱第 19 頁。

關於抗菌過濾網

- 使用抗菌過濾網時，將風速設定為「高速」，可以獲得更佳效果。

[多酚兒茶素抗菌過濾網]

(1 片)



- 抗菌過濾網屬於不可回收過濾網。(無法清洗及重複使用。)
- 關於抗菌過濾網的儲存，包裝打開後應盡快使用。
(打開包裝後，閒置過濾網的抗菌效果會降低)
- 通常每 3 個月更換一次過濾網。

請購買專用抗菌過濾網 (UTR-FA16) (另售) 來更換用髒的抗菌過濾網。

[負離子除臭過濾網 (發藍光)]

(1 片)



- 過濾網應每 3 年左右更換一次，才能保持除臭效果。
- 過濾網框架不是一次性產品。

更換過濾網時請購買專用除臭過濾網 (UTR-FA16-2) (另售)。

除臭過濾網保養

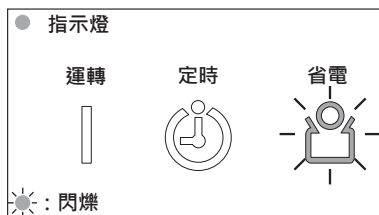
為了使除臭效果更持久，請按照下列清洗標準每 3 個月清洗一次過濾網。

- (1) 拆除除臭過濾網。
- (2) 用水清洗並晾乾。
 - 1) 用高壓熱水淹沒過濾網，直到過濾網表面被水覆蓋。請用稀釋的中性清潔劑沖洗。
清洗時切勿搓揉或摩擦，否則會破壞除臭效果。
 - 2) 水流沖洗。
 - 3) 置於陰涼處，晾乾。
- (3) 重新安裝除臭過濾網。

過濾網指示燈重設 (特殊設定)

如果在安裝時正確設定便可使用。
使用此功能時，請聯絡授權的維修人員。

- 需要清潔空氣過濾網時，省電指示燈將閃爍。



- 清潔空氣過濾網時，請參閱第 19 頁。
- 清潔後，按室內機組上的 MANUAL AUTO (強制自動) 按鈕 2 秒以下。(請參閱第 3 頁。)

故障排除



警告

若空調機故障（燃燒氣味等），請立即停止使用，關閉電氣斷路器，並聯絡授權的維修人員。關閉機組的電源開關，並不能完全切斷電源。請務必關閉電氣斷路器，以確保電源完全切斷。

在請求維修服務之前，請先進行如下檢查：

	現象	問題	參考頁
正常功能	無法立即運轉：	<ul style="list-style-type: none"> ● 若關閉室內機組然後立即開機，為了保護保險絲，3 分鐘內壓縮機不會運轉。 ● 每當電氣斷路器關閉後再次開啓，電路保護系統將運轉約 3 分鐘，以防止機組在此期間運轉。 	—
	聽見噪音：	<ul style="list-style-type: none"> ● 在運轉過程中或剛停止機組時，可能會聽到空調機管道內水流動的聲音。另外，開始運轉後的 2 至 3 分鐘內，噪音可能特別明顯（冷媒流動的聲音）。 ● 在運轉過程中，可能會聽到輕微吱吱聲。這是由於溫度變化引起前面板發生微小伸縮的結果。 	—
		<ul style="list-style-type: none"> ● 在暖氣運轉過程中，偶爾可能會聽到嘶嘶聲。這是由於自動除霜運轉造成的聲音。 	22
	氣味：	<ul style="list-style-type: none"> ● 可能會從室內機組中發出某些氣味。這種氣味是由於房間的氣味（家具、香煙等）被吸入室內機組的結果。 	—
	發出煙霧或蒸汽：	<ul style="list-style-type: none"> ● 冷氣或除濕運轉過程中，可能會看到室內機組發出淡淡的煙霧。這是由於室內機組排出的冷空氣被房間空氣突然冷卻而產生的冷凝或煙霧。 	—
		<ul style="list-style-type: none"> ● 暖氣運轉過程中，室外機組的風扇可能會停止，因此可能會看到機組內冒出蒸汽。這是由於自動除霜運轉造成的。 	22
	風量較弱或停止：	<ul style="list-style-type: none"> ● 當開始暖氣運轉時，風速暫時很低，以便讓內部零部件預熱。 ● 暖氣運轉過程中，若室溫上升到溫度設定之上，室外機組將停止，室內機組將以極低的風速運轉。若希望進一步為房間供暖，請設定為更高的溫度。 	—
		<ul style="list-style-type: none"> ● 在暖氣運轉過程中，當自動除霜模式運轉時，室內機組將暫停運轉（最多 15 分鐘）。在自動除霜運轉過程中，運轉指示燈會閃爍。 	22
		<ul style="list-style-type: none"> ● 除濕模式期間，室內機組將以低速運轉；為了調節室內濕度，室內機組的風扇可能不定時停止運轉。另外，當調節室內濕度時，風扇可能以極低的速度運轉。 	7
		<ul style="list-style-type: none"> ● 在超靜音運轉過程中，風扇將以極低的速度運轉。 	6
		<ul style="list-style-type: none"> ● 在監控自動運轉過程中，風扇將以極低的速度運轉。 	7
		<ul style="list-style-type: none"> ● 針對多聯型機組，如果多台機組按以下所述的不同運轉模式運轉，後來運轉的機組會停止，並且運轉指示燈（綠色）將閃爍。 暖氣模式及冷氣模式（或除濕模式） 暖氣模式及送風模式 	23
		<ul style="list-style-type: none"> ● 暖氣運轉過程中，由於自動除霜運轉，室外機組可能會產生水。 	22

故障排除

	現象	檢查項目	參考頁
再檢查一次	完全無法運轉：	<ul style="list-style-type: none"> ● 是否將斷路器關閉？ ● 是否存在電源故障？ ● 是否保險絲被燒斷或斷路器已斷開？ 	—
		● 進風口格柵是否完全關閉？	19
		● 是否定時正在發揮作用？	12 - 18
		● 是否使用無線遙控器將多聯型空調機設定為「 LOW NOISE 」？	11
	冷氣（或暖氣）性能不佳：	<ul style="list-style-type: none"> ● 空氣過濾網是否變髒？ ● 空調機的進風口格柵或出風口是否阻塞？ ● 是否正確調節室溫設定（溫度）？ ● 門窗是否打開？ ● 在冷氣運轉時，是否有強烈陽光從窗戶射入？（拉上窗簾。） ● 在冷氣運轉時，房間內是否有加熱裝置和電腦，或房間內是否有許多人？ 	—
		● 尚未設定外機靜音？	11
		● 機組是否設定為超靜音運轉？	6
機組運轉與遙控器設定不同：	<ul style="list-style-type: none"> ● 遙控器電池電量是否耗盡？ ● 遙控器電池是否正確安裝？ 	5	

進行上述檢查後若故障仍然存在或發現有焦糊味，或者運轉、定時指示燈閃爍、及省電指示燈快速閃爍。請立即停止使用，關閉電氣斷路器，然後與授權的維修人員聯絡。

操作提示

操作和效果

暖氣性能

- 本空調機是根據熱泵原理運轉的，即從室外空氣中吸收熱量，並將該熱量傳輸到室內機組。結果，當室外空氣溫度下降時，運轉性能也會下降。當覺得暖氣性能不夠時，建議將本空調機與其他加熱設備組合使用。
- 熱泵空調機透過循環整個房間的空氣來加熱整個房間，因此當剛開始開啓空調機時，整個房間都被加熱可能需要一定的時間。

微電腦控制的自動除霜

- 在室外溫度很低且濕度很高的條件下使用暖氣模式時，室外機組上可能會結霜，從而導致運轉性能下降。
為了防止這種性能下降，本空調機配有微電腦控制的自動除霜功能。當結霜時，空調機將暫時停止，並短暫運轉除霜程序（最多 15 分鐘）。
在自動除霜運轉過程中，運轉指示燈（綠色）會閃爍。
- 暖氣運轉停止後，如果室外機組上結霜，機組會啓動自動除霜運轉。此時，室外機組會在運轉幾分鐘後自動停止。

自動重新啟動

當出現斷電時

- 由於斷電而對空調機停止供電。電源恢復後，空調機將自動按之前的模式重新啓動。
- 當定時運轉中發生斷電，定時會重置，室內機組則在新的時間設定下開始（或停止）運轉。發生這種定時故障時，定時指示燈會閃爍（請參閱第 3 頁）。
- 使用其他電氣設備（電動剃鬚刀等）或在附近使用無線電信號發射機，都可能導致空調機故障。此時，暫時關閉斷路器後再開啓，然後使用遙控器重新開始運轉。

操作提示

多聯型空調機

視型號而定，本室內機組可以連接到多聯型室外機組。多聯型空調機允許在多個地方運轉多台室內機組。室內機組會根據其各自的輸出同時運轉。

同時使用多台機組

- 使用多聯型空調機時，可同時運轉多台室內機組。但同組兩台或以上室內機組同時運轉時，其暖氣及冷氣的性能會比使用單台室內機組時低。相對地，欲同時使用多台室內機組供冷時，應在夜間及其他需要較小輸出時使用。同樣地，同時使用多台機組供暖時，建議根據需求使用其他輔助空間加熱器。
- 季節性和室外溫度條件、房間結構及房間內人數也可能導致運轉性能有差異。建議您試用不同的運轉模式，確認機組提供的暖氣和冷氣輸出程度，以最符合您家居生活型態的方式運轉機組。
- 若發現一台或以上機組同時運轉時的冷氣或暖氣性能不佳，建議您停止同時運轉多台機組。
- 在以下不同的運轉模式下無法執行運轉。
若室內機組設定為進行無法達成的運轉模式，室內機組上的運轉指示燈（綠色）會閃爍（1 秒亮，1 秒滅），並且機組將進入待機模式。
暖氣模式及冷氣模式（或除濕模式）
暖氣模式及送風模式
- 在以下不同的運轉模式下可執行運轉。
冷氣模式及除濕模式
冷氣模式及送風模式
除濕模式及送風模式
- 室外機組的運轉模式（暖氣模式或冷氣（除濕）模式）取決於首先運轉的室內機組的運轉模式。若室內機組以送風模式啟動，則無法判斷室外機組的運轉模式。
例如：室內機組（A）以送風模式啟動，室內機組（B）則以暖氣模式啟動，室內機組（A）會暫時以送風模式啟動，但是室內機組（B）以暖氣模式開始運轉時，室內機組（A）上的運轉指示燈（綠色）將開始閃爍（1 秒亮，1 秒滅），並進入待機模式。室內機組（B）會繼續以暖氣模式運轉。

