

Operating Instructions Air Conditioner

Model No.

Indoor Unit

RS-S9MK

RS-S12MK

RS-S18MK

RS-S24MK

Outdoor Unit

RU-S9MK

RU-S12MK

RU-S18MK

RU-S24MK



中文

在操作空調器前，請細讀此操作說明，並保存此書以備日後參考。

ENGLISH

Before operating the unit, read these operating instructions thoroughly and keep them for future reference.



簡易指南
QUICK GUIDE

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注：本操作說明書裡的圖解僅作為說明用途，並且可能與實際產品有所區別。若因為產品改進而發生變更，恕不另行通知。

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NOTE : The illustrations in this manual are for explanation purposes only and may differ from the actual unit. It is subjected to change without notice for future improvement.

操作條件

在以下溫度範圍內使用空調器

溫度 (°C)		室內		室外	
		*DBT	*WBT	*DBT	*WBT
製冷	最高	32	23	43	26
	最低	16	11	16	11

* DBT: 乾球溫度

* WBT: 濕球溫度

OPERATION CONDITION

Use this air conditioner under the following temperature range

Temperature (°C)		Indoor		Outdoor	
		*DBT	*WBT	*DBT	*WBT
COOLING	Max.	32	23	43	26
	Min.	16	11	16	11

* DBT: Dry bulb temperature

* WBT: Wet bulb temperature

安全措施

為了防止個人傷害，危害其他人或財物的損失，請遵守以下指示。
因不遵守以下指示導致的錯誤操作將引起傷害或損壞，其嚴重程度分類如下：

**警告**

此標識所示的行為有可能導致嚴重傷害或死亡。

**注意**

此標識所示的行為有可能導致傷害或財產損失。

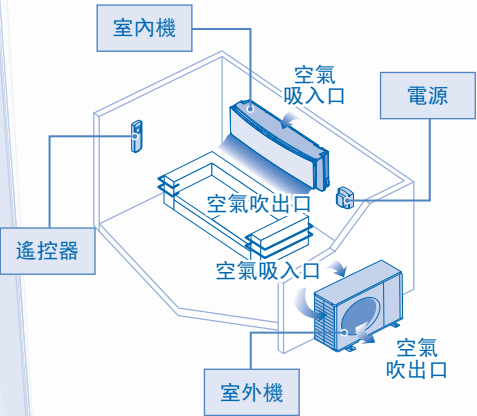
要遵守的指示按下列符號分類：












此符號表示被禁止的行為。



此符號表示務必執行的行為。



<div>警告</div>	
室內機及室外機	
	<p>此裝置不適合殘疾、感應欠佳或智障，經驗與知識不足的人士（包括兒童）使用。除非負責其安全的監督人從旁監督或指示如何正確使用此裝置。務必監督兒童以確保他們不會玩弄本機。</p> <p>請諮詢授權經銷商或專業人員清洗內部零件，修理，安裝，拆卸和重新安裝本機。安裝和處理不當將導致漏電，觸電或火災。</p>
	<p>切勿將本機安裝在爆炸或可燃性的環境中。否則會導致火災。</p> <p>切勿把手指或其他物件插入空調器的室內或室外機以免受到旋轉部件傷害。</p> <p>閃電時切勿觸摸室外機，否則會導致觸電。</p> <p>切勿長時間受冷氣流直接吹拂以免過冷。</p> <p>切勿坐或踩踏在主機上以免意外摔跤。</p>  
遙控器	
	<p>切勿讓嬰兒和小孩玩遙控器以免不小心吞下電池。</p>
電源	
	<p>切勿採用改裝電線，接合電線，延長電線或非指定的電線，以免過熱及火災。</p> <p>為免過熱，火災或觸電：</p> <ul style="list-style-type: none">切勿與其他設備共用一個電源插座。切勿用潮濕的手操作。切勿過度扭曲電線。切勿以插入或拉出插頭的方式來操作或停止本機。  

**警告****電源**

如果電線損壞，必須由製造商或其服務代理商或具有同等資格的合格人員進行更換，以免遭受危害。

強烈建議您安裝接地漏電電源斷路器 (ELCB) 或殘餘電流裝置 (RCD) 以免觸電或火災。

為免過熱，火災或觸電：

- 妥當插入插頭。
- 務必定時用乾布擦掉插頭上的灰塵。

當出現任何異常/故障時，請停止使用本機，拔出電插頭或關掉電源開關及斷路器。

(煙霧/火災/觸電危險)

異常/故障舉例

- 接地漏電電源斷路器 (ELCB) 頻繁跳開。
- 出現燒焦味。
- 本機出現異常噪音或振動。
- 室內機漏水。
- 電線或插頭變得異常熱。
- 無法控制風量。
- 本機立即停止運轉，雖然已經打開準備操作。
- 雖然已經停止操作，風扇仍然不停止轉動。

