

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

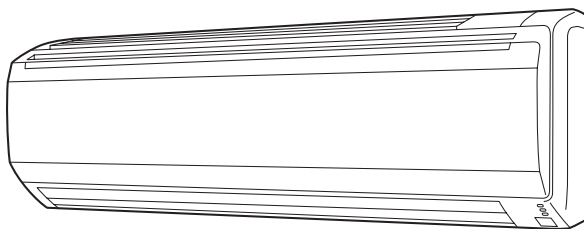
室內機組

ASWG18LFCA

Outdoor Unit

室外機組

AOWG18LFC



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. 9315345523


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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裝事項有關，請在操作時注意安全。
- 「危險」、「警告」和「注意」在此說明中有以下意義：

 危險	本標誌表示如程序失當，極可能導致用戶或維修人員死亡或嚴重人身傷害。
 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。

-  危險
 - 請勿嘗試自行安裝本空調機。
 - 本機沒有用戶可自行維修的部分。若需維修請務必與經授權的維修技術人員聯繫。
 - 當需要移機時，請與經授權的維修技術人員聯繫有關拆卸和安裝事宜。
 - 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入風格柵。
 - 請勿採用插拔電源線的方法啟動/停止空調機。
 - 注意切勿損傷電源線。
 - 萬一發生故障（發出焦味等）時，請立即停止運轉，拔下電源線，然後與經授權的維修技術人員聯繫。
 - 在冷媒外漏的情況下，請務必遠離火或任何易燃物。（請與合資格的維修人員接洽）
 - 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，因此必須請經授權的維修技術人員進行更換。

-  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器。
 - 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。
 - 請勿讓動物或植物位於風直接吹過的通路上。
 - 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。
 - 運轉過程中，連接閥溫度會升高；操作時請小心。
 - 請勿向散熱片施加重壓。
 - 必須裝上空調濾網後才能使用。
 - 請勿阻塞或遮蓋入風口格柵和出風口。
 - 必須讓任何其他電子設備與室內機組或室外機組保持1米以上的距離。
 - 請避免將空調機安裝在壁爐或其他供暖設備附近。
 - 當安裝室內機組和室外機組時，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。請注意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，機組自動轉換到小功率設置，進行省電、舒適的運作。

省電操作

運轉省電操作模式時，室溫會在供冷模式中比設定溫度略高，而在供暖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。

水平氣流：供冷/向下氣流：供暖

供冷時，請使用水平氣流，使冷空氣不對房間內的人直吹。供暖時，請使用向下氣流向地面傳送強力、溫暖的暖氣，營造舒適的環境。

全向氣流（搖擺操作）

通過上/下氣流方向搖擺和右/左氣流方向搖擺兩種不同的方法，可以對氣流方向進行三向控制。由於上/下氣流方向擋板可根據冷氣機的操作方式自動操作，因此可以依據操作方式設定氣流方向。

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，使溫度一直保持恒定。

靜音運轉

當用送風控制按鈕選擇靜音時，空調機開始進行靜音運轉，室內機組的風量減小以進行更安靜地運轉。

10 °C 暖氣運轉

可以按10 °C HEAT按鈕將室溫維持在 10 °C，從而避免室溫降得太低。

■ 便捷功能

程式時間器

程式時間器可以把開啓時間器和關閉時間器操作組合成一個單一程式來使用。本程式可以在24小時內從關閉時間器到開啓時間器或從開啓時間器到關閉時間器的操作。

睡眠定時器

如果在暖氣模式中按下睡眠按鈕，在睡眠運轉期間空調機的溫度自動調節裝置的設定值會逐漸降低；如果在冷氣模式中按下睡眠按鈕，溫度自動調節裝置的設定值會逐漸升高。當預定時間到達時，空調機將自動關閉。

■ 清潔功能

可拆除式回風格柵

室內單元的回風格柵可拆除，便于做簡單的清潔和保養。

防霉空氣濾網

防霉空氣濾網，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，能抑制吸入過濾器的細菌繼續生長。

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，能吸收并緩和中異味。

■ 遙控器

無線遙控器

利用無線遙控器可非常方便地控制空調機的運轉。

有線遙控器（選配）

可以使用選配的有線遙控器。使用遙控器時，與使用無線遙控器有以下不同之處。

[有線遙控器的其他功能]

- 一週時間器
- 溫度回復設定時間器

不能同時使用有線遙控器和無線遙控器。（但功能有限制）使用了無線遙控器上的限制功能時，會發出「嘀嗒」聲，室內機組的操作、時間器及第3個指示燈閃爍。

[有線遙控器的限制功能]

- 10 °C 暖氣運轉
- 時間器（開啓時間器、關閉時間器、程式時間器）
- 睡眠時間器

各部分名稱

圖 1

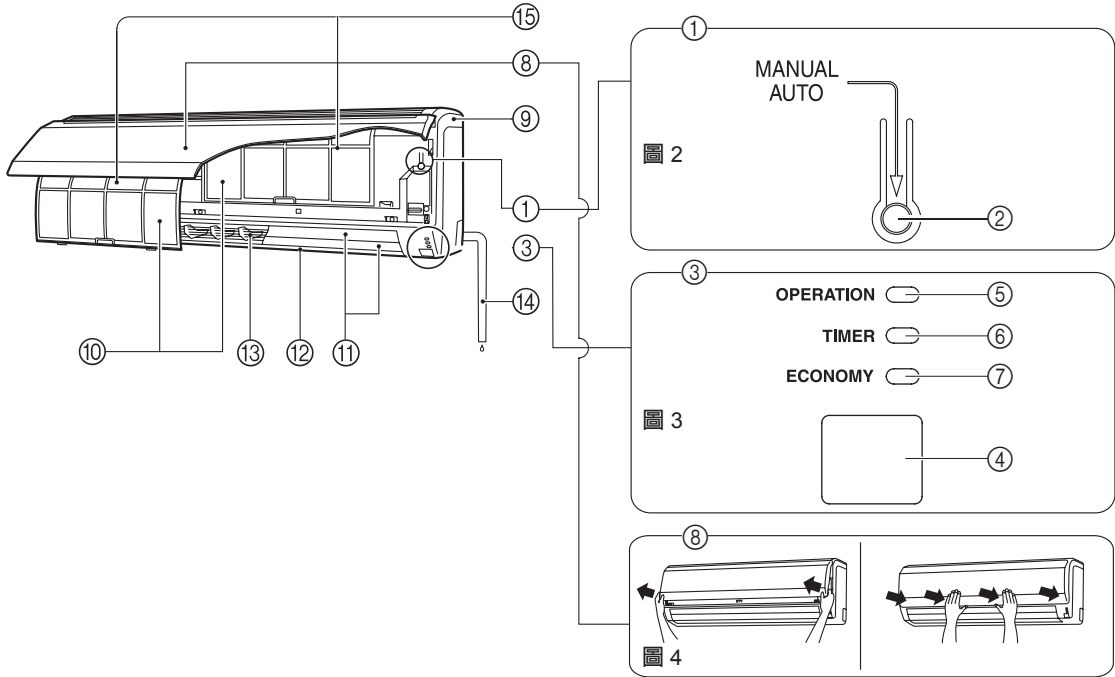


圖 5

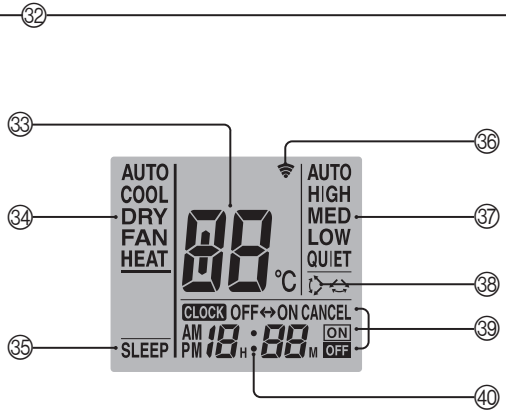
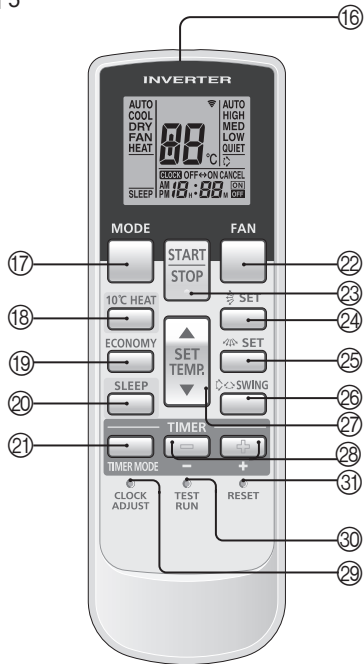


圖 6

本圖解表示全指示燈發亮狀態時的控制顯示。當實際使用時，只顯示現在所需要的指示燈。

圖1 室內機組

① 操作控制面板 (圖2)

② 強制自動按鈕

- 按住強制自動按鈕，保持10秒鐘以上，空調即會進入強制制冷狀態。
- 強制制冷功能僅供安裝人員使用。其它人員請勿使用。
- 万一強制制冷功能被起動，請按啟動/停止按鈕令其停止。
- 請按下過濾網指示器重設上的按鈕。

③ 指示燈 (圖3)

④ 遙控信號接收器

⑤ 運轉指示燈 (綠)

⑥ 定時器指示燈 (橙)

- 當定時器工作時，定時指示燈將閃爍；當定時器設定後，指示燈會顯示發生的錯誤 (請參閱第16頁自動重新啟動)。

⑦ 省電指示燈 (綠)

- 省電運轉和 10 °C 暖氣運轉時，省電指示燈會亮起。

⑧ 回風格柵 (圖4)

⑨ 正面板

⑩ 空氣過濾網

⑪ 氣流方向導向板

⑫ 擴散風葉

⑬ 左右導向板

(位於氣流方向導向板後面)

