

SHARP

PK-18S3A

CIRCULATOR OPERATION MANUAL

ENGLISH

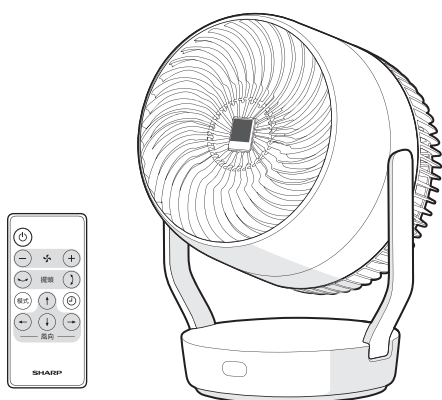
中文



HIGH-DENSITY NEXT*

"Plasmacluster" and "Device of a cluster of grapes" are trademarks of Sharp Corporation.

3D 空氣循環扇 使用說明書



* The number in this technology mark indicates more than 50000 ions supplied into air of 1 cm³, which is measured around the center of a room applicable floor area (at 1.2 m height above the floor) when the product is placed close to a wall at MAX setting.



保養登記

Warranty
Registration

Thank you for purchasing the SHARP Circulator.
Please read this manual carefully before using the product.
This manual should be kept in a safe place for reference.

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Important Safety Instructions

READ AND SAVE THESE INSTRUCTIONS before using this product.

When using the product, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

WARNING

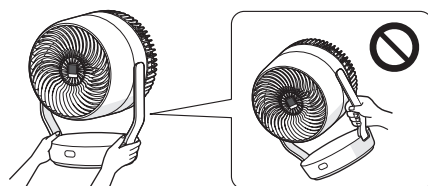
1. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure they do not play with the appliance.
2. Do not use the product within the reach of young children. (This may cause electric shock, injury, etc.)
3. Keep the Remote Control out of the reach of infants and young children. (It may cause health problems due to malfunction or ingestion of the battery.)
4. Do not repair or disassemble the product by yourself.
5. Never operate the product if the Power Cord, AC Adapter or the product is malfunctioning or damaged.
It must be replaced, repaired or discarded by the manufacturer or a Sharp authorized Service Center or similarly qualified service agent in order to avoid any hazards.
In the event of any problems, adjustments, or repairs please contact the nearest Service Center.
6. The following parts of the AC Adapter cannot be replaced. If they are damaged, the AC Adapter should be scrapped.
 - The Power Cord
 - The pins on the plug
 - The fuse
7. Regarding the AC Adapter, please observe the following. (This may cause fire, electric shock, malfunction, injury, or burns.)
 - a. Use AC 220 volt outlet only.
 - b. Only use the AC Adapter of the product.
 - c. In the following cases, be sure to stop the operation and then unplug the AC Adapter.
 - Before moving the Main Body.
 - Before maintaining the Main Body.
 - When the Main Body is not in use.
 - d. Do not damage, modify, forcibly bend, pull, twist, bundle, or pinch the Power Cord.
 - e. Do not place heavy objects on the Power Cord.
 - f. Do not use a damaged AC Adapter or Power Cord, or a loose outlet.
 - g. Do not use an extension cord with multiple outlets.
 - h. Do not touch the AC Adapter with wet hands when inserting or unplugging from the wall outlet.
 - i. When plugging in the AC Adapter, insert it firmly into the back of the outlet.
 - j. When unplugging the AC Adapter, always hold the adapter Main Body and the connector to remove it.
 - k. Do not touch the AC Adapter for extended periods.
 - l. Periodically remove dust from the AC Adapter.
8. Do not blow air on combustion appliances such as stoves. (It may cause carbon monoxide poisoning.)
9. Do not immerse the Main Body in water or pour water on it. (It may cause electric shock, short circuit,

injury, etc.)

10. Do not insert any foreign objects such as metal objects (e.g., pins or wires) into the gaps of the Main Body. (It may cause electric shock, short circuit, or malfunction.)
11. When attaching the Fan Blades and Front Guard to the Main Body, first use the Spinner Cap to securely tighten the Fan Blades, and then firmly attach the Front Guard. (It may cause injury or malfunction.)
12. Do not insert the batteries into the Remote Control with the positive (+) and negative (-) terminals reversed. (It may cause leakage, heat generation, rupture, or fire.)
13. Do not put the Remote Control in water or fire. Also, do not charge, heat, or disassemble the Remote Control.
(It may cause leakage, heat generation, rupture, or fire.)
14. Do not place precision equipment such as smartphones or magnetic cards close to the Remote Control. (It may cause data loss on the device or render the device unusable.)
15. As the Remote Control contains a built-in magnet, people using medical electronic devices such as pacemakers should handle it with care. (It may cause malfunction of medical equipment.)

CAUTION

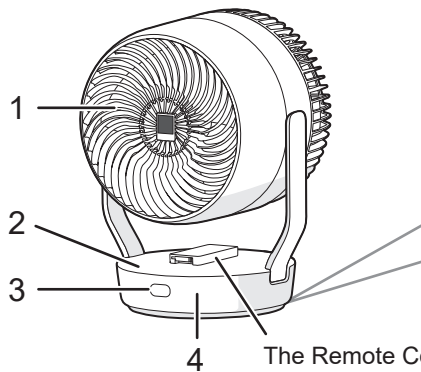
1. Do not use the product in the following places. (It may cause electric shock, fire, damage, malfunction, or injury.)
 - Places with flames, such as near a gas stove
 - Outdoors or places exposed to direct sunlight
 - Places where flammable gas is present
 - Places exposed to rain or water splashes
 - Places with high temperature and high humidity, such as bathrooms
 - Places with a lot of oil, dust, or metal powder
 - Unstable places or places near obstacles
2. When moving the Main Body, carry it by the Base.
(It may cause injury, damage, or scratches to the floor.)



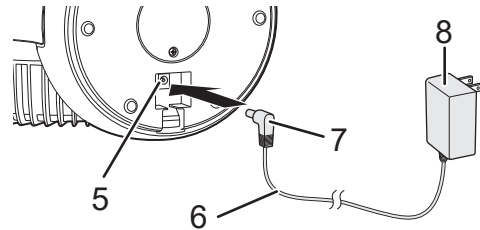
3. Install the Main Body in a place where laundry can not fall onto it and curtains, strings, etc. can not be drawn into it. (It may cause injury or malfunction.)
4. When drying laundry, spin-dry the laundry well so that water droplets do not fall on the Main Body. (It may cause electric shock, electric leakage, or malfunction.)
5. Do not direct the airflow at your body for extended periods. (It may cause discomfort or health problems.)
6. Do not insert fingers or other objects into the guard or moving parts. Do not touch the Blades or guard during operation or while the timer is set. (It may cause injury or malfunction.)
7. Do not change the oscillation angle by hand. (It may cause injury or malfunction.)
8. Do not operate the unit without attaching the Fan Blades and guard to the Main Body. (It may cause injury or malfunction.)
9. If abnormal vibration occurs in the Main Body, discontinue use. (It may cause injury or malfunction.)
10. Do not drop the Remote Control or subject it to strong impacts. (It may cause leakage, heat generation, rupture, or fire)
11. If battery fluid gets into your eyes or on your skin or clothing, immediately rinse thoroughly with clean water and consult a doctor. (It may cause injury to eyes or skin.)

Product Overview

Main Body



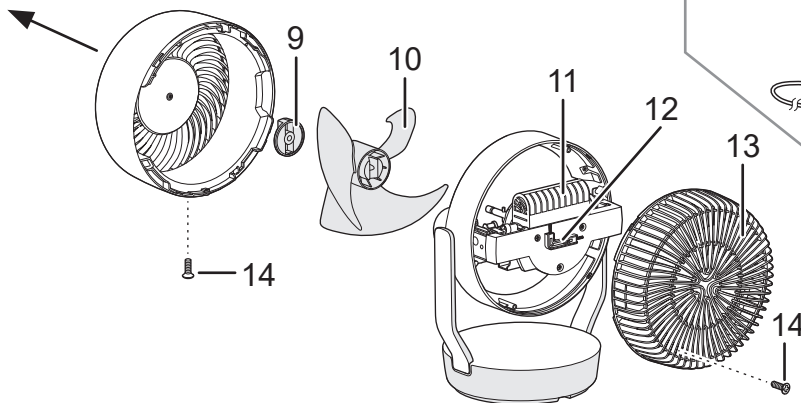
Base (back side)



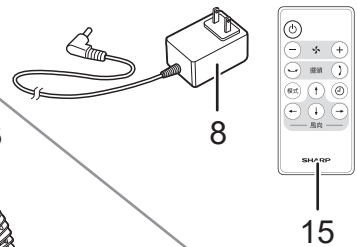
The Remote Control (with magnet) can be attached to the Base.

Exploded View

Front



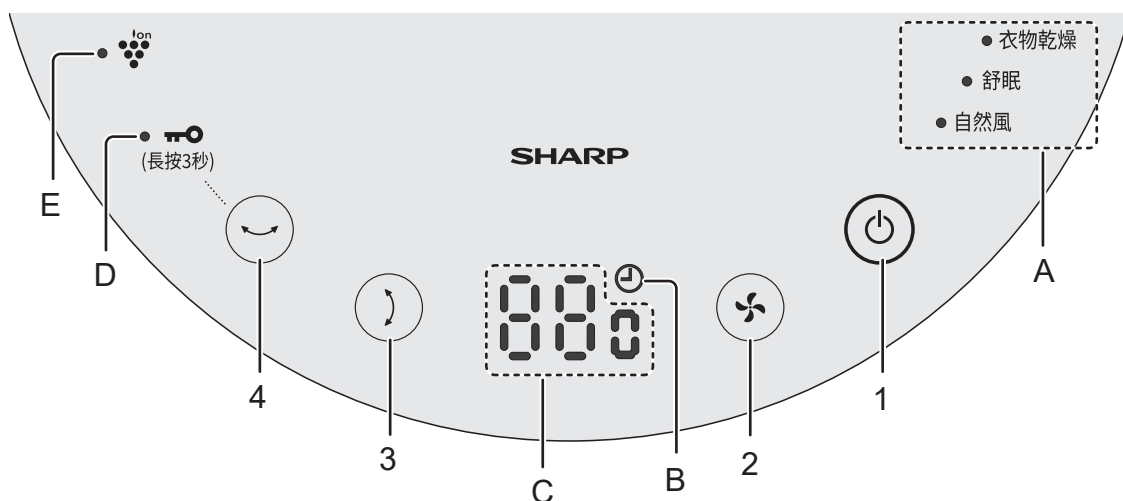
Accessory



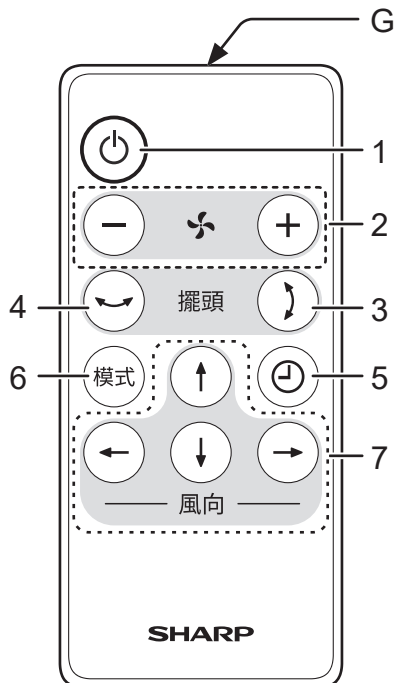
No.	Name
1	Front Guard
2	Operation Panel
3	Remote Control Sensor
4	Base
5	AC Adapter Terminal
6	Power Cord
7	AC Adapter Connector
8	AC Adapter The shape of the AC Adapter may vary depending on the country.

