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High-Density 25000 *

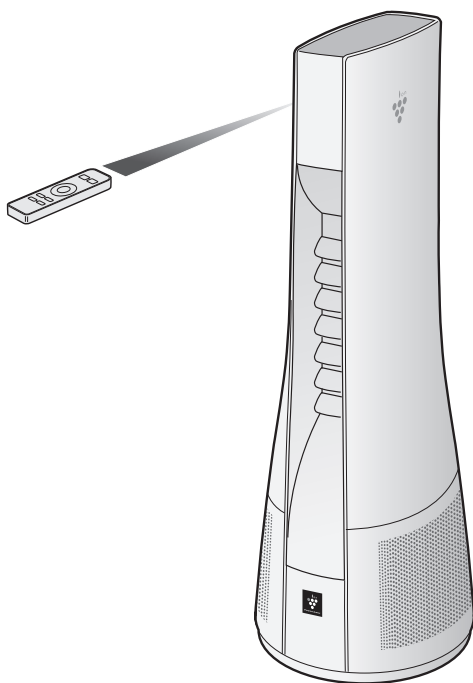
HIGH DENSITY PLASMACLUSTER HEAT & COOL ION FAN OPERATION MANUAL

ENGLISH

HD Plasmacluster 冷暖離子抗菌機
使用說明書

中文

IG-HH1A



Read this manual carefully and keep it properly.

*The number in this technical label indicates the approximate amount of ions that the Plasmacluster Ion Generating Unit emits into every 1 cm³ of air, measured at a point near the center of a room with the applicable floor area (1.2 m above the floor) with the main unit placed near a wall and operating at fan speed "6".

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- While IG-HH1A can remove suspended viruses and other contaminants, it cannot create a completely sterile environment. SHARP does not guarantee its ability to prevent microbial infection.
- To enable stable emission of high-density Plasmacluster ions, the Plasmacluster Ion Generating Unit mounted in IG-HH1A will need to be replaced periodically.*

*Replacement is required approximately every 2 years (17,500 hours) when operated 24 hours a day.
IG-HH1A will stop operating after about 2 years and 2 months (19,000 hours) if the Plasmacluster Ion Generating Unit is not replaced.

Thank you for purchasing this SHARP High Density Plasmacluster Heat & Cool Ion Fan.

Please read this manual carefully before using the product.

After reading this manual, keep it in a convenient location for future reference.

The contents in this manual are subject to change without notice.

FREQUENTLY ASKED QUESTIONS

Please also refer to
"TROUBLESHOOTING"
on pages E-20 and E-21.

ENGLISH

Q Are there ON/OFF Timer functions?

A You can set "OFF Timer" by pressing the TIMER button during operation. (See page E-12.)
You can set "ON Timer" by pressing the TIMER button while not in operation. (See page E-12.)
*The ON Timer and OFF Timer cannot be set at the same time.

Q Is it possible to start hot fan operation with the remote controller?

A For safety reasons, you cannot start hot fan operation/foot warming operation and set the timers with the remote controller.

Q Operation fails?

A

- Have you made sure the plug is fully inserted into the power outlet?
Insert the plug into the outlet securely. (See page E-3.)
- Is the fuse or circuit breaker damaged?
Use a power outlet rated at 220 V 13 A.
- Is the Plasmacluster Ion Generating Unit securely mounted?
Mount it securely. (See page E-19.)
- Is the main unit tilted and unsteady? Place it on a horizontal surface. (See page E-5.)
- Is child lock set? Cancel the child lock setting. (See page E-15.)

Q Is there any "Zi" sound?

A It's the sound of Plasmacluster ions emission and is normal.
(The sound may be heard at different intervals.)
Depending on the operation environment or mode, the sound may be loud, soft or silent,
but the emission of Plasmacluster ions will not be affected.
* The emission of Plasmacluster ions is not affected by the operation mode.

IMPORTANT SAFETY INSTRUCTIONS

Please read instructions carefully before using the product, in order to avoid personal injury and property damage.

■ The risks caused by wrong operation are classified as follows.

WARNING	Risks that may lead to death or serious injury.	CAUTION	Risks that may result in minor injury or property damage.
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WARNING To avoid fire, electric leakage, electric shock or injury

Power cord, plug and socket

- Do not use the unit at any voltage other than AC 220 V. (Fire and/or electric shock may result.)
 - Do not damage, fabricate, forcibly bend, pull, twist, bind or heat the power cord.
 - Do not place a heavy load on the plug or power cord or pinch them.
(The power cord could be damaged to result in fire and/or electric shock.)
 - Do not connect the twisted power cord to a power supply.
(The power cord could be overheated to result in fire and/or electric shock.)
- Do not plug in or out with a wet hand. (Electric shock may result.)
 - Do not use the unit if the power cord or plug is deformed, damaged, abnormally hot, or the connection to the outlet is loosened, or discontinue when moving the power cord. (Smoke emission and/or fire may result due to electric shock and/or short circuit.)
 - If the power cord is damaged, it must be replaced by the manufacture, its service agent or similarly qualified persons in order to avoid a hazard.
- In case of abnormality, power off and unplug the unit.
(Fire and/or electric shock may result.)
 - Use a power outlet rated at 13 A.
(Sharing a socket with other appliances will result in fire due to abnormal heating.)
- Make sure to insert the plug fully into an outlet. (Smoke emission and/or fire may result due to electric shock and/or short circuit.)
 - Remove dust from the plug on a periodic basis. (If dust accumulates, it may collect humidity and prevent insulation. Fire and/or electric shock may result.)
 - Be sure to unplug the unit before carrying out maintenance. (It may cause burns and/or electric shock due to sudden operation.)

During operation and maintenance

- In order to avoid overheating, do not cover the heater.
 - Do not insert fingers, rods and other foreign objects into the air inlet or air outlet. (Electric shock and/or failure could result.)
 - Do not place any dangerous object such as spray etc. near the main unit.
(Pressure in the spray may be increased by the heat and it may cause explosion or fire.)
- Do not alter the unit. Only trained service personnel are authorized to disassemble or repair the unit.
(Otherwise it may cause fire and/or electric shock. It's dangerous to touch the inner of the unit where the voltage is very high.)
 - Do not use chlorinated or acid detergent to clean the unit.
(Such detergent may produce toxic gases that are harmful to health.)
- Perform maintenance after the main unit becomes cool. Wait for more than 30 minutes after the unit stops operating.
(Burn or electric shock may result.)
 - 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 and 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.
- This heater is not equipped with a device to control the room temperature. Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
 - Take care of the people around (It may cause a burn.) Pay special attention to the following persons:
 - Infants
 - Those who are unable to operate the unit by themselves

CAUTION To avoid electric shock or injury, and to protect the property, etc.