⑭ 排水管

⑮ 空氣淨化過濾網

圖5 遙控器

⑯ 信號發射器

⑰ 功能選擇按鈕

⑱ 10 °C 暖氣運轉

⑲ 省電按鈕

⑳ 睡眠按鈕

㉑ 定時模式按鈕

㉒ 風量選擇按鈕

㉓ 啟動/停止按鈕

㉔ 氣流方向按鈕 (垂直)

㉕ 氣流方向按鈕 (水平)

㉖ 搖擺按鈕

㉗ 溫度按鈕 (▲ / ▼)

㉘ 定時設定 (+ / -) 按鈕

㉙ 時間設定按鈕

㉚ 運轉測試按鈕

- 該按鈕用於空調機的安裝，在一般情況下請勿使用，否則可能會導致空調機的溫度調節器無法正常工作。
- 在正常運轉過程中若按了該按鈕，機組將轉換到試運轉模式，室內機組上的運轉指示燈和定時器指示燈將同時閃爍。
- 若要停止試運轉模式，請按啟動/停止按鈕關閉空調機。

㉛ 復歸按鈕

㉜ 遙控器顯示 (圖6)

㉝ 溫度顯示

㉞ 操作模式顯示

㉟ 睡眠顯示

㊱ 傳輸指示燈

㊲ 風速顯示

㊳ 搖擺顯示

㊴ 定時器模式顯示

㊵ 時鐘顯示


準備工作

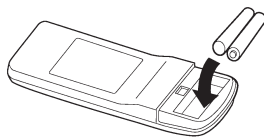
開啓電源

1 開啓漏電斷路器。

裝入電池 (AAA/R03/LR03×2)

1 按下並向後滑動電池蓋使之打開。

按下  標記位置時，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 關上電池蓋。

⚠ 注意

- 注意不要讓孩童誤吞入電池。
- 長時間不使用遙控器時，請取出電池，以免造成可能的電解液泄漏而損壞裝置。
- 若泄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類型的電池。
在正常使用條件，電池的使用壽命約1年。若遙控器的有效操作距離範圍顯著變小，請更換電池，然後用圓珠筆或其他類似尖狀物體按復歸按鈕。


設定當前時間

1 按時間設定按鈕 (圖5 29)

利用圓珠筆尖或其它細小物體按該按鈕。

2 用定時設定 (⊕ / ⊖) 按鈕 (圖5 28) 將時鐘調節為當前時間。

 按鈕：按該按鈕使時間前進。

 按鈕：按該按鈕使時間后退。

(每按一次這兩個按鈕，時間分別以1分鐘為步長前進/后退。按住這兩個按鈕不放，可分別快速以10分鐘為步長改變時間。)

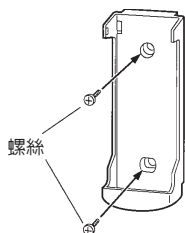
3 按時間設定按鈕 (圖5 29)。

將完成時間設定并啟動時鐘。

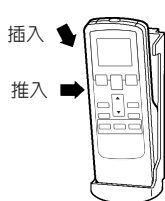
使用遙控器

- 為了保證正常工作，必須將遙控器指向信號接收器 (圖3 4)。
- 有效操作距離：約7 m。
- 當空調機正常接收到信號時，將聽到“嗶”聲。
- 若未聽到“嗶”聲，請再次按下遙控器按鈕。

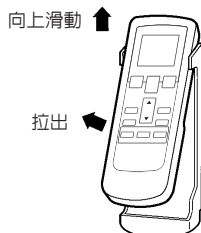
遙控器支架



① 安裝支架



② 安放遙控器



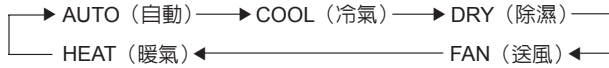
③ 取出遙控器 (以便手持使用)

運轉

選擇運轉模式

1 按下啟動/停止按鈕（圖5 ㉓）。
室內機組上的運轉指示燈（綠）（圖3 ⑤）亮起。
空調機開始運轉。

2 按下功能選擇按鈕（圖5 ⑰）選擇所需要的模式。
每按一次本按鈕，運轉模式按如下順序轉換。



約3秒鐘後，整體的顯示會重新出現。

設定溫度調節器

按下溫度按鈕（圖5 ㉗）。

- ▲ 按鈕：按此按鈕調高溫度設定。
- ▼ 按鈕：按此按鈕調低溫度設定。

● 溫度調節器設定範圍：

AUTO (自動) 18-30°C
Heating (暖氣) 16-30°C
Cooling/Dry (冷氣/除濕) 18-30°C

在送風模式中不能用溫度調節器來設定室溫（在遙控器顯示屏上不會出現溫度顯示）。

約3秒後，整體的顯示會重新出現。

溫度調節器設定只能作為標準值，可能與實際室溫有少許差異。

設定送風速度

按風量選擇按鈕（圖5 ㉚）。

每按一次該按鈕，送風速度按如下順序轉換。



約3秒鐘後，整體的顯示會重新出現。

當設定自動時：

- 暖氣：自動控制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，送風將以非常低的速度運轉。
- 冷氣：當室內溫度接近溫度調節器設定的溫度時，送風速度將變慢。
- 送風：送風啟動關閉交替進行，啟動時，送風以低速運轉。

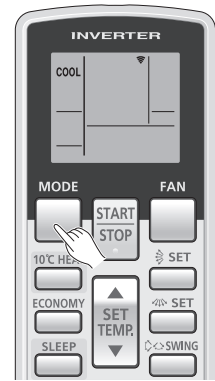
在進行溫度監控運轉或暖氣模式剛啟動時，送風將以很低的速度運轉。

當設定為靜音時

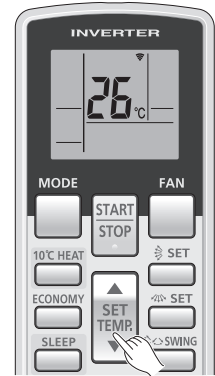
當設定為靜音時：

開始靜音運轉。室內機組的氣流將減弱以便更安靜地運轉。

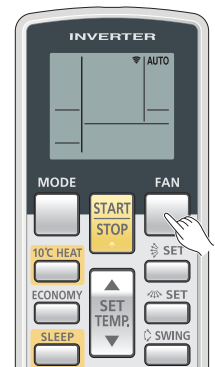
- 在除濕模式中不能使用靜音運轉功能。（同樣，在自動模式運轉過程中若選擇除濕模式，也不能使用靜音運轉功能。）
- 在靜音運轉過程中，冷氣性能將稍有降低。使用靜音運轉功能時如果室內沒有冷卻下來，請調整空調機的風速。



範例：當設定為冷氣時。



範例：當設定為26°C時。



範例：當設定為自動時。

停止運轉

按 START/STOP 按鈕（圖5 ㉓）。

運轉指示燈（綠色）將熄滅。

模式選擇

- 自動：
- 選擇了 AUTO（自動切換）運轉時，空調機將根據當前室溫自動選擇合適的（冷氣或暖氣）運轉模式。
 - 首先選擇了 AUTO（自動切換）運轉時，風扇會以低速運轉幾分鐘，在該時間內，室內機組將偵測室內條件，並選擇合適的運轉模式。

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

- 當空調機已將室內溫度調節到恆溫器設定的溫度附近時，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，空調機將再次選擇合適的運轉（暖氣、冷氣）模式，將溫度調節到恆溫器所設定的值。
- 若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。

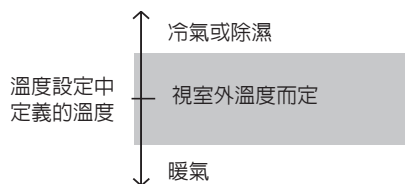
- 暖氣：
- 為房間供暖。
 - 選擇了暖氣模式時，空調機將以低速運轉約 3 至 5 分鐘，然後轉換到所選擇的送風設定。室內機組利用這段時間進行預熱，然後開始全速運轉。
 - 室內溫度非常低時，室外機組可能會結霜，其性能可能會下降。為了除霜，機組將自動不定時進入除霜循環。在自動除霜運轉期間，運轉指示燈將閃爍，暖氣運轉將中斷。

- 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，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：

請將恆溫器設定為高於當前室內溫度。若恆溫器設定為低於實際室內溫度，暖氣模式將不會運轉。

在冷氣/除濕模式中：

請將恆溫器設定為低於當前室內溫度。若恆溫器設定為高於實際室內溫度，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。