No.	Name
9	Spinner Cap
10	Blades
11	Plasmacluster Ion Generating Unit
12	Unit Cleaning Brush
13	Rear Guard
14	Screws (2 places)
15	Remote Control It contains a trial-use battery (Type: CR2025).

Operation Panel



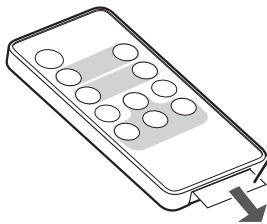
Remote Control



Operation Panel	Remote Control	Name
1	1	Power Button
2	2	Air Volume Button
3	3	Vertical Oscillation Button
4	4	Horizontal Oscillation Button (The button on the Operation Panel also functions as the Child-Lock Button.)
-	5	Timer Button
-	6	Mode Button
-	7	Airflow Direction Button
A	-	Mode Lamp
B	-	Timer Lamp
C	-	Display Displays the air volume, oscillation angle, and timer duration.
D	-	Child-Lock Lamp
E	-	Plasmacluster Ion Lamp
-	G	Remote Control Transmitter

About the Remote Control

Preparation



Pull out the insulation sheet.

- The included battery is for trial purposes and may be depleted in a short period.

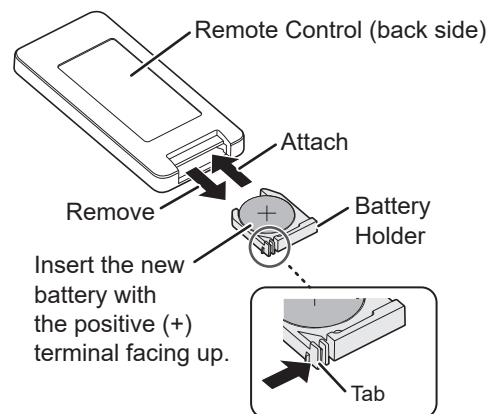
How to Replace the Battery (Battery type: CR2025)

(1) Flip the Remote Control.

Press the tab on the battery holder to pull it out, and then remove the used batteries.

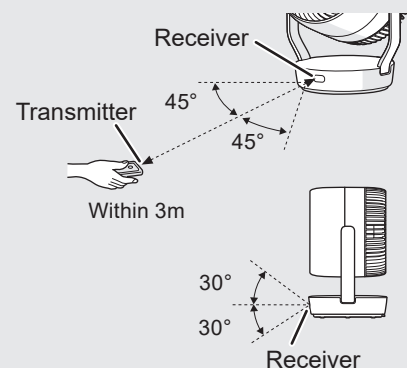
(2) Insert the new battery into the battery holder, and then attach the battery holder to the Remote Control.

- Insulate used batteries with tape, etc., and dispose of them according to local waste disposal regulations.



NOTE

- Point the Remote Control's transmitter at the Main Body's receiver to operate.
- When the battery is low, the operating range of the Remote Control will become narrower.
- The remote control may not work in the following cases.
 - When there is an obstacle between the remote control and the receiver.
 - When the receiver is exposed to direct sunlight or strong lighting.
- Remove the battery when not using for an extended period. (It prevents malfunction due to battery leakage.)



About Installation

After confirming that there are no objects that the Main Body will hit when it oscillates, place the Main Body on a level floor or desk for use.

Do not place the Main Body out of reach.

Precautions for Use

- If the product causes interference with the reception of radio, television or radio-controlled clocks, then increase the distance between the product and the device in question.
- Do not use products containing fluororesin or silicone (cosmetics, hair care products, etc.,) near this product. The fluororesin or silicone could get stuck inside this product, and cause Plasmacluster Ions cannot be generated.

How to Operate

Start/Stop

Main Body

Remote Control



- Starts operation in Continuous Operation mode (constant airflow).

Memory Function

The settings for the following items are stored until the next time the AC Adapter is unplugged.

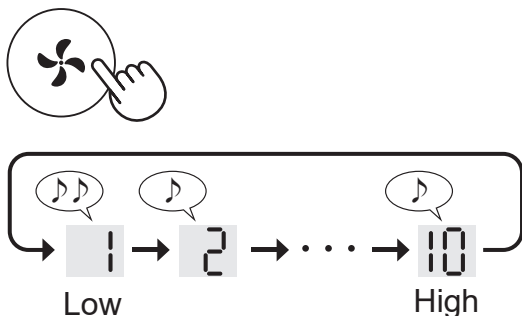
- Continuous Operation mode, Sleep mode, Laundry Dry mode, Child-Lock, Operation sound, Light control, Plasmacluster Ion

When the AC Adapter is unplugged or in the event of a power outage, the settings will revert to the initial settings.

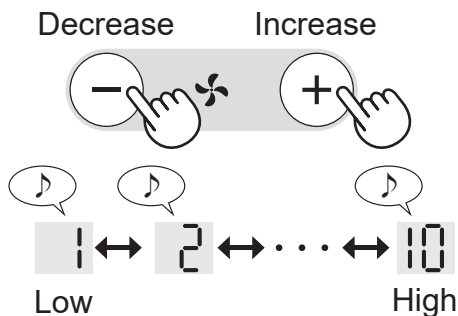
- Initial Settings
 [Continuous Operation mode: Air Volume 1, Oscillation stopped]
 [Sleep mode: OFF timer 1 hour]
 [Laundry Dry mode: Air Volume 10, OFF timer 9 hours, Left/Right oscillation 90°, Upward 50° (fixed)]
 [Child-Lock: Unlocked]
 [Operation sound: On]
 [Light control: Bright]
 [Plasmacluster Ion: On]

Air Volume Setting

Main Body



Remote Control

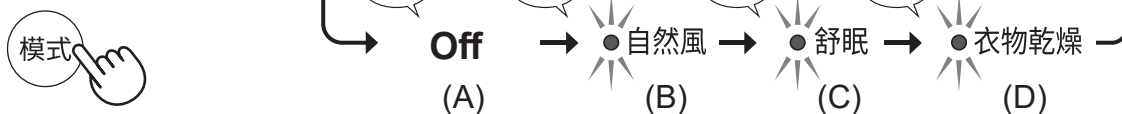


NOTE

- While the timer is active, the Display will return to the remaining timer operation time 8 seconds after setting the air volume.
- If the adjustable range for airflow is exceeded by pressing the Air Volume Button on the remote control, an invalid operation notification sound ("beep beep beep") will be heard.

Operation Mode Setting

Remote Control



(A) Continuous Operation Mode

Operates with a constant airflow.

(B) Natural Breeze Mode

The airflow changes with a high-low rhythm.

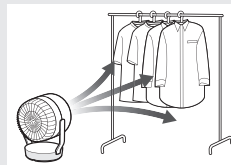
(C) Sleep Mode

The indicator lamp dims, the airflow gradually decreases in conjunction with the OFF timer, and operation stops automatically.

- Displays the remaining time on the OFF timer. The OFF timer duration can be changed, but it cannot be canceled.

(D) Laundry Dry Mode

Blows air onto the laundry and automatically stops operation with the OFF timer.



- After plugging in the AC Adapter, it will operate with the following initial settings.
[Airflow 10, OFF timer 9 hours, Left/Right oscillation 90°, Upward 50° (fixed)]
- Displays the remaining time on the OFF timer. The OFF timer duration can be changed, but it cannot be canceled.
- Please adjust the oscillation angle so that the air flows over the laundry.
Drying may be less effective in areas where the air does not reach well or when there is a large amount of laundry.
- The Plasmacluster Ion can not be turned "OFF".

How to Adjust the Airflow Direction

NOTE

- Do not stop the oscillation or adjust the airflow direction by hand while holding the guard. (It may cause injury or malfunction)

About Oscillation Angle Position Alignment

After plugging the AC Adapter into an outlet, the oscillation angle position alignment is performed the first time any of the following operations are performed during operation.

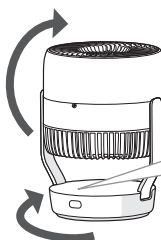
Operations that perform position alignment

Press the Vertical Oscillation Button / Press the Horizontal Oscillation Button / Press the Airflow Direction Button / Operate in Laundry Dry Mode

During position alignment, the airflow direction will temporarily move to the far left or straight up, and oscillation will stop. (For a maximum of about 30 seconds)

NOTE

- The airflow direction cannot be adjusted during position alignment.



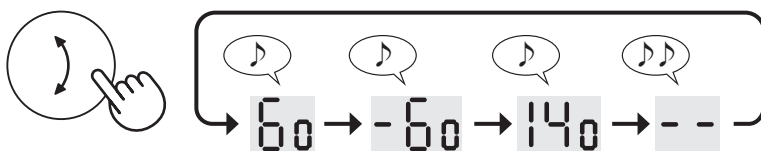
Display during position alignment



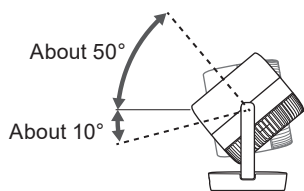
Vertical Oscillation

Main Body

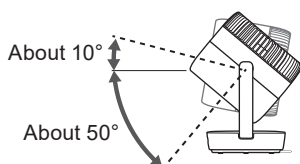
Remote Control



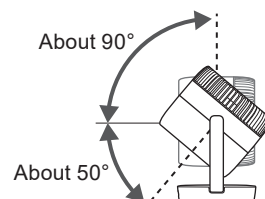
Stop Vertical Oscillation



60 Upward



-60 Downward

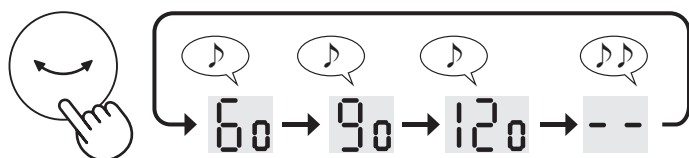


140 Up/Down

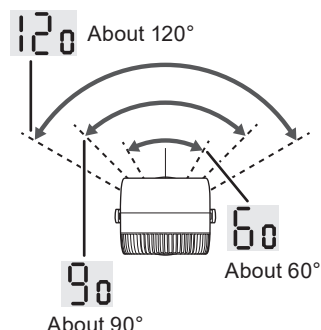
Horizontal Oscillation

Main Body

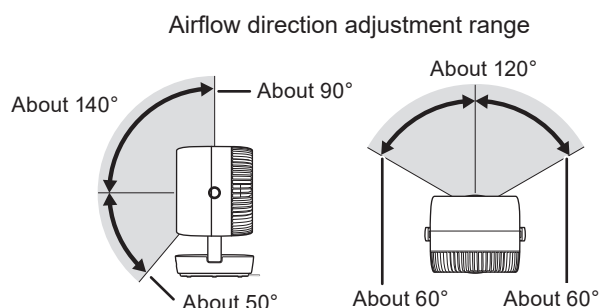
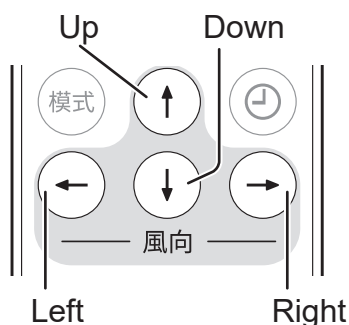
Remote Control



Stop Horizontal Oscillation



Set the Airflow Direction to the Desired Position



Press and hold the Airflow Direction Button to move the airflow direction in the direction of the arrow on the button.

When you release your finger from the Airflow Direction Button, the airflow direction stops moving.

Pressing the Airflow Direction Button during oscillation will stop the oscillation.

NOTE

- If the Airflow Direction Button is pressed beyond the settable range, an invalid operation notification sound ("beep beep beep") will be heard.