立即諮詢經銷商以進行保養/修理。

更換或安裝電源插頭必須由授權/合格人員進行。主導電體裏的電線由下列不同的顏色分類：

接頭	電線	顏色 (GB 標準)
L	紅色	電線 負載線 褐色
N	黑色	中線 藍色
E	綠色/黃色	接地線 綠色-黃色

電線顏色會隨國家電線代碼的標準而有所不同。



本設備必須接地以免觸電或火災。



為免觸電，請在下列情況時關閉電源並拔出插頭：

- 清洗或維修之前。
- 長期不使用時。
- 異常強烈閃電時。

**注意****室內機及室外機**

切勿用水、苯、稀釋劑或潔亮粉末清洗室內機以免損壞或腐蝕本機。

切勿充作其他用途，如貯藏食物、動物、植物、藝術品或其他物件。否則會破壞品質等。

切勿在氣流出口使用任何易燃器具以免引起火災。

切勿讓植物或寵物受冷氣流直接吹拂以免損傷等。

切勿觸摸尖銳的鋁散熱片以免受到尖銳部件傷害。



當在地面打蠟時切勿開啟室內機。打蠟完畢之後，請先讓房間良好通風再操作本機。

切勿將本機安裝在油煙重的場所以免損壞本機。

切勿拆卸本機來進行清洗工作以免受傷。

當清洗本機時切勿踩踏在不穩固的架子上以免受傷。

切勿將花瓶或水容器放置在本機上。水會進入本機而導致絕緣受到破壞。這會引起觸電。

切勿在製冷或除濕模式下長時間打開門窗。



確保排水軟管連接正確和不受通水道，容器阻擋或浸在水裏以免漏水。

長時間使用或與其他易燃設備一起使用後請定時讓房間通風換氣。

長期使用後，請注意安裝支架是否有損壞以免主機墜落。

遙控器

切勿使用可充電電池 (Ni-Cd)。它會損壞遙控器。



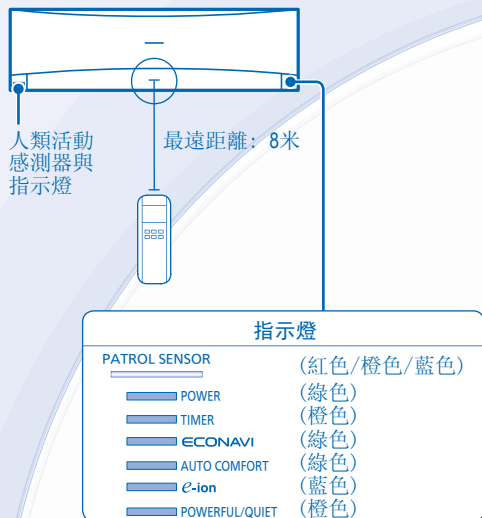
為免遙控器失靈或損壞：

- 如果準備長期不使用本機，務必將電池取出。
- 務必採用同類型的新電池並對準電極插入。

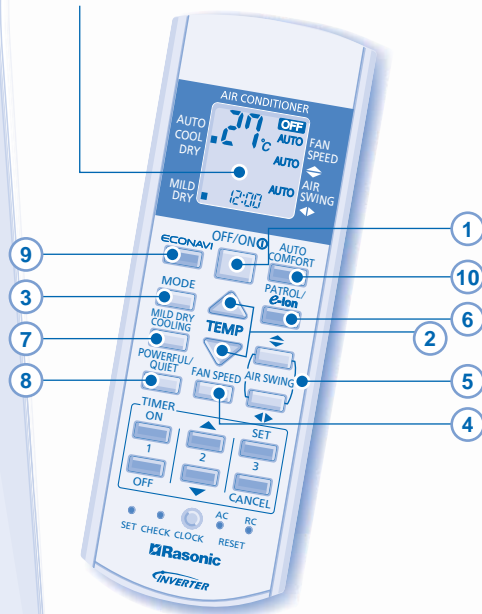
電源

切勿以抽拉電線的方式來拔除插頭以免觸電。

遙控器



遙控器顯示屏



按下遙控器的按鈕

1 啟動或關閉主機



- 請留意遙控顯示屏上的 OFF 顯示以防本機不正當地啟動/停止。

2 設定溫度

- 選擇範圍：16°C ~ 30°C。
- 在所建議的溫度內操作本機可為您節省能源。
- COOL：26°C ~ 28°C。
- DRY：比室溫低 1°C ~ 2°C。

3 選擇運轉模式

AUTO - 給您方便

- 在運轉模式選擇時，電源指示燈將閃爍。
- 本機在啟動中依據設定溫度及室溫選擇運轉模式。

COOL - 享受清涼

- 為了在製冷模式下降低耗電量，請拉上窗簾以避免陽光直接照射和室外暖氣進入。

DRY - 為您創造乾爽的環境

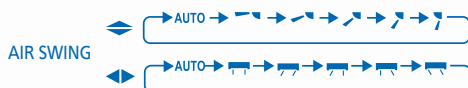
- 空調以低速運轉，進行極為柔和的製冷運轉。

4 選擇風量 (5 級選擇)



- 至於自動運轉，室內風扇風量將依據運轉模式自動調節。

5 調節風向 (5 級選擇)




- 保持室內空氣循環。
- 在製冷/除濕模式下，如果設定為自動風向時，導風板將自動向左/右及向上/下擺動。

6 享受清潔與新鮮的空氣

PATROL/
e-ion → PATROL → e-ion → NORMAL

PATROL - 監測空氣質量

- 檢測空氣質量。當檢測到空氣質量處於骯髒狀態時，即啟動空氣淨化 (e-ion) 功能。
- 無論空氣質量是否理想，為了保持空氣的新鮮度，空氣淨化 (e-ion) 功能將自動啟動（空氣感測器 (PATROL SENSOR) 指示燈變紅色），當：
 - 主機關啟兩分鐘之後，或
 - 主機處於乾淨狀態四小時以上。
- 此模式在主機關閉的狀態下，依然可以被啟動。
- 用  啟動主機時空氣感測 (PATROL) 功能即自動開始操作。

PATROL SENSOR	
指示燈	空氣質量
藍色	乾淨
橙色	中等
紅色	骯髒

e-ion - 通風及淨化空氣

- 產生負離子使塵埃帶上負電荷，然後由正極充電的過濾網吸引塵埃，以提供清新的空氣。
- 此模式在主機關閉的狀態下，依然可以被啟動，在此情況下，風量及風向將無法被調整。