定時器操作

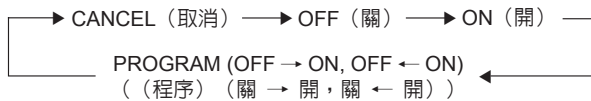
在使用時間器功能之前，確認遙控器被設定成正確的目前時間（☞ 第5頁）。

使用開啓時間器或關閉時間器

1 按下START/STOP按鈕（圖5 ㉓）。
（若機組正在運轉，請跳到步驟2）。
室內機組上的運轉指示燈（綠）（圖3 ⑤）將亮起。

2 按下TIMER MODE按鈕（圖5 ㉑）以選擇停止時間器或開機時間器。

每一次按下本按鈕，定時器功能按如下順序變化：



室內機組的TIMER指示燈（橙）（圖3 ⑥）會點亮。

3 使用TIMER SET按鈕（圖5 ㉒）以調節希望的關機或開機時間。

在時間顯示閃爍期間進行時間設定（閃爍將持續5秒）。

+ 按鈕：按下增加時間讀數。

- 按鈕：按下減少時間讀數。

約5秒鐘后，整體顯示將會重新出現。

取消定時器

使用時間器模式按鈕選擇「取消」。
空調機會回復正常運轉。

改變定時器設定

執行使用定時器的步驟2與步驟3。

定時器正在運轉時若要停止空調機的運轉

按下START/STOP按鈕。

變更操作環境

如果想變更操作環境（模式、送風速度及溫度調節器設定），定時器設定完成後，等待整體顯示恢復，然後按適當的按鈕，變更為所需的操作環境。

使用程式時間器

1 按START/STOP按鈕（圖5 ㉓）
（若機組正在運轉，請跳到步驟2）。
室內機組上的OPERATION指示燈（綠）（圖3 ⑤）將亮起。

2 設定關機定時器及開機定時器。
請參照“使用開機定時器或關機定時器”以設定操作方式及時間。
約3秒鐘后，整體顯示將會重新出現。

室內機組的TIMER指示燈（橙）（圖3 ⑥）會點亮。

3 按下TIMER MODE按鈕（圖5 ㉑）以選擇程序定時器操作（關 → 開或關 ← 開會被顯示）。

顯示屏會交替地顯示“關機定時器”及“開機定時器”的時間，然后固定顯示首選開始操作的時間設定。

● 程序定時器會開始操作。（如果開機定時器被選定為首先運作，顯示屏會固定顯示首先開始操作的時間設定。）

約5秒鐘后，整體顯示將會重新出現。

取消定時器

使用TIMER MODE按鈕選擇「取消」。
空調機會回復正常運轉。

改變定時器設定

1. 請參照“使用開機定時器或關機定時器”以選擇改變定時器設定。
2. 按下定時器按鈕以選擇。關 → 開或關 ← 開。

定時器正在運轉時若要停止空調機的運轉

按下START/STOP按鈕。

變更操作環境

如果想變更操作環境（模式、送風速度及溫度調節器設定），定時器設定完成後，等待整體顯示恢復，然後按適當的按鈕，變更為所需的操作環境。

關於程序定時器

- 程序定時器可以把關機定時器和開機定時器操作組合成一個單一程序來使用。本程序可以在24小時內從關機定時器到開機定時器的操作。
- 首先起用的定時器功能將是最接近現在時間的定時器設定。工作次序已用箭頭顯示于遙控器的顯示屏（OFF（關）→ ON（開））或（OFF（關）← ON（開））。
- 程序定時器的使用例子：
使空調器在入睡后自動停止（關機定時器）然后在早晨起床之前自動啟動（開機定時器）。

睡眠定時器操作

不同於其他定時器功能，睡眠定時器是用來設定空調機運轉至自動停止前的時間長度。

使用睡眠定時器

當空調器在運轉中或停止時，按下SLEEP按鈕（圖 5 ㉔）。

室內機組的OPERATION指示燈（綠）（圖 3 ㉕）及TIMER指示燈（橙）（圖 3 ㉖）會點亮。

取消定時器：

使用TIMER MODE按鈕選擇「CANCEL」。空調機會回復正常運轉。

定時器正在運轉時若要停止空調機的運轉：

按下START / STOP按鈕。

改變定時器設定

再一次按下SLEEP按鈕（圖 5 ㉔），然後使用TIMER SET按鈕（圖 5 ㉘）以設定時間。

在時間顯示閃爍時，進行時間設定（閃爍持續約5秒）。

+ 按鈕：按下增加時間讀數。

- 按鈕：按下減少時間讀數。

約5秒鐘后，整體顯示將會重新出現。

關於睡眠定時器

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

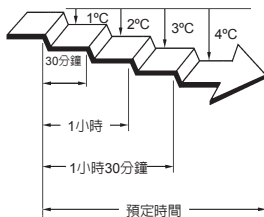
在暖氣運轉期間：

如果設定了睡眠定時器，溫度調節器的設定值每三十分鐘會自動降低 1°C 。當溫度調節器的設定值累計下降 4°C 時，從此刻起一直到預定時間此設定值將不會再變化，到達預定時間後空調機自動關閉。

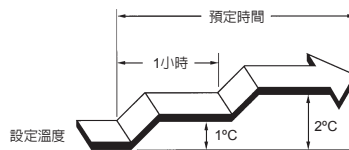
在冷氣/除濕運轉期間：

如果設定了睡眠定時器，溫度調節器的設定值每六十分鐘會自動昇高 1°C 。當溫度調節器的設定值累計昇高 2°C 時，從此刻起一直到預定時間此設定值將不會再變化，到達預定時間後空調機自動關閉。

睡眠定時器設定



睡眠定時器設定



調整氣流循環方向

- 使用遙控器上的氣流方向按鈕調整向上、向下、向左與向右的風向。
- 室內機組開始運轉後並且氣流方向導向板停止運動時，使用氣流方向按鈕。

調整垂直風向

按SET按鈕（圖5 24）。

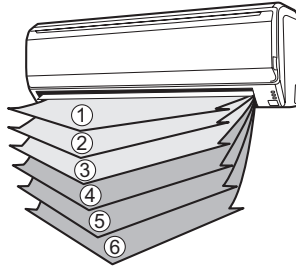
每按一次此按鈕，風向範圍就會變化一次，變化順序如下：

① ↔ ② ↔ ③ ↔ ④ ↔ ⑤ ↔ ⑥

可用風向設定類型：

①, ②, ③, ④, ⑤, ⑥：用於暖氣/冷氣/除濕模式

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。
 - 冷氣／除濕模式：水平風向①
 - 暖氣模式：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。
- 方向① ↔ ②
 - 只有氣流方向導向板的方向會改變；噴霧器的方向不改變。
 - 如果暖氣模式開始時氣流溫度太低，氣流方向設定會暫時變為①。
- 開始自動/供暖模式操作，並超過自動除霜操作時間之後（請參閱第16頁），氣流將為水平①。但是，開始自動操作模式時，無法調整氣流方向。

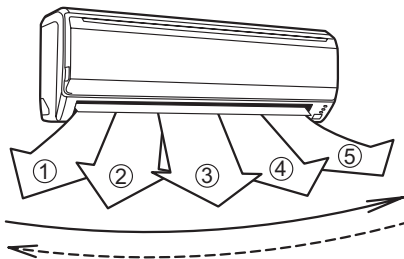
調整水平風向

按SET按鈕（水平）（圖5 25）

- 每次按該按鈕時，風向會如下改變：

① ↔ ② ↔ ③ ↔ ④ ↔ ⑤

遙控器顯示不改變。



⚠ 危險

- 切勿將手指或異物放入出風口，否則，由於內部送風的轉速很高，可能導致人身傷害。

- 請務必使用遙控器上的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；萬一出現這種情況，請關機，然後重新啟動。導向板又會恢復正常運轉。
- 在冷氣和除濕模式期間，不要長時間地將氣流方向導向板設定在供暖範圍(④-⑥)內，否則可能在出口導向板附近凝結水蒸汽，並可能從空調機滴下水滴。在冷氣和除濕模式期間，如果氣流方向導向板處於供暖範圍超過20分鐘，將自動返回位置③。
- 如果室內有嬰兒、兒童、老年人或病人，請細心設定風向與室溫。

搖擺動作

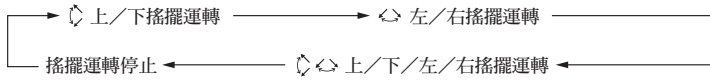
執行該步驟之前，請先啟動空調機。

選擇搖擺操作

按SWING按鈕（圖5 ㉔）。

SWING顯示（圖6 ㉘）將亮起。

每次按SWING按鈕時，搖擺操作會按如下順序改變。



停止搖擺操作

按SWING按鈕並選擇停止。

風向將恢復到開始搖擺之前的設定。

關於搖擺動作

- 上/下搖擺：根據當前風向使用下列範圍開始搖擺運轉。
風向為1至4（用於冷氣、除濕）
在水平位置上的向上氣流方向導向板，向下氣流方向導向板運動（搖擺），將氣流擺向更大的區域。
風向為3至6（用於暖氣）
氣流方向導向板設為向下或下氣流，風向主要直接吹向地板。
- 左/右搖擺：氣流方向導向板在左/右風向上運動（搖擺）。
- 上/下/左/右搖擺：氣流方向導向板在上/下/左/右風向上運動（搖擺）。
- 空調風扇未運轉時，或者於低速運轉時搖擺運轉可能會暫時停止。
- 如果在上/下搖擺運轉過程中按下SET按鈕（垂直），上/下搖擺運轉將停止；並且如果在左/右搖擺運轉過程中按下SET按鈕（水平），左/右搖擺運轉將停止。

省電操作

在執行該步驟前開始空調機操作。

使用省電操作

按下ECONOMY按鈕（圖5 ㉑）。

ECONOMY指示燈（綠）（圖3 ㉗）將亮起。

開始省電運轉。

停止省電操作

再次按下ECONOMY按鈕（圖5 ㉑）。

ECONOMY指示燈（綠）（圖3 ㉗）將熄滅。

開始正常運轉。

關於省電操作

在單機式的情況下，省電操作的最大輸出約是空調機在正常供冷和供暖操作時的70%。

- 如果在省電操作期間，房間無法變冷（或變熱），請選擇正常操作。
- 在自動模式的監視期間，即使按下省電按鈕而選擇了省電操作，空調機將不會切換至省電操作。
- 運轉省電操作模式時，室溫會在供冷模式中比設定溫度略高，而在供暖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。
- 在分離式空調機的情況下，只有設定的室內機組可以使用省電操作模式。

● Indicator Lamp

OPERATION

TIMER

ECONOMY

: Lighting : OFF

10°C 暖氣運轉

使用 10 °C 暖氣運轉

按 10°C HEAT 按鈕 (圖 5 ⑱)

OPERATION 指示燈 (綠色) 熄滅 (圖 3 ⑤) , ECONOMY 指示燈 (綠色) (圖 3 ⑦) 亮起。

停止 10 °C 暖氣運轉

按 START/STOP 按鈕 (圖 5 ㉓)

OPERATION 停止, ECONOMY 指示燈 (綠色) (圖 3 ⑦) 熄滅。

關於 10 °C 暖氣運轉

- 如果室溫夠高, 不會運轉暖氣模式。
- 可以按 10 °C HEAT 按鈕 (圖 5 ⑱) 將室溫維持在 10 °C, 從而避免室溫降得太低。
- 針對複合式空調機, 如果其他室內機組用於供暖, 啓用 “10 °C HEAT (10 °C 暖氣)” 功能房間的室溫會升高。使用 “10 °C HEAT (10 °C 暖氣)” 功能時, 建議所有的室內機組都處於 “10 °C HEAT (10 °C 暖氣)” 模式。