Power cord, plug and socket

- Do not use extension cord or overloaded outlet.
(Abnormal heating of the outlet may cause fire.)
- If the unit will not be used for a long time, unplug from the power outlet.
(Otherwise it may cause injury, burn, electric shock, leakage and/or fire due to aging of insulator.)
- Be sure to hold the plug when unplugging.
(Fire, electric shock and/or short circuit may result.)

During installation and use

- Do not use the hot fan operation for other purposes, such as drying clothes etc.
- Do not hang clothes or blanket on the main unit during operation. And do not block the air inlet and air outlet.
- Do not use the hot fan operation near flammable objects. Do not use the unit near flammable objects such as curtain and blanket or under the desk or confined spaces.
(It may cause overheating or fire.)
- Do not use the unit for pets.
(The pets may damage the main unit or power cord and cause fire.)
- Do not touch the section with high temperature. Do not touch or move your face close to the hot air outlet, or adjust the louver with fingers directly while using or right after using.
(It may cause a burn.)
- Do not place the unit on other electric appliances, such as heater or TV etc., or on a table that is sensitive to heat.
(Discoloration or deformation may be caused, and if the unit falls, electric shock or short circuit may be caused.)
- Do not put the unit on an unstable surface.
(Falling may result in electric shock or short circuit.)
- Do not expose your body directly to the airflow for a long time.
(Doing so may cause low temperature, burns, physical defects or negatively impact your general health.)
- Do not spill any liquid such as tea or water on the unit. In case spill is done by accident, please stop using the unit immediately, and contact the store you purchased the product from or Sharp service center for inspection or repair.
(Overheating or electric shock may result.)
- Do not use the unit in a bathroom or other places exposed to humidity and moisture.
(Electric shock, shortcircuit and/or fire may result.)
- Keep the remote controller away from infants.
(It may cause sickness from malfunction or they may swallow the batteries by accident.)
- Do not place the unit directly below the power outlet.

- Do not use items containing fluoroquinolone or silicone* near the unit.

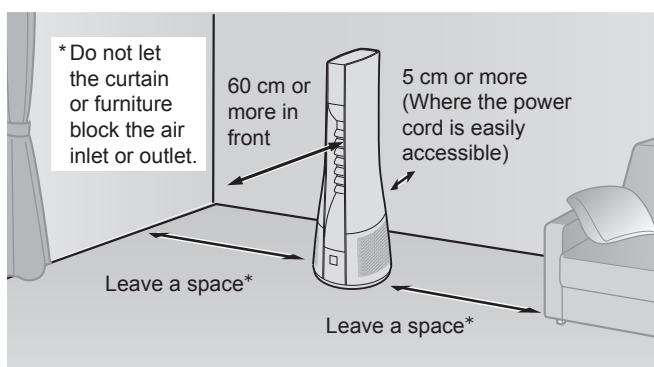
* Hair care products (split end coatings, hair mousse, hair treatments, etc.), cosmetics, antiperspirants, antistatic agents, waterproofing sprays, polishes, glass cleaners, chemical-impregnated clothes, wax, etc.

The fluoroquinolone or silicone residue may coat the inner part of the unit, preventing it from producing Plasmacluster ions. (Error "U3" will be shown on the display.) In this case, clean the electrode section of the Plasmacluster Ion Generating Unit. (See page E-17.)

BEFORE OPERATION

Installation guidelines

Place the unit on a proper place.



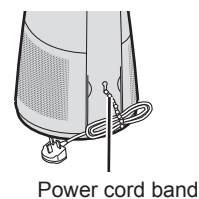
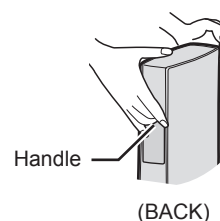
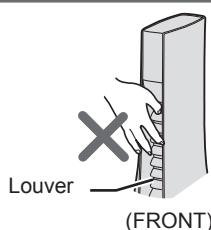
- Wall or furniture may be stained and/or deformed when the unit is used with the air inlet near them. Leave an open space on the left or right side, and keep at least 5 cm of clearance from the other side (more than 30 cm is recommended).
- Do not block the air outlet during operation. (Leave a clearance of approximately 60 cm in front.)
- Adjust the direction of horizontal swing during hot fan operation so the hot air will not be directly blowing to the curtain or other objects. Otherwise, stains and deformation will result.
- Place the unit on a flat, stable surface.

- Use the product in room temperature between 0~35°C. Water condensation and external heat may result in malfunction.
- Keep away from direct sunlight, otherwise it may cause deformation, deterioration and/or discoloration.
- Do not place the unit near a window or the air outlet of any heating appliances. Otherwise, it may cause deformation, deterioration and/or discoloration and sensor malfunction.
- Place the unit on a strong place. Otherwise, it may cause dents or scratches on the floor.
- Clean the floor under the product and the surrounding walls after using the unit at the same place for a long time. (Clean the floor regularly by moving the product aside.)
- If there is noise interference on TVs and/or radios, or display problem on atomic timepieces, please keep the unit away from these equipment.

Cautions on moving

*Move the unit only after it stops operating and becomes completely cool.

- Hold the handle firmly, and carry the unit by lifting it upwards.
- Be sure to carry it with two hands.
- Do not hold at the louver.
- Bundle the power cord with a band, and fix it to the cord holder at the back of the main unit before carrying the unit.



Safety functions (Available only during the hot fan operation/foot warming operation)

Automatic Switch-off Function (To prevent unattended operation)

The unit will stop after a continuous 8 hours of operation in the hot fan/foot warming operation.

(If operation is started by ON Timer function, the unit will stop after 2 hours.)

The OFF TIMER indicator light and "H" of timer indicator light will flash while other indicators will go off.

To restart the operation, press the TIMER button or POWER OFF button, the timer flashing indicator will go off, and then turn the power on again.

When the OFF Timer is set, the OFF Timer function takes priority.