7 改善濕度，為您創造舒適的環境

- 此功能可降低空氣乾燥度並帶給您舒適的家居環境。僅可在製冷模式中被啟動。
- 當垂直風向被設定為 AUTO（自動）時，它會停在最低位置以防冷空氣接觸。但是，您可手動調整導風板方向。

8 轉換於 POWERFUL 與 QUIET 模式

POWERFUL/
QUIET → POWERFUL → QUIET → NORMAL

POWERFUL 迅速達到設定溫度

- 此功能將在20分鐘後自動停止。

QUIET 享受安靜運轉

- 此功能將減低氣流噪音。
- 當此功能被啟動時，指示燈的亮度會變暗。

9 10 監測人數及活動以節省能源和令您感到舒適

ECONAVI 為更有效的節省能源
AUTO COMFORT 為獲取最佳的舒適度

- 當其中一個模式被啟動，本機將開始預置約一分鐘。人類活動指示燈則依順序閃爍。
- 預置後人類活動感測器將開始檢測熱源與活動量，本機將調節溫度和氣流以讓您持續感到舒適。

熱源與活動	低	高	正常	無
設定溫度	+1°C			+2°C
設定風量	+1 級*	-1 級	+1 級	≤ 中速風量

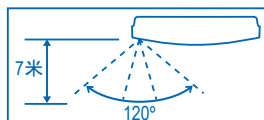
* 首15分鐘或達到設定溫度時。

- 人類活動感測器也可掃描房間的熱源與活動範圍。

人類活動指示燈	熱源與活動
	房間的左邊範圍
	房間的右邊範圍
	房間的中間或多面範圍。

- 本機將確定熱源與活動重點從而自動調節水平風向導風板，即固定在已確定的位置或左/右擺動。

檢測範圍（頂觀）



- 當手動 AIR SWING 被選取時，ECONAVI 和 AUTO COMFORT 運轉會被取消。
- 感測器可能無法偵查於7米以外或偵查角度以外之移動物體。
- 感測器的靈敏度取決於室內機的位置，移動速度，溫度等。
- 感測器可能會誤把寵物，陽光，某些光線，飄動的窗簾和光線反射當作是人。

注意

PATROL/
e-ion POWERFUL/
QUIET AUTO
COMFORT ECONAVI

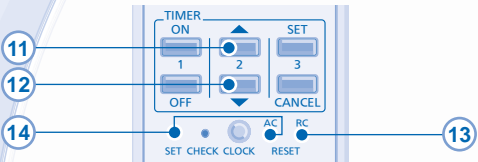
POWERFUL/
QUIET AUTO
COMFORT ECONAVI

- 可以在任何模式中操作。再分別按下相關的按鈕即可取消操作。

- 無法被同時選取。
- 無法被啟動當 "MILD DRY COOLING" 模式正操作中。

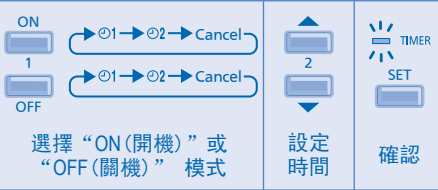
遙控器

- 11 持續按下 5 秒以調暗或恢復主機的指示燈亮度。
- 12 持續按下大約 10 秒以在 °C 或 °F 格式中顯示溫度。
- 13 按下以恢復遙控器的出廠設定。
- 14 在正常操作下不使用。



設定預約時間

- 具有兩組開機及關機定時預約時間以在不同的預約時間下啟動或關閉主機。
- 完成以下步驟以設定每個定時預約：



- 在客廳使用的舉例：
早晨：在 07:00 “ON(開機)” ①1 (起床)
在 08:00 “OFF(關機)” ①1 (出外工作)
傍晚：在 17:00 “ON(開機)” ②2 (回家)
在 22:00 “OFF(關機)” ②2 (睡覺)
- 按下 或 以選擇相關的 ①1 或 ②2，然後按下 以取消開機或關機定時預約時間。
- 如果自行取消定時預約或因為發生停電而被取消，您可按下 或 以選擇相關的 ①1 或 ②2，然後按下 以恢復之前的設定。
- 即將出現的定時預約將會按順序顯示及開啟。
- 當設定了定時開機時，為了在您設定的時間內達到您所設定的溫度，空調器會在設定的時間提前運轉(高達15分鐘)。
- 定時預約機能將依據遙控器所設定的時間操作，並且一旦被設定後會每天重複操作。至於時鐘設定，請參閱封底的遙控器的準備。

主機停止操作及定時預約指示燈閃爍。

用遙控器檢索錯誤代碼。

- 1 按下 5 秒。
- 2 按下直到您聽見“嗶”聲，然後抄下錯誤代碼。
- 3 按下 5 秒即可退出故障診斷模式。
- 4 關閉空調並將故障代碼告知授權經銷商。

注：

- 至於某些錯誤代碼在運轉啟動時您可聽見4聲嗶聲重新啟動主機於某些限制運轉。

室內機



注意

- 進行清洗前，關掉電源並拔出插頭。
- 切勿觸摸鋁片，尖銳部分會造成傷害。

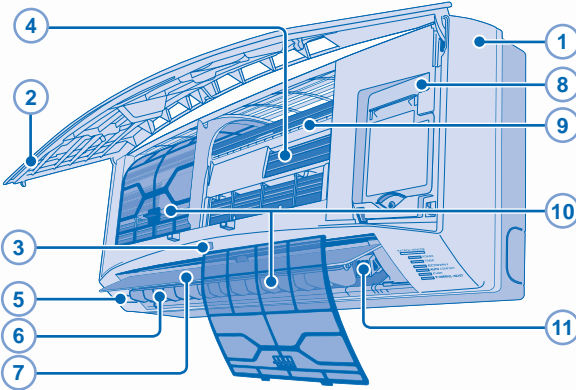
中文

清洗說明

- 切勿使用稀釋劑、苯、潔亮粉。
- 僅使用肥皂 (≈ pH7) 或中性家用清潔劑。
- 切勿使用溫度高過 40°C 的水。

提示

- 為了確保本機發揮最佳功能，您必須進行定期維修清洗。本機變髒會導致故障並出現“H99”錯誤代碼。請諮詢授權經銷商。



9, 10, 11 e-ion空氣淨化系統

- 運轉時切勿觸摸。

5 人類活動感測器

- 切勿敲打或用力按感測器或用尖銳物件刺感測器，否則會導致損壞及故障。
- 切勿放置任何大型物件於感測器附近，並且別放置製暖器或潮濕器於感測器的感測範圍內。否則會導致感測器故障。