在 10 °C HEAT OPERATION (10 °C 暖氣運轉) 模式下, 只可使用下列運轉。
• ⇄ SWING

● Indicator Lamp

OPERATION

TIMER

ECONOMY

: Lighting : OFF

強制自動操作

萬一遙控器丟失或由於其他原因不能使用, 可以使用強制自動操作。

如何使用主單元控制裝置

在主單元控制面板上按下 MANUAL AUTO 按鈕 (圖 2 ②) 3 到 10 秒之間。

若要停止強制自動操作, 再按一次 MANUAL AUTO 按鈕 (圖 2 ②)。
(控制裝置在開放式面板裡面)

- 當使用主單元上的控制裝置操作空調機, 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)。
- 送風速度被選擇為 “AUTO (自動)”, 溫度調節器設定為標準。(24°C)

清潔與保養

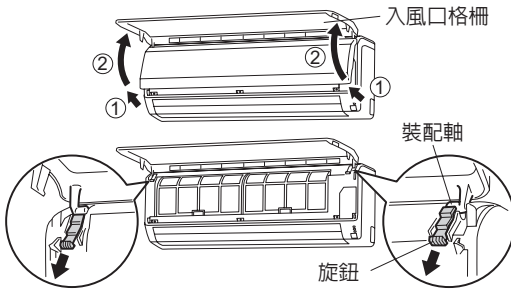
注意

- 清潔空調機之前一定要關閉空調機，并拔下電源線。
- 確定回風格柵（圖1 ⑧）安裝牢固。
- 拆卸及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。

清潔回風格柵

1. 拆除回風格柵。

- ① 將手指放在柵面板的下方兩端，然後向前提起；如果柵柵在移動過程中卡住，請繼續向上提起以拆除。
- ② 拉過中間拉手並打開回風格柵，使其變為水平。

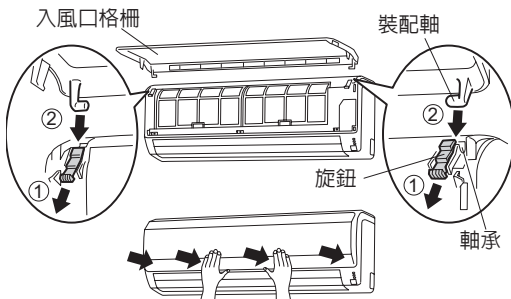


2. 清洗回風格柵。

使用吸塵機清除聚積塵埃，再用蘸濕暖水的清潔及柔軟布料擦拭回風格柵，最後使用乾而柔軟布料抹乾。

3. 裝回回風格柵。

- ① 一直拉動捏手。
- ② 將柵柵保持水平，並將左側和右側安裝軸放入面板頂部的軸承中。
- ③ 按圖中箭頭所示的位置關閉回風格柵。



清潔空氣過濾網

1. 開啓回風格柵及取下空氣過濾網。

提升空氣過濾網把柄脫離低位的2個鉤及拉出。

空氣過濾網把柄



鉤（兩處）

2. 用吸塵機或清洗方法清理塵埃。

清理後，在陰涼處徹底吹乾空氣過濾網。

3. 裝回空氣過濾網及回風格柵。

- ① 裝空氣過濾網的左右兩邊邊緣平衡插入槽位，確實空氣過濾網固定於鉤上。



鉤（兩處）

- ② 然後關閉回風格柵。

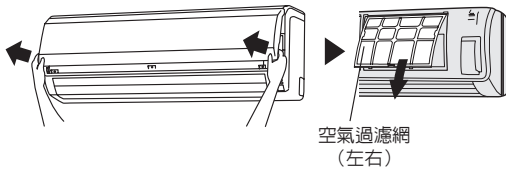
（以上例子並沒有安裝回風格柵。）

- 用吸塵機或中性液體清潔劑清除聚積塵埃，在陰涼處吹乾空氣過濾網後，裝回空調器。
- 當空氣過濾網聚積塵埃時，會引起送風量減少及噪音量上升。
- 在正常的使用環境下，空氣過濾網必須2星期清潔一次。
- 請勿在入風口柵打開時操作空調機。

- 長期使用後，機體裡面會積聚灰塵，這將降低空調機效能。除了您自己的清潔與保養之外，我們建議定期檢查機體。如需詳細資訊，請諮詢專業服務人員。
- 清潔機體時，請勿使用溫度超過40°C的熱水、粗糙的研磨清潔劑或苯及稀釋劑等揮發性介質。
- 請勿使機體接觸液體殺蟲劑或頭髮定型劑。
- 如果要將空調機關閉一個月以上，請首先以送風模式運轉大約半天，使空調機內部各部分充分乾燥。

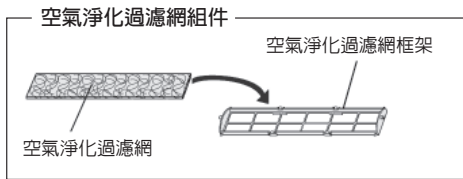
安裝空氣淨化過濾網

1. 打開回風格柵，卸下空氣過濾網。

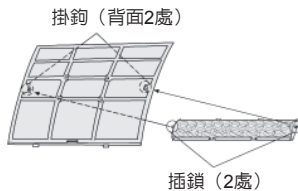


2. 安裝空氣淨化過濾網組件（2組）。

- ① 將空氣淨化過濾網放入空氣淨化過濾網框架中。

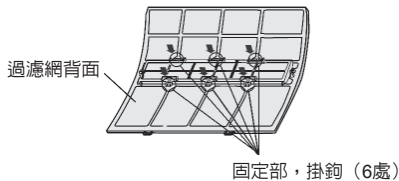


- ② 將空氣淨化過濾網兩端的插鎖嵌入位于空氣淨化過濾網框架背面的2個掛鉤中。

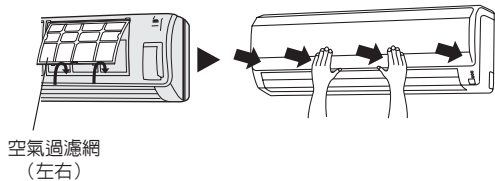


注意空氣淨化過濾網不能從空氣淨化過濾網框架凸出。

- ③ 將空氣淨化過濾網框架上下的6個固定部嵌入空氣過濾網的掛鉤中。



3. 安裝2張空氣過濾網，關閉回風格柵。



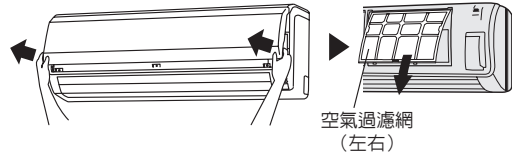
- 使用空氣淨化過濾網時，將風速設定為“高速”，可以獲得更佳效果。

更換污染的空氣淨化過濾網

請用以下零件（另行購買）更換過濾網。

- 蘋果茶素抗菌過濾網：UTR-FA13-1
- 負離子除臭過濾網：UTR-FA13-2

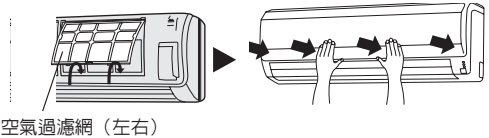
1. 打開回風格柵，卸下空氣過濾網。



2. 更換2張新的空氣淨化過濾網。

- ① 按照與安裝時相反的順序，拆下舊的空氣淨化過濾網。
- ② 按照與安裝空氣淨化過濾網組件相同的方法安裝。

3. 安裝2張空氣過濾網，關閉回風格柵。



關於空氣淨化過濾網

蘋果茶素抗菌過濾網（一片）

- 空氣淨化過濾網屬於不可回收過濾網。（無法清洗及重復使用。）
- 關於空氣淨化過濾網的儲存，包裝打開後應盡快使用。（打開包裝後，閉置過濾網的空氣淨化效果會降低）
- 通常每三個月更換一次過濾網。

請購買專用空氣淨化過濾網（UTR-FA13-1）（單獨出售）來更換用臟的空氣淨化過濾網。

〔負離子除臭過濾網（一片）－發藍光〕

- 過濾網應每三年左右更換一次，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-FA13-2）（單獨出售）。

負離子除臭過濾網保養

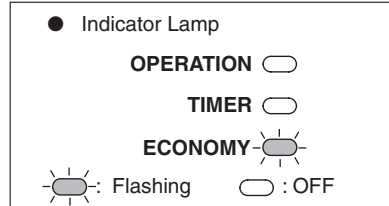
為保持除臭效果，請按以下方式每三個月清潔一次過濾網。

- ① 拆除除臭過濾網。
- ② 用水清洗并晾干。
 - 1) 用高壓熱水淹沒過濾網，直到過濾網表面被水覆蓋。請用稀釋後的中性清潔劑清洗。（切勿刮擦，否則會損害除臭效果。）
 - 2) 水流沖洗。
 - 3) 置于陰涼處，晾干。
- ③ 重新安裝負離子除臭過濾網。

清潔與保養

過濾網指示器重設（特殊設定）

- 如果在安裝時正確設定便可使用。
 - 使用此功能時，請聯絡合資格的維修人員。
 - 到了該清潔過濾網的時候，便會亮起。
- 清潔過濾網時，請參閱「清潔與保養」。
- 清潔之後，在室內機組上按下MANUAL AUTO（強制自動）按鈕（圖2 ②）2秒或以下。



選擇遙控器信號代碼

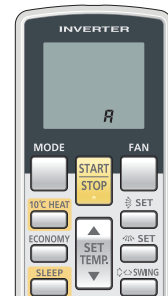
當室內安裝 2 台或更多空調機而遙控器操作的不是您設定的空調機時，請變更遙控器信號代碼，以僅操作您要設定的空調機（有四個選擇可用）。