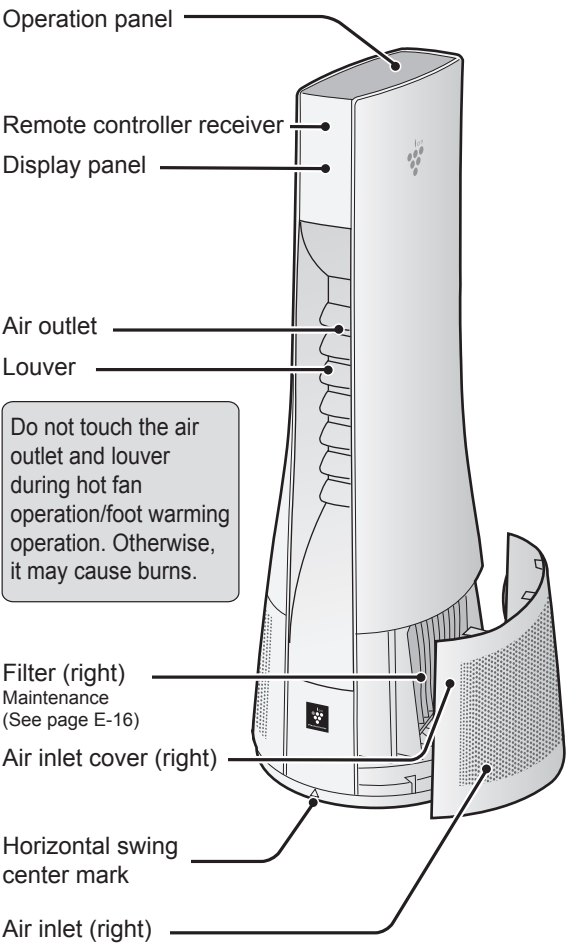
Tip-over Automatic Switch-off Function

When the unit is tilted due to heavy shaking and/or collision, the HOT FAN indicator light (orange) on the display panel and the FAN SPEED indicator light 6 (orange) on the operation panel will flash. The operation will stop automatically. To restart the operation, press the POWER OFF button to stop the flashing lights, and then turn the power on again.

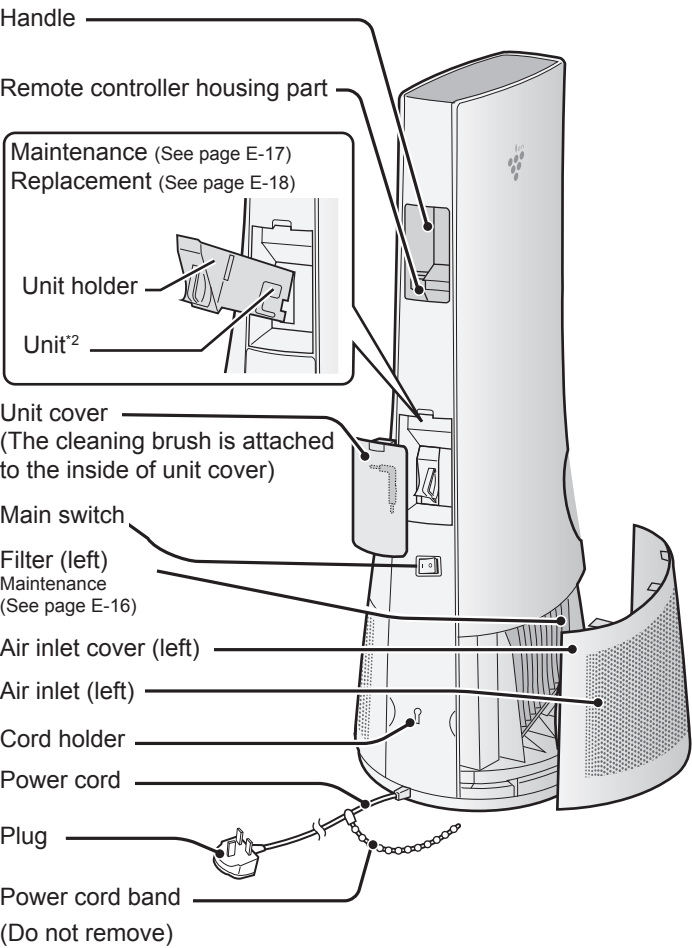
PARTS NAME

Main unit

FRONT

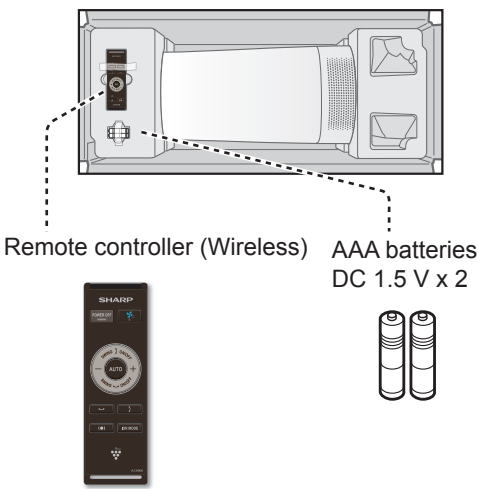


BACK



Accessories

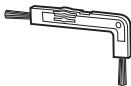
The package is unpacked as below.



The odor of the power cord (rubber) could be smelly right after start using. But it will fade with time.

^{*2}The unit refers to Plasmacluster Ion Generating Unit.
(The same as below.) Do not remove the unit, except for maintenance and replacement.

Unit cleaning brush
(attached to the inside of
unit cover)



Do not use the brush for any
other purpose except cleaning
the unit.