1 室內機

- 使用乾、軟的布輕抹。

2 正面板

打開正面板

- 向上提及拉開以取出正面板。
- 輕洗並弄乾。

關上正面板



- 將正面板的兩端往下按以確實關上。

3 遙控接收器

4 鋁片

5 人類活動感測器

6 水平風向導風板

- 切勿用手調節。

7 垂直風向導風板

- 切勿用手調節。

8 自動關/開按鈕

- 當遙控器遺失或失靈時使用。

動作	模式
按一次。	自動
持續按下直到聽見一聲“嗶”，然後鬆開。	製冷
按下按鈕以關閉。	

9 e-ion 充電電線

10 e-ion 過濾網

- 經常清洗過濾網。
- 用水輕輕清洗/沖洗過濾網以免損壞過濾網的表層。
- 在陰涼處徹底弄乾過濾網，遠離火源或直射陽光。
- 請更換損壞的過濾網。

11 超活躍離子產生器

使用乾棉花棒清洗。

- 建議每 6 個月清潔超活躍離子產生器一次。



故障檢修

以下現象並非表示故障。

現象	原因
室內機散發出霧氣。	▶ • 製冷導致冷凝現象。
運轉時，聽見類似流水聲。	▶ • 機內製冷劑流動的聲音。
室內有異味。	▶ • 這可能是牆壁、地毯、家具或衣物散發出來的氣味。
在自動風量設定中，室內風扇時開時停。	▶ • 這是為了排除周圍所發出的異味。
重新啟動後，運轉延遲幾分鐘。	▶ • 此延遲用於保護本機壓縮機。
室外機滴水/蒸氣。	▶ • 這是配管表面水蒸氣冷凝或蒸發的現象。
定時器的指示燈一直亮。	▶ • 一旦設定後，定時預約設定會每天重覆操作。
在打開主機以前電源指示燈會閃爍。	▶ • 這是當開機定時預約時間被設定時準備開始操作的初步工作。
運轉時發出吱嘎噪聲。	▶ • 溫度變化造成主機膨脹或收縮。
在啟動空氣感測 (PATROL) 功能時氣流變得不規律。	▶ • 在空氣感測 (PATROL) 功能操作時風量自動被調整。 請啟動靜音 (QUIET) 功能以保持氣流的規律性。
超過兩個人類活動指示燈同時打開。	▶ • 熱源與活動範圍判斷在進行中。

在進行維修之前請先檢查以下各項。

現象	檢查
製冷運轉無法有效地操作。	▶ • 設定正確溫度。 • 關上所有房門及窗戶。 • 清洗或更換過濾網。 • 移除阻擋空氣吸入或吹出口的任何阻礙物。
運轉時產生噪音。	▶ • 檢查是否裝斜了主機。 • 妥善關閉正面板。
遙控器不操作。 (顯示屏變暗或傳輸信號微弱。)	▶ • 正確地安裝電池。 • 更換微弱的電池。
本機不能啟動。	▶ • 檢查是否是電流斷路器跳開了。 • 檢查是否已設定預約時間。
本機沒有從遙控器收到信號。	▶ • 確認接收器不受阻礙。 • 某種類型的螢光燈可能會影響訊號接收。請諮詢授權經銷商。
室內機上的空氣感測器 (PATROL SENSOR) 或空氣淨化 (e-ion) 指示燈閃爍。	▶ • 停止空氣感測或空氣淨化 (e-ion) 操作，然後再次啟動。如果空氣感測器 (PATROL SENSOR) 或空氣淨化 (e-ion) 指示燈仍舊閃爍，請諮詢授權經銷商。

至於長期不使用時的換季檢查

- 檢查遙控器的電池。
- 確保室內機或室外機的空氣吸入或吹出口順暢無阻。
- 用自動關/開按鈕來選擇製冷運轉。運轉15分鐘後，在正常情況下，室內機空氣吸入及吹出口的溫差為：
製冷：≥ 8°C

長期不使用時

- 啟動空氣淨化 (e-ion) 2 至 3 小時是徹底排除留在內部機件的濕氣，以防止微菌滋生。
- 關閉電源並拔出插頭。
- 取出遙控器的電池。

不可維修的情況

若出現以下情況，請關掉電源並拔出插頭，然後諮詢授權經銷商：

- 運轉時發出異常噪音。
- 有水/異物進入遙控器。
- 室內機漏水。
- 電源斷路器經常跳開。
- 電線異常發熱。
- 開關鈕或按鈕不能正常操作。

關於用戶回收與丟棄舊設備及電池的信息



[非歐共體國家的處理信息]

這些符號僅有效於歐洲共同體。如果您要丟棄這些物件，請諮詢您的當地政府或經銷商並詢問正確的丟棄方式。



電池符號的注意事項（底部兩個符號舉例）：

此符號可與化學符號綜合使用。在此情況下，它須符合制定給該化學的使用條件。



Pb

SAFETY PRECAUTIONS

To prevent personal injury, injury to others, or property damage, please comply with the following. Incorrect operation due to failure to follow instructions below may cause harm or damage, the seriousness of which is classified as below:

**WARNING**

This sign warns of death or serious injury.