當室內安裝 2 台或更多空調機時，若要設定每台空調機的信號代碼，請洽詢經銷商。

選擇遙控器信號代碼

根據下列步驟選擇遙控器的信號代碼。（請注意，如果空調機尚未設定信號代碼，則空調機無法接收信號代碼。）

- 1 遙控器顯示器上顯示時鐘之後，再按下START/STOP按鈕。
- 2 按住MODE按鈕5秒以上，顯示目前的信號代碼（初始設定為 *A*）。
- 3 按溫度（▲ / ▼）按鈕，在 *A*→*b*→*c*→*d* 間變更信號代碼。將顯示器上的代碼與空調機信號代碼對應起來。
- 4 再次按下MODE按鈕，返回時鐘畫面。號代碼即會變更。



- 如果您在信號代碼顯示之後 30 秒內沒有按下任何按鈕，系統會返回最初的時鐘畫面。在這種情況下，請從步驟 1 重新開始。
- 裝運前，空調機的信號代碼設定為 A。若要變更信號代碼，請洽詢經銷商。
- 更換遙控器內的電池後，遙控器會重設為信號代碼 A。如果使用的信號代碼不是信號代碼 A，請在更換電池後重設信號代碼。如果不知道空調機信號代碼設定，請嘗試每一個信號代碼（*A*→*b*→*c*→*d*），直至找出能夠使空調機運轉的代碼。

故障排除



警告

萬一發生故障（發生焦糊味等）時，請立即停止運轉，拔出電源線插頭，然後與經授權的維修技術人員聯繫。

僅關閉機組的電源開關還不能完全斷開機組的電源。請務必拔出電源插頭或關閉斷路器，以保證完全斷開機組電源。

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。 ● 每當斷開電源插頭然後重新連接到電源插座時，在3分鐘之內保護電路將發揮作用以防止機組在這段時間內運轉。 	—
	聽見噪音：	<ul style="list-style-type: none"> ● 在運轉過程中或剛停止機組時，可能會聽到空調器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蓋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。這是由自動除霜運轉造成的聲音。 	17
	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（傢俱、香煙等）被吸入空調器的結果。 	—
	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。這是由於空調機排出的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，室外機組送風可能會停止，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。 	17
	風量較弱或停止：	<ul style="list-style-type: none"> ● 當開始暖氣運轉時，剛開始送風速度很低，以便進行讓內部零部件預熱。 ● 暖氣運轉過程中，若室溫上升到溫度調節器設置之上，室外機組將停止，室內機組將以非常低的送風速度運轉。若希望進一步為房間供暖，請將溫度調整設定為更高的溫度。 	—
		<ul style="list-style-type: none"> ● 在暖氣運轉過程中，當自動除霜模式運轉時，機組將暫停運轉（最大15分鐘）。在自動除霜運轉過程中，運轉指示燈將閃爍。 	17
		<ul style="list-style-type: none"> ● 在除濕運轉過程中或當機組正在監控室內溫度時，送風將以非常低的速度運轉。 	7
		<ul style="list-style-type: none"> ● 在靜音運轉過程中，送風將以非常低的速度運轉。 	6
		<ul style="list-style-type: none"> ● 在溫度監控自動運轉過程中，送風將以非常低的速度運轉。 	7
		<ul style="list-style-type: none"> ● 在多體式機組的情況下，若多台機組以不同（如下所示）模式運轉，後來運轉的機組會停止運轉，而且OPERATION指示燈（綠）會閃爍。 暖氣模式及冷氣模式（或除濕模式） 暖氣模式及送風模式 	17
室外機組有水產生：	<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。 	17	
再檢查一次	完全無法運轉：	<ul style="list-style-type: none"> ● 是否已將電源插頭從電源插座拔出？ ● 是否存在電源故障？ ● 是否保險絲被燒斷或斷路器已斷開？ 	—
		<ul style="list-style-type: none"> ● 是否定時器正在發揮作用？ 	8-9
	冷氣性能不佳	<ul style="list-style-type: none"> ● 空氣過濾網是否變髒？ ● 入風格柵或出風口是否被阻擋？ ● 室溫設置（溫度調整器）是否正確？ ● 門窗是否開著？ ● 在冷氣運轉時，是否有強烈陽光從窗戶射入？（請關上窗簾） ● 在冷氣運轉時，房間裏是否有加熱設備和電腦，或房間裏是否有許多人？ 	—
		<ul style="list-style-type: none"> ● 機組是否被設定為靜音運轉？ 	6
機組運轉情況與遙控器設置不一致：	<ul style="list-style-type: none"> ● 遙控器的電池是否已耗盡？ ● 遙控器的電池安裝是否正確？ 	5	

進行上述檢查後若故障仍然存在，或者發現有焦糊味，或者運轉指示燈（圖3 ⑤）與定時指示燈（圖3 ⑥）閃爍，及省電指示燈（圖3 ⑦）快速閃爍，請立即停止運轉，關閉電氣斷路器，然後與授權的維修人員聯絡。

操作提示

運轉和性能

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。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。
- 熱泵空調機通過迴圈整個房間的空氣來加熱整個房間，因此當剛開始開啓空調時，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，在室外機組上可能會結霜，從而導致運轉性能下降。
為了防止這類性能下降，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（最大15分鐘）。
在自動除霜運轉過程中，OPERATION指示燈（綠）將閃爍。
- 供暖操作停止後，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。

自動重新啓動

當出現斷電時

- 當空調機由於電源故障而斷電時，電源恢復後，空調機將自動按此前的模式重新啓動。
- 在定時器啓動後若出現斷電，定時器將被歸零，機組將按照新的時間設置開始（或停止）運轉。在這種情況下（發生這種定時器故障時），TIMER指示燈將閃爍（請參閱第3頁）。
- 同時使用其他電器（電動刮鬍刀等）或在附近使用無線電信號發射器時，可能會導致空調機故障。在這種情況下，請暫時拔出電源插頭，隨後再接通電源，然後用遙控器恢復運轉。

多體式空調機

視型號而定，本室內機組可以連接到多體式室外機組。多體式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

- 使用多體式空調機時，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，暖氣及冷氣的效能會比使用單台室內機組時低。相對地，欲同時使用一台以上室內機組冷氣時，應在夜間及其他需要較小輸出時使用。同樣地，建議當同時使用多台室內機組暖氣時，配合所需使用其他輔助空間暖氣器。
- 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操作機組。
- 若發現一台或以上機組同時運轉時的冷氣或暖氣效能不佳，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。
若室內機組無法執行某種運轉模式，室內機組運轉指示燈（綠）會閃爍（1秒亮起 1秒熄滅），且機組會進入待機模式。
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（除濕）模式或冷氣（除濕）模式），取決於先前已運轉的室內機組的運轉模式。若室內機組啓動的是送風模式，就不會影響室外機組的運轉模式。
例如，室內機組 (A) 啓動的是送風模式，接著室內機組 (B) 啓動暖氣模式，室內機組 (A) 就會暫時啓動送風模式。但是當室內機組 (B) 啓動暖氣模式時，室內機組 (A) 的運轉指示（綠）燈就會開始閃爍（1秒亮起 1秒熄滅），且進入待機模式。
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啓動除霜運轉。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加熱運轉，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。



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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

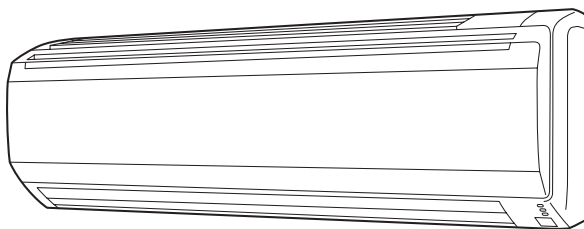
室內機組

ASWG18LFCA

Outdoor Unit

室外機組

AOWG18LFC



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. 9315345523

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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.
- “DANGER, “WARNING” and “CAUTION” have the following meanings in these instructions:

 DANGER	This mark indicates procedures which, if improperly performed, are most likely to result in the death or serious injury to the user or service personnel.
 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.

DANGER

- 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 power supply cord.
- Take care not to damage the power supply cord.
- 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 the refrigerant leakage, be sure to keep it away from fire or any flammables. (consult an authorized service personnel)
- 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.

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 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.
- 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 1 m 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. Afterwards, the unit automatically switches to a low power setting for economic and comfortable operation.

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.

HORIZONTAL AIRFLOW: COOLING/ DOWNWARD AIRFLOW: HEATING

For cooling, use horizontal airflow so the cool air does not blow directly on the occupants in the room. For heating, use downward airflow to send powerful, warm air to the floor and create a comfortable environment.

OMNI-DIRECTIONAL AIR FLOW (SWING OPERATION)

3-dimensional control over air direction swing is possible through dual use of both an UP/DOWN air direction swing and RIGHT/LEFT air direction swing. Since UP/DOWN air direction flaps operate automatically according to the operating mode of the unit, it is possible to set air direction based on the operating mode.

SUPER QUIET OPERATION

When the FAN button is used to select QUIET, the indoor unit begins super quiet operation; the indoor unit's airflow is reduced to produce quieter operation.

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.

10°C HEAT OPERATION

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

■ Convenient function

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 timer button is pressed during heating mode, the air conditioner's thermostat setting is gradually lowered during the period of operation; during cooling or dry mode, the thermostat setting is gradually raised during the period of operation. When the set time is reached, the unit automatically turns off.

■ Clean function

REMOVABLE INTAKE GRILLE

The indoor unit's intake grille can be removed for easy cleaning and maintenance.

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 air conditioner 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.