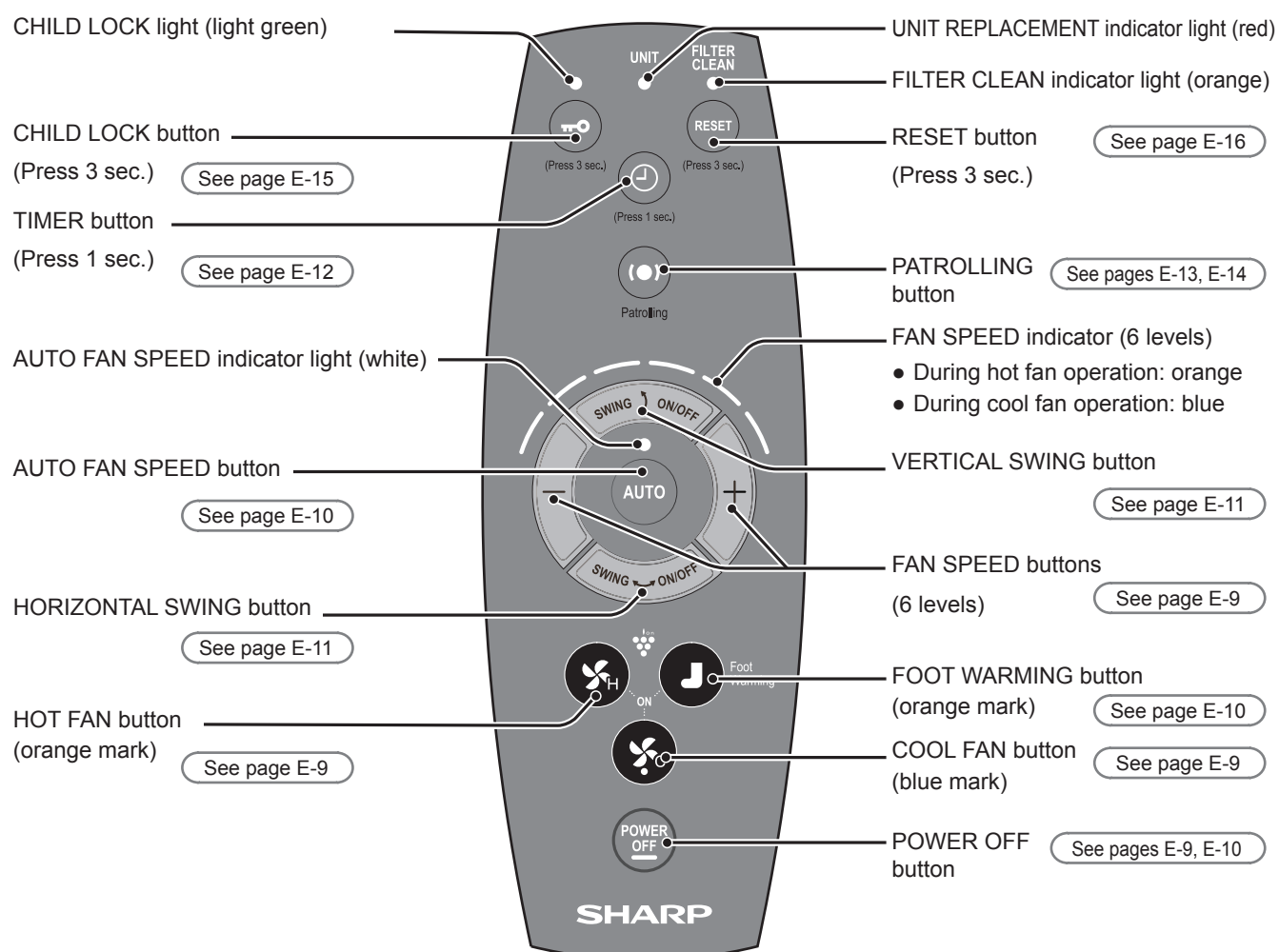
Printed matters

- Operation manual (1 copy)

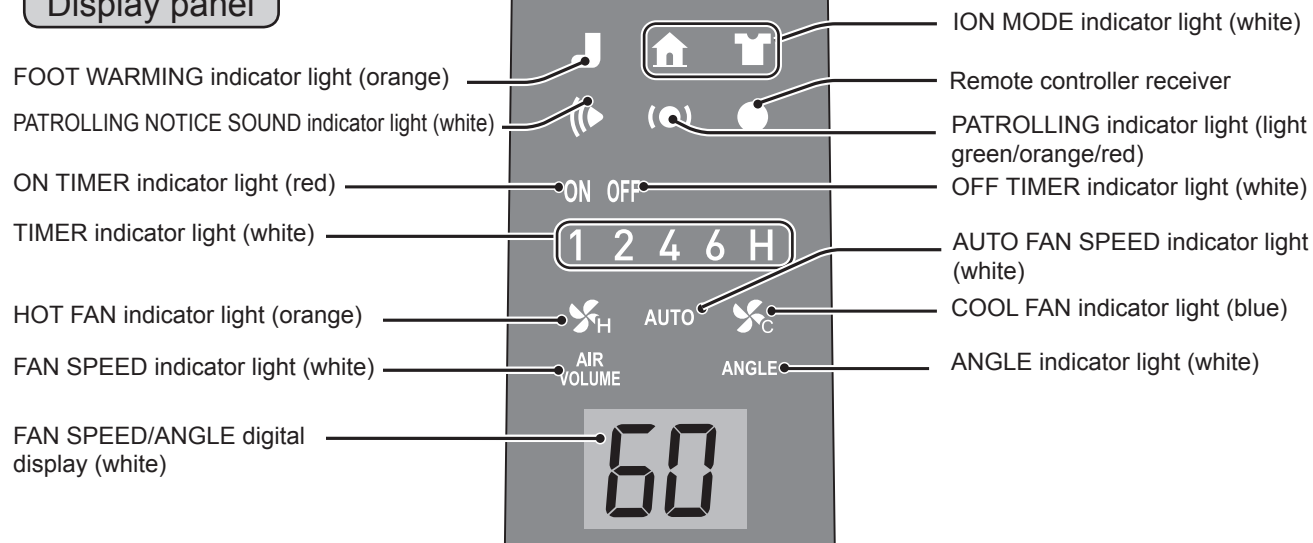
PARTS NAME (continued)

Operation panel/Display panel

Operation panel

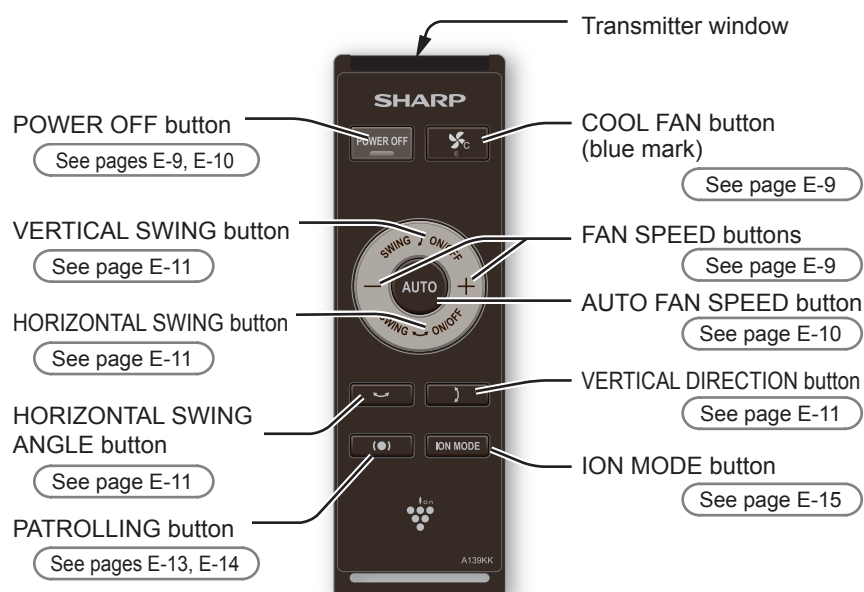


Display panel

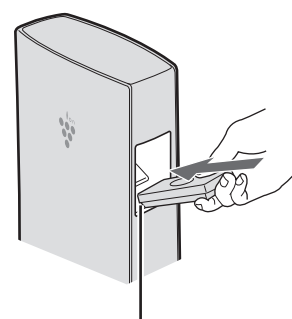


Remote controller

You cannot start the hot air operation/foot warming operation and timers operation with the remote controller. This is to prevent the hot fan operation from starting due to malfunction.



When housing the remote controller,
insert it to the housing part at the back of the main unit.