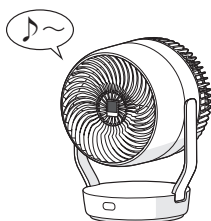
Set the Airflow Direction to the Front

Remote Control

(While operation is stopped)

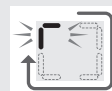


Press 3 sec.



Press the Mode Button for 3 seconds to align the oscillation angle position, and then the airflow direction will return to the front.

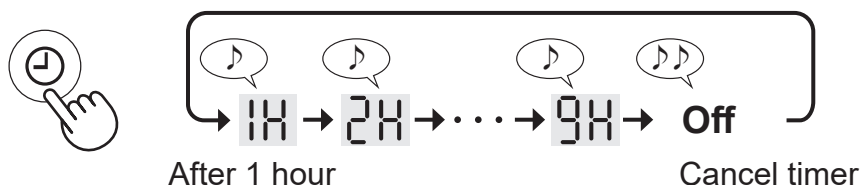
- The Display shown in the figure on the right will be shown until the airflow direction returns to the front.



How to Configure Other Settings

Timer Operation

Remote Control



(Blinking)



Setting



Setting completed

- The timer setting will be automatically completed 8 seconds after the Timer Button operation is finished.

OFF Timer

- Set the timer during operation. When the set time is reached, the operation will automatically stop.

ON Timer

- Set the timer while the operation is stopped. When the set time is reached, the operation will automatically start.
- After setting the ON timer, the following items can be changed. (However, the airflow direction cannot be changed)
Air Volume/Oscillation angle/Plasmacluster Ion

NOTE

- While the timer is active, the Timer Lamp will light up and display the remaining time on the timer. You can also change the timer time and cancel it.
- In the following cases, the timer will be canceled.
Pressing the Power Button/Unplugging the AC Adapter/During a power outage

Light Control

Main Body

Remote Control

(During operation)



Press 3 sec.



Dim ↔ Bright

Switching the Operation Sound

Remote Control

(During operation)



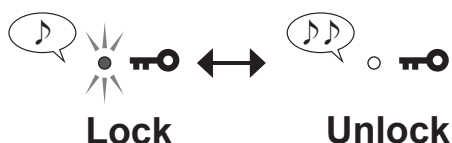
Press 3 sec.



Off ↔ On

Child-Lock

Main Body



NOTE

- While the child lock is active, you can only unlock and stop the operation.

Switching Plasmacluster Ion

Remote Control

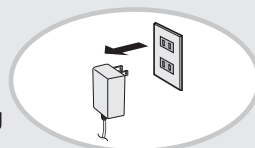
(During operation)



How to Maintain

NOTE

- Make sure to turn off and unplug the Main Body before cleaning it.
- Do not use detergents other than those that are mentioned in this manual. Do not clean the product with volatile fluids. (Benzine, paint thinner, polishing powder or grease, etc.)
Using these items may cause damage or discoloration of the product.
- If used for a long period, dust or moisture may accumulate between the AC Adapter and the power outlet. Unplug the AC Adapter and then wipe off any dust or moisture with a dry cloth.
- Periodically clean the Plasmacluster Ion Generating Unit. (To ensure a stable release of high-concentration Plasmacluster Ion)

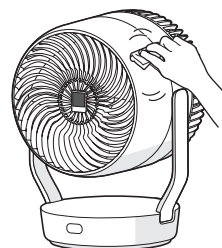


Main Body Surface

When dirt is noticeable

Remove dust gently from the Main Body using a cleaning tool such as a vacuum cleaner. Then, wipe the Main Body with a dry, soft cloth.

- If the unit is very dirty, wipe the dirt off with a cloth dampened with lukewarm water, then dry the Main Body thoroughly.



Inside the Main Body

(Front Guard, Rear Guard, Blades, Plasmacluster Ion Generating Unit)

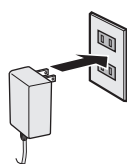
When dirt is noticeable (Plasmacluster Ion Generating Unit: once every 6 months)

About Maintenance Mode (To exit the mode, unplug the AC Adapter)

Be sure to use maintenance mode when installing/removing the Front Guard Screw. You can safely switch the Front Guard to the upward/forward position while the Blades are stopped.

(1) How to Set

After plugging in the AC Adapter and waiting for 3 seconds or more, press the Air Volume Button for 5 seconds.



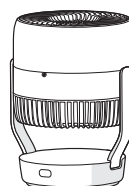
(After 3 seconds or more have elapsed)

Main Body

(While operation is stopped)



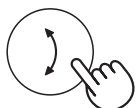
Press 5 sec.



The Front Guard turns upward.

(2) Operations in Maintenance Mode

Main Body



Remote Control



Upward



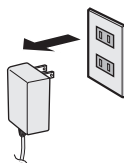
Forward

Display during maintenance mode



(3) How to Exit

Unplug the AC Adapter.



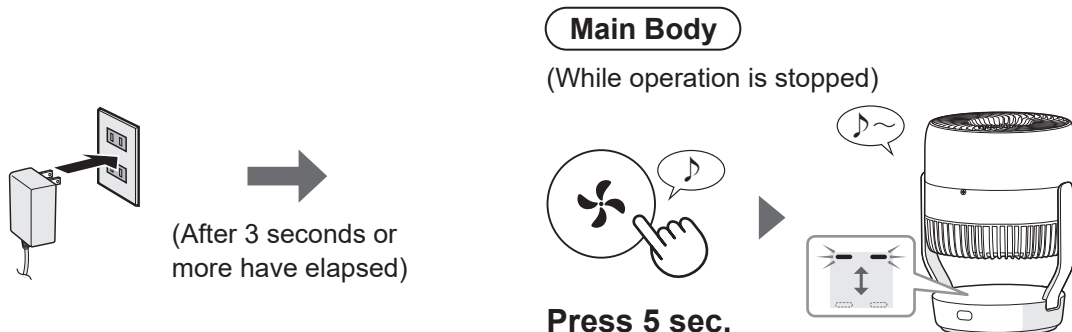
NOTE

- If you want to stop the Main Body's operation midway, press the Power Button.
- In maintenance mode, only the Vertical Oscillation Button and the Power Button can be used.

1. Remove the Front Guard Screw

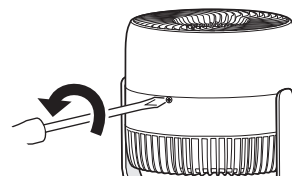
(1) Plug in the AC Adapter, and after 3 seconds or more have elapsed, enter maintenance mode.

- The Front Guard will turn upward.



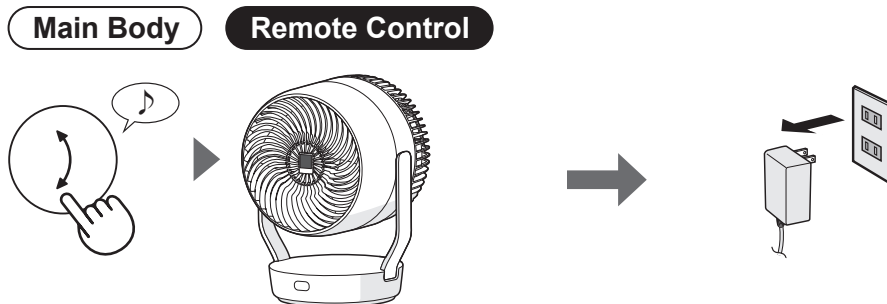
(2) Remove the Screw

- After the Front Guard stops, remove the Screw.



(3) Turn the Front Guard to the forward position, then unplug the AC Adapter.

- When the AC Adapter is unplugged, maintenance mode is exited.



NOTE

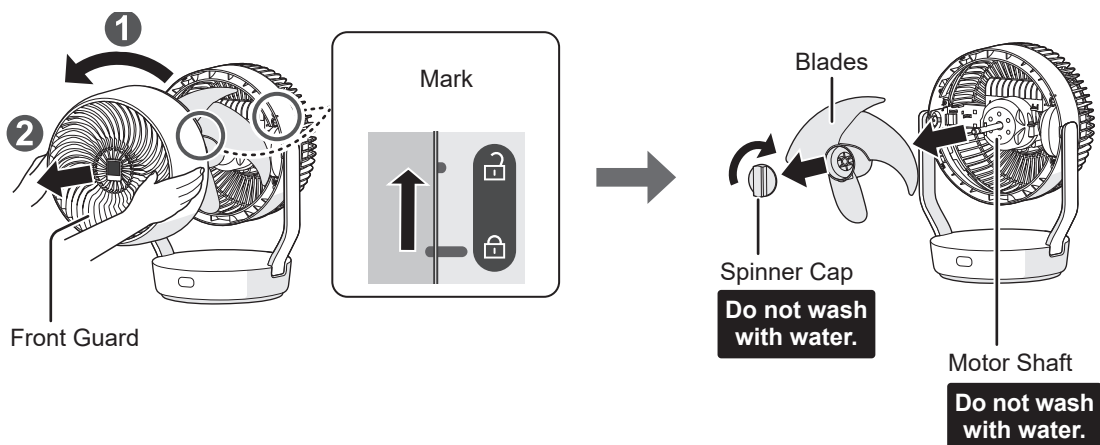
- Be sure to unplug the AC Adapter before removing the internal parts of the Main Body. (It may cause injury, damage, or malfunction)

2. Remove the Front Parts

(1) Turn the Front Guard in the direction of the arrow to remove it.

- Remove it while the AC Adapter is unplugged.

(2) Loosen the Spinner Cap and remove the Blades.



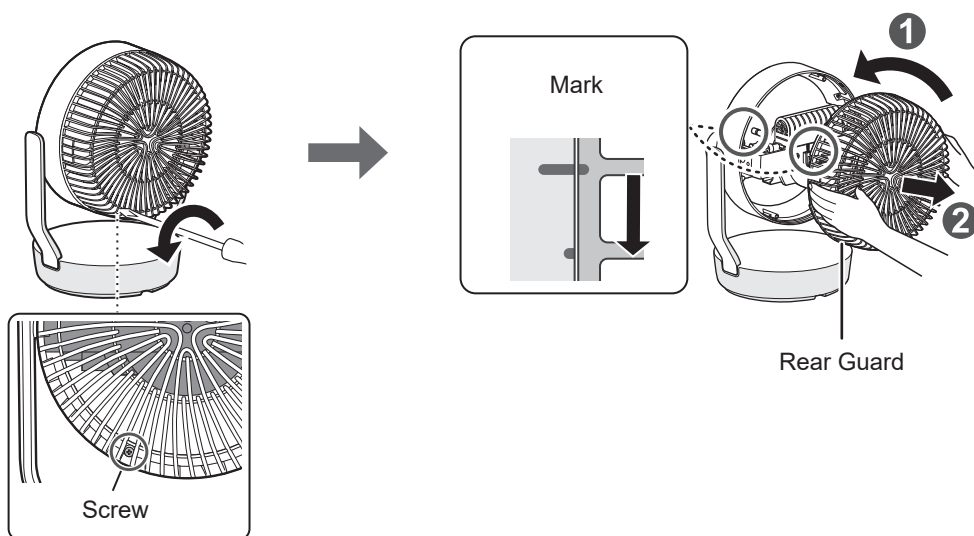
3. Remove the Rear Guard

(1) Remove the Screw.

- Remove it while the AC Adapter is unplugged.

(2) Turn the Rear Guard in the direction of the arrow to remove it.

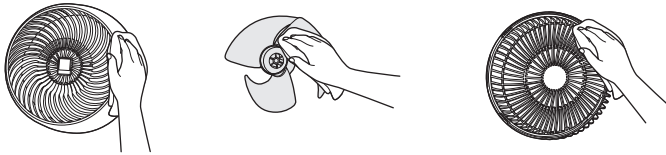
- If there is dust inside, gently vacuum it up.