[The additional functions for wired ones]

- Weekly timer
- Temperature set back timer

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]

- 10°C HEAT OPERATION
- TIMER (ON timer, OFF timer and Program timer)
- SLEEP TIMER

NAME OF PARTS

Fig. 1

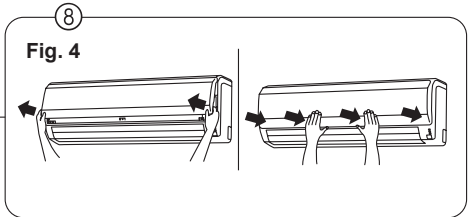
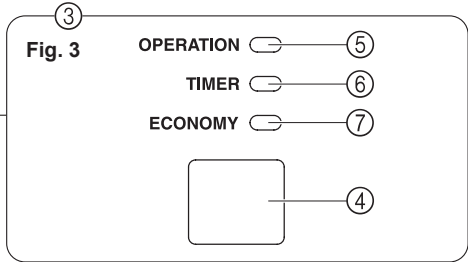
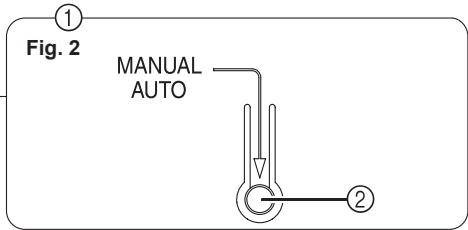
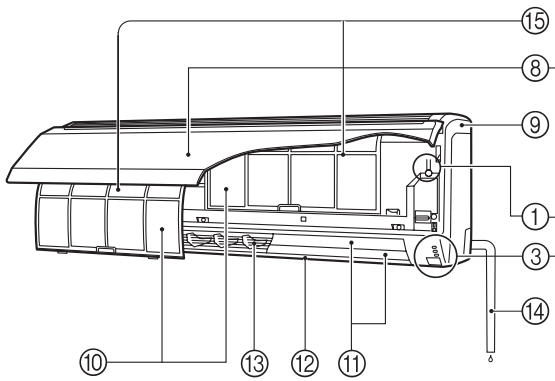


Fig. 5

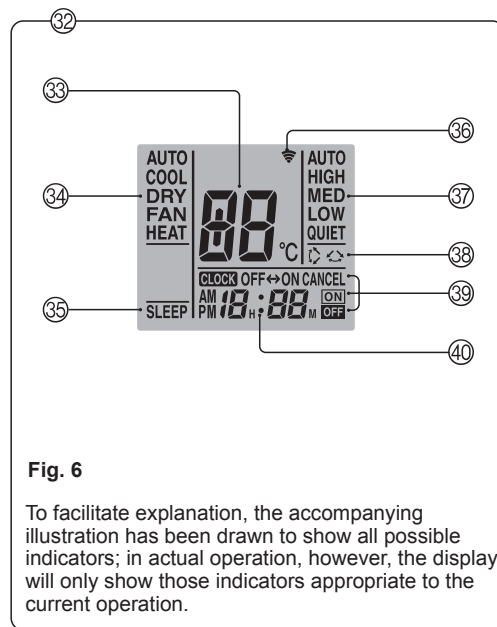
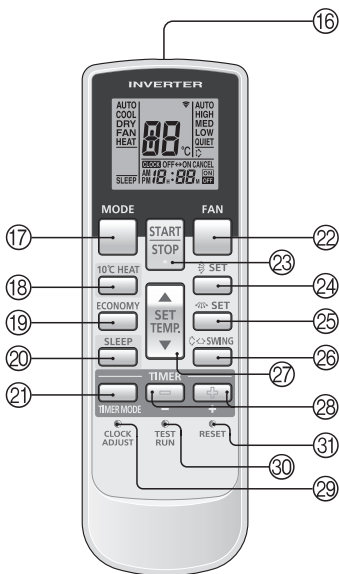


Fig. 6

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.

Fig. 1 Indoor Unit

① **Operating Control Panel (Fig. 2)**

② **MANUAL AUTO button**

- 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 to stop the operation.
- Please press the button at FILTER INDICATOR RESET.

③ **Indicator (Fig. 3)**

④ **Remote Control Signal Receiver**

⑤ **OPERATION Indicator Lamp (green)**

⑥ **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 18 Auto Restart).

⑦ **ECONOMY Indicator Lamp (green)**

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

⑧ **INTAKE GRILLE (Fig.4)**

⑨ **Front Panel**

⑩ **Air Filter**

⑪ **Airflow Direction Louver**

⑫ **Power Diffuser**

⑬ **Right-Left Louver**

(behind Airflow Direction Louver)

⑭ **Drain Hose**

⑮ **Air Cleaning Filter**

Fig. 5 Remote Controller

⑯ **Signal Transmitter**

⑰ **MODE button**

⑱ **10 °C HEAT button**

⑲ **ECONOMY button**

⑳ **SLEEP button**

㉑ **TIMER MODE button**

㉒ **FAN button**

㉓ **START/STOP button**

㉔ **SET button (Vertical)**

㉕ **SET button (Horizontal)**

㉖ **SWING button**

㉗ **SET TEMP. button (▲ / ▼)**

㉘ **TIMER SET (+ / -) button**

㉙ **CLOCK ADJUST button**

㉚ **TEST RUN button**

- This button is used when installing the air conditioner, and should not be used under normal conditions, as it will cause the indoor unit's thermostat function to operate incorrectly.
- If this button is pressed during normal operation, the indoor unit will switch to test operation mode, and the Indoor Unit's OPERATION Indicator Lamp and TIMER Indicator Lamp will begin to flash simultaneously.
- To stop the test operation mode, press the START/STOP button to stop the air conditioner.

㉛ **RESET button**

㉜ **Remote Controller Display(Fig.6)**

㉝ **Temperature SET Display**

㉞ **Operation Mode Display**

㉟ **SLEEP TIMER Display**

㊱ **Transmit Indicator**

㊲ **Fan Speed Display**

㊳ **SWING Display**

㊴ **Timer Mode Display**

㊵ **Clock Display**

PREPARATION

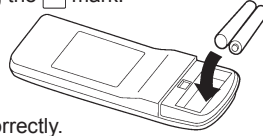
Turn on the Power

1 Turn on the circuit breaker

Load Batteries (AAA/R03/LR03 × 2)

1 Press and slide the battery compartment lid on the reverse side to open it.

Slide in the direction of the arrow while pressing the ▼ mark.



2 Insert batteries.

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

3 Close the battery compartment lid.

Set the Current time

1 Press the CLOCK ADJUST button (Fig. 5 ㉓).

Use the tip of a ball-point pen or other small object to press the button.

2 Use the TIMER SET (+ / −) buttons (Fig. 5 ㉔) 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.)

3 Press the CLOCK ADJUST button (Fig. 5 ㉓) again.

This completes the time setting and starts the clock.

⚠ 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.

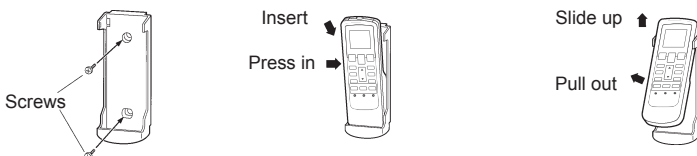
Never mix new and used batteries, or batteries of different types.

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.

To Use the Remote Controller

- The Remote Controller must be pointed at signal receiver (Fig.3 ㉑) to operate correctly.
- Operating Range: About 7 m.
- When a signal is properly received by the air conditioner, a beeping sound will be heard.
- If no beep is heard, press the Remote Controller button again.

Remote Controller Holder

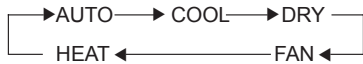


- ① Mount the Holder.
- ② Set the Remote Controller.
- ③ To remove the Remote Controller (when use at hand).

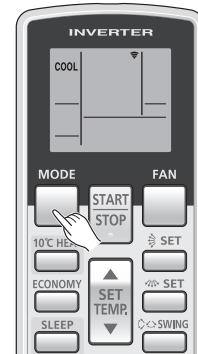
OPERATION

To Select Mode Operation

- 1 Press the START/STOP button (Fig.5 ㉓).**
The indoor unit's OPERATION Indicator Lamp (green) (Fig. 3 ㉓) will light.
The air conditioner will start operating.
- 2 Press the MODE button (Fig.5 ㉔) 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.



Example: When set to COOL.

To Set the Thermostat

Press the SET TEMP. button (Fig. 5 ㉖).

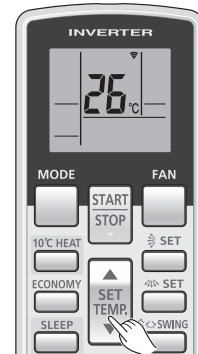
- ▲ button: Press to raise the thermostat setting.
- ▼ button: Press to lower the thermostat setting.

●Thermostat setting range:

AUTO	18 - 30 °C
Heating.....	16 - 30 °C
Cooling/Dry	18 - 30 °C

The thermostat 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.



Example: When set to 26 °C.

The thermostat 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 (Fig. 5 ㉗).

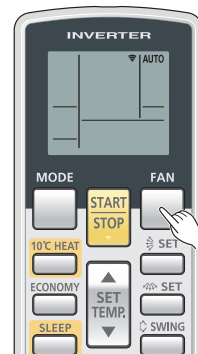
Each time the button is pressed, the fan speed changes in the following order:



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 thermostat setting, the fan speed becomes slower.
- Fan** : The fan runs at the low fan speed.



Example: When set to AUTO.

The fan will operate at a very low setting during Monitor operation and at the start of the Heating mode.

SUPER QUIET Operation

When set to Quiet:

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 air conditioner's Fan Speed.

OPERATION

To Stop Operation

Press the **START/STOP** button (Fig. 5 ㉓).

The OPERATION indicator lamp will go out.

MODE Operation

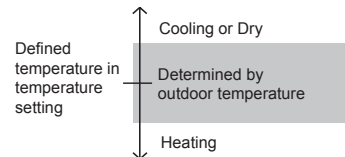
AUTO: ● When AUTO (automatic changeover) is selected, the air conditioner selects the appropriate operation mode (cooling or heating) according to your room's present temperature.

- When AUTO (automatic changeover) operation first selected, the fan will operate at 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 air conditioner has adjusted your room's temperature to near the thermostat 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 air conditioner will once again select the appropriate operation (heating, cooling) to adjust the temperature to the value set in the thermostat.

- If the mode automatically selected by the unit is not what you wish, select one of the mode operation (HEAT, COOL, DRY, FAN).