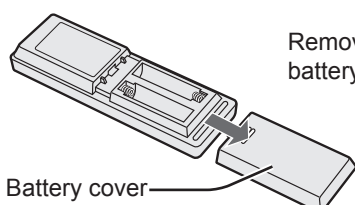


Remote controller housing part

ENGLISH

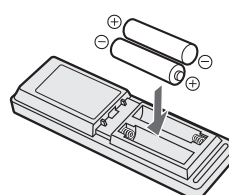
How to replace batteries

1



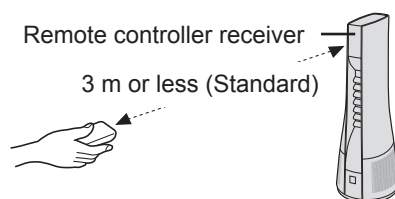
Remove the battery cover.

2



Insert two batteries (AAA (R03)).
Make sure the +- polarities are correctly aligned.
(AAA batteries DC1.5V x 2)

How to use the remote controller



Point the remote controller towards the receiver and press the desired button for operation.
It may not work if the pointing direction is out of range, or there is blocking between the transmitter and the receiver.



Do not drop or throw the remote controller.
Do not wet the remote controller.

CAUTION

- When batteries are low, the operation range of the remote controller may become smaller.
- Signal interference may happen when used under certain fluorescent lamps or direct sunlight.
- Incorrect usage of batteries may cause the remote controller to corrode due to electrolyte leakage or explosion of the batteries.
 - Do not recharge, disassemble or heat the batteries.
 - When replacing the batteries, always change both and use the same type.
 - If the unit will not be used for a long time, remove the batteries from the remote controller. (This is to avoid damage due to electrolyte leakage.)
- Do not leave the remote controller in places where infants can reach. (It may cause sickness to infants due to incorrect usage or they may swallow the batteries by accident.)
- If electrolyte leak from battery gets into your eyes or contacts with your skin or clothes, wash with sufficient clean water immediately, and consult with a doctor if necessary.

OPERATION



Turn on the main switch at the back of the main unit before starting the operation.

CAUTION

Do not touch the air outlet and louver during the hot fan operation.

[Otherwise, it may cause burns]

Start/Stop hot fan operation

Operation

1 Main unit



Pip

* You cannot start the hot fan operation with the remote controller.

(orange mark)

2 Select your favorite fan speed.

Main unit/Remote controller



or



FAN SPEED buttons

AUTO FAN SPEED button

- Insert the plug into the outlet, turn on the main switch at the back of the main unit. When first starting the operation or switching the operation to hot fan operation, the operation will be in Auto Fan Speed mode.
- The FAN SPEED indicator and the HOT FAN indicator will turn on. (The FAN SPEED indicator will be in orange during the hot fan operation)

Operation panel

Display panel



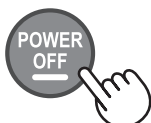
- With the Automatic Switch-off Function, the hot fan operation will stop automatically after 8 hours of continuous operation. See page E-5

- 1-6 levels (6 levels of air volume) are available for selection by pressing the FAN SPEED buttons. To start the Auto Fan Speed mode, press the AUTO FAN SPEED button.
- With changing of volume, the FAN SPEED indicator (orange) will turn on, and the FAN SPEED digital display will also show the changes.

Stop

Main unit

Remote controller



Pip



- When switching off hot fan operation:
 - 1 All indicators go off
 - 2 Cool fan operation runs for 30 seconds to cool down the inner unit before operation stops.
- Do not unplug the unit before the operation stops.

Start/Stop cool fan operation

Operation

1 Main unit



Pip

Remote controller



(blue mark)

2 Select your favorite fan speed. (Same procedures as hot fan operation.)

- Insert the plug into the outlet, turn on the main switch at the back of the main unit. When first starting the operation or switching from hot fan operation, the operation will be in Auto Fan Speed mode.
- The FAN SPEED indicator and the FAN indicator will turn on. (The FAN SPEED indicator will be in blue during cool fan operation)

Operation panel

Display panel

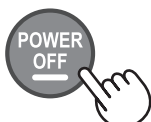


- 1-6 levels (6 levels of air volume) are available for selection by pressing the FAN SPEED buttons. To start the auto fan speed mode, press the AUTO FAN SPEED button.
- With changing of air volume, the FAN SPEED indicator (blue) will turn on, and the FAN SPEED digital display will also show the changes.

Stop

Main unit

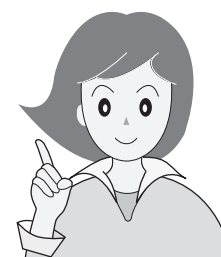
Remote controller



Pip



- Plasmacluster ions will be generated in all operation modes.
- When operation is stopped by pressing the POWER OFF button on the main unit or the remote controller, the last operation mode will be memorized. (Memory Function)
- The settings of the timers, Plasmacluster Ions Clean mode and Clothes Deodorizing mode will not be memorized.
- When the unit is power off or unplug from the outlet, the memory will be erased.



Start/Stop foot warming operation

Hot air is projected downwards to warm your feet.

Operation

Main unit

(orange mark)

W You cannot start the foot warming operation with the remote controller.

- The FAN SPEED indicator, the FOOT WARMING indicator, and the HOT FAN indicator will turn on. (The FAN SPEED indicator will turn on in orange during foot warming operation)

Operation panel

Display panel

- The settings of foot warming operation are as follows.
Fan Speed: Level 3; Vertical Swing: 10° upward - 40° downward; Horizontal Swing: 30°
- With the Automatic Switch-off function, the foot warming operation will stop automatically after 8 hours of continuous operation.

Stop

Main unit

Remote controller

- When switching off foot warming operation:
 - 1 All indicators go off
 - 2 Cool fan operation runs for 30 seconds to cool down the inner unit before operation stops.
- Do not unplug the unit before the operation stops.

USEFUL FUNCTIONS

Auto Fan Speed mode

Main unit/Remote controller

Display

Operation panel

Display panel

To cancel the mode, press the AUTO FAN SPEED button again or the FAN SPEED button.

During hot fan operation	<p>The fan speed will be automatically switched to maintain the room temperature at 22°C. (After starting the operation, the fan speed will increase from Level 1 to Level 6 within 2 minutes regardless of the room temperature.)</p> <p>Quick warming operation: when the room temperature is below 15°C, the unit will operate at a fan speed higher than Level 6 for approximately 20 minutes.</p> <p>(FAN SPEED indicator: all indicators will go off from left to right in order)</p> <ul style="list-style-type: none">• When the humidity is above 65%, the hot fan operation will start automatically to raise the room temperature up to 20°C.• Due to the variation of room size, it may be impossible to raise the room temperature to 22°C.• When the room temperature is 26°C or higher, the operation will stop (AUTO FAN SPEED indicator: on; FAN SPEED indicator: off), and when the room temperature is 21°C or lower, the operation will start again. (When the humidity is above 65% and room temperature is 24°C or higher, the operation will stop, and when the room temperature is 19°C or lower, the operation will start again.)																																							
During cool fan operation	<p>The unit will start operating at the most suitable fan speed depending on room temperature and humidity.</p> <p>(The operation will start at fan speed "3" for approximately 2 minutes regardless of the room temperature.)</p> <div><div>Temperature (standard)</div><div>Humidity ← 24 25 26 27 28 29 30 31 32 33 34 35 →</div><table><tr><td>(High)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>(Medium)</td><td>Level 1</td><td>Level 2</td><td>Level 3</td><td>Level 4</td><td>Level 5</td><td>Level 6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>(Low)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table></div>	(High)													(Medium)	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6							(Low)												
(High)																																								
(Medium)	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6																																		
(Low)																																								

USEFUL FUNCTIONS (continued)

CAUTION

Do not adjust the louver directly by hand.