注意事項

- 使用暖氣模式時，室外機組偶爾會短暫啟動除霜運轉。執行除霜運轉時，若用戶將室內機組再設定為暖氣，除霜模式會繼續運轉，完成除霜後就會開始暖氣運轉，但需要一段時間後才會釋放暖氣。
- 使用暖氣模式時，室內機組上方可能變熱，這是因為即使停止運轉，冷卻劑仍在室內機組內循環，而並非故障。

溫度和濕度範圍

容許的溫度及濕度範圍如下：

冷氣/除濕 運轉	室內溫度	約 18°C 至 32°C
	室內濕度	低於約 80%。 如果空調機連續使用多個小時，水可能凝聚在表面上並滴落。
暖氣	室內溫度	約 16°C 至 30°C

若在高於上述溫度條件的環境中使用機組，自動保護電路可能會發揮作用，使運轉中斷。

若在低於上述溫度條件的環境中使用機組，熱交換器可能會結冰，導致漏水或其他故障。

- 請勿將空調機用於房間冷氣/除濕、房間暖氣或送風以外的用途。

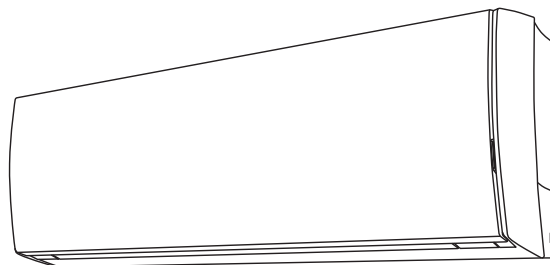
GENERAL

OPERATING MANUAL 使用說明書

INVERTER

**HEAT & COOL MODEL
(REVERSE CYCLE)
ROOM AIR CONDITIONER
WALL MOUNTED TYPE
暖氣 & 冷氣機型
(反向循環)**

**室內空調機
壁掛式**



**Indoor Unit
室內機組**

**ASWG09LTCA
ASWG14LTCA
ASWG18LTCA**

**Outdoor Unit
室外機組**

**AOWG09LTCA
AOWG14LTCA
AOWG18LTCA**

**KEEP THIS OPERATION MANUAL
FOR FUTURE REFERENCE
請妥善保管本使用說明書，以便日後參考**



English

繁體
中文

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SAFETY PRECAUTIONS

- Before using the appliance, read these “PRECAUTIONS” thoroughly and operate in the correct way.
- The instructions in this section all relate to safety; be sure to maintain safe operating conditions.
- “WARNING” and “CAUTION” have the following meanings in these instructions:

 WARNING	This mark indicates procedures which, if improperly performed, might lead to the death or serious injury of the user or service personnel.
 CAUTION	This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user, or damage to property.

WARNING

- Do not attempt to install this air conditioner by yourself.
- This air conditioner contains no user-serviceable parts. Always consult authorized service personnel for repairs.
- When moving, consult authorized service personnel for disconnection and installation of the air conditioner.
- Do not become excessively chilled by staying for many hours in the direct cooling airflow.
- Do not insert fingers or objects into the outlet port or intake grille.
- Do not start and stop air conditioner operation by disconnecting the electrical breaker and so on.
- Take care not to damage the power supply cord.
- If the power supply cord of this appliance is damaged, it should only be replaced by the authorized service personal, since special purpose tools and specified cord are required.
- In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the breaker, and consult authorized service personnel.
- In the event of refrigerant leakage, be sure to keep away from fire or any flammables. (consult an authorized service personnel)

CAUTION

- Provide occasional ventilation during use.
- Do not direct airflow at fireplaces or heating apparatus.
- Do not climb on, or place objects on, the air conditioner.
- Do not hang objects from the indoor unit.
- Do not set flower vases or water containers on top of air conditioners.
- Do not place any other electrical products or household belongings under indoor unit or outdoor unit. Dripping condensation from the unit might get them wet, and may cause damage or malfunction of your property.
- Do not expose the air conditioner directly to water.
- Do not operate the air conditioner with wet hands.
- Do not pull power supply cord.
- Turn off power supply when not using the indoor unit for extended periods.
- Check the condition of the installation stand for damage.
- Do not place animals or plants in the direct path of the airflow.
- Do not drink the water drained from the air conditioner.
- Do not use in applications involving the storage of foods, plants or animals, precision equipment, or art works.
- Do not touch the aluminum fins of heat exchanger built-in the indoor or outdoor unit to avoid personal injury when you install or maintain the unit.
- Connection valves become hot during Heating; handle with care.
- Do not apply any heavy pressure to radiator fins.
- Operate only with air filters installed.
- Do not block or cover the intake grille and outlet port.
- Ensure that any electronic equipment is at least 1m away from either the indoor or outdoor units.
- Avoid installing the air conditioner near a fireplace or other heating apparatus.
- When installing the indoor and outdoor unit, take precautions to prevent access to infants.
- Do not use inflammable gases near the air conditioner.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

FEATURES AND FUNCTIONS

■ Energy saving and Comfortable function

INVERTER

At the start of operation, large amount of power is used to bring the room quickly to the desired temperature. Afterward, the air conditioner automatically switches to a low power setting for economic and comfortable operation.

HUMAN SENSOR (ENERGY SAVING)

When the sensor detects that there is no one in the room, it automatically reduces the operating power. It saves you money by reducing the power consumed.

ECONOMY OPERATION

When ECONOMY operation mode is operated, the room temperature will be little higher than the set-temp under cooling mode and lower than set-temp under heating mode. Therefore, the ECONOMY mode is able to save more energy than other normal mode.

SWING OPERATION

The Airflow Direction Louvers swings automatically up and down so that the air speeds to every nook and corner of your room.

AUTO CHANGEOVER

The operation mode (cooling, dry, heating) is switched automatically to maintain the set temperature, and the temperature is kept constant at all times.

SUPER QUIET OPERATION

The indoor unit's airflow is reduced to produce quieter operation.

10 °C HEAT OPERATION

The room temperature can be maintained at 10 °C so as to prevent the room temperature from falling too far.

OUTDOOR UNIT LOW NOISE OPERATION

OUTDOOR UNIT LOW NOISE operation mode reduces the noise level of the outdoor unit by suppressing the fan speed and the rotation number of the compressor. It is effective when the surrounding area is quiet, such as in the night.

*This function cannot be used for the Multi-type air conditioner.

■ Convenient function

WEEKLY TIMER

The combination of the temperature setting and the timer function, which you can choose any day between Monday and Sunday, can be set freely.

You can set up to four ON Timers or OFF Timers in one day.

PROGRAM TIMER

The program timer allows you to integrate OFF timer and ON timer operations in a single sequence. The sequence can involve 1 transition from OFF timer to ON timer, or from ON timer to OFF timer, within a 24 hour period.

SLEEP TIMER

When the SLEEP button is pressed during Heating mode, the indoor unit's temperature setting is gradually lowered during the period of operation; during cooling mode, the temperature setting is gradually raised during the period of operation. When the set time is reached, the indoor unit automatically turns off.

POWERFUL OPERATION

The product will operate at maximum power, which is convenient when you want to quickly cool down or warm up the room.

■ Clean function

MILDEW-RESISTANT FILTER

The Air Filter has been treated to resist mildew growth, thus allowing cleaner use and easier care.

POLYPHENOL CATECHIN AIR CLEANING FILTER

The Polyphenol Catechin Air Cleaning filter uses static electricity to clean fine particles and dust in the air such as tobacco smoke and plant pollen that are too small to see. The filter contains catechin, which is highly effective against various bacteria by suppressing the growth of the bacteria adsorbed to the filter.

Note that when the Air Cleaning Filter is installed, the amount of air produced decreases, causing a slight decrease in the indoor unit's performance.

NEGATIVE AIR IONS DEODORIZING FILTER

It comprises pottery super micro particles which can produce negative air ions having the effect of deodorizing and can absorb and remit the peculiar smell at home.

■ Remote controller

WIRELESS REMOTE CONTROLLER

The Wireless Remote Controller allows convenient control of indoor unit operation.

WIRED REMOTE CONTROLLER (OPTION)

The optional wired remote controller can be used. When you use remote controller, there are following different points as compared with using wireless remote controller.

And you can use both wired and wireless remote controller simultaneously. (But function is limited)

When the restricted functions on the remote controller are used, beeping sound will be heard, OPERATION, TIMER and the 3rd lamp of the indoor unit will flash.

[The restricted functions for wireless ones]

- HUMAN SENSOR (ENERGY SAVING)
- 10°C HEAT OPERATION
- OUTDOOR UNIT LOW NOISE OPERATION
- WEEKLY TIMER
- ON/OFF TIMER
- PROGRAM TIMER
- SLEEP TIMER
- POWERFUL OPERATION

NAME OF PARTS

INDOOR UNIT

Open Panel

It opens at the same time of operation, and shuts when operation stops.

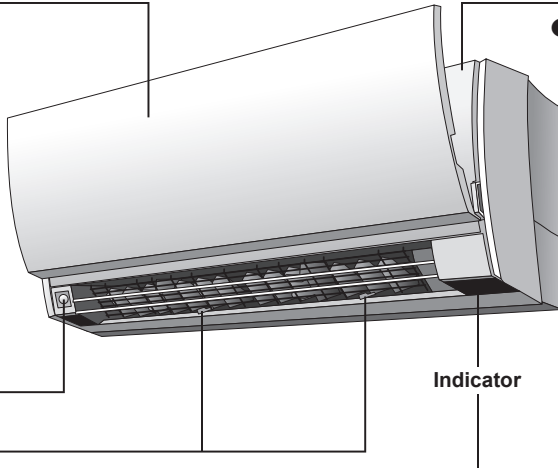
- Please do not touch by hand or put your finger into it during the open panel opening/shutting operation. Or your finger might be injured.
- Please do not move the open panel by hand. It may cause breakdown, vapor may condense near the outlet louvers and drops of water may drip from it if you move it forcibly.
- Please do not hang objects on open panel, or put objects into the panel while it is open. It causes breakdown.

Human Sensor

Right-Left Louver (behind Airflow Direction Louver)

Intake Grille

- Before starting operation, make sure that the intake grille has been shut completely. (See page 19.) Incomplete closing of the intake grille might have an effect on the proper working or performance of the air conditioner.