**CAUTION**

This sign warns of injury or damage to property.

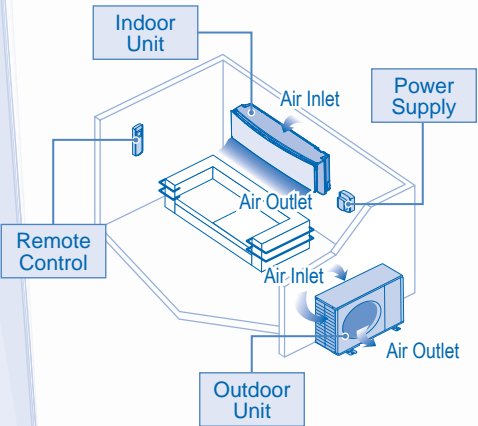
The instructions to be followed are classified by the following symbols:







This symbol denotes an action that is PROHIBITED.



These symbols denote an actions that is COMPULSORY.



<div>WARNING</div>	
INDOOR UNIT AND OUTDOOR UNIT	
<div></div>	<p>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.</p> <p>Please consult authorized dealer or specialist to clean the internal parts, repair, install, remove and reinstall the unit. Improper installation and handling will cause leakage, electric shock or fire.</p>
<div></div>	<p>Do not install the unit in a potentially explosive or flammable atmosphere. Failure to do so could result in fire.</p> <p>Do not insert your fingers or other objects into the air conditioner indoor or outdoor unit, rotating parts may cause injury.</p> <p>Do not touch the outdoor unit during lightning, it may cause electric shock.</p> <p>Do not expose yourself directly to cold air for a long period to avoid excess cooling.</p> <p>Do not sit or step on the unit, you may fall down accidentally.</p>
REMOTE CONTROL	
<div></div>	<p>Do not allow infants and small children to play with the remote control to prevent them from accidentally swallowing the batteries.</p>
POWER SUPPLY	
<div></div>	<p>Do not use modified cord, joint cord, extension cord or unspecified cord to prevent overheating and fire.</p> <p>To prevent overheating, fire or electric shock:</p> <ul style="list-style-type: none">Do not share the same power outlet with other equipment.Do not operate with wet hands.Do not over bend the power supply cord.Do not operate or stop the unit by inserting or pulling out the power plug.



WARNING

POWER SUPPLY



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

It is strongly recommended to be installed with Earth Leakage Circuit Breaker (ELCB) or Residual Current Device (RCD) to prevent electric shock or fire.

To prevent overheating, fire or electric shock:

- Insert the power plug properly.
- Dust on the power plug should be periodically wiped with a dry cloth.

Stop using the product when any abnormality/failure occurs and disconnect the power plug or turn off the power switch and breaker.

(Risk of smoke/fire/electric shock)

Examples of abnormality/failure

- The ELCB trips frequently.
- Burning smell is observed.
- Abnormal noise or vibration of the unit is observed.
- Water leaks from the indoor unit.
- Power cord or plug becomes abnormally hot.
- Fan speed cannot be controlled.
- The unit stops running immediately even if it is switched on for operation.
- The fan does not stop even if the operation is stopped.

Contact immediately your local dealer for maintenance/repair.

Replacement or installation of power plugs shall be performed by authorized/qualified personnel only. The wires in this mains lead are coloured in accordance with the following code:

Terminals	wires	colours (GB Standard)
L	Red	live
N	Black	neutral
E	Green/Yellow	earth
		green-yellow

Wiring colour may vary depending on a country wiring code's standard.



This equipment must be earthed to prevent electrical shock or fire.



Prevent electric shock by switching off the power supply and unplug when:

- Before cleaning or servicing.
- Extended non-use.
- Abnormally strong lightning activity.



CAUTION

INDOOR UNIT AND OUTDOOR UNIT



Do not wash the indoor unit with water, benzene, thinner or scouring powder to avoid damage or corrosion at the unit.

Do not use for preservation of precise equipment, food, animals, plants, artwork or other objects. This may cause quality deterioration, etc.

Do not use any combustible equipment in front of the airflow outlet to avoid fire propagation.

Do not expose plants or pet directly to airflow to avoid injury, etc.

Do not touch the sharp aluminium fin, sharp parts may cause injury.



Do not switch ON the indoor unit when waxing the floor. After waxing, aerate the room properly before operating the unit.

Do not install the unit in oily and smoky areas to prevent damage to the unit.

Do not dismantle the unit for cleaning purpose to avoid injury.

Do not step onto unstable bench when cleaning the unit to avoid injury.

Do not place vase or water container on the unit. Water may enter the unit and degrade the insulation. This may cause an electric shock.

Do not open window or door for long time during COOL/DRY mode operation.



Ensure drainage pipe is connected properly and keep drainage outlet clear of gutters, containers or does not immersed in water to prevent water leakage.

After long period of use or use with any combustible equipment, aerate the room regularly.

After long period of use, make sure the installation rack does not deteriorate to prevent the unit from falling down.

REMOTE CONTROL



Do not use rechargeable (Ni-Cd) batteries. It may damage the remote control.