[Otherwise, it may cause burns or malfunction]

Vertical swing/Direction setting

Start/Stop

"Vertical swing ON"

- Swing angle up: 60°; down: 40°

Main unit/Remote controller



("ON" indicator light flashes)

"Vertical swing OFF"

- Can be stopped at a desired position.

Main unit/Remote controller



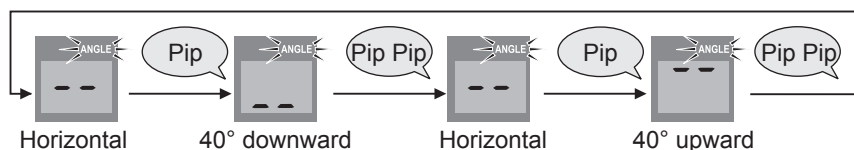
Direction setting

Select your favorite airflow direction

Remote controller



w The default direction is horizontal.



CAUTION

"Vertical swing/Direction setting" and "Horizontal swing/Angle setting"

- Do not adjust the angle of horizontal and vertical swing directly by hand. (A burn or malfunction will be caused.)
- Do not touch the louver during operation. (Injury, burns or malfunction will be caused.)
- The louver does not move for approximately 10 seconds just after the operation starts.
- The louver may stop working temporarily during horizontal or vertical swing, it's not a malfunction.
- When there is no horizontal swing or louver movement for 20 seconds after starting the operation of horizontal or vertical swing, please immediately remove the plug from the power outlet, and contact the store you purchased or Sharp service center.

Horizontal swing/Angle setting

Start/Stop

"Horizontal swing ON"

- Horizontal swing starts at an angle of 15°.

Main unit/Remote controller



"Horizontal swing OFF"

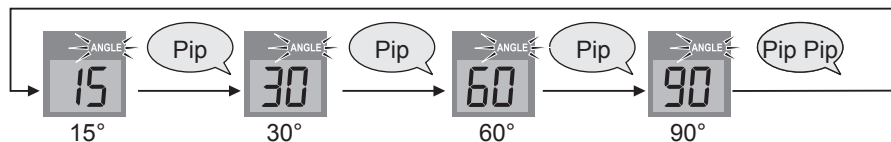
- Can be stopped at a desired position.

Main unit/Remote controller



Angle setting

Remote controller



- You cannot change the angle if horizontal swing is not turned on.
- The angle options are fixed.

The center position of horizontal swing

- After inserting the plug (or when power resume after failure), the center position will be automatically identified when the HORIZONTAL SWING button, ION MODE button, or FOOT WARMING button is pressed.
- During identification of the center position (approximately 20 seconds), you cannot set the angle.
- During horizontal swing, the center mark (mark Δ) of the main unit will be the center position of the swing operation. During the main unit setting, align mark Δ with the center position of the desired airflow range. [See page E-6](#)
- In case of any deviation from the center point, unplug the unit and then plug in again to restart horizontal swing, and readjust the center point.

When determining the center position, the digital display will change, and the louver will start horizontal swing.



ON/OFF Timer

wYou cannot set ON/OFF Timer at the same time.

OFF Timer (The operation will stop automatically when the set time is reached.)

(While in operation)

1

Main unit

- Press for 1 second or more.

("OFF" indicator flashes)

Display panel (flashing)

Select your desired period of time.

- At the end of the setting, the TIMER indicator light (white) and the OFF TIMER indicator light (white) will turn on.
- After the timer is activated, the TIMER indicator light will display the remaining time.

ON Timer (The operation will start automatically when the set time is reached.)

(While not in operation)

1

Main unit

- Press for 1 second or more.

("ON" indicator light flashes)

Display panel (flashing)

Select your desired period of time.

- At the end of the setting, the TIMER indicator light (white) and the ON TIMER indicator light (red) will turn on.
- After the timer is activated, the TIMER indicator light will display the remaining time.

2 ("ON" indicator light flashes)

Select your desired operation mode (hot fan/foot warming/cool fan and fan speed.)

- The vertical and horizontal swing setting will follow the last setting of previous operation.
- If operation mode is not selected, it will follow the last setting of previous operation.

⌚ Each time when the button is pressed, the TIMER indicator light switch as follows. (OFF Timer/ON Timer)



*To cancel the timer setting, press the TIMER button for 1 second again until the TIMER indicator light off.

CAUTION

- If turned on the hot fan/foot warming operation mode by the ON Timer, the Auto-off function will be activated and the operation will be automatically stopped after 2 hours. (See page E-5)
- Unplugging the unit (or power failure) will cause the ON Timer settings to be restored to the default settings (Cool fan operation, Auto Fan Speed, no horizontal or vertical swing).
- At the end of ON Timer setting, press HOT FAN/FOOT WARMING/COOL FAN button to cancel the ON Timer, and start the operation.
- At the end of ON Timer setting, the ON Timer function will be cancelled by unplugging the unit.
- ON Timer cannot be set in Plasmacluster Ions mode and Clothes Deodorizing mode.

USEFUL FUNCTIONS (continued)

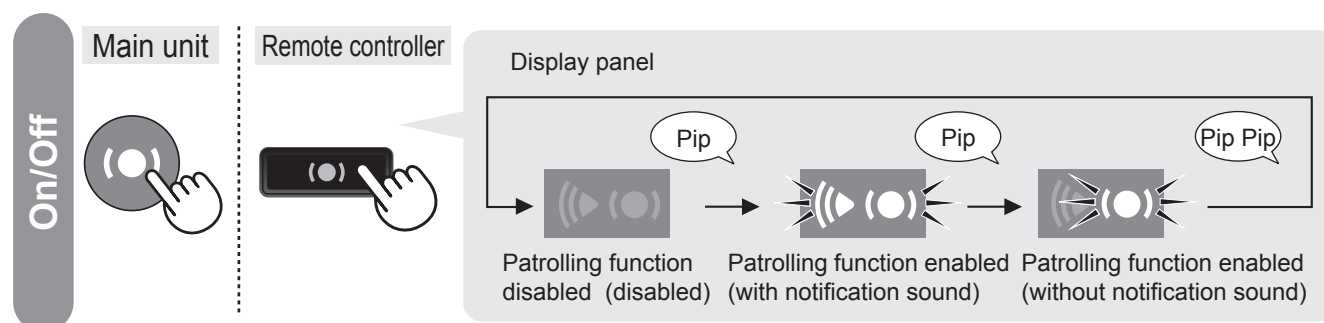
Patrolling function

This function allows you to learn about the room conditions. This product cannot reduce the room temperature, and adjust the humidity.