4. Maintaining the Main Body

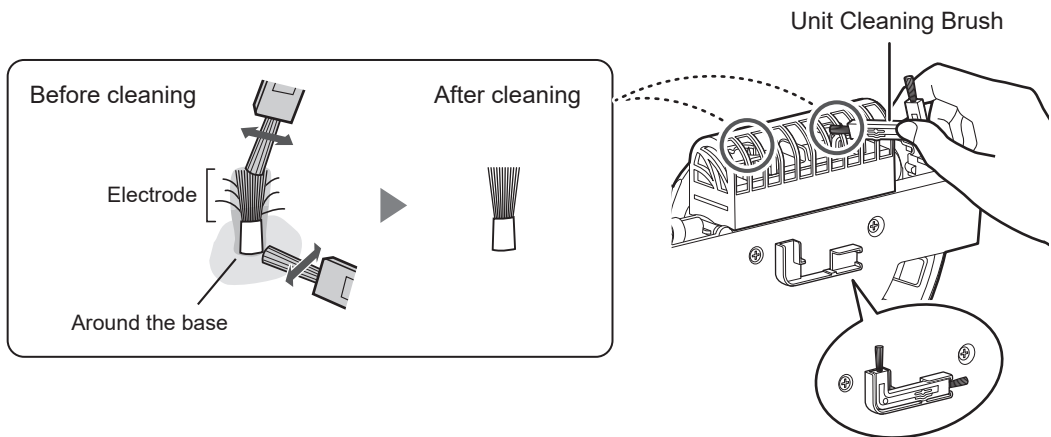
(1) Wipe dirt off the Front Guard, Blades, and Rear Guard with a soft cloth.

- If heavily soiled, it can be washed with water. (Do not use detergent)
Dry them thoroughly before attaching them to the Main Body.
- Do not rub the motor shaft hard.



(2) Remove dust from the electrode section of the Plasmacluster Ion Generating Unit with the included Unit Cleaning Brush or a commercially available cotton swab

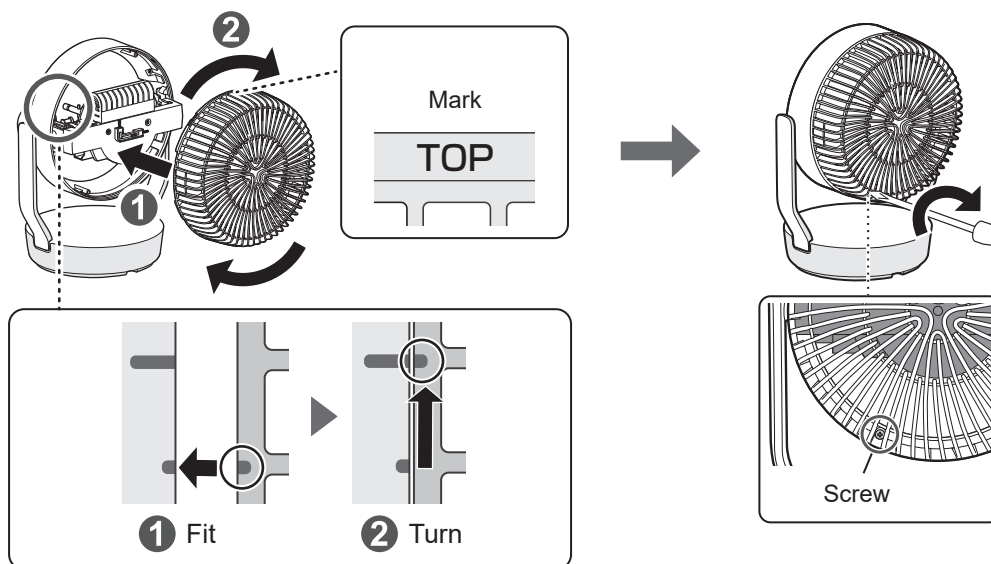
- The illustration and the actual shape of the electrode section may differ. Also, a part of the electrode may break off during cleaning. In either case, there is no problem with performance.



5. Attach the Rear Guard

(1) Turn the Rear Guard in the direction of the arrow to attach it.

(2) Install the Screw.

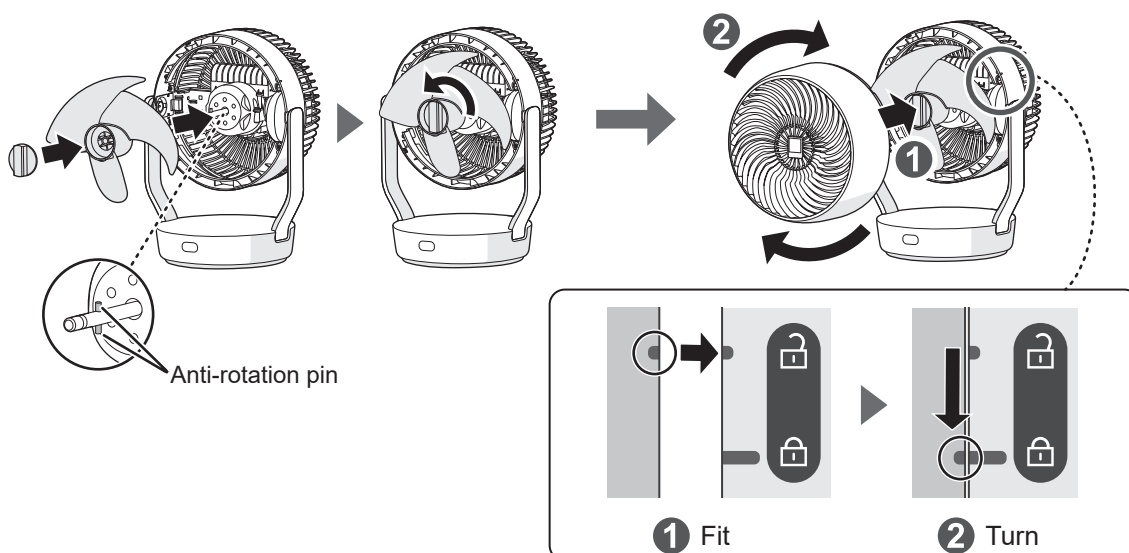


6. Attach the Front Parts

(1) Attach the Blades and tighten with the Spinner Cap.

- Align the recess on the back of the Blades with the motor shaft's anti-rotation pin and insert it.

(2) Turn the Front Guard in the direction of the arrow to attach it.



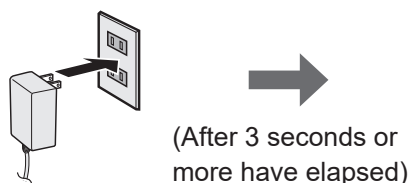
7. Install the Front Guard Screw

NOTE

- After confirming that the Front Guard and Rear Guard are correctly attached, plug the AC Adapter into the power outlet. (It may cause injury, damage, or malfunction.)

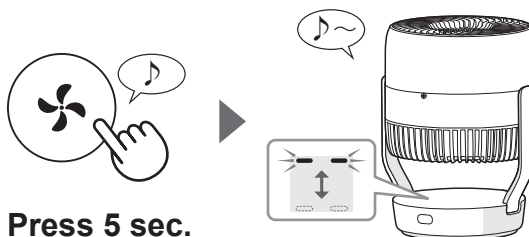
(1) Plug in the AC Adapter, and after 3 seconds or more have elapsed, enter maintenance mode.

- The Front Guard will turn upward.



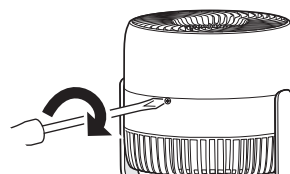
Main Body

(While operation is stopped)



(2) Install the Screw.

- After the Front Guard stops, install the Screw.

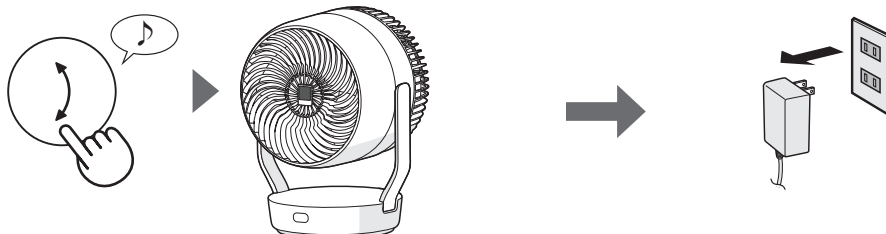


(3) Turn the Front Guard to the forward position, then unplug the AC Adapter.

- When the AC Adapter is unplugged, maintenance mode is exited.

Main Body

Remote Control



Troubleshooting

Before calling for service helpline, please review the Troubleshooting list below, since the problem may not be the product malfunctioning.

The Blades do not rotate even when the Power Button is pressed.

- Are the Blades contacting the guard? (Page 17)

A "beep beep beep" sound is heard when a button is pressed, and the operation cannot be performed.

- Are you performing an invalid operation? If you perform an invalid operation, a "beep beep beep" notification sound will be heard.

The Remote Control does not work.

- Please check the following: (Page 6)
 - Is the insulation sheet still attached?
 - Are you aiming it at the receiver?
 - Are the Remote Control batteries old? Please replace them with new batteries. (The included batteries are for trial purposes and may be depleted in a short period)
 - Is the battery orientation (positive/negative terminal) incorrect?

Abnormal sound.

- Are the Blades and guard securely attached? (Page 17)
- Are the Blades contacting the guard? (Page 17)

The airflow direction does not move in the direction of the arrow on the Airflow Direction Button when the button is pressed.

- The airflow direction moves after the oscillation angle position is aligned. This is not a malfunction. (Page 9)

The oscillation stops temporarily during oscillation.

- The oscillation angle is being aligned. This is not a malfunction. (Page 9)
- If it does not oscillate after waiting for 2 minutes or more, immediately unplug the AC Adapter from the outlet and contact the Sharp Service Center.

The oscillation angle is misaligned.

- Did you adjust the oscillation angle by hand? Press the Mode Button for 3 seconds while operation is stopped to return the airflow direction to the front, then restart the operation. (Page 10)

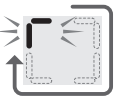
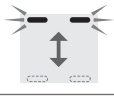
AC Adapter is hot.

- The AC Adapter may become hot, but this is not a malfunction. If it becomes too hot to hold, stop the operation, unplug the AC Adapter from the outlet, and contact the Sharp Service Center.

Want to turn off the operation sound.

- See page 11 for how to turn off the operation sound.

The following is displayed.

Display	Description
	The oscillation angle is being aligned. (For a maximum of about 30 seconds) (Page 9)
	It is in maintenance mode. (Page 13)
	Are the Blades not securely fixed due to they colliding with the guard or foreign objects entering? Unplug the AC Adapter, remove the cause, and then operate again. (Page 14 - 18)
	Unplug the AC Adapter and then operate again.

Specifications

Model		PK-18S3A
		AC Adapter*1
Power Supply	Rated Input	AC 100-240 V 50/60 Hz 1.2 A
	Rated Output	DC 24V 2.0 A
Recommended Room Size for Air Circulation*2 (m²)		Approx. 50
High Density Plasmacluster Ion Recommended Room Size*3 (m²)		Approx. 17
Rated Power (W)	Maximum Airflow*4	20
	Minimum Airflow*5	2.0
Oscillation Angle (Auto)*6		[Upward] Approx. 60° [Downward] Approx. 60° [Up/Down] Approx. 140° [Left/Right] Approx. 60° / Approx. 90° / Approx. 120°
Airflow Direction Adjustment Range		[Up/Down] From approx. 90° up to approx. 50° down [Left/Right] From approx. 60° left to approx. 60° right
Dimensions (mm)		Width 253 × Depth 197 × Height 329
Weight (kg)		Approx. 2.6
Cord Length (m)		Approx. 1.8

*1 This AC Adapter is a non-inherently short circuit proof transformer.