To prevent malfunction or damage of the remote control:

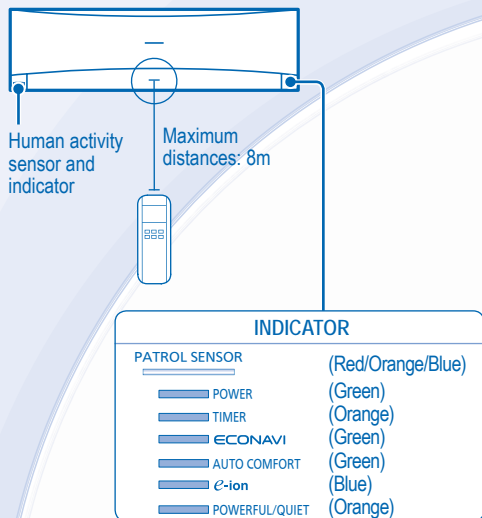
- Remove the batteries if the unit is not going to be used for a long period of time.
- New batteries of the same type must be inserted following the polarity stated.

POWER SUPPLY

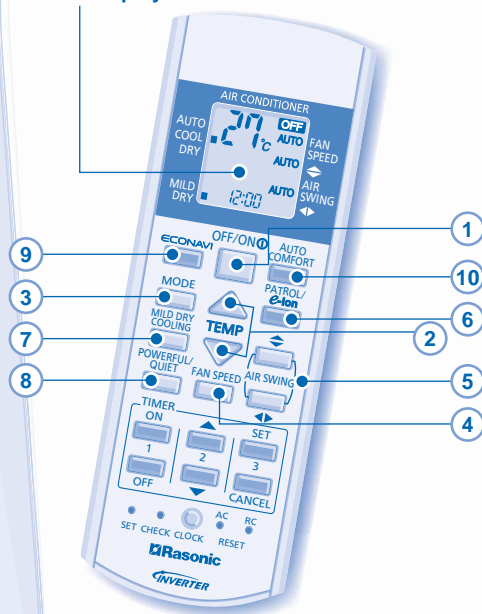


Do not pull the cord to disconnect the plug to prevent electric shock.

REMOTE CONTROL



Remote Control display



Press the remote control's button

1 TO TURN ON OR OFF THE UNIT



- Please be aware of the OFF indication on the remote control display to prevent the unit from starting/stopping improperly.

2 TO SET TEMPERATURE

- Selection range: 16°C ~ 30°C.
- Operating the unit within the recommended temperature could induce energy saving.
COOL mode : 26°C ~ 28°C.
DRY mode : 1°C ~ 2°C lower than room temperature.

3 TO SELECT OPERATION MODE

AUTO mode - For your convenience

- During operation mode selection the power indicator blinks.
- Unit selects operation mode during startup according to temperature setting and room temperature.

COOL mode - To enjoy cool air

- Use curtains to screen off sunlight and outdoor heat to reduce power consumption during cool mode.

DRY mode - To dehumidify the environment

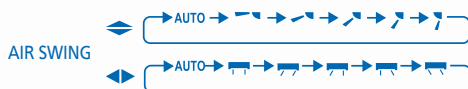
- Unit operates at low fan speed to give a gentle cooling operation.

4 TO SELECT FAN SPEED (5 OPTIONS)



- For AUTO, the indoor fan speed is automatically adjusted according to the operation mode.

5 TO ADJUST AIRFLOW DIRECTION (5 OPTIONS)



- Keeps the room ventilated.
- In COOL/DRY mode, if AUTO is set, the louver swing left/right and up/down automatically.

6 TO ENJOY CLEAN & FRESH AIR

PATROL/ **e-ion** → PATROL → **e-ion** → NORMAL

PATROL - To monitor air quality

- Detects air quality; e-ion operation activates when air quality is at dirty level.
- Regardless of air quality, to maintain air freshness e-ion activates automatically (PATROL SENSOR indicator turns red) when:
 - 2 minutes after the unit is on, or
 - exceeds 4 hours at clean level.
- Can be activated even when the unit is turned off.
- Patrol starts automatically with the unit switched on with OFF/ON

Indicator	Air Quality
Blue	Clean
Orange	Moderate
Red	Dirty

e-ion - To freshen and purify the air

- Generates negative ions to produce fresh air effect and attract dust which will then be captured at the positively charged e-ion filters.
- Can be activated even when the unit is turned off. In this condition, fan speed and air swing can not be adjusted.

7 TO IMPROVE HUMIDITY AND MOISTURE LEVEL

- This operation reduces air dryness and provides you with a comfortable living environment during COOL mode only.
- When vertical airflow direction is set to AUTO, it stops at lower position to avoid cold air contact. However, you can adjust the louver direction manually.

8 TO SWITCH BETWEEN POWERFUL & QUIET

POWERFUL/ QUIET → POWERFUL → QUIET → NORMAL

POWERFUL TO REACH TEMPERATURE QUICKLY

- This operation will stop automatically after 20 minutes.

QUIET TO ENJOY QUIET OPERATION

- This operation reduces airflow noises.
- When this operation is activated, the indicator brightness will be dimmed.

9 10 TO MONITOR HUMAN PRESENCE & ACTIVITY FOR ENERGY SAVING & COMFORT

ECONAVI — To optimize energy saving

ECONAVI

AUTO COMFORT ----- To maximize comfort

AUTO COMFORT

- When either operation is activated, the unit will start to initialize for approximately 1 minute. Human activity indicator is blinking in sequence.
- After initialization, the human activity sensor will start to detect the level of heat source & movement, the unit adjusts the temperature and airflow to keep you comfort consistently.

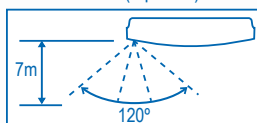
Heat Source & Movement	Low	High	Normal	None
Set Temperature	+1°C			+2°C
Set Fan Speed	+1 tap*	-1°C +1 tap		≤ Medium Fan

- * For first 15 minutes or until set temperature is reached.
- Human activity sensor will also scan for area of heat source and movement in a room.