Remote Control Signal Receiver & MANUAL AUTO button

- When the battery in remote control is dead or the remote control is lost, press the MANUAL AUTO button can resume emergency operation.
- When the MANUAL AUTO button is pressed in for more than 10 seconds, the forced cooling operation will start.
- The forced cooling operation is used at the time of installation. Only for authorized service personnel's use.
- When the forced cooling operation starts by any chance, press the START/STOP button (M) to stop the operation.



OPERATION Indicator Lamp (green)

Lights during the normal operation, and flashes slowly during the Automatic Defrosting operation.

TIMER Indicator Lamp (orange)

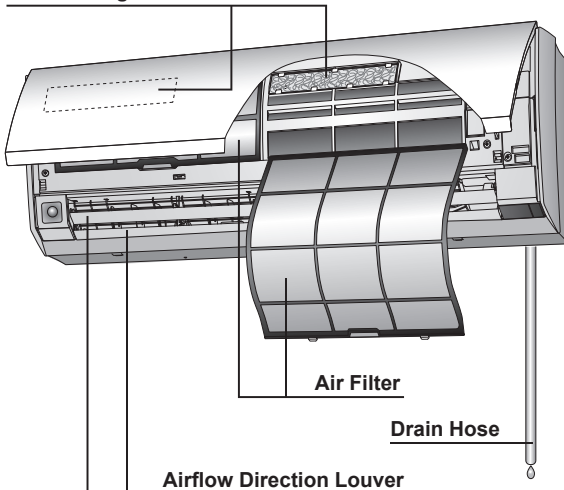
If the TIMER indicator lamp flashes when the timer is operating, it indicates that a fault has occurred with the timer setting. (See page 22).

ECONOMY Indicator Lamp (green)

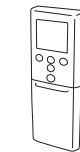
ECONOMY indicator lamp lights when ECONOMY OPERATION and 10 °C HEAT OPERATION is operating.

Open the Intake Grille (See page 19)

Air Cleaning Filter



Accessories of the indoor unit



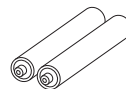
Remote controller



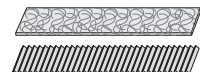
Remote controller holder



Tapping screws (M3 × 12 mm)

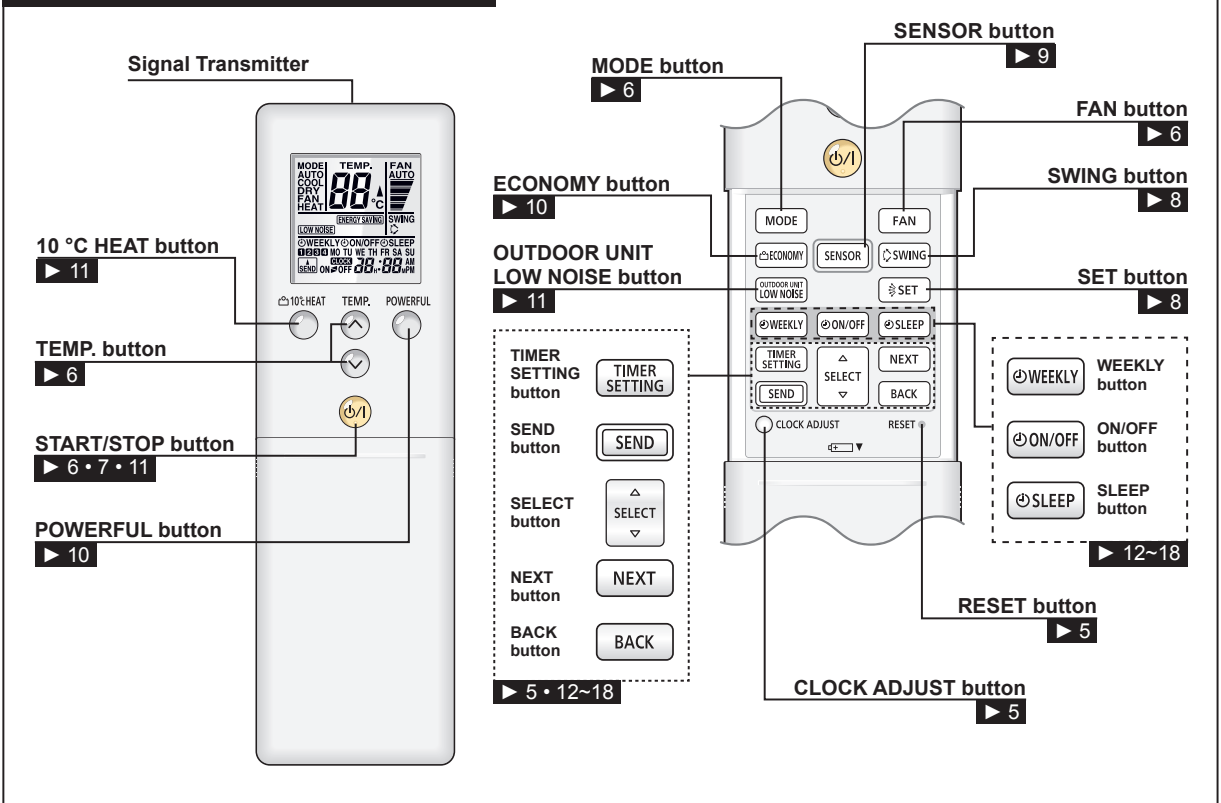


Batteries



Air cleaning filters

REMOTE CONTROLLER



REMOTE CONTROLLER DISPLAY

TEMPERATURE Display

▶ 6

MODE Display

▶ 6

ENERGY SAVING MODE Display

▶ 9

LOW NOISE MODE Display

▶ 11

SEND Display

Transmit Indicator Display

FAN Speed Display

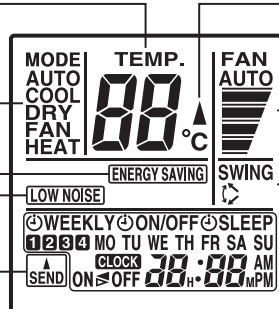
▶ 6

SWING Display

▶ 8

CLOCK & TIMER Display

▶ 5 · 12~18

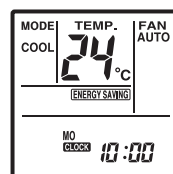


To facilitate explanation, the accompanying illustration has been drawn to show all possible indicators; in actual operation, however, the display will only show those indicators appropriate to the current operation.

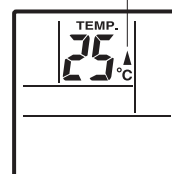
■ About the button operation and display of remote control

After the button is pressed on remote control, only the operated part is displayed until the transmission of the signal is completed. It is a convenient function to confirm the content of the operation easily.

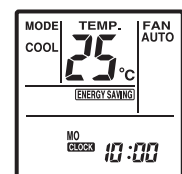
Ex.) When you change the preset temperature from 24 °C to 25 °C during the cooling operation.



Before the button is pressed



When the button is pressed



Transmission completed

PREPARATION

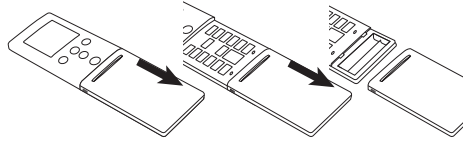
Turn on the Power

Turn on the circuit breaker

Load Batteries (R03/LR03/AAA × 2)

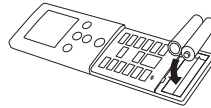
1 Slide the front cover to take it off.

Slide in the direction of the arrow.



2 Insert batteries.

Be sure to align the battery polarities (+ / -) correctly.



3 Close the front cover.

Set the day of the week and the current time


1 Press the CLOCK ADJUST button CLOCK ADJUST.


2 Press the SELECT button to select the day of the week

MO ↔ TU ↔ WE ↔ TH ↔ FR ↔ SA ↔ SU

Press the NEXT button 

3 Press the SELECT buttons to adjust the clock to the current time.

 button : Press to advance the time.

 button : Press to reverse the time.

(Each time the buttons are pressed, the time will be advanced/reversed in 1-minute increments; hold the buttons depressed to change the time quickly in 10-minute increments.)

By pressing the TEMP. (▲▼) buttons, the time indicator can be changed from a 24-hour to a 12-hour clock.

4 Press the SEND button .

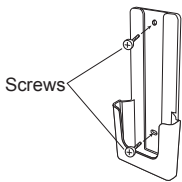
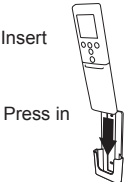
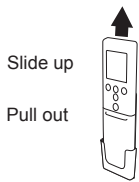
This completes the time setting and starts the clock.

- Press the SEND button, when you are close to the main unit. If you do so when far from the main unit, the signal may not get properly sent, and the settings may not get properly configured.

To Use the Remote Controller

- The Remote Controller must be pointed at signal receiver to operate correctly.
- Operating Range: About 6 m.
- When a signal is properly received by the indoor unit, a beeping sound will be heard.
- If no beep is heard, press the Remote Controller button again.

Remote Controller Holder

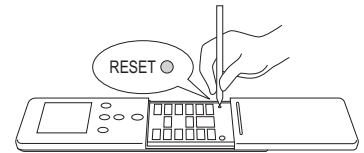
- 1 Mount the Holder. 
- 2 Set the Remote Controller.  Insert
Press in
- 3 To remove the Remote Controller (when use at hand).  Slide up
Pull out

CAUTION

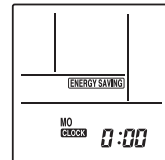
- Take care to prevent infants from accidentally swallowing batteries.
- When not using the Remote Controller for an extended period, remove the batteries to avoid possible leakage and damage to the unit.
- If leaking battery fluid comes in contact with your skin, eyes, or mouth, immediately wash with copious amounts of water, and consult your physician.
- Dead batteries should be removed immediately and disposed of properly, either in a battery collection receptacle or to the appropriate authority.
- Do not attempt to recharge dry batteries.

Never mix new and used batteries, or batteries of different types.

Also, do not use together with rechargeable batteries or other types of battery. Batteries should last about 1 year under normal use. If the Remote Controller's operating range becomes appreciably reduced, replace the batteries and press the RESET button with the tip of a ball-point pen or other small object.



PROHIBITED



In the initial state (or, when resetting it), ENERGY SAVING becomes enables. (See page 9.)