*2 The recommended room size for air circulation is provided as a reference based on our company's standard (air volume). Actual performance may vary depending on the environment.

*3 Room size in which approximately 50000 ions per cubic centimeter can be measured in the center of the room at a height of approximately 1.2 meters from the floor when the product is placed next to a wall and is running at MAX settings.

*4 With up/down and left/right oscillation

*5 Without up/down and left/right oscillation

*6 [Upward] From approx. 50° up to approx. 10° down / [Downward] From approx. 10° up to approx. 50° down / [Up/Down] From approx. 90° up to approx. 50° down

感謝您購買 SHARP 3D 空氣循環扇。
在使用空氣清淨機前，請詳細閱讀本使用說明書。
請將本使用說明書保存於方便隨時查閱的地方。

目錄

重要安全事項	2
產品概覽	4
關於設定	7
操作方法	7
風向調整方法	9
其他設定方法	11
清潔與維護	12
故障排除	19
規格	20

重要安全事項

使用本產品之前，請閱讀並保存本說明書。

使用電器時，應隨時遵守基本安全注意事項以降低火災、觸電和人員受傷的風險，包括：

警告

1. 本電器不適合供生理、感官或心理能力有限或缺乏經驗和知識的人（包括兒童）使用，除非由負責其安全的人監督或指導他們使用電器。
應監督兒童以免他們玩弄本電器。
2. 請勿在幼兒可觸及的範圍內使用本產品。（這可能會導致觸電或受傷等）
3. 請將遙控器存放於嬰幼兒無法觸及之處。（可能會因誤操作導致身體不適或誤吞電池）
4. 請勿自行修理或拆解產品。
5. 如果電源線、AC 電源供應器或產品故障或損壞，切勿操作產品。
必須由製造商或 SHARP 授權服務中心或具備類似資格的服務代理商更換、修理或丟棄，以避免任何危害。
如有任何問題、需要調整或維修，請聯絡當地服務中心。
6. 下列 AC 電源供應器零件無法更換。如果破損，請更換新的 AC 電源供應器。
 - 電源線
 - 插頭上的插片
 - 保險絲
7. 關於 AC 電源供應器，請遵守以下事項。（可能會導致火災、觸電、故障、受傷或燒傷）
 - a. 僅可使用 220V 的交流電源插座。
 - b. 務必使用隨附的 AC 電源供應器。
 - c. 發生以下情況時，務必先停止運轉，再拔下 AC 電源供應器。
 - 移動主機之前
 - 清潔主機之前
 - 主機未使用時
 - d. 請勿損傷、加工、過度彎折、拉扯、扭曲、捆紮或擠壓電源線。
 - e. 請勿在電源線上放置重物。
 - f. 請勿使用已損壞的 AC 電源供應器、電源線，以及插接鬆動的插座。
 - g. 請勿使用多路分接線。
 - h. 請勿用濕手插拔 AC 電源供應器。
 - i. 插入 AC 電源供應器時，請將其完全插入插座深處。
 - j. 拔出 AC 電源供應器時，請務必握住 AC 電源供應器本體及連接器進行拔除。
 - k. 請勿長時間觸摸 AC 電源供應器。
 - l. 請定期清除附著於 AC 電源供應器的灰塵等。
8. 請勿將風吹向暖爐等燃燒設備。（可能會導致一氧化碳中毒）
9. 請勿將主機浸入水中或用淋水。（可能會導致觸電、短路、受傷等）
10. 請勿將金屬物品（例如：別針或鐵絲）等異物插入主機的縫隙中。（可能會導致觸電、短路、故障）

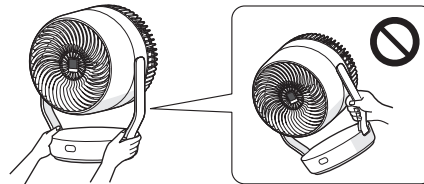
11. 將葉片與前護網安裝到主機時，請先用旋鈕將葉片牢固鎖緊，再將前護網穩固安裝。(可能會導致受傷或故障)
12. 請勿將電池的正負極反向裝入遙控器。(可能會導致漏液、發熱、破裂或起火)
13. 請勿將遙控器置於水中或火中。此外，請勿對遙控器進行充電、加熱或拆解。(可能會導致漏液、發熱、破裂或起火)
14. 請勿將智慧型手機等精密儀器或磁卡等靠近遙控器。(可能會導致機器記錄損毀或機器無法使用)
15. 由於遙控器內建磁鐵，正在使用心臟起搏器等醫療電子儀器的人士，請小心操作。(可能會導致醫療儀器誤操作)

注意

1. 請勿在以下場所使用本產品。(可能會導致觸電、火災、損壞、故障、受傷)

- 瓦斯爐等會接觸到火焰的地方
- 室外或陽光直射的地方
- 有易燃氣體的地方
- 會淋到雨或濺到水的地方
- 浴室等高溫、潮濕的地方
- 油污、灰塵、金屬粉塵多的地方
- 不穩固或靠近障礙物的地方

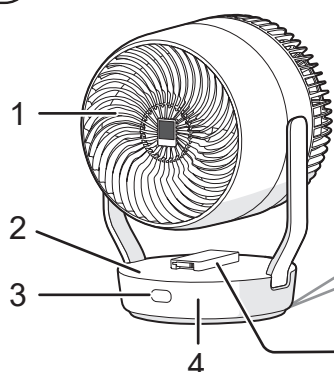
2. 移動主機時，請握住底座搬運。
(可能會導致受傷、損壞或刮傷地板)



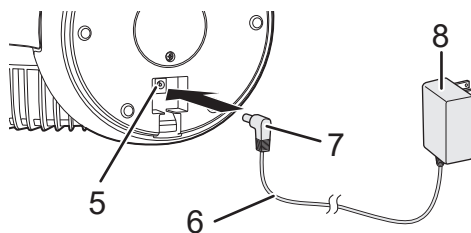
3. 請將主機安裝於不會掉落衣物，且窗簾或繩索等物品不會纏繞的地方。(可能會導致受傷、故障)
4. 衣物烘乾時，請將衣物充分脫水，避免水滴滴落到主機上。(可能會導致觸電、漏電、故障)
5. 請勿長時間將風直吹身體。(可能會導致身體不適、危害健康)
6. 請勿將手指等伸入護網內或活動部件中。運轉中及設定定時開機時，請勿觸摸葉片或護網。(可能會導致受傷、故障)
7. 請勿用手調整擺頭角度。(可能會導致受傷、故障)
8. 請勿在未將葉片和護網安裝到主機上的情況下運轉。(可能會導致受傷、故障)
9. 當主機發生異常震動時，請停止使用。(可能會導致受傷、故障)
10. 請勿將遙控器掉落或使其受到強烈撞擊。(可能會導致漏液、發熱、破裂、起火)
11. 若電池液體濺入眼睛、皮膚或衣物，請立即用清水沖洗並就醫諮詢。(可能會對眼睛或皮膚造成傷害)

產品概覽

主機



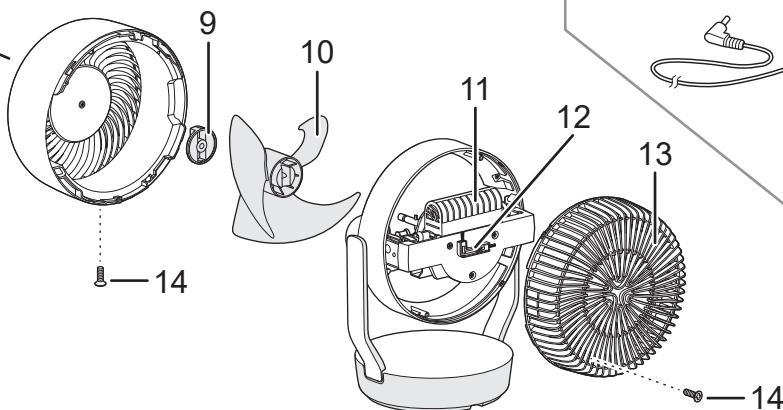
底座（反面）



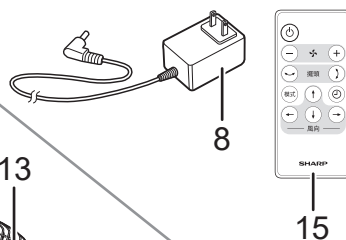
可將遙控器（附磁鐵）安裝於底座。

拆解圖

前方



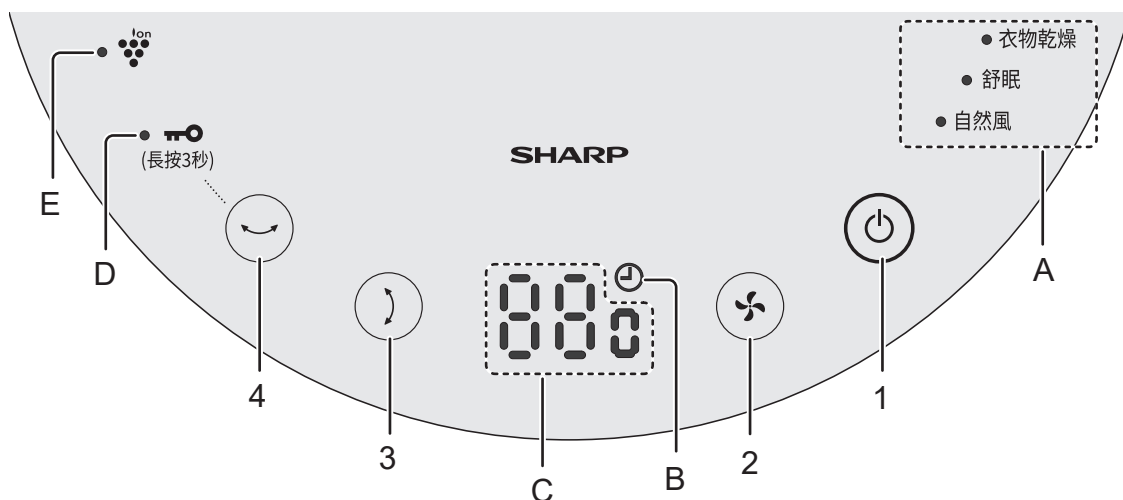
配件



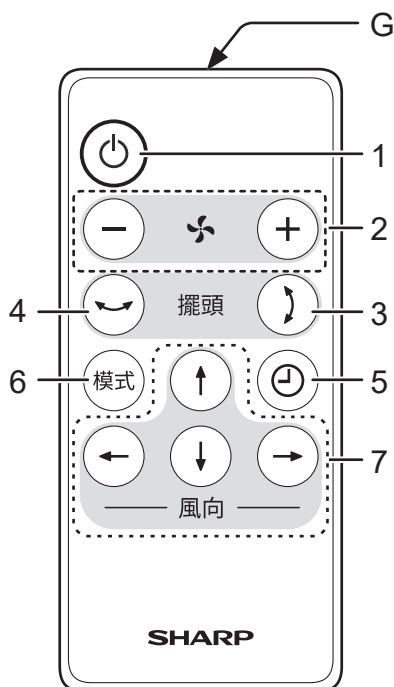
主機	名稱
1	前護網
2	操作面板（第 5 頁）
3	接收器視窗
4	底座
5	AC 電源供應器端口
6	電源線
7	AC 電源供應器接頭
8	AC 電源供應器 AC 電源供應器的形狀因國家而異。

主機	名稱
9	葉片蓋
10	葉片
11	自動除菌離子產生器元件
12	產生器元件清潔刷
13	後護網
14	螺絲（2 處）
15	遙控器 內有測試用電池。（種類：CR2025）