Human activity indicator	Heat source & movement
≡ ≡ ≡	At left area of the room
≡ ≡ ≡ ≡ ≡ ≡	At right area of the room
≡ ≡ ≡ ≡ ≡ ≡	At centre area or multiple areas of the room.

- The unit will determine the heat source & movement hotspot, and automatically adjust horizontal airflow direction lower either fix at predetermined position or swing left/right.

Detection area (top view)



- When manual AIR SWING ◀▶ is selected, the ECONAVI and AUTO COMFORT operation will be cancel.
- Sensor may not detect moving objects further than 7m away or beyond detection angle.
- Sensor sensitivity is influenced by indoor unit location, movement speed, temperature range, etc.
- The sensor may mistakenly detects pets, sunlight, certain lighting, fluttering curtains and light reflection as human being.

NOTES

PATROL/ **e-ion** POWERFUL/ QUIET AUTO COMFORT ECONAVI

POWERFUL/ QUIET AUTO COMFORT ECONAVI

- Can be activated in all modes and can be cancelled by pressing the respective button again.

- Cannot be selected at the same time.
- Cannot be activated during "MILD DRY COOLING" operation is activated.

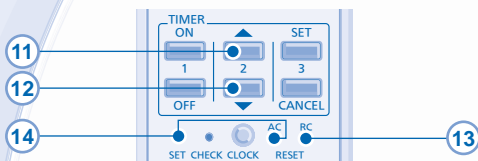
REMOTE CONTROL

11 Press and hold for 5 seconds to dim or restore the unit's indicator brightness.

12 Press and hold for approximately 10 seconds to show temperature setting in °C or °F.

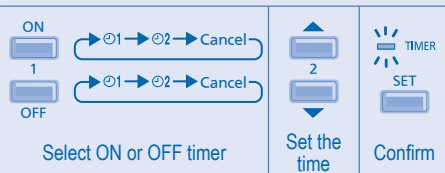
13 Press to restore the remote control's default setting.

14 Not used in normal operations.



TO SET THE TIMER

- 2 sets of ON and OFF timers are available to turn ON or OFF the unit at different preset time.
- Complete below procedures to set each timer:

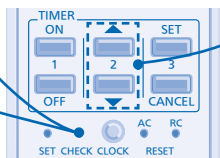


- Example of application at living room:
Morning: ON ⓪1 at 07:00 (Wake up)
OFF ⓪1 at 08:00 (Out for work)
Evening: ON ⓪2 at 17:00 (Back home)
OFF ⓪2 at 22:00 (Sleep)
- To cancel ON or OFF timer, press or to select respective ⓪1 or ⓪2 then press .
- If timer is cancelled manually or due to power failure, you can restore the timer again by pressing or to select respective ⓪1 or ⓪2 then press .
- Upcoming timer will be displayed and will be activated in sequence.
- When ON Timer is set, the unit may start earlier (up to 15 minutes) before the actual set time in order to achieve the desired temperature on time.
- Timer operation is based on the clock set in the remote control and repeats daily once set. For clock setting, please refer to Remote Control Preparation at back cover.

The unit stops and the timer indicator blinks.

Use remote control to retrieve error code.

- Press for 5 seconds.
- Press until you hear beep sound, then write down the error code.
- Press for 5 seconds to quit checking.
- Turn the unit off and reveal the error code to authorized dealer.



Note:

- For certain errors, you may restart the unit for limited operation with 4 beeps during operation starts.

INDOOR UNIT



CAUTION

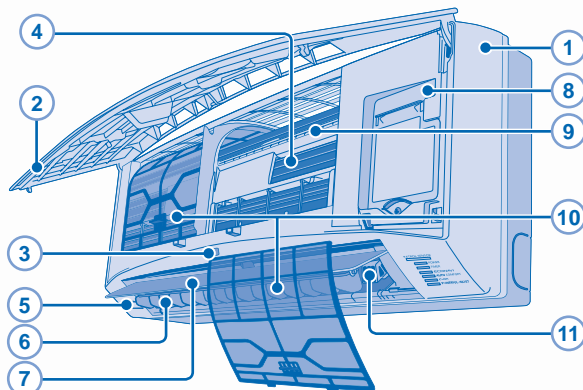
- Switch off the power supply and unplug before cleaning.
- Do not touch the aluminium fin, sharp parts may cause injury.

CLEANING INSTRUCTIONS

- Do not use benzene, thinner or scouring powder.
- Use only soap (\approx pH7) or neutral household detergent.
- Do not use water hotter than 40°C.

HINT

- To ensure optimal performance of the unit, cleaning maintenance has to be carried out at regular intervals. Dirty unit may cause malfunction and you may see error code "H99". Please consult authorized dealer.



9, 10, 11 e-ion AIR PURIFYING SYSTEM

- Do not touch during operation.

5 HUMAN ACTIVITY SENSOR

- Do not hit or violently press the sensor or poke it with a sharp object. This can lead to damage and malfunction.
- Do not place large objects near the sensor and keep away heating units or humidifiers from the sensor's detection area. This may lead to sensor malfunction.

1 INDOOR UNIT

- Wipe the unit gently with a soft, dry cloth.

2 FRONT PANEL

Remove Front Panel

- Raise and pull to remove the front panel.
- Wash gently and dry.

Close Front Panel



- Press down both ends of the front panel to close it securely.

3 REMOTE CONTROL RECEIVER

4 ALUMINIUM FIN

5 HUMAN ACTIVITY SENSOR

6 HORIZONTAL AIRFLOW DIRECTION LOUVER

- Do not adjust by hand.

7 VERTICAL AIRFLOW DIRECTION LOUVER

- Do not adjust by hand.

8 AUTO OFF/ON BUTTON

- Use when remote control is misplaced or a malfunction occurs.