CAUTION

- If there is a curtain or a wall between the remote control and the receptor, the signal will not reach it.
- When the receptor receives strong light, the air-conditioner may not operate correctly. Avoid direct exposure to sunlight, and keep the signal-receiving part away from lights and flat panel television screens. The signal may not be received in rooms with instantaneous fluorescent lights (such as inverter type ones). In such cases, please consult at the store where you purchased the product.
- Please place the remote control in a place which will not be affected by heat from direct sunlight and home heaters.
- Please do not apply strong shocks to the remote controller or pour water on it.

OPERATION

To Start Operation

Press the **START/STOP** button .

The indoor unit's OPERATION Indicator Lamp (green) will light.
The air conditioner will start operating.

To Select Mode Operation

Press the **MODE** button  to select the desired mode.

Each time the button is pressed, the mode will change in the following order.



About 3 seconds later, the entire display will reappear.

To Set the Temperature

Press the **TEMP.** button  .

- ▲ button: Press to raise the temperature settings.
- ▼ button: Press to lower the temperature settings.

● Temperature setting range:

AUTO	18-30 °C
COOL/DRY	18-30 °C
HEAT	16-30 °C

The temperature cannot be used to set room temperature during the FAN mode (the temperature will not appear on the Remote Controller's Display).

About 3 seconds later, the entire display will reappear.

The temperature setting should be considered a standard value, and may differ somewhat from the actual room temperature.

To Set the Fan Speed

Press the **FAN** button .

Each time the button is pressed, the fan speed changes in the following order:



About 3 seconds later, the entire display will reappear.

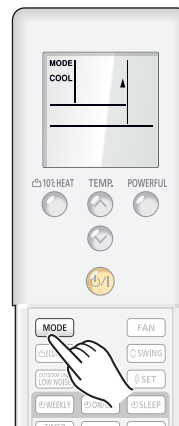
When set to AUTO:

- Heating:** Fan operates so as to optimally circulate warmed air.
However, the fan will operate at very low speed when the temperature of the air issued from the indoor unit is low.
- Cooling:** As the room temperature approaches that of the temperature setting, the fan speed becomes slower.
When the room temperature is close to the set temperature, the inner room fan may occasionally stop, in order to save energy.
- Fan :** The fan runs at the MED fan speed.

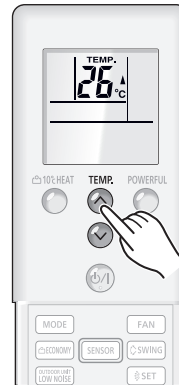
SUPER QUIET Operation

SUPER QUIET operation begins. The indoor unit's airflow will be reduced for quieter operation.

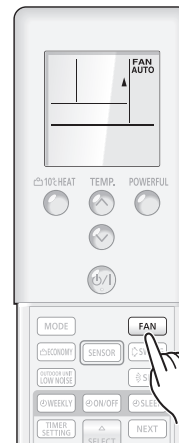
- SUPER QUIET operation cannot be used during DRY mode. (The same is true when dry mode is selected during AUTO mode operation.)
- During SUPER QUIET operation, Heating and Cooling performance will be reduced somewhat. If the room does not warm up/cool down when using SUPER QUIET Operation, please adjust the indoor unit's Fan Speed.



Example: When set to COOL.



Example: When set to 26 °C.



Example: When set to AUTO.

OPERATION

About AUTO CHANGEOVER Operation

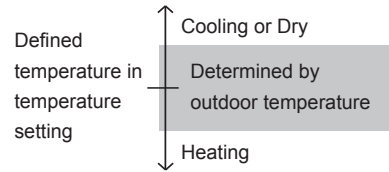
AUTO: ● When AUTO CHANGEOVER operation first selected, the fan will operate at very low speed for about a few minutes, during which time the indoor unit detects the room conditions and selects the proper operation mode.

Room temperature is higher than the defined temperature in temperature setting → Cooling mode or dry mode

Room temperature is close to the defined temperature in temperature setting → Determined by outdoor temperature

Room temperature is lower than the defined temperature in temperature setting → Heating mode

- When the indoor unit has adjusted your room's temperature to near the temperature setting, it will begin monitor operation. In the monitor operation mode, the fan will operate at low speed. If the room temperature subsequently changes, the indoor unit will once again select the appropriate operation (Heating, Cooling) to adjust the temperature to the value set in the temperature.
- If the mode automatically selected by the indoor unit is not what you wish, select one of the mode operation (HEAT, COOL, DRY, FAN).



About Mode Operation

Heating: ● Use to warm your room.

- When Heating mode is selected, the indoor unit will operate at very low fan speed for about 3 to 5 minutes, after which it will switch to the selected fan setting. This period of time is provided to allow the indoor unit to warm up before begin full operation.
- When the outdoor temperature is very low, frost may form on the outdoor unit, and its performance may be reduced. In order to remove such frost, the air conditioner will automatically enter the defrost cycle from time to time. During Automatic Defrosting operation, the OPERATION Indicator Lamp will flash, and the Heat operation will be interrupted.
- After the start of Heating operation, it takes some time before the room gets warmer.

Cooling: ● Use to cool your room.

- Dry:**
- Use for gently cooling while dehumidifying your room.
 - You cannot heat the room during Dry mode.
 - During Dry mode, the indoor unit will operate at low speed; in order to adjust room humidity, the indoor unit's fan may stop from time to time. Also, the fan may operate at very low speed when adjusting room humidity.
 - The fan speed cannot be changed manually when Dry mode has been selected.

Fan: ● Use to circulate the air throughout your room.

During Heating:

Set the temperature to a temperature setting that is higher than the present room temperature. The Heating mode will not operate if the temperature is set lower than the actual room temperature.

During Cooling/Dry:

Set the temperature to a temperature setting that is lower than the present room temperature. The Cooling and Dry modes will not operate if the temperature is set higher than the actual room temperature (in Cooling mode, the fan alone will operate).

During Fan:

You can not use the indoor unit to heat and cool your room.

To Stop Operation

Press the **START/STOP button**  .

The OPERATION Indicator Lamp (green) will go out.

ADJUSTING THE DIRECTION OF AIR CIRCULATION

Vertical (up-down) direction of airflow is adjusted by pressing the Remote Controller's SET button. Horizontal (right-left) airflow direction is adjusted manually, by moving the Airflow Direction Louvers.

Whenever making horizontal airflow adjustments, start air conditioner operation and be sure that the vertical air direction louvers are stopped.

Vertical Air Direction Adjustment

Press the SET button  .

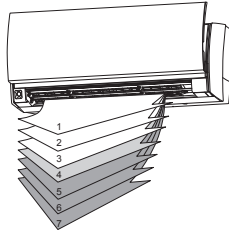
Each time the button is pressed, the air direction range will change as follows:

1 ↔ 2 ↔ 3 ↔ 4 ↔ 5 ↔ 6 ↔ 7

Types of Airflow Direction Setting:

1, 2, 3 : During Cooling/Dry

4, 5, 6, 7 : During Heating



The Remote Controller's display does not change.

- Use the air direction adjustments within the ranges shown above.
- The vertical airflow direction is set automatically as shown, in accordance with the type of operation selected.

During Cooling/Dry : Horizontal flow 1

During Heating : Downward flow 6

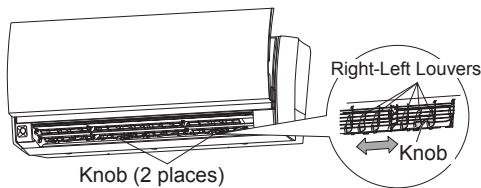
- During AUTO mode operation, for the first a few minutes after beginning operation, airflow will be horizontal 1; the air direction cannot be adjusted during this period.

The airflow direction setting will temporarily become 1 when the temperature of the airflow is low at the start of the Heating mode.

Right-Left Adjustment

Adjust the Right-Left louvers.

- Move the Right-Left louvers to adjust airflow in the direction you prefer.




SWING OPERATION

The product moves the airflow vents up and down to move cool or warm air around all parts of the room.

To select SWING Operation


Press the SWING button  .

The SWING Display " SWING" will light.

In this mode, the Airflow Direction Louvers will swing automatically to direct the airflow both up and down.

To stop SWING Operation

Press the SWING button  once again.

The SWING Display " SWING" will go out.

Airflow direction will return to the setting before swing was begun.

About SWING Operation

During Cooling/Dry : Swings between 1 and 4.

During Heating : Swings between 4 and 7.

- The SWING operation may stop temporarily when the air conditioner's fan is not operating, or when operating at very low speeds.

⚠ WARNING

- Never place fingers or foreign objects inside the outlet ports, since the internal fan operates at high speed, and personal injury could be caused.

- Always use the Remote Controller's SET button to adjust the vertical airflow louvers. Attempting to move them manually could result in improper operation; in this case, stop operation and restart. The louvers should begin to operate properly again.

- During use of the Cooling and Dry modes, do not set the Airflow Direction Louvers in the Heating range (4 - 7) for many hours, since water vapor may condense near the outlet louvers and drops of water may drip from the indoor unit. During the Cooling and Dry modes, if the Airflow Direction Louvers are left in the heating range for more than 30 minutes, they will automatically return to position 3.

- When used in a room with infants, children, elderly or sick persons, the airflow direction and room temperature should be considered carefully when making settings.

⚠ CAUTION

- When adjusting the Right-Left Louvers, it is necessary to stop the Vertical (up-down) louvers first and make sure that it stops completely before adjusting the direction.

HUMAN SENSOR (ENERGY SAVING)

This function automatically controls the temperature setting when there is no one in the room for a while, and prevents electricity from being wasted.

To enable the ENERGY SAVING

ENERGY SAVING is set at the time of purchase.

Press the **SENSOR** button .

“**ENERGY SAVING**” on the remote control will be displayed flashing.

- ENERGY SAVING is set.
- It will be on until the ENERGY SAVING setting is turned off.

To disable the ENERGY SAVING

Press the **SENSOR** button .

“**ENERGY SAVING**” on the remote control will be no longer displayed.

- ENERGY SAVING is turned off.

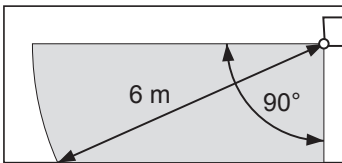
About the ENERGY SAVING Operation

If no one enters the room for approximately 20 minutes, the set temperature will be automatically controlled.

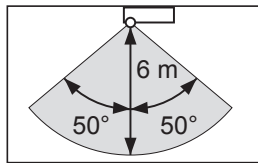
(When someone comes back into the room, the human sensor will detect this, and automatically revert to the original settings.)