操作面板



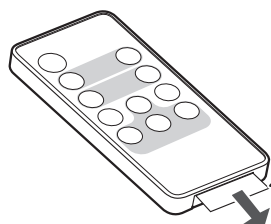
遙控器



操作面板	遙控器	名稱
1	1	電源按鈕
2	2	風量按鈕
3	3	上下擺頭按鈕
4	4	左右擺頭按鈕 (操作面板按鈕兼做兒童安全鎖按鈕之用)
—	5	定時按鈕
—	6	模式按鈕
—	7	風向按鈕
A	—	模式指示燈
B	—	定時指示燈
C	—	顯示區 顯示風量、擺頭角度和定時時間。
D	—	兒童安全鎖指示燈
E	—	自動除菌離子指示燈
—	G	遙控器訊號發送區

關於遙控器

準備



拉出絕緣片。

- 附屬電池為測試用，電力有可能在短期間耗罄。

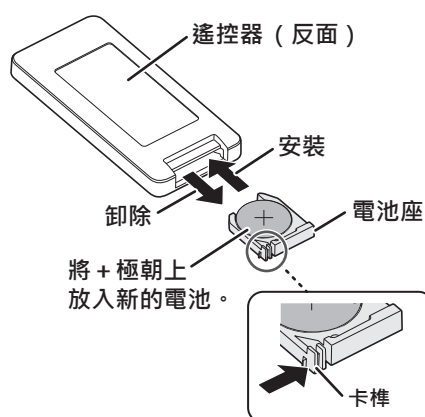
電池更換方法

(電池的種類：CR2025)

- (1) 將遙控器翻面。
一邊壓住卡榫一邊拉出電池座。
取出舊電池。

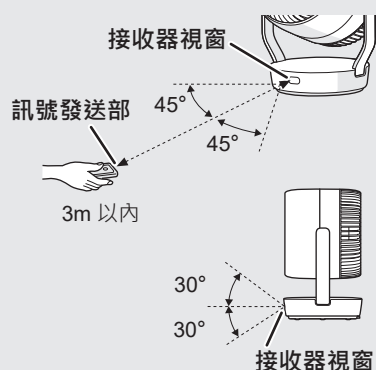
- (2) 將新的電池放入電池座。
將電池座安裝於遙控器。

- 用膠帶對已用完的電池進行絕緣，
再依循所在地的垃圾分類法廢棄。



注意

- 將遙控器的訊號發送部朝向主機接收器視窗進行操作。
- 電池電量過低時，會縮窄遙控器的可操作範圍。
- 遇到以下情況時，有可能無法操作遙控器。
 - 遙控器和接收器視窗之間有障礙物時
 - 接收器視窗直接照射陽光或強烈照明時
- 長期間不使用時，需取出電池。
(否則可能會因電池漏液而故障)



關於設定

主機擺頭時，請確認周圍無碰撞物之後，將主機放置在水平地面或桌上使用。
不將主機放置在手無法拿取之處。

使用注意事項

- 如果產品對無線電、電視或無線電控制時鐘的接收造成干擾，請增加產品與相關裝置之間的距離。
- 請勿在本產品附近使用含有氟樹脂或矽氧樹脂的產品（化妝品、護髮產品等）。氟樹脂或矽氧樹脂可能會卡在本產品內部，導致無法產生自動除菌離子。

父母

操作方法

運轉 / 停止

主機

遙控器



- 以連續運轉模式（恆定風量）開始運轉。

記憶功能

直到下一次拔下 AC 電源供應器為止，皆會記憶以下項目的設定內容。

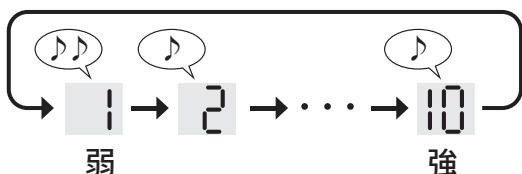
- 連續運轉模式、舒眠模式、衣物乾燥模式、兒童安全鎖、操作音、燈光控制、自動除菌離子

拔下 AC 電源供應器或停電後，會恢復到初始設定。

- 初始設定
 - [連續運轉模式：風量 1、擺頭停止]
 - [舒眠模式：關閉定時 1 小時]
 - [衣物乾燥模式：風量 10、關閉定時 9 小時、左右擺頭 90°、向上 50° (固定)]
 - [兒童安全鎖：解除]
 - [操作音：開]
 - [燈光控制：亮]
 - [自動除菌離子：開]

風量設定

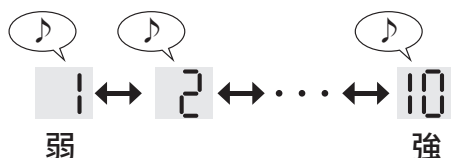
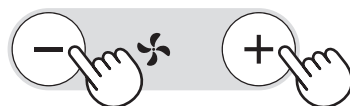
主機



遙控器

減弱

加強

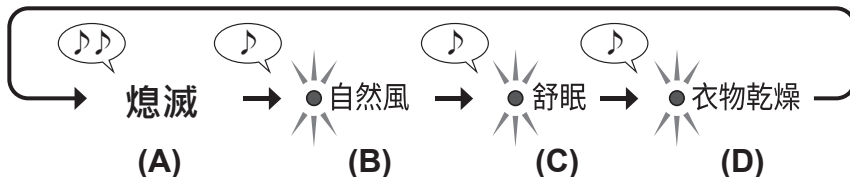


注意

- 在定時設定為開啟的狀態下，設定風量後 8 秒鐘，將恢復顯示定時運轉的剩餘時間。
- 按下遙控器的風量按鈕後，若超出可設定風量的範圍時，將發出操作無效通知聲（「嗶嗶嗶」）。

運轉模式設定

遙控器



(A) 連續運轉模式

風量恆定運轉。

(B) 自然風模式

賦予風量強弱間歇的變化。

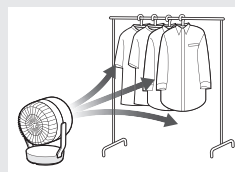
(C) 舒眠模式

顯示燈變暗，與關閉定時聯動，逐漸減弱風量後自動停止。

- 顯示關閉定時的剩餘時間。可變更關閉定時的時間，但無法解除。

(D) 衣物乾燥模式

將風吹送至待乾燥的衣物，並依關閉定時自動停止運轉。



- 插入 AC 電源供應器後，將以下列初始設定進行運轉。
[風量 10、關閉定時 9 小時、左右擺頭 90°、向上 50°（固定）]
- 顯示關閉定時的剩餘時間。可變更關閉定時的時間，但無法解除。
- 請調整擺頭角度，讓風吹向待乾燥的衣物。風不易吹到之處、或待乾燥衣物量多時不易乾燥。
- 自動除菌離子無法設定為「關閉」。

風向調整方法

注意

- 請勿用手握住護網使擺頭停止或調整風向。(否則可能會造成受傷和故障)

關於擺頭角度的位置校準

將 AC 電源供應器插入插座後，並進行以下任一操作運轉時，會自動先校準擺頭角度位置。

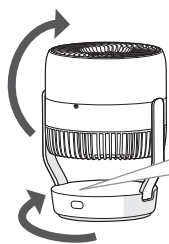
進行對準位置的操作

按下上下擺頭按鈕 / 按下左右擺頭按鈕 / 按下風向按鈕 / 用衣物乾燥模式進行運轉

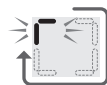
進行位置校準動作時，風扇會先朝左側或正上方轉動。(最長約 30 秒)

注意

- 位置校準過程中，暫時無法調整風向。



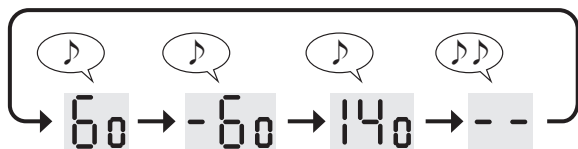
校準位置過程中的顯示



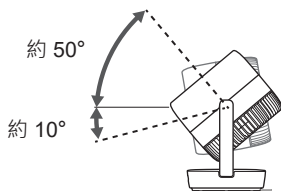
上下擺頭

主機

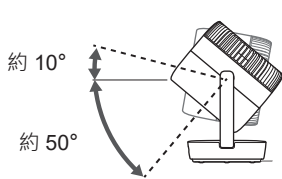
遙控器



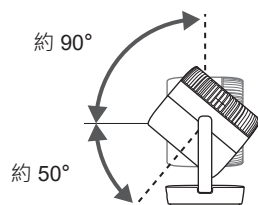
上下擺頭停止



60 向上



-60 向下

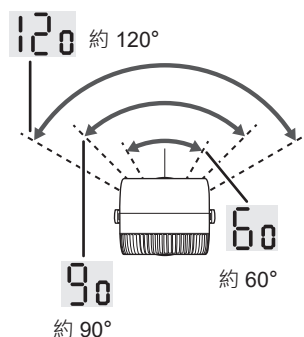
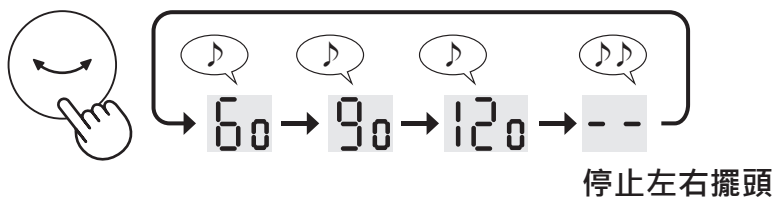


140 上下

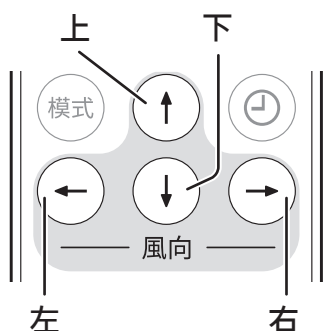
左右擺頭

主機

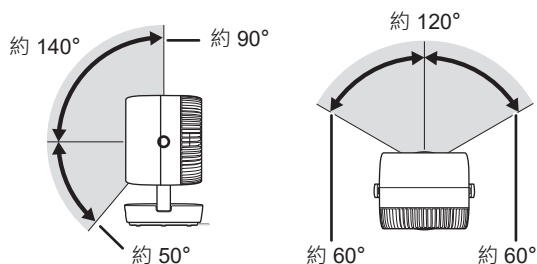
遙控器



將風向設定為想要的位置



風向調整範圍



若持續按著風向按鈕，將朝風向按鈕的箭頭方向移動風向。
手指放開風向按鈕後，即停止移動風向。
在擺頭中按下風向按鈕後，即停止擺頭。

注意

- 按下風向按鈕後，若超出可設定風向的範圍時，會發出操作無效通知聲（「嗶嗶嗶」）。

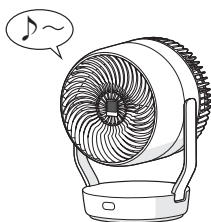
將風向設定為正前方

遙控器

（停止運轉中）

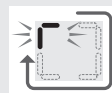


按下 3 秒



按下模式按鈕 3 秒之後，校準擺頭角度的位置，風向即回到正前方。

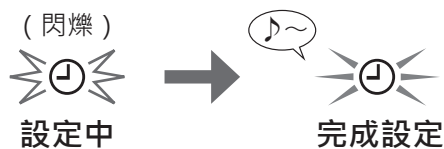
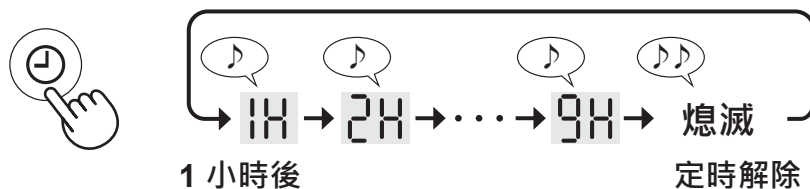
- 風向在回到正前方之前，會進行右圖顯示。