If the patrolling function is set, the sensor detects a state requiring attention to room temperature and humidity during operation and tells it with Patrolling indicator light and sound.

There are two patrolling modes, namely "High Temperature and High Humidity Patrolling" and "Dry and Low temperature Patrolling".

You can also mute the notification sound.

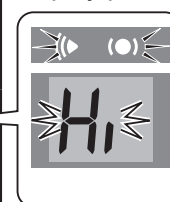


High Temperature and High Humidity Patrolling

When the room temperature or humidity is high, there will be notification indicator light and sound. When the temperature and humidity falls into Area B-D as indicated in the following table, hot fan or foot warming operation cannot be activated. The hot fan or foot warming operation will be automatically switched to cool fan operation.

Patrolling indicator light (●)	Notification sound	Indoor environment	Fan speed during operation	Temperature and humidity area (Figure below)
Red (Flashing)	Pip, pip, pip, pip...(30 seconds)	High temperature and high humidity	Level 6 (cool fan)	D
Red	Pip, pip, pip, pip – Pip, pip, pip, pip – (30 seconds)		Set fan speed (cool fan)	C
Orange	None	Relatively high temperature and high humidity		B
Light green	None	Not high temperature nor high humidity	Set fan speed	A

<Display panel>

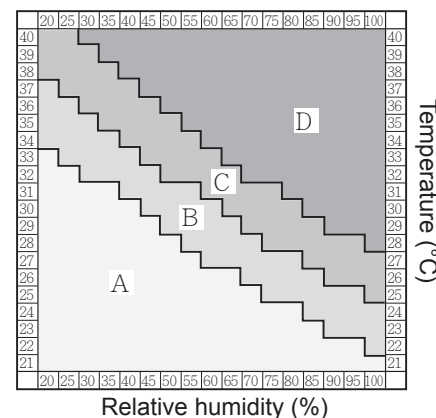


We recommend that you drink some water or lower the room temperature.

Guideline for preventing heatstroke in daily life

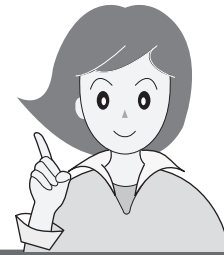
<Source: website of Japanese Society of Biometeorology>

Temperature standard	Overview of life activities to be noted	Precautions
D: Danger	Risks that could occur in all life activities	Elderly people are highly likely to suffer from heatstroke even in a resting state. Avoid going out and move to a cooler room.
C: Heavy alert		Avoid blazing sun when going out and pay attention to an increase of room temperature when staying in a room.
B: Alert	Risks that could occur in middle level or higher life activities	Rest regularly when doing exercise or intense work.
A: Caution	Risks that could occur in hard life activities	Generally the risk is low, but people may suffer when doing hard exercise or hard work.



- This is not a function to prevent heatstroke. Please use this function as an assistance.
- When setting the patrolling function, if you press the ION MODE button, the operation will start at the selected fan speed.

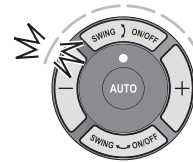
Sometimes, it may not get the accurate temperature and humidity because of the installation location (near a cooler, dehumidifier, or humidifier) and operation environment of the product.



Patrolling function while not in operation

- You can set the patrolling function by pressing the PATROLLING button even when no operation is taking place.
When the patrolling function is set while no operation is taking place, the unit will work at fan speed "1" with the patrolling function enabled, and the FAN SPEED indicator 1 (blue) will flash.

Operation panel



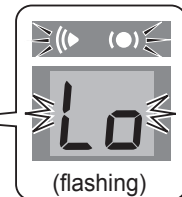
- Please disable the patrolling function or remove the plug from the power outlet when the product will not be used for a long time .
- When you hear the notification sound, press any button to stop the sound, and then disable the patrolling function and start operation after the notification sound disappears.

Dry and Low Temperature Patrolling

When the temperature and humidity is up to the degree for breeding and spread of viruses, there will be notification indicator light and sound.

<Display panel>

Patrolling indicator light (●)	Notification sound	Indoor environment	Fan speed during operation	Temperature and humidity area (Figure below)
Red (Flashing)	Pip, pip, pip, pip... (once)	Dry and low temperature	Set fan speed	(3)
Light green	None	Not dry and low temperature		(1) - (2)



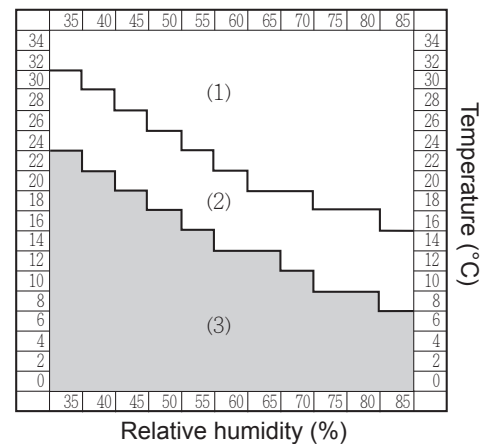
When the room is dry and the room temperature is low, viruses survive more easily. We recommend that you increase humidity with humidification setting and temperature using heating appliances according to your room environment.

Material source: Dr. Makoto Shoji, Director of Shoji internal medicine and pediatrics clinic in Sendai City, Miyagi Prefecture, Japan

Right figure	Absolute humidity *1	Virus environment	Survival rate*2
(1)	Over 11 g	Environment which is less suitable for viruses to survive	0% to small percent
(2)	11 g or less	Environment where viruses can survive	5%
(3)	7g or less	Environment which is suitable for viruses to survive	20%

*1: The absolute humidity is the total mass of water vapor present in 1 m³ of air regardless of temperature and is expressed in g. While humidity generally used for a weather forecast is called relative humidity, which is the ratio of the partial pressure of water vapor to the equilibrium vapor pressure of water at a given temperature and is expressed in %. Therefore, the absolute humidity is approximately 8 g at 15 °C and 18 g at 30 °C even at the same relative humidity of 60 %.

*2: Survival rate of viruses emitted in air after 6 hours under each environment.



CAUTION

- It does not notify of the existence of viruses themselves.
- Patrolling Indicator lights illuminating "Green" does not assure prevention of infection. Use it as a reference to make an environment to prevent infection during typical daily life.