Action	Mode
Press once.	Auto
Press and hold until 1 beep is heard, then release.	Cooling
Press the button to turn off.	

9 e-ion CHARGING WIRE

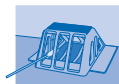
10 e-ion FILTERS

- Clean the filters regularly.
- Wash/rinse the filters gently with water to avoid damage to the filter surface.
- Dry the filters thoroughly under the shade, away from fire or direct sunlight.
- Replace any damaged filters.

11 ACTIVE e-ion GENERATOR

Clean with dry cotton bud.

- Active e-ion generator cleaning is recommended every 6 months.



TROUBLESHOOTING

The following symptoms do not indicate malfunction.

SYMPTOM	CAUSE
Mist emerges from indoor unit.	▶ • Condensation effect due to cooling process.
Water flowing sound during operation.	▶ • Refrigerant flow inside the unit.
The room has a peculiar odour.	▶ • This may be due to damp smell emitted by the wall, carpet, furniture or clothing.
Indoor fan stops occasionally during automatic fan speed setting.	▶ • This helps to remove the surrounding odours.
Operation is delayed a few minutes after restart.	▶ • The delay is a protection to the unit's compressor.
Outdoor unit emits water/steam.	▶ • Condensation or evaporation occurs on pipes.
Timer indicator is always on.	▶ • The timer setting repeats daily once set.
Power indicator blinks before the unit is switched on.	▶ • This is a preliminary step in preparation for the operation when the ON timer has been set.
Cracking sound during operation.	▶ • Changes of temperature cause the expansion/contraction of the unit.
Inconsistent airflow during PATROL operation.	▶ • Fan speed is adjusted automatically during patrol operation. Select QUIET operation to maintain the airflow consistency.
2 or more human activity indicator turns on simultaneously.	▶ • Judgement of heat source and movement area in progress.

Check the following before calling for servicing.

SYMPTOM	CHECK
Cooling operation is not working efficiently.	▶ • Set the temperature correctly. • Close all doors and windows. • Clean or replace the filters. • Clear any obstruction at the air inlet and air outlet vents.
Noisy during operation.	▶ • Check if the unit has been installed at an incline. • Close the front panel properly.
Remote control does not work. (Display is dim or transmission signal is weak.)	▶ • Insert the batteries correctly. • Replace weak batteries.
The unit does not work.	▶ • Check if the circuit breaker is tripped. • Check if timers have been set.
The unit does not receive the signal from the remote control.	▶ • Make sure the receiver not obstructed. • Certain fluorescent lights may interfere with signal transmitter. Please consult authorized dealer.
Patrol sensor or e-ion indicator on the indoor unit is blinking.	▶ • Stop Patrol or e-ion operation then restart. If the patrol sensor or e-ion indicator still blinking, please consult authorized dealer.

FOR SEASONAL INSPECTION AFTER EXTENDED NON-USE

- Checking of remote control batteries.
- No obstruction at air inlet and air outlet vents.
- Use Auto OFF/ON button to select Cooling operation. After 15 minutes of operation, it is normal to have the following temperature difference between air inlet and air outlet vents:
Cooling: $\geq 8^{\circ}\text{C}$

FOR EXTENDED NON-USE

- Activate e-ion operation for 2~3 hours as an alternative to remove moisture left in the internal parts thoroughly to prevent mould growth.
- Turn off the power supply and unplug.
- Remove the remote control batteries.

NON SERVICEABLE CRITERIAS

TURN OFF POWER SUPPLY AND UNPLUG then please consult authorized dealer under the following conditions:

- Abnormal noise during operation.
- Water/foreign particles have entered the remote control.
- Water leaks from Indoor unit.
- Circuit breaker switches off frequently.
- Power cord becomes unnaturally warm.
- Switches or buttons are not functioning properly.

Information for Users on Collection and Disposal of Old Equipment and used Batteries



[Information on Disposal in other Countries outside the European Union]

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.



Note for the battery symbol (bottom two symbol examples):

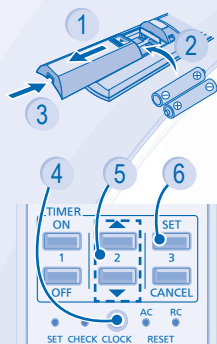


This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.

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簡易指南/QUICK GUIDE

遙控器的準備 • Remote Control Preparation



- 1 拉出 • Pull out
- 2 裝入 AAA 或 R03 電池 (可用大約一年) • Insert AAA or R03 batteries (can be used ~ 1 year)
- 3 把蓋關上 • Close the cover
- 4 按下時間(CLOCK) • Press CLOCK
- 5 設定時間 • Set time
- 6 確認 • Confirm

1

MODE



選擇所需要的模式。
Select the desired mode.

2

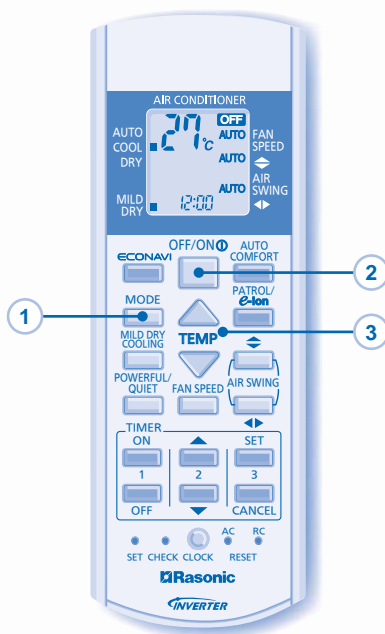
OFF/ON

開始/停止操作。
Start/stop the operation.

3

TEMP

選擇所需要的溫度。
Select the desired temperature.



Panasonic Corporation
Website: <http://panasonic.net/>