其他設定方法

定時運轉

遙控器



- 結束定時按鈕的操作達 8 秒後，將自動完成定時設定。

關閉定時

- 在運轉中設定定時。到達已設定的時間後，即自動停止運轉。

開啟定時

- 在停止運轉中設定定時。到達已設定的時間後，即自動開始運轉。
- 進行開啟定時設定後，可變更以下項目。（但無法變更風向）
風量、擺頭角度、自動除菌離子

注意

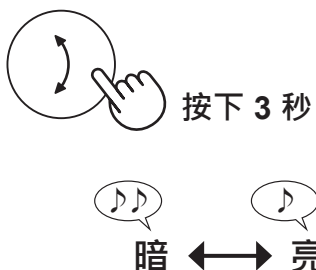
- 在定時作動中，定時指示燈會亮燈，並顯示剩餘的定時時間。此外，可改變和解除定時時間。
- 在以下情況會解除定時。
按下電源按鈕、拔下 AC 電源供應器和停電時

燈光控制

主機

遙控器

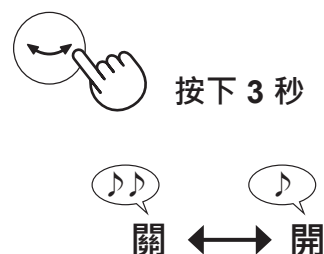
(在運轉中)



切換操作音

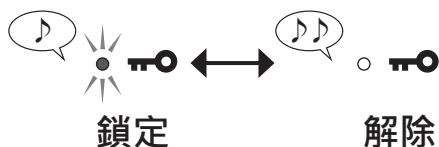
遙控器

(在運轉中)



兒童安全鎖

主機



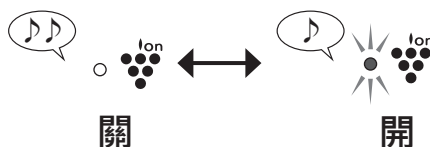
注意

- 兒童安全鎖設定為開啟的狀態下，只能解鎖和停止運轉。

切換自動除菌離子

遙控器

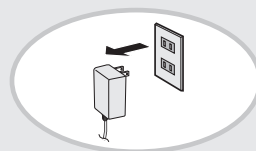
(在運轉中)



清潔與維護

注意

- 保養前，務必停止運轉並拔下 AC 電源供應器。
- 請勿使用本使用說明書中未提及的清潔劑。
請勿使用揮發性流體來清潔產品。(石油精、油漆稀釋劑、拋光粉或潤滑脂等) 使用這些物品可能導致產品損壞或變色。
- 長期使用後，AC 電源供應器和插座之間有時會附著灰塵和水分。
拔下 AC 電源供應器後，請用乾布拭除灰塵和水分。
- 定期保養自動除菌離子產生器元件。(以便能穩定釋出高濃度自動除菌離子)

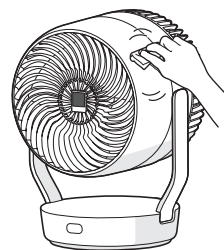


主機表面

在意髒汙時

用吸塵器等輕輕吸除主機表面的灰塵後，再用軟布拭除髒汙。

- 髒汙情況嚴重時，用溫水沾溼的布拭除髒汙後，確實擦乾主機。



主機內部

(前護網、後護網、葉片、自動除菌離子產生器元件)

在意髒汙時 (每 6 個月清理 1 次自動除菌離子產生器元件)

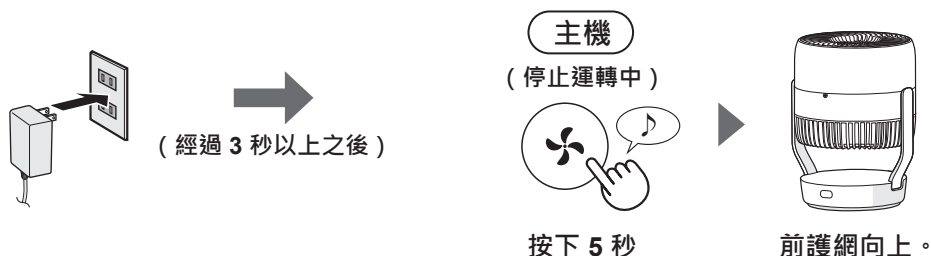
關於維修保養模式 (拔下 AC 電源供應器，即可解除保養模式)

安裝 / 拆卸前護網螺絲時，請務必使用維修保養模式。
葉片可在停止狀態下，將前護網安全切換為向上 / 正前方。

中文

(1) 設定方法

插入 AC 電源供應器 3 秒後，長按風量按鈕 5 秒。

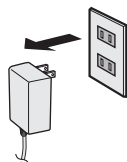


(2) 維修保養模式中的操作



(3) 解除方法

拔下 AC 電源供應器。



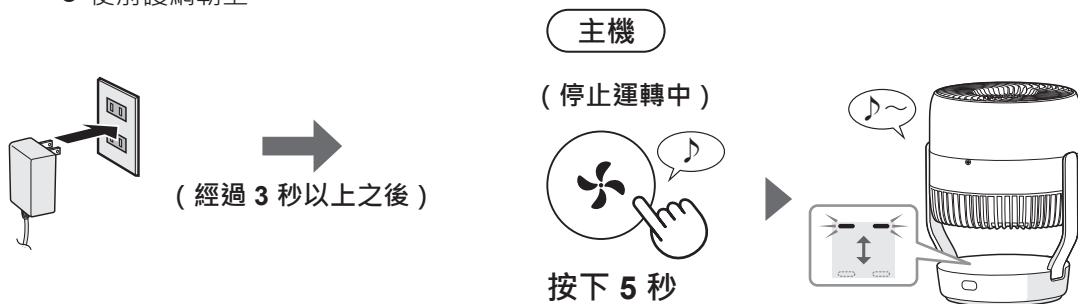
注意

- 欲在中途停止主機的動作時，請按下電源按鈕。
- 在維修保養模式中，只能使用上下擺頭按鈕和電源按鈕。

步驟 1. 卸除前護網螺絲

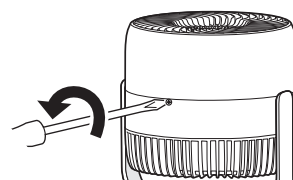
(1) 插入 AC 電源供應器，等待 3 秒以上後進入維修保養模式。

- 使前護網朝上。



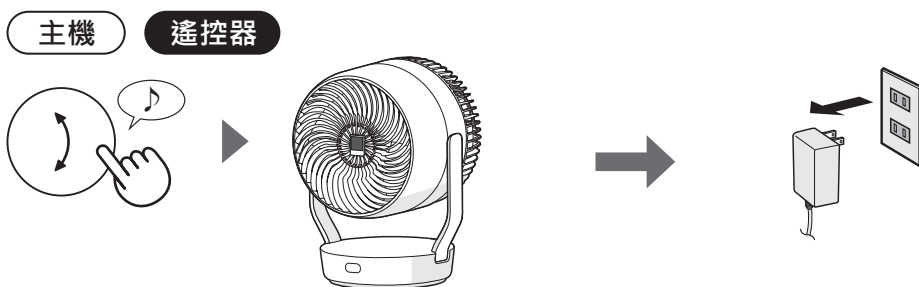
(2) 卸除螺絲。

- 請先停止運轉，再卸除前護網螺絲。



(3) 將前護網朝向正面後，再拔下 AC 電源供應器。

- 拔下 AC 電源供應器後，將解除維修保養模式。



注意

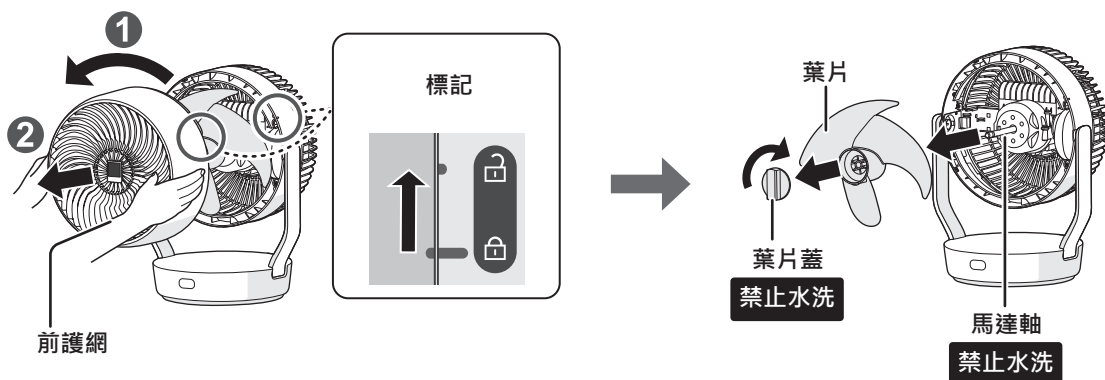
- 卸除主機內部零件前，請務必拔下 AC 電源供應器。(否則可能會造成受傷、破損和故障)