Operation mode	Operating details (if there is no one in the room for a while)
Cooling mode/Drying	The set temperature will be increased by a maximum of approximately 2°C.
Heating mode	The set temperature will be decreased by a maximum of approximately 4°C.
Automatic operation	This runs the ENERGY SAVING function for the automatically selected mode (Cooling/ Heating/ Drying).

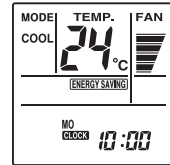
- Application range is follows.
Vertical angle 90° (Side view)



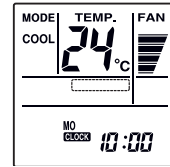
- Horizontal angle 100° (Top view)



ENERGY SAVING function may not work when the room temperature is very different from the temperature defined in temperature setting, such as when immediately after starting the operation.



(If ENERGY SAVING is set)

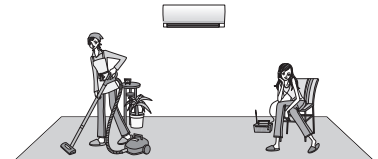


(If ENERGY SAVING is off)

- When using together with the SLEEP TIMER (P. 14), the SLEEP TIMER will be prioritized.
- During 10°C HEAT OPERATION, if there is no one in the room the set temperature will not be changed.

About the HUMAN SENSOR

- Details about detection with the human sensor
 - The human sensor detects whether there are people in the room by looking for movement by people in the room.



Notice

- Since the human sensor detects infrared light given out by people, there may be cases where this detection is incorrect.

Situations in which the sensor will detect no people in the room, even when there is someone there

- When the temperature is high and the difference with between people's body temperature is small.
(Such as during the summer when the temperature is 30°C or higher)
- When there is someone in the room, but they do not move for a long period of time.
- When someone is hidden behind a sofa, other furniture, glass, or in similar situations.
- When someone is wearing extremely thick clothing and has their back facing the sensor.

Situations in which the sensor will incorrectly detect people in the room, even when there is no one there

- When there is a dog or a cat moving around in the room.
- When the wind is making curtains or plan leaves move.
- When there is an oscillating electric fan operating.

POWERFUL OPERATION

The product will operate at maximum power, which is convenient when you want to quickly cool down or warm up the room. Begin Air Conditioner operation before performing this procedure.

To use POWERFUL Operation

Press the **POWERFUL** button .

Only as for this button operation, the beep sound is different from the others.

Powerful operation start: Beep 3 times (Pi Pi Pi !) / Others: Beep 2 times (Pi Pi !)

To stop POWERFUL Operation

Press the **POWERFUL** button  again.
Normal operation begins.

About the POWERFUL Operation

Cooling/Dry ● Powerful Operation mode is automatically turned off when the room temperature has fallen to the set temperature or when 20 minutes have passed after setting the POWERFUL Operation mode. However, it does not turn off automatically within a certain time of setting the POWERFUL Operation mode.

Heating ● Powerful Operation mode is automatically turned off when the room temperature has risen to the set temperature or when 20 minutes have passed after setting the POWERFUL Operation mode. However, it does not turn off automatically within a certain time of setting the POWERFUL Operation mode.

- Wind direction and airflow rate are automatically set in POWERFUL Operation mode. Wind direction can be changed through the wind direction adjustment button.
- POWERFUL Operation and ECONOMY Operation modes can't be set simultaneously. The function whose button on the remote controller is last pressed will be given priority.
- If the POWERFUL Operation is set while setting the "LOW NOISE" or "ENERGY SAVING", "LOW NOISE" or "ENERGY SAVING" will be executed after the POWERFUL Operation ends.

ECONOMY OPERATION

Begin Air Conditioner operation before performing this procedure.

To Use the ECONOMY Operation

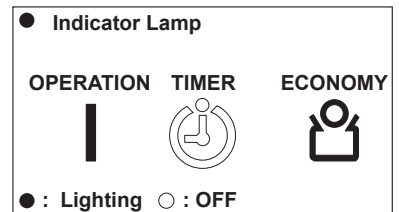
Press the **ECONOMY** button .

The ECONOMY indicator Lamp (green) will light.
ECONOMY operation begins.

To Stop the ECONOMY Operation

Press the **ECONOMY** button  again.

The ECONOMY Indicator Lamp (green) will go out.
Normal operation begins.



About ECONOMY Operation

- When ECONOMY operation mode is operated, the room temperature will be little higher than the set-temp under cooling mode and lower than set-temp under heating mode. Therefore, the ECONOMY mode is able to save more energy than other normal mode.
- In case of single-type air conditioner, at the maximum output, ECONOMY operation is approximately 70% of normal air conditioner operation for cooling and heating.
- In case of multi-type air conditioner, the ECONOMY operation mode is only available for the set indoor unit.
- If the room is not cooled (or heated) well during ECONOMY operation, select normal operation.
- During the monitor period in the AUTO mode, the air conditioner operation will not change to ECONOMY operation even if ECONOMY operation is selected by pressing the ECONOMY operation button.

10 °C HEAT OPERATION

To use 10 °C HEAT Operation

 10°C HEAT

Press the 10 °C. HEAT button .

The ECONOMY indicator lamp (green) will light.


To stop 10 °C HEAT Operation

Press the START/STOP button .

The ECONOMY indicator lamp (green) will go out.




Then the operation stops.

About the 10 °C HEAT Operation

- The Heating mode will not operate if the room temperature is high enough.
- The room temperature can be maintained at 10 °C by pressing the 10 °C. HEAT button  so as to prevent the room temperature from falling too far.
- In case of multi-type air conditioner, if other indoor unit is used for heating, the temperature of the room where the "10°C HEAT" function is applied will rise. When using the "10°C HEAT" function, we recommend all indoor units should be run under the "10°C HEAT" mode.

While 10 °C HEAT OPERATION is in progress, only the following operation can be used.

-  SET

● Indicator Lamp		
OPERATION	TIMER	ECONOMY
		
● : Lighting	○ : OFF	

OUTDOOR UNIT LOW NOISE OPERATION

OUTDOOR UNIT LOW NOISE Operation mode reduces the noise level of the outdoor unit by suppressing the fan speed and the rotation number of the compressor.

It is effective when the surrounding area is quiet, such as in the night.

To use the OUTDOOR UNIT LOW NOISE Operation

Press the OUTDOOR UNIT LOW NOISE button .

"LOW NOISE" appears on the Remote Controller display .





To stop the OUTDOOR UNIT LOW NOISE Operation

Press the OUTDOOR UNIT LOW NOISE button .

"LOW NOISE" disappears from the Remote Controller display .

Normal operation begins.

About OUTDOOR UNIT LOW NOISE Operation

- OUTDOOR UNIT LOW NOISE Operation mode can be used during cooling, heating and automatic operation. It can not be used in FAN and DRY mode.
- OUTDOOR UNIT LOW NOISE Operation setting is saved even if the air-conditioned is stopped. Display on the remote control is also retained.
- When the fan speed and the rotation number of the compressor of the outdoor unit have sufficiently reduced, OUTDOOR UNIT LOW NOISE Operation mode does not further reduce the fan speed and the rotation number of the compressor.
- Moreover, if the POWERFUL Operation is set while setting the "" or "", "" or "" will be executed after the POWERFUL Operation ends.
- When outdoor air temperature is high, it may not be operated even if it has been set.
- When compressor rotational speed and fan speed are low enough, it may not be operated even if it has been set.
- This function cannot be used for the Multi-type air conditioner. Please release it when it is set. Otherwise the signal of wireless remote controller cannot be received.

MANUAL AUTO OPERATION

Use the MANUAL AUTO operation in the event the Remote Controller is lost or when the battery runs out.

How To Use the Main Unit Controls

Press the MANUAL AUTO button  more than 3 seconds and less than 10 seconds on indicator.

To stop operation, press the MANUAL AUTO button  for 3 seconds.

About the MANUAL AUTO button , please see page 3.

- When the air conditioner is operated by the controls on the MANUAL AUTO button, it will operate under the same mode as the AUTO mode selected on the Remote Controller (see page 7).
- The fan speed selected will be "AUTO" and the temperature setting will be standard (24 °C).

ON/OFF TIMER OPERATION

- ON TIMER : The air conditioner will start at the time you set.
- OFF TIMER : The air conditioner will stop at the time you set.
- Before using the timer function, be sure that the Remote Controller is set to the correct current time.

To use the ON timer or OFF timer

- 1 Press the **TIMER SETTING** button  .



At the beginning, “ WEEKLY” will be flashing, so press the **SELECT** button  to select either “ON” or “OFF” within “ ON/OFF”.

Press the **NEXT** button  .

- 2 Press the **SELECT** button  to set the desired On time or OFF timer.

- 3 Press the **SEND** button  .



In the case of the ON timer, the air conditioner will stop running.

If you want to cancel the setting midway, please press the **TIMER SETTING** button  instead of pressing the **SEND** button .


To cancel the ON timer or OFF timer

- 1 Press the **ON/OFF** button  while “ ON/OFF” is displayed.

- 2 “ ON/OFF” will disappear from the display.

- Press the **ON/OFF** button  while “ ON/OFF” is not displayed to set the ON (OFF) TIMER again for the time you set last time.
- You cannot combine WEEKLY TIMER, ON/OFF TIMER (PROGRAM TIMER), and SLEEP TIMER.



“ ON/OFF” • “ON” or “OFF” will be flashing

To Stop Air Conditioner Operation while the Timer is Operating

Press the **START/STOP** button .

PROGRAM TIMER OPERATION

- The program timer allows you to integrate OFF timer and ON timer operations in a single sequence. The sequence can involve 1 transition from OFF timer to ON timer, or from ON timer to OFF timer, within a 24 hour period.
- Before using the timer function, be sure that the Remote Controller is set to the correct current time.

To use the PROGRAM Timer

1 Press the **TIMER SETTING** button .

At the beginning, “⌚ON/OFF” will be flashing, so press the **SELECT** button  to select “ON↔OFF” within “⌚ON/OFF”.

Press the **NEXT** button .

2 Press the **SELECT** button  to set the desired ON time.

Press the **NEXT** button .

3 Press the **SELECT** button  to set the desired OFF time.

4 Press the **SEND** button .





Flashing the “⌚ON/OFF” · “ON↔OFF”.

To Stop Air Conditioner Operation while the Timer is Operating

Press the **START/STOP** button .


In the case of the ON timer, the air conditioner will stop running.

If you want to cancel the setting midway, please press the **TIMER SETTING** button  instead of pressing the **SEND** button .