HEAT: ● Use to warm your room.

- When heating mode is selected, the air conditioner 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 beginning full operation.
- When the room temperature is very low, frost may form on the outside unit, and its performance may be reduced. In order to remove such frost, the unit 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.

COOL: ● 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 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 mode:

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

During Cooling/dry mode:

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

During Fan mode:

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

TIMER OPERATION

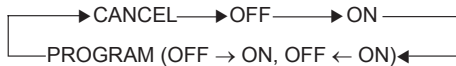
Before using the timer function, be sure that the Remote Controller is set to the correct current time (P.5).

To Use the ON timer or OFF timer

- 1 Press the START/STOP button (Fig. 5 ㉓)
(if the unit is already operating, proceed to step 2).**
The indoor unit's OPERATION Indicator Lamp (green) (Fig. 3 ㉔) will light.

- 2 Press the TIMER MODE button (Fig. 5 ㉑) to select the OFF timer or ON timer operation.**

Each time the button is pressed the timer function changes in the following order:



The indoor unit's TIMER Indicator Lamp (orange)(Fig. 3 ㉔) will light.

- 3 Use the TIMER SET buttons (Fig. 5 ㉒) to adjust the desired OFF time or ON time.**

Set the time while the time display is flashing (the flashing will continue for about 5 seconds).

[+] button: Press to advance the time.

[-] button: Press to reverse the time.

About 5 seconds later, the entire display will reappear.

To Cancel the Timer

Use the TIMER MODE button to select "CANCEL".
The air conditioner will return to normal operation.

To Change the Timer Settings

Perform steps 2 and 3.

To Stop Air Conditioner Operation while the Timer is Operating

Press the START/STOP button.

To Change Operating Conditions

If you wish to change operating conditions (Mode, Fan Speed, Thermostat Setting, SUPER QUIET mode), after making the timer setting wait until the entire display reappears, then press the appropriate buttons to change the operating condition desired.

To Use the Program timer

- 1 Press the START/STOP button (Fig. 5 ㉓).
(if the unit is already operating, proceed to step 2).**
The indoor unit's OPERATION Indicator Lamp (green) (Fig.3 ㉔) will light.

- 2 Set the desired times for OFF timer and ON timer.**
See the section "To Use the ON timer or OFF timer" to set the desired mode and times.
About 3 seconds later, the entire display will reappear.
The indoor unit's TIMER Indicator Lamp (orange) (Fig.3 ㉔) will light.

- 3 Press the TIMER MODE button (Fig. 5 ㉑) to select the PROGRAM timer operation (OFF → ON or OFF ← ON will display).**

The display will alternately show "OFF timer" and "ON timer", then change to show the time setting for the operation to occur first.

- The program timer will begin operation. (If the ON timer has been selected to operate first, the unit will stop operating at this point.)

About 5 seconds later, the entire display will reappear.

To Cancel the Timer

Use the TIMER MODE button to select "CANCEL".
The air conditioner will return to normal operation.

To Change the Timer Settings

1. Follow the instructions given in the section "To Use the ON Timer or OFF Timer" to select the timer setting you wish to change.
2. Press the TIMER MODE button to select either OFF → ON or OFF ← ON.

To Stop Air Conditioner Operation while the Timer is Operating

Press the START/STOP button.

To Change Operating Conditions

If you wish to change operating conditions (Mode, Fan Speed, Thermostat Setting, SUPER QUIET mode), after making the timer setting wait until the entire display reappears, then press the appropriate buttons to change the operating condition desired.

About the 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.
- The first timer function to operate will be the 1 set nearest to the current time. The order of operation is indicated by the arrow in the Remote Controller's Display (OFF → ON, or OFF ← ON).
- One example of Program timer use might be to have the air conditioner automatically stop (OFF timer) after you go to sleep, then start (ON timer) automatically in the morning before you arise.

SLEEP TIMER OPERATION

Unlike other timer functions, the SLEEP timer is used to set the length of time until air conditioner operate is stopped.

To Use the SLEEP Timer

While the air conditioner is operating or stopped, press the **SLEEP button (Fig. 5 ㉑)**.

The indoor unit's OPERATION Indicator Lamp (green) (Fig. 3 ㉕) lights and the TIMER Indicator Lamp (orange) (Fig. 3 ㉖) light.

To Cancel the Timer:

Use the TIMER MODE button to select "CANCEL".

The air conditioner will return to normal operation.

To Change the Timer Settings

Press the **SLEEP button (Fig. 5 ㉑)** once again and set the time using the **TIMER SET (\oplus / \ominus) buttons (Fig. 5 ㉒)**.

Set the time while the Timer Mode Display is flashing (the flashing will continue about 5 seconds).

To Stop the Air Conditioner During Timer Operation:

Press the START/STOP button.

\oplus button: Press to advance the time.

\ominus button: Press to reverse the time.

About 5 seconds later, the entire display will reappear.

About the SLEEP Timer

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

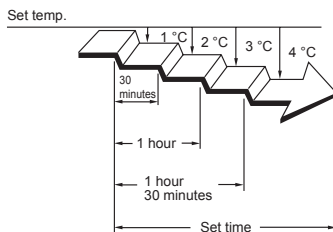
During Heating operation:

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

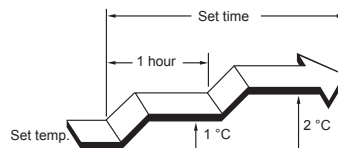
During Cooling/Dry operation:

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

SLEEP timer setting



SLEEP timer setting



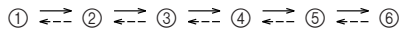
ADJUSTING THE DIRECTION OF AIR CIRCULATION

- Adjust the up, down, left, and right AIR directions with the AIR DIRECTION buttons on the Remote Controller.
- Use the AIR DIRECTION buttons after the Indoor Unit has started operating and the airflow-direction louvers have stopped moving.

Vertical Air Direction Adjustment

Press the SET button (Vertical) (Fig. 5 24).

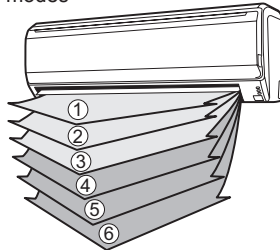
Each time the button is pressed, the air direction range will change as follows:



Types of Airflow Direction Setting:

①,②,③,④,⑤,⑥: During Heating/Cooling/Dry modes

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 mode : Horizontal flow ①

During Heating mode : Downward flow ⑤

- 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.
- Direction ① ↔ ②

Only the direction of the Airflow Direction Louver changes; the direction of the Power Diffuser does not change.

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

- After beginning of AUTO/HEAT mode operated and automatic defrosting operation time (see page 16), the airflow will be horizontal ①.

However, the Airflow Direction cannot be adjusted at beginning AUTO operation mode.

⚠ DANGER

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

- 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 - ⑥) for long periods of time, since water vapour may condense near the outlet louvers and drops of water may drip from the air conditioner. During the Cooling and Dry modes, if the Airflow Direction Louvers are left in the heating range for more than 20 minutes, they will automatically return to position ③.

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

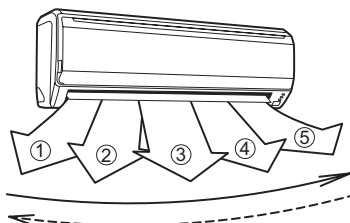
Horizontal Air Direction Adjustment

Press the SET button (Horizontal)(Fig. 5 25).

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



The remote controller's display does not change.



SWING OPERATION

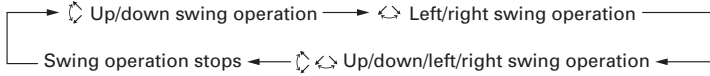
Begin air conditioner operation before performing this procedure.

To select SWING Operation

Press the SWING button (Fig. 5 ⑳).

The SWING Display (Fig. 6 ㉓) will light.

Each time the SWING button is pressed, the swing operation will change in the following order.



To stop SWING Operation

Press the SWING button and select STOP.

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

About Swing Operation

- Up/down swing: Swing operation begins using the following range according to the current airflow direction.
Airflow direction is 1–4 (for cooling, dry).
With the upper airflow-direction louver in the horizontal position, the lower airflow-direction louver moves (swings) to direct airflow to a wide area.
Airflow direction is 3–6 (for heating).
With the airflow-direction louvers set for downward or straight down airflow, airflow is directly mainly at the floor.
- Left/right swing: The airflow-direction louvers move (swing) in the left/right airflow direction.
- Up/down/left/right swing: The airflow-direction louvers move (swing) in both the up/down and left/right airflow directions.
- The SWING operation may stop temporarily when the air conditioner's fan is not operating, or when operating at very low speeds.
- If the SET button (Vertical) is pressed during the up/down swing operation, the up/down swing operation will stop and if the SET button (Horizontal) is pressed during the left/right swing operation, the left/right swing operation will stop.

ECONOMY OPERATION

Begin Air Conditioner operation before performing this procedure.

To Use the ECONOMY Operation

Press the ECONOMY button (Fig.5 ㉑).

The ECONOMY Indicator Lamp (green) (Fig. 3 ㉗) will light.

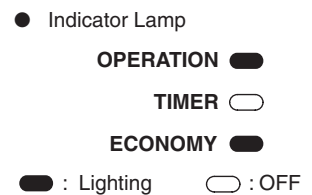
ECONOMY operation begins.

To Stop the ECONOMY Operation

Press the ECONOMY button (Fig.5 ㉑) again.

The ECONOMY Indicator Lamp (green) (Fig. 3 ㉗) will go out.

Normal operation begins.



About ECONOMY Operation

At the maximum output, ECONOMY Operation is approximately 70% of normal air conditioner operation for cooling and heating.

- 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.
- 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 multi-type air conditioner, the ECONOMY operation mode is only available for the set indoor unit.

10 °C HEAT OPERATION

To use 10 °C HEAT OPERATION

Press the 10 °C HEAT button (Fig.5 ⑱)

The OPERATION indicator lamp (green) (Fig. 3 ⑤) will go out, and the ECONOMY indicator lamp (green) (Fig. 3 ⑦) will light.