步驟 2. 卸除前側零件

(1) 將前護網轉到箭頭方向卸除。

- 請在拔下 AC 電源供應器的狀態下卸除。

(2) 鬆開葉片蓋，並卸除葉片。



文
冊

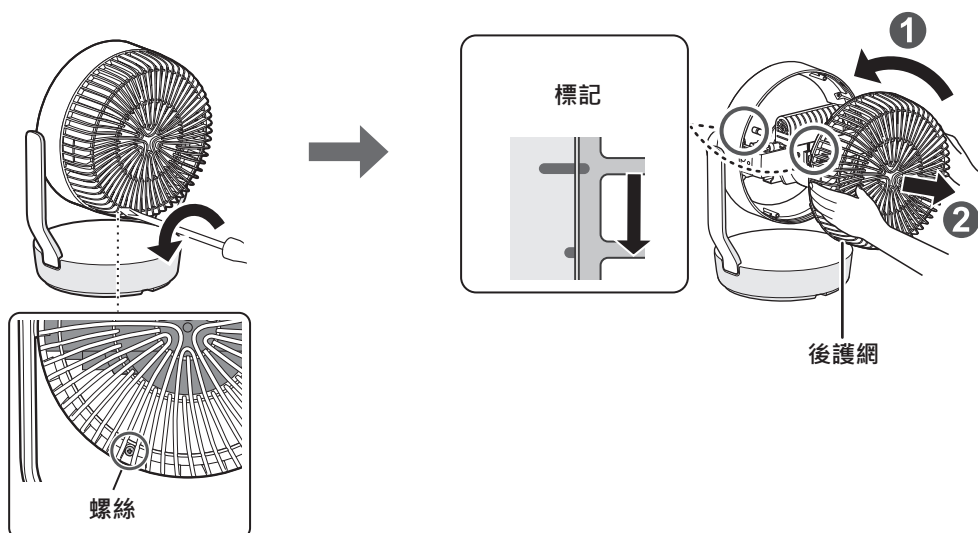
步驟 3. 卸除後護網

(1) 卸除螺絲。

- 請在拔下 AC 電源供應器的狀態下卸除。

(2) 轉到箭頭方向卸除。

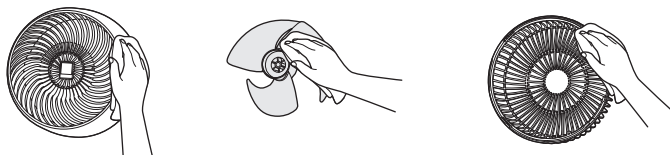
- 內部有灰塵時用吸塵器輕輕吸除。



步驟 4. 進行保養

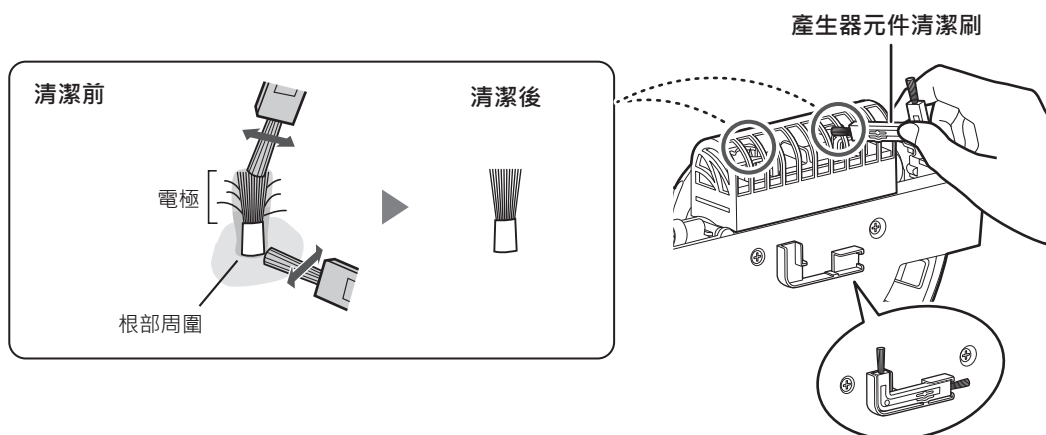
(1) 用軟布拭除前護網、葉片、後護網上的髒汙。

- 髒汙情況嚴重時，可用水沖洗。(請勿使用清潔劑)
安裝於主機之前，請確實擦乾。
- 請不要用力摩擦馬達軸。



(2) 用附屬產生器元件清潔刷或市售棉花棒，拭除自動除菌離子產生器元件電極部位上的灰塵。

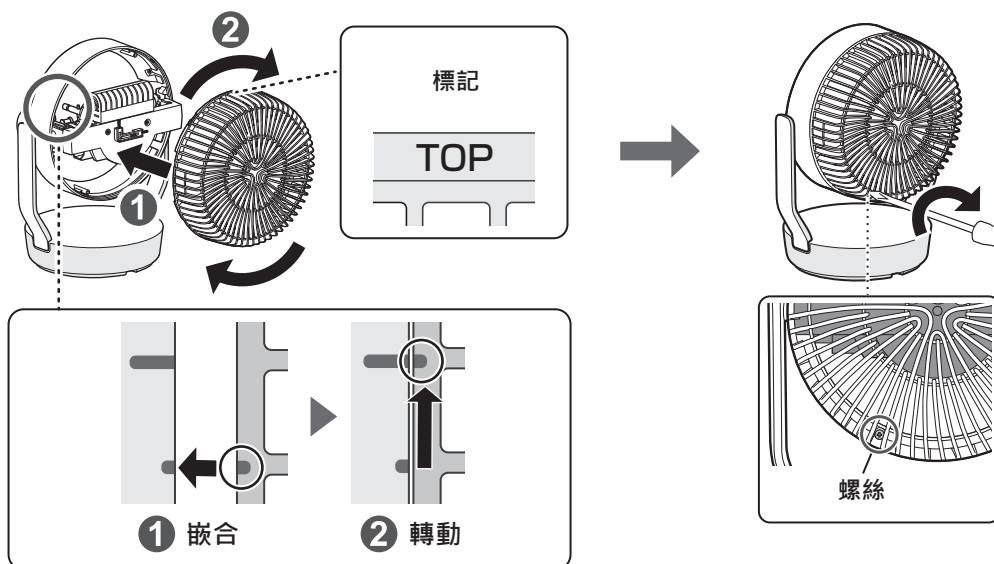
- 插圖與實際電極部的形狀有可能不同。此外，有可能因清潔而造成部分電極折斷缺損。皆無性能上的問題。



步驟 5. 安裝後護網

(1) 依箭頭方向旋轉以安裝後護網。

(2) 安裝螺絲。

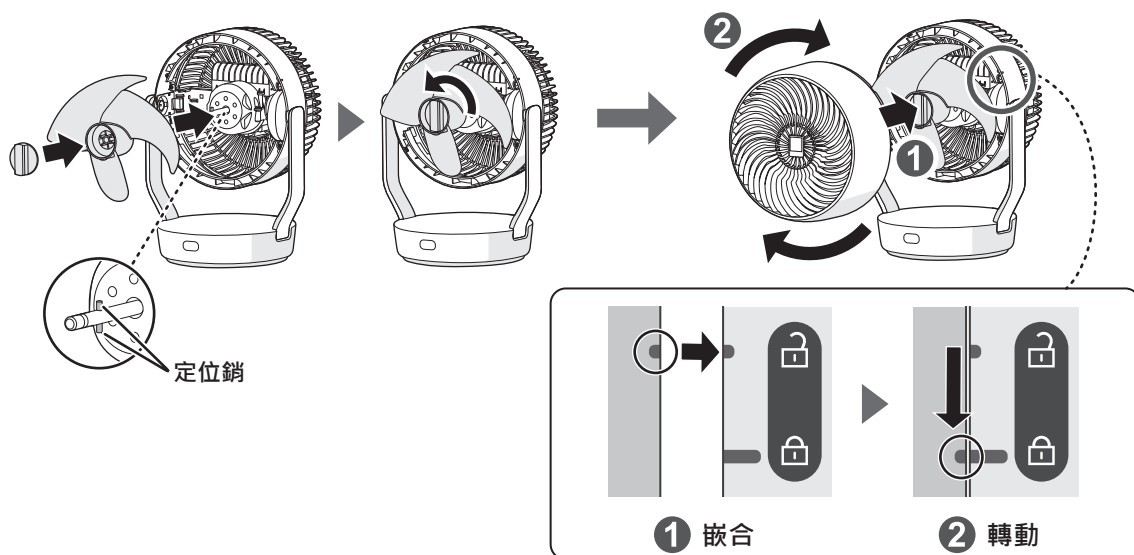


步驟 6. 安裝前側零件

(1) 安裝葉片後，用葉片蓋加以緊固。

- 將葉片背面的凹槽部位，對準馬達軸的定位銷插入。

(2) 將前護網轉到箭頭方向安裝。



步驟 7. 安裝前護網螺絲

注意

- 請確認已正確安裝前護網和後護網之後，再將 AC 電源供應器插入插座。
(否則可能會造成受傷、破損和故障)

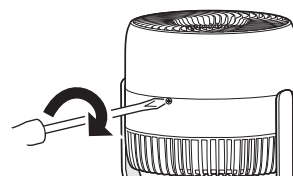
(1) 插入 AC 電源供應器，等待 3 秒以上後進入維修保養模式。

- 使前護網朝上。



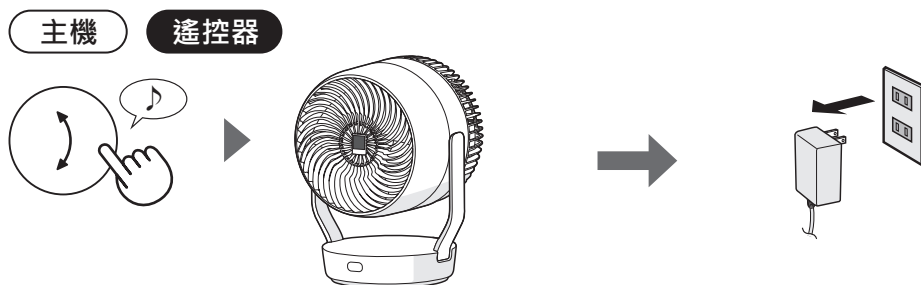
(2) 安裝螺絲

- 請先停止運轉，再安裝前護網螺絲。



(3) 將前護網朝向正面後，再拔下 AC 電源供應器。

- 拔下 AC 電源供應器後，將解除維修保養模式。



故障排除

致電客戶服務中心之前，請檢閱下列故障排除清單，因為問題可能不是產品故障。

即便按下電源按鈕葉片也不轉動。

- 葉片是否碰到護網？(第 17 頁)

即便按下按鈕，仍發出「嗶嗶嗶」聲而無法操作。

- 是否做出無效操作？若做出無效操作，就會發出「嗶嗶嗶」通知聲。

無法操作遙控器。

- 請檢查以下事項 (第 6 頁)
 - 是否未移除絕緣片？
 - 是否朝向接收器視窗進行操作？
 - 遙控器電池是否沒電了？請換新電池。(附屬電池為測試用，有可能短期間內就會耗罄)
 - 電池放入的方向 (+ 極 / - 極) 是否錯誤？

發出異常聲音。

- 是否確實安裝葉片和護網？(第 17 頁)
- 葉片是否碰到護網？(第 17 頁)

即便按下風向按鈕，也不會朝著風向按鈕的箭頭方向移動風向。

- 校準擺頭角度的位置後就會移動風向。並非異常。(第 9 頁)

在擺頭中暫時停止擺頭。

- 正在校準擺頭角度的位置。並非異常。(第 9 頁)
- 即便過了 2 分鐘以上也沒進行擺頭時，請立即從插座拔下 AC 電源供應器，並洽詢夏普服務中心。

擺頭角度偏移。

- 是否用手強制調整擺頭角度？請在停止運轉中將模式按鈕按 3 秒，讓風向回到正前方後再重啟運轉。(第 10 頁)

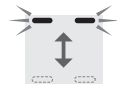
AC 電源供應器發熱。

- AC 電源供應器有時會發熱，但並非故障。若出現手無法觸摸的高溫時，請停止運轉，從插座拔下 AC 電源供應器並洽詢夏普服務中心。

想要消除操作音。

- 消除操作音的方法請參閱第 11 頁。

操作面板顯示以下訊息時。

顯示	說明
	● 正在校準擺頭角度的位置。 (最長約 30 秒)(第 9 頁)
	● 處於維修保養模式中。 (第 13 頁)
	● 葉片是否碰到護網，或夾帶異物使葉片未能固定？ 請拔下 AC 電源供應器，排除原因後，再次進行運轉操作。 (第 14 - 18 頁)
	● 請拔下 AC 電源供應器，再次進行運轉操作。

規格

型號	PK-18S3A	
電源	AC 電源供應器 *1	
	額定輸入	AC100-240V 50/60Hz 1.2A
	額定輸出	DC24V 2.0A
空氣循環適用面積 *2 (m ²)		約 50
高濃度自動除菌離子濃度適用面積 *3 (m ²)		約 17
額定功率 (W)	最大風量 *4	20
	最小風量 *5	2.0
擺頭角度 (自動) *6		[向上] 約 60° [向下] 約 60° [上下] 約 140° [左右] 約 60° / 約 90° / 約 120°
風向調整範圍		[上下] 上約 90° 起至下約 50° 為止 [左右] 左約 60° 起至右約 60° 為止
外形尺寸 (mm)		寬 253 × 深 197 × 高 329
重量 (kg)		約 2.6
電源線長度 (m)		約 1.8

*1 此 AC 電源供應器是一種非本質耐短路變壓器。

*2 空氣循環適用的地面面積是根據本公司的基準 (風量) 作為參考，實際效果會因環境而異。

*3 產品靠近牆壁，以「最大風量」運轉時，離地高度約為 1.2 米時，可在房間中心測量大約每立方公分 50000 個離子的房間大小。

*4 有上下左右擺頭

*5 無上下左右擺頭

*6 [向上] 上約 50° 起至下約 10° 為止

[向下] 上約 10° 起至下約 50° 為止

[上下] 上約 90° 起至下約 50° 為止

SHARP

SHARP CORPORATION
OSAKA, JAPAN