To cancel the PROGRAM timer

1 Press the **ON/OFF** button  while “⌚ON/OFF” is displayed.


2 “⌚ON/OFF” will disappear from the display.

- Press the **ON/OFF** button  while “⌚ON/OFF” is not displayed to set the ON (OFF) TIMER again for the time you set last time.
- Only run operation once with the OFF TIMER and ON TIMER combined. (Either OFF → ON or ON → OFF once)
- Out of OFF TIMER and ON TIMER, the timer which has the nearest set time to the present will run first. You can display the sequence of operation by using the arrows on the display part of the remote control (“◀” or “▶”).
- You cannot combine WEEKLY TIMER, ON/OFF TIMER (PROGRAM TIMER), and SLEEP TIMER.
- The PROGRAM TIMER cannot be set for times more than 24 hours in advance.

SLEEP TIMER OPERATION

You can set the OFF TIMER to any time you want when you go to sleep.


The product adjusts the temperature to make it suitable for sleeping, which helps you sleep comfortably.

Once you set the time you want, you can easily set the timer to run from the next time, simply by pressing the SLEEP button  once.

To use the SLEEP timer

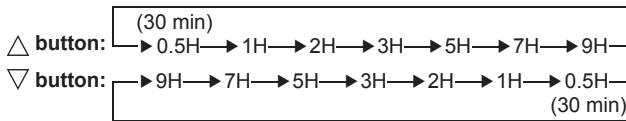
- 1 Press the TIMER SETTING button**  .

“ WEEKLY” will be firstly displayed flashing.



Press the SELECT button  to select “ SLEEP”.

Press the NEXT button  .


- 2 Press the SELECT button**  to set the OFF time.



- 3 Press the SEND button**  .

If you want to cancel the setting midway, please press the TIMER SETTING button  instead of pressing the SEND button .

To cancel the SLEEP timer

- 1 Press the SLEEP button**  while “ SLEEP” is displayed.
- “ SLEEP” will disappear from the display.

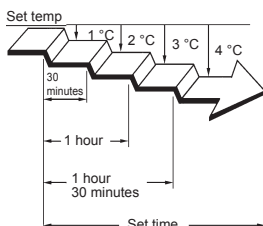
About the SLEEP timer

To prevent excessive warming or cooling during sleep, the SLEEP timer function automatically modifies the temperature setting in accordance with the set time setting. When the set time has elapsed, the air conditioner completely stops.

During Heating operation:

When the SLEEP timer is set, the temperature setting is automatically lowered 1 °C every 30 minutes. When the temperature setting is lowered a total of 4 °C, the temperature setting at that time is maintained until the set time elapses, at which time the air conditioner automatically turns off.

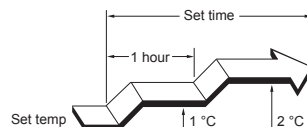
SLEEP timer setting



During Cooling/Dry operation:

When the SLEEP timer is set, the temperature setting is automatically raised 1 °C every 1 hour. When the temperature setting is raised a total of 2 °C, the temperature setting at that time is maintained until the set time elapses, at which time the air conditioner automatically turns off.



SLEEP timer setting



Flashing the “OFF” · “ SLEEP”.

To Stop Air Conditioner Operation while the Timer is Operating

Press the START/STOP button .

- When you press the SLEEP button  while  SLEEP is no longer displayed, the SLEEP TIMER you set last time will be set again.
- The WEEKLY TIMER, ON/OFF TIMER (program timer) and SLEEP TIMER cannot be combined.

WEEKLY TIMER OPERATION

Using in these cases of WEEKLY timer

The "OFF Timer" at which the operation will be stopped and the "ON Timer" at which the operation will be started can be combined, and up to 4 reservations (program 1~4) can be applied for one day, and 28 reservations for a week. Before creating the program, please adjust the week and time first, and then send it to the air conditioner. If the week and time are not adjusted, the program will not be operated at the set time. Please refer to [Set the day of the week and current time] (page 5).

Once you set this, the set operation will run on every day and every week.

Example of how to set the timer 1

Monday to Friday

Program 1 Set the ON Timer with a temperature of 24°C for 7 am. Program 2 Set the OFF timer for 9 am.

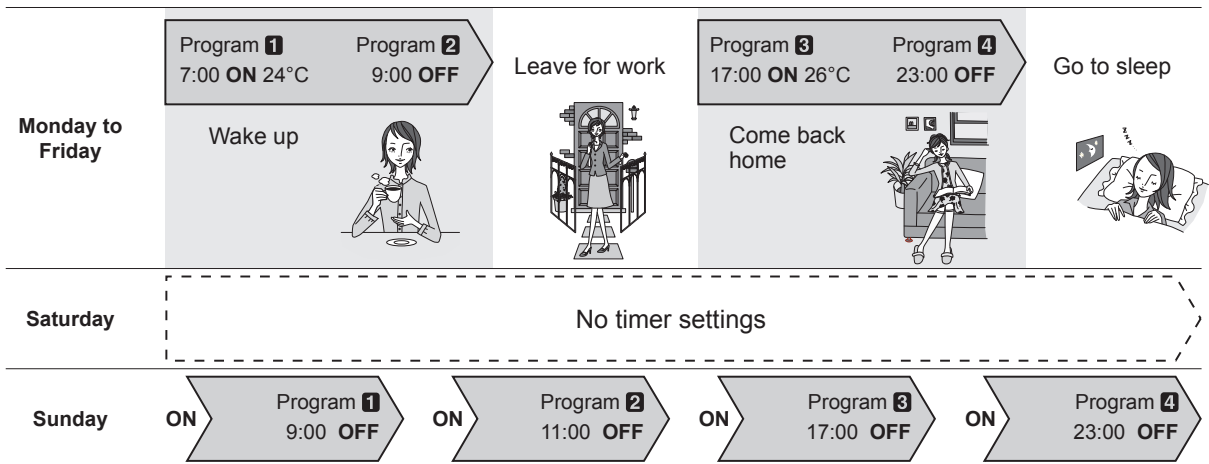
Program 3 Set the ON Timer with a temperature of 26°C for 5 pm. Program 4 Set the OFF timer for 11 pm.

Saturday

Program 1 ~ 4 No timer settings.

Sunday

If you set the OFF Timer for Program 1 at 9:00, Program 2 at 11:00, Program 3 at 17:00, and Program 4 at 23:00.



Example of how to set the timer 2

You can specify a given temperature in the ON setting in WEEKLY TIMER.

* You can set the temperature for Auto, Cool, and Dry within the range 18-30°C, for Heat the range is 10 or 16-30°C.

Even if you set 10, 16, or 17°C, if you run the product on Auto, Cool, or Dry it will run at 18°C.

During the heating season, even if you configure detailed settings with the temperature low when there is no one in the room and high when there is someone there, the air conditioning will automatically switch over.



CAUTION

- Operations other than the temperature setting will be the same at the last time operation was stopped, so Cooling → Heating → Cooling → Heating type of operations cannot be automatically set.
- If you set the ON Timer and OFF Timer on the same and for the same time, the air conditioner will run the ON Timer. If two ON Timers are set at the same time, the air-conditioning will run the program that was set earlier.
- If there is a power interrupting, such as due to a power outage during the WEEKLY timer setting or a circuit breaker cutting out, the internal timer of the air-conditioning will be incorrect. (See page 22 "AUTO Restart".) In such a case, the main timer lamp will notify you of this by flashing, so carry out matching of the time and date. (See page 5 "Set the day of the week and current time".)
- You cannot use the ON/OFF together with the SLEEP timer.
If you want to run the product on WEEKLY TIMER after the time is up after using the ON/OFF Timer, Program Timer, or SLEEP Timer within the WEEKLY TIMER, you need to set the WEEKLY TIMER again. (See page 18.)

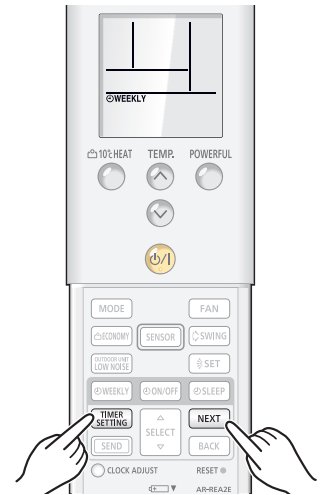
WEEKLY TIMER OPERATION

To use WEEKLY timer operation

1 Press the **TIMER SETTING** button  .

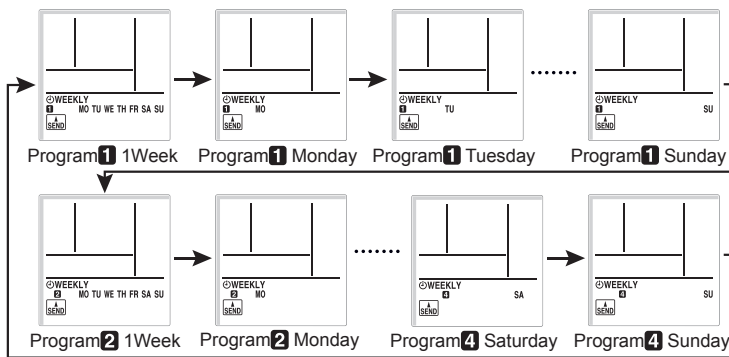
Firstly, since “WEEKLY” will be flashing.

Press the **NEXT** button  .




Flashing the “WEEKLY” .

2 Select the program and the day using the **SELECT** button  .

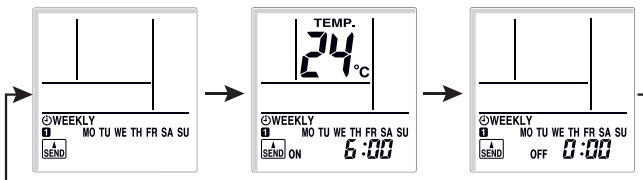


Press the **NEXT** button  , when the program number and day you want to set are flashing.



The program and day of the week / “” will be flashing

3 Using the **SELECT** button  select operation with the **ON** Timer, **OFF** Timer, or without a timer.



To operate without a timer

1. Press the **NEXT** button  to go back to step 2 and configure the next setting.
2. Press the **SEND** button  to finish

Press the **NEXT** button  .



Flashing the “**ON**” or “**OFF**” · “” .

WEEKLY TIMER OPERATION

4 Press the **SELECT** button  to set the desired **ON** time or **OFF** time.

If you selected OFF in step 3


1. Press the **NEXT** button  to go back to step 2 and configure the next setting.
2. Press the **SEND** button .

Press the **NEXT** button .