To stop 10 °C HEAT OPERATION

Press the START/STOP button (Fig.5 ㉓)

Then the OPERATION stops and the ECONOMY indicator lamp (green) (Fig. 3 ⑦) will go out.

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 (Fig.5 ⑱) 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.

- ⇄ SWING

● Indicator Lamp

OPERATION

TIMER

ECONOMY

: Lighting : OFF

MANUAL AUTO OPERATION

Use the MANUAL AUTO operation in the event the Remote Controller is lost or otherwise unavailable.

How To Use the Main Unit Controls

Press the MANUAL AUTO button (Fig. 2 ②) more than 3 seconds and less than 10 seconds on the main unit control panel.

To stop operation, press the MANUAL AUTO button (Fig. 2 ②) once again.
(Controls are located inside the intake grille)

● When the air conditioner is operated with 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 thermostat setting will be standard. (24 °C)

CLEANING AND CARE



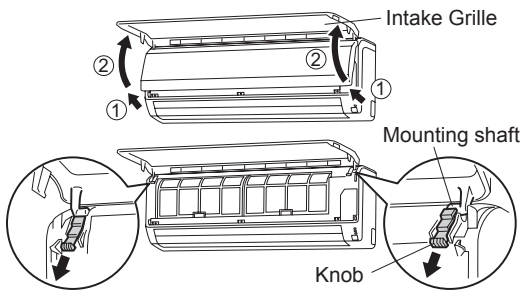
CAUTION

- Before cleaning the air conditioner, be sure to turn it off and disconnect the Power Supply Cord.
- Be sure the Intake Grille (Fig. 1 ⑧) is installed securely.
- When removing and replacing the air filters, be sure not to touch the heat exchanger, as personal injury may result.

Cleaning the Intake Grille

1. Remove the Intake Grille.

- ① Place your fingers at both lower ends of the grille panel, and lift forward; if the grille seems to catch partway through its movement, continue lifting upward to remove.
- ② Pull past the intermediate catch and open the Intake Grille wide so that it become horizontal.

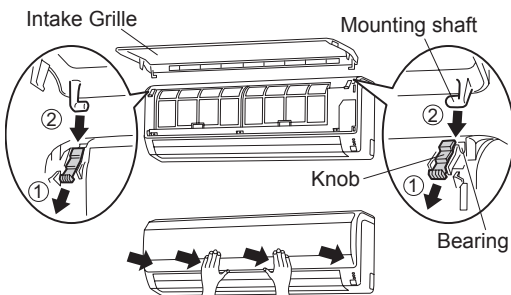


2. Clean with water.

Remove dust with a vacuum cleaner; wipe the unit with warm water, then dry with a clean, soft cloth.

3. Replace the Intake Grille.

- ① Pull the knobs all the way.
- ② Hold the grille horizontal and set the left and right mounting shafts into the bearings at the top of the panel.
- ③ Press the place where the arrow on the diagram indicates and close the Intake Grille.



- When used for extended periods, the unit may accumulate dirt inside, reducing its performance. We recommend that the unit be inspected regularly, in addition to your own cleaning and care. For more information, consult authorized service personnel.
- When cleaning the 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 unit body to liquid insecticides or hairsprays.
- When shutting down the 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 the Air Filter

1. Open the Intake Grille, and remove the air filter.

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

Air filter handle



Hooks (2 places)

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

After washing, allow to dry thoroughly in a shaded place.

3. Replace the Air Filter and close the Intake Grille.

- ① 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.



Hooks (2 places)

(For purposes of example, the illustration shows the unit without Intake Grille installed.)

- Dust can be cleaned from the air filter either with a vacuum cleaner, or by washing the filter in a solution of mild detergent and warm water. If you wash the filter, be sure to allow it to dry thoroughly in a shady place before reinstalling.
- If dirt 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.
- Don't operate the air conditioner with being opened the intake grille.

CLEANING AND CARE

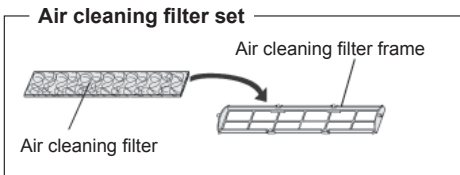
Air Cleaning Filter Installation

1. Open the Intake Grille and remove the Air filters.

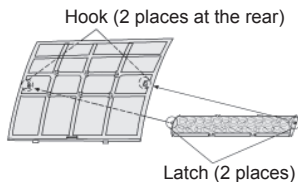


2. Install the Air cleaning filter set (set of 2).

- ① Set the air cleaning filter into the air cleaning filter frame.

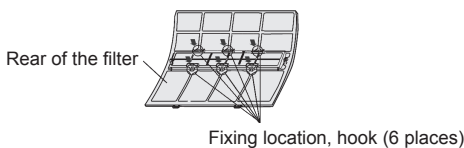


- ② Engage the latch at both ends of the filter with the 2 hooks at the rear of the air cleaning filter frame.

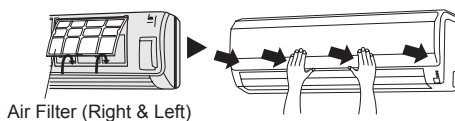


Take care that the air cleaning filter does not project beyond the frame.

- ③ Engage the 6 fixing locations at the top and bottom of the air cleaning filter frame with the hooks of the air filter.



3. Install the 2 Air filters and close the Intake Grille.



- When air cleaning filters are used, the effect will be increased by setting the fan speed to "High".

Replacing dirty Air cleaning filters

Replace filters with the following components (purchased separately).

- POLYPHENOL CATECHIN AIR CLEANING FILTER : UTR-FA13-1
- Negative air ions deodorizing filter: UTR-FA13-2

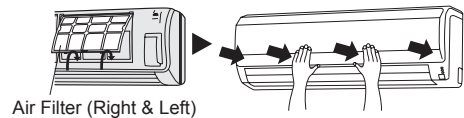
1. Open the Intake Grille and remove the Air filters.



2. Replace them by 2 new Air cleaning filters.

- ① Remove the old air cleaning filters in reverse order of their installation.
- ② Install in the same way as for installation of the air cleaning filter set.

3. Install the 2 Air filters and close the Intake Grille.



In regard to the Air Cleaning Filters

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 the package has been opened. (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 delicate air cleaning filters (UTR-FA13-1) (Sold separately) to exchange the used dirty air cleaning filters.

[Negative air ions deodorizing filter (1 sheet) — light blue]

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

Please buy delicate deodorizing filter (UTR-FA13-2) (Sold separately) when exchanging the filters.

Maintenance of Deodorizing Filters

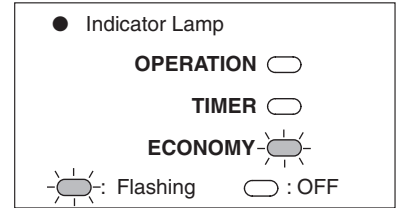
In order to maintain the deodorizing effect, please clean the filter in the follow way once 3 months.

- ① Remove the deodorizing filter.
- ② Clean with water and dry in the air.
- 1) Flush the filters with high-pressure hot water until the surface of the filters are 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.

CLEANING AND CARE

Filter Indicator Reset (The special setting)

- Can be used if set correctly during installation.
Please consult authorized serviceman when using this function.
- It lights on when it is time to clean the air filters.
Clean the filter referring to "CLEANING AND CARE".
After cleaning, press the MANUAL AUTO button (Fig. 2 ②) for 2 seconds or less on the indoor unit.



SELECTING THE REMOTE CONTROLLER SIGNAL CODE

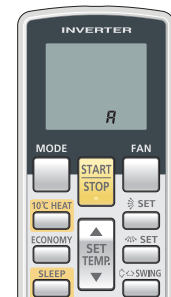
When two or more air conditioners are installed in a room and the Remote Controller is operating an air conditioner other than the one you wish to set, change the signal code of the Remote Controller to operate only the air conditioner you wish to set (4 selections possible).

When two or more air conditioners are installed in a room, please contact your retailer to set the individual air conditioner signal codes.

Selecting the Remote Controller Signal Code

Use the following steps to select the signal code of the Remote Controller. (Note that the air conditioner cannot receive a signal code if the air conditioner has not been set for the signal code.)

- 1** Press the **START/STOP** button until only the clock is displayed on the Remote Controller display.
- 2** Press the **MODE** button for at least five seconds to display the current signal code (initially set to **A**).
- 3** Press the (**▲** / **▼**) buttons to change the signal code between **A**→**b**→**c**→**d**. Match the code on the display to the air conditioner signal code.
- 4** Press the **MODE** button again to return to the clock display. The signal code will be changed.



- If no buttons are pressed within 30 seconds after the signal code is displayed, the system returns to the original clock display. In this case, start again from step 1.
- The air conditioner signal code is set to A prior to shipment. Contact your retailer to change the signal code.
- The Remote Controller resets to signal code A when the batteries in the Remote Controller are replaced. If you use a signal code other than signal code A, reset the signal code after replacing the batteries.
If you do not know the air conditioner signal code setting, try each of the signal codes (**A**→**b**→**c**→**d**) until you find the code which operates the air conditioner.

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	Cause	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. 	17
	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. 	17
	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 thermostat 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 thermostat 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. 	17
		<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 	18
Water is produced from the outdoor unit:	<ul style="list-style-type: none"> ● During Heating operation, water may be produced from the outdoor unit due to Automatic Defrosting operation. 	17	

TROUBLESHOOTING

	Symptom	Diagnostic	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 timer operating? 	8 - 9
	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 (thermostat) 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"> ● 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 (Fig. 3 ⑤) and the TIMER Indicator Lamp (Fig. 3 ⑥) flashes and ECONOMY Indicator Lamp (Fig.3 ⑦) 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 circulating 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.

OPERATING TIPS

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.

Multi-type Air conditioner

This indoor unit can be connected to a multi-type outdoor unit. 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.



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