USEFUL FUNCTIONS (continued)

Ion mode operation

Plasmacluster ions are generated in all operation modes.

*Plasmacluster Ions mode and Clothes Deodorizing mode will be automatically switched to cool fan operation.

(While in operation)

1 Remote controller

ION MODE

Select the appropriate Ion mode. (Three modes are available as follows.)

	Normal operation mode <ul style="list-style-type: none"> • Please use normal operation mode.
(Light Off)	
	Plasmacluster Ion mode (fan operation) <ul style="list-style-type: none"> • Plasmacluster ions will be blown to a larger area. • The operation will stop automatically after 1 hour of fan operation at fan speed "6", with horizontal swing at 90° and vertical swing ON.* Dust and pollen removal function is not available.
	Clothes Deodorizing mode (fan operation) <ul style="list-style-type: none"> • Plasmacluster ions in the airflow directed to the clothes can remove the odor. • The operation will stop automatically after 2 hours of fan operation at fan speed "6", with horizontal swing at 60° and vertical swing ON.

- To use the Clothes Deodorizing mode, place the main unit near the clothes, so airflow can be directly projected to the clothes before starting the operation.
To achieve effective deodorizing effect, you can place the clothes right in front of the main unit.
- When changing hot fan/foot warming operation, fan speed, timer, vertical swing angle in Plasmacluster Ions mode or Clothes Deodorizing mode, the unit will switch to normal operation mode.

Child lock

Enable/Disable

"Enabled"

Main unit

(Press 3 sec.)

- Press 3 seconds or more.

"Disabled"

Main unit

(Press 3 sec.)

- Press 3 seconds or more.

• It is impossible to enable/disable the child lock with the remote control.

CAUTION

- In the consideration of safety and applicability, the following operations can be carried out even if child lock is set.

While in operation

- Operation button "Off"
- Cancel the child lock.

While not in operation

- Cancel the child lock.

CARE AND MAINTENANCE

CAUTION

Stop the operation, let the main unit to cool completely, then remove the plug from the power outlet before performing maintenance.

(Or you will get burned, electric shock or wounded.)

Main unit

About once in every month

Wipe the surface with a soft cloth.

When dirt does not come off easily

When dirt does not come off easily, wipe it carefully again to avoid detergent residues.

Do not use the following items for maintenance of the main unit and filters.
(They may result in damaged surface, or malfunction due to liquid leakage to the inner of the unit (precision part).)



Diluent
Volatile oil
Ethyl alcohol



Oven cleaner
Abstergent
Decolorant



Items containing citrus
Items containing
cleanser
(Limonene, etc.)



For residential and
furniture use
Synthetic detergent
(Alkaline)



Spray cleaner
Metallic brush

Filters

* At the left and right sides.

Please carry out maintenance on filters at both sides.

About once in every month

To ensure sufficient ion density, filters need to be maintained. Please perform maintenance when the filter is clogged by dust even if the filter maintenance light doesn't turn on.

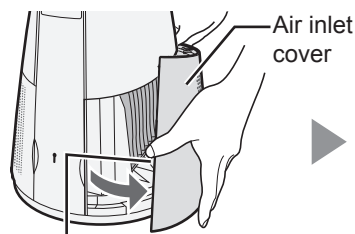
1

Power off and unplug the unit.

*Start maintenance after the main unit is cooled down.

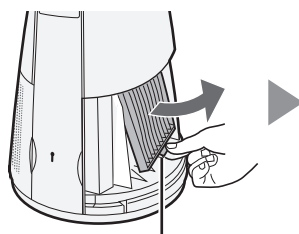
2

1 Remove the air inlet cover by pulling out the knob at the back.



Air inlet cover knob

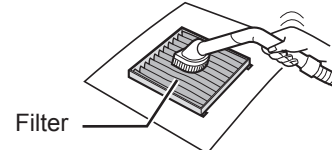
2 Remove the filter by pulling the filter tab towards yourself.



Filter tab

3 Remove dust by using a vacuum cleaner.

- Put the filter on newspaper to keep the place clean.



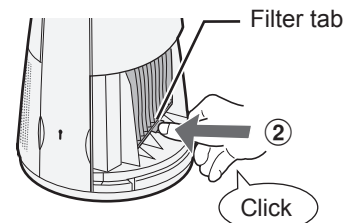
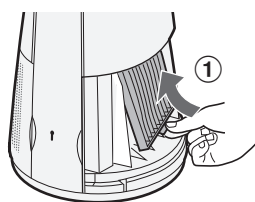
- For stubborn dirt, rinse in water, and dry in the shade.

3

1 Insert the top of the filter into the guide rail from the button.

2 Push in the tab (Push in the tab until a clicking sound is heard.)

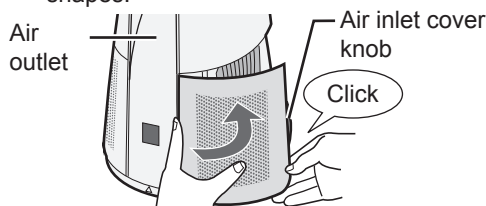
w It's the same for filters at the left and right sides.



4

1 Fix the air inlet cover to the unit.

※The left and right covers are in different shapes.

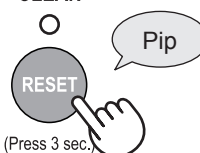


First fix the cover in front (where the air outlet is located), and then press the back side (where the knob is located) until a "click" sound is heard.

2 Insert the plug, and press the RESET button for more than 3 seconds.

Main unit

FILTER
CLEAN



(Press 3 sec.)

- A "pip" sound is heard, and the indicator goes off.
- Press and hold the RESET button after carrying out maintenance until a "pip" sound is heard, even if the indicator is not lit.

CARE AND MAINTENANCE

(continued)

CAUTION

To replace the Plasmacluster Ion Generating Unit, first stop the operation, let the main unit to cool completely, then remove the plug from the power outlet.

(Or you will get burned, electric shock or wounded.)

Plasmacluster Ion Generating Unit (electrode section)

About once in every 6 months
(when operated 24 hours a day)

Please remove dust from the electrode section with the provided cleaning brush and a cotton swab.

1

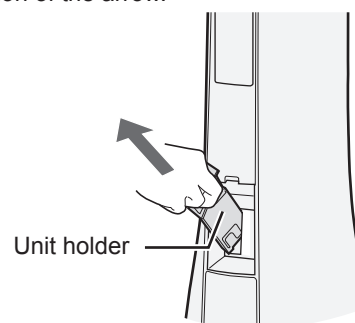
Power off and unplug the unit.
wStart maintenance after the main unit is cooled down.

2

1 Remove the cover by pressing the hook and pulling the cover towards yourself.