The time display / "**SEND**" will be flashing

5 Press the **SELECT** button  to set the temperature.

If you want to move on to the next setting, press the **NEXT** button , return to step 2 and configure the next setting.

To complete the setting, Press the **SEND** button .



If you want to cancel the setting midway, please press the **TIMER SETTING** button  instead of pressing the **SEND** button .



The temperature display / "**SEND**" will be flashing



CAUTION

- When canceling the WEEKLY TIMER, select No Timer Operation in Step 3 in To use WEEKLY TIMER Operation.
- If you want to go back to the previous step will configuring settings, press the **BACK** button  to return to the previous step.
- Press the **SEND** button , when you are close to the main unit. If you do so when far from the main unit, the signal may not get properly sent, and the settings may not get properly configured.

WEEKLY TIMER OPERATION

Check the schedule

1 Press the **TIMER SETTING** button  .

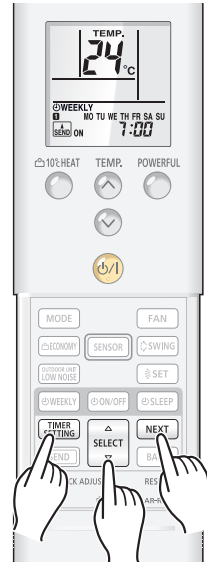
Firstly, since “⌚WEEKLY” will be flashing.

Press the **NEXT** button  .

2 Check the program, the day, and the time with the

SELECT button  .


3 Press the **TIMER SETTING** button  to return to the regular screen.



To cancel the WEEKLY timer

1 Press the **WEEKLY** button  when “⌚WEEKLY” is displayed.

2 “⌚WEEKLY” will disappear from the display.

- When “⌚WEEKLY” is not shown, press the **WEEKLY** button  to set the WEEKLY TIMER again.
- You cannot combine WEEKLY TIMER, ON/OFF TIMER (PROGRAM TIMER), and SLEEP TIMER.



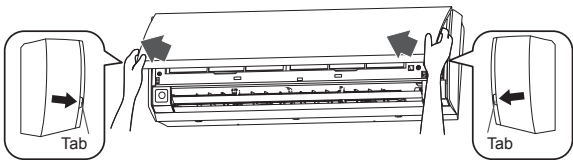
CLEANING AND CARE

⚠ CAUTION

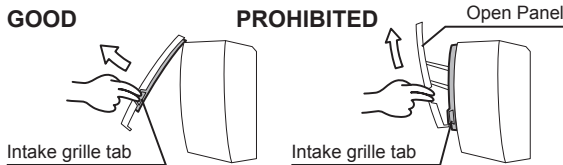
- Before cleaning the indoor unit, be sure to turn it off and disconnect the electrical breaker and so on.
- Be sure the Intake Grille is installed securely.
- When removing or replacing the air filters, be sure not to touch the heat exchanger, as personal injury may result.
- Do not operate the air conditioner with being opened the intake grille.

Open the Intake Grille

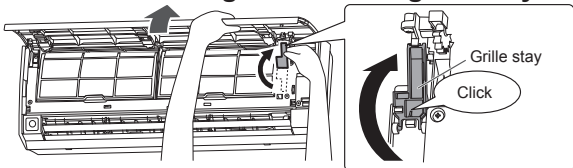
1. The tab on both sides of the intake grille is pulled forward.



Do not open the Open Panel only.



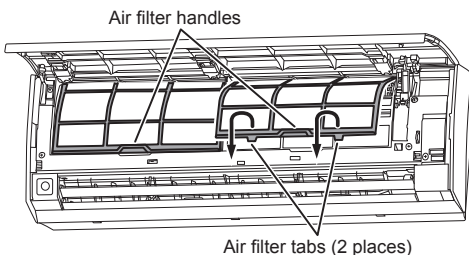
2. Fix the intake grille with the grille stay.



Cleaning the Air Filters

1. Remove the air filters.

Lift up the air filter handle, disconnect the 2 lower tabs, and pull out.

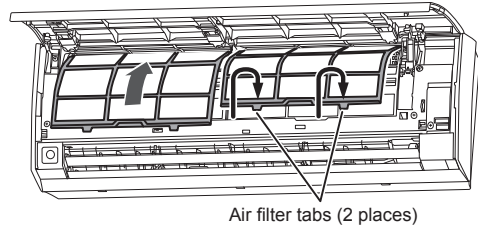


2. Remove dust with a vacuum cleaner or by washing.

- Dust can be cleaned from the air filter either with a vacuum cleaner, or by washing the filter in a solution of neutral detergent and warm water. If you wash the filter, be sure to allow it to dry thoroughly in a shaded place before reinstalling.
- If dust is allowed to accumulate on the air filter, airflow will be reduced, lowering operating efficiency and increasing noise.
- During periods of normal use, the Air Filters should be cleaned every 2 weeks.

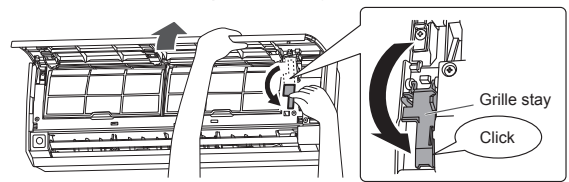
3. Replace the air filters.

Align the sides of the air filter with the panel, and push in fully, making sure the 2 lower tabs are returned properly to their holes in the panel.



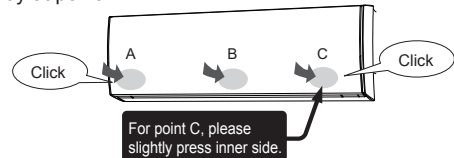
Close the Intake Grille

1. Release the grille stay.

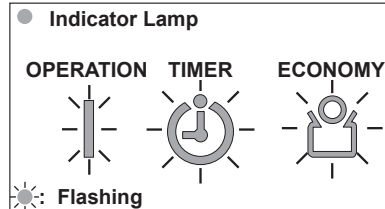


2. Close the intake grille.

Press point A and point C lightly until they click, then press lightly at point B.



If the intake grille is not completely closed, the air-conditioner will not operate and the lamp will flash as shown below.



- Firstly, the Operation Lamp will flash 5 times, and then the Timer Lamp will flash 8 times, and this will be repeated.
- The Economy Lamp will continue to flash.
- Close the intake grille firmly. When the grille is closed firmly, flashing of the lamps stop and the indoor unit starts the operation.
- When closing the intake grille, the open panel perhaps is opened. On this occasion, please turn off power supply firstly then turn on it, the open panel will return to a normal close state.

- When used for extended periods, the indoor unit may accumulate dust inside, reducing its performance. We recommend that the indoor unit be inspected regularly, in addition to your own cleaning and care. For more information, consult authorized service personnel.
- When cleaning the indoor unit's body, do not use water hotter than 40 °C, harsh abrasive cleansers, or volatile agents like benzene or thinner.
- Do not expose the indoor unit's body to liquid insecticides or hair sprays.
- When shutting down the indoor unit for 1 month or more, first allow the fan mode to operate continuously for half a day to allow internal parts to dry thoroughly.

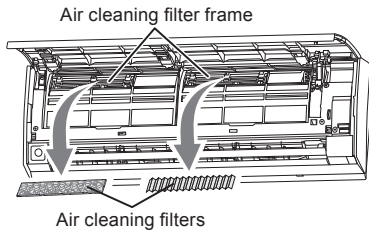
CLEANING AND CARE

Install or Replace the Air Cleaning Filter

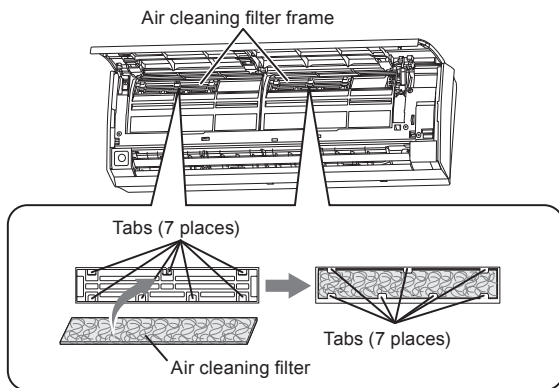
1. Open the intake grille and remove the air filters.

Please refer to the page 19.

2. Remove the dirty air cleaning filters attached to the frames of the front panel. (When replacing)



3. Attach the new (or maintained) air cleaning filters to the frame of the front panel.



The new air cleaning filters can be attached to any of the right frame or the left frame.

Replace filters with the following components (purchased separately).

- POLYPHENOL CATECHIN AIR CLEANING FILTER : UTR-FA16
- NEGATIVE AIR IONS DEODORIZING FILTER: UTR-FA16-2

4. Install the air filters and close the intake grille.

Please refer to page 19.

About the Air Cleaning Filters

- When Air Cleaning Filters are used, the effect will increase by setting the fan speed to "High".

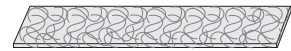
[POLYPHENOL CATECHIN AIR CLEANING FILTER] (1 sheet)



- The Air Cleaning Filters are disposable filters. (They can not be washed and reused.)
- For storage of the Air Cleaning Filters, use the filters as soon as possible after opening the package. (The air cleaning effect decreases when the filters are left in the opened package)
- Generally, the filters should be exchanged about every 3 months.

Please buy dedicated air cleaning filters (UTR-FA16) (Sold separately) to exchange the used dirty air cleaning filter.

[NEGATIVE AIR IONS DEODORIZING FILTER (light blue)] (1 sheet)



- The filter should be exchanged about every 3 years so as to maintain the deodorizing effect.
- Filter frame is not a one-off product.

Please buy dedicated deodorizing filter (UTR-FA16-2) (Sold separately) when exchanging the filter.

Maintenance of Deodorizing Filters

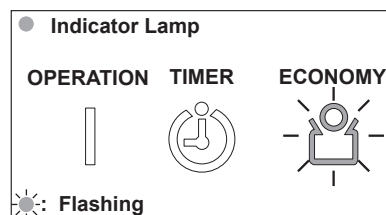
In order to maintain the deodorizing effect, please clean the filter in the follow way once 3 months.

- (1) Remove the deodorizing filter.
- (2) Clean with water and dry in the air.
 - 1) Flush the filter with high-pressure hot water until the surface of the filter is covered with water. Please flush with diluent neutral detergent. Never wash by reaming or rubbing, otherwise it will damage the deodorizing effect.
 - 2) Rinse with water flow.
 - 3) Dry in shade.
- (3) Reinstall the deodorizing filter.

Filter Indicator Reset (The special setting)

Can be used if set correctly during installation. Please consult authorized serviceman when using this function.

- ECONOMY lamp will flashing on when it is time to clean the air filters.



- Clean the air filters referring to page 19.
- After cleaning, press the MANUAL AUTO button for 2 seconds or less on the indoor unit. (See page 3.)

TROUBLESHOOTING



WARNING

In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker and consult authorized service personnel.

Merely turning off the unit's power switch will not completely disconnect the unit from the power source. Always be sure to turn off the electrical breaker to ensure that power is completely off.

Before requesting service, perform the following checks:

	Symptom	Problem	See Page
NORMAL FUNCTION	Doesn't operate immediately:	<ul style="list-style-type: none"> ● If the indoor unit is stopped and then immediately started again, the compressor will not operate for about 3 minutes, in order to prevent fuse blowouts. ● Whenever the electrical breaker is turned off then on again the protection circuit will operate for about 3 minutes, preventing unit operation during that period. 	—
	Noise is heard:	<ul style="list-style-type: none"> ● During operation or immediately after stopping the unit, the sound of water flowing in the air conditioner's piping may be heard. Also, noise may be particularly noticeable for about 2 to 3 minutes after starting operation (sound of refrigerant flowing). ● During operation, a slight squeaking sound may be heard. This is the result of minute expansion and contraction of the front panel due to temperature changes. 	—
		<ul style="list-style-type: none"> ● During Heating operation, a sizzling sound may be heard occasional. This sound is produced by the Automatic Defrosting operation. 	22
	Smells:	<ul style="list-style-type: none"> ● Some smell may be emitted from the indoor unit. This smell is the result of room smells (furniture, tobacco, etc.) which have been taken into the indoor unit. 	—
	Mist or steam is emitted:	<ul style="list-style-type: none"> ● During Cooling or Dry operation, a thin mist may be seen emitted from the indoor unit. This results from the sudden Cooling of room air by the cool air emitted from the indoor unit, resulting in condensation and misting. 	—
		<ul style="list-style-type: none"> ● During Heating operation, the outdoor unit's fan may stop, and steam may be seen rising from the unit. This is due to Automatic Defrosting operation. 	22
	Airflow is weak or stops:	<ul style="list-style-type: none"> ● When Heating operation is started, fan speed is temporarily very low, to allow internal parts to warm up. ● During Heating operation, if the room temperature rises above the temperature setting, the outdoor unit will stop, and the indoor unit will operate at very low fan speed. If you wish to warm the room further, set the temperature for a higher setting. 	—
		<ul style="list-style-type: none"> ● During Heating operation, the indoor unit will temporarily stop operation (Max. 15 minutes) as the Automatic Defrosting mode operates. During Automatic Defrosting operation, the OPERATION Indicator Lamp will flash. 	22
		<ul style="list-style-type: none"> ● During Dry mode, the indoor unit will operate at low speed; in order to adjust room humidity, the indoor unit's fan may stop from time to time. Also, the fan may operate at very low speed when adjusting room humidity. 	7
		<ul style="list-style-type: none"> ● During SUPER QUIET operation, the fan will operate at very low speed. 	6
		<ul style="list-style-type: none"> ● In the monitor of AUTO operation, the fan will operate at very low speed. 	7
		<ul style="list-style-type: none"> ● In case of Multi-type unit, if multiple units are operated in different operation modes as shown below, the units operated afterward will stop and the OPERATION indicator lamp (green) will flash. Heating mode and cooling mode (or Dry mode) Heating mode and fan mode 	23
		<ul style="list-style-type: none"> ● During Heating operation, water may be produced from the outdoor unit due to Automatic Defrosting operation. 	22

TROUBLESHOOTING

	Symptom	Items to check	See Page
CHECK ONCE MORE	Doesn't operate at all:	<ul style="list-style-type: none"> ● Has the circuit breaker been turn off? ● Has there been a power failure? ● Has a fuse blown out, or a circuit breaker been tripped? 	—
		<ul style="list-style-type: none"> ● Is the intake grille completely closed? 	19
		<ul style="list-style-type: none"> ● Is the timer operating? 	12 - 18
		<ul style="list-style-type: none"> ● Is Multi-type air conditioner set to "LOW NOISE" with the wireless remote controller? 	11
	Poor Cooling (or Heating) performance:	<ul style="list-style-type: none"> ● Is the Air Filter dirty? ● Are the air conditioner's intake grille or outlet port blocked? ● Did you adjust the room temperature settings (temperature) correctly? ● Is there a window or door open? ● In the case of Cooling operation, is a window allowing bright sunlight to enter? (Close the curtains.) ● In the case of Cooling operation, are there heating apparatus and computers inside the room, or are there too many people in the room? 	—
		<ul style="list-style-type: none"> ● Has OUTDOOR UNIT LOW NOISE not been set? 	11
		<ul style="list-style-type: none"> ● Is the unit set for SUPER QUIET operation? 	6
	The unit operates differently from the Remote Controller's setting:	<ul style="list-style-type: none"> ● Are the Remote Controller's batteries dead? ● Are the Remote Controller's batteries loaded properly? 	5

If the problem persists after performing these checks, or if you notice burning smells, or the OPERATION Indicator Lamp and the TIMER Indicator Lamp flashes, and ECONOMY Indicator Lamp flashes fast. Immediately stop operation, turn off the electrical breaker and consult authorized service personnel.

OPERATING TIPS

Operation and Performance

Heating Performance

- This air conditioner operates on the heat-pump principle, absorbing heat from outdoor air and transferring that heat to indoor unit. As a result, the operating performance is reduced as outdoor air temperature drops. If you feel that insufficient heating performance is being produced, we recommend you use this air conditioner in conjunction with another kind of heating appliance.
- Heat-pump air conditioners heat your entire room by recirculating air throughout the room, with the result that some time may be required after first starting the air conditioner until the room is heated.

Microcomputer-controlled Automatic Defrosting

- When using the Heating mode under conditions of low outdoor temperature and high humidity, frost may form on the outdoor unit, resulting in reduced operating performance.
In order to prevent this kind of reduced performance, this air conditioner is equipped with a Microcomputer-controlled Automatic Defrosting function. If frost forms, the air conditioner will temporarily stop, and the defrosting circuit will operate briefly (Max. 15 minutes).
During Automatic Defrosting operation, the OPERATION Indicator Lamp (green) will flash.
- After heating operation stops, if frost forms on the outdoor unit, the unit will start Automatic Defrosting operation. At this time, the outdoor unit will automatically stop after operating for a few minutes.

AUTO Restart

In Event of Power Interruption

- The power supply to the air conditioner is stopped by a power interruption. The air conditioner will then restart automatically in its previous mode when the power is restored.
- If a power interruption occurs during TIMER operation, the timer will be reset and the indoor unit will begin (or stop) operation at the new time setting. In the event that this kind of timer fault occurs, the TIMER Indicator Lamp will flash (see page 3.).
- Use of other electrical appliances (electric shaver, etc.) or nearby use of a wireless radio transmitter may cause the air conditioner to malfunction. In this event, temporarily turn off the circuit breaker, turn it on and then use the Remote Controller to resume operation.

OPERATING TIPS

Multi-type Air conditioner

This indoor unit can be connected to a multi-type outdoor unit depending on model. The multi-type air conditioner allows multiple indoor units to be operated in multiple locations. The indoor units may be operated simultaneously, in accordance with their respective output.

Simultaneous Use of Multiple Units

- When using a multi-type air conditioner, the multiple indoor units can be operated simultaneously, but when two or more indoor units of the same group are operated simultaneously, the heating and cooling efficiency will be less than when a single indoor unit is used alone. Accordingly, when you wish to use more than 1 indoor unit for cooling at the same time, the use should be concentrated at night and other times when less output is required. In the same way, when multiple units are used simultaneously for heating, it is recommended that they be used in conjunction with other auxiliary space heaters, as required.
- Seasonal and outdoor temperature conditions, the structure of the rooms and the number of persons present may also result in differences of operating efficiency. We recommend that you try various operating patterns in order to confirm the level of heating and cooling output provided by your units, and use the units in the way that best matches your family's lifestyle.
- If you discover that one or more units delivers a low level of cooling or heating during simultaneous operation, we recommend that you stop simultaneous operation of the multiple units.
- Operation cannot be done in the following different operating modes.
If the indoor unit is instructed to do an operating mode that it cannot perform, the OPERATION indicator lamp (green) on the indoor unit will flash (1 second on, 1 second off) and the unit will go into the standby mode.
Heating mode and cooling mode (or dry mode)
Heating mode and fan mode
- Operation can be done in the following different operating modes.
Cooling mode and Dry mode
Cooling mode and Fan mode
Dry mode and fan mode
- The operating mode (heating mode or cooling (dry) mode) of the outdoor unit will be determined by the operating mode of the indoor unit that was operated first. If the indoor unit was started in fan mode, the operating mode of the outdoor unit will not be determined.
For example, if indoor unit (A) was started in fan mode and then indoor unit (B) was then operated in heating mode, indoor unit (A) would temporarily start operation in fan mode but when indoor unit (B) started operating in heating mode, the OPERATION indicator lamp (green) for indoor unit (A) would begin to flash (1 second on, 1 second off) and it would go into standby mode. Indoor unit (B) would continue to operate in heating mode.

Notice

- During use of the heating mode, the outdoor unit will occasionally commence the defrost operation for brief periods. During the defrosting operation, if the user sets the indoor unit for heating again, the defrosting mode will continue, and the heating operation will begin after completion of defrosting, with the result that some time may be required before warm air is emitted.
- During use of the heating mode, the top of the indoor unit may become warm, but this is due to the fact that coolant is circulated through the indoor unit even when it is stopped; it is not a malfunction.

Temperature and Humidity Range

Permissible ranges of temperature and humidity are as follows:

Cooling/Dry Operation	Indoor temperature	About 18 °C to 32 °C
	Indoor humidity	Below approximately 80%. If the air conditioner is used continuously for many hours, water may condense on the surface and drip.
Heating	Indoor temperature	About 16 °C to 30 °C

If the unit is used under higher temperature conditions than those noted here, the automatic protection circuit may operate, interrupting the operation. If the unit is used under lower temperature conditions than those noted here, the heat exchanger may freeze, causing water leakage or other malfunction.

- Do not use the air conditioner for any purpose other than room cooling/dry, room heating or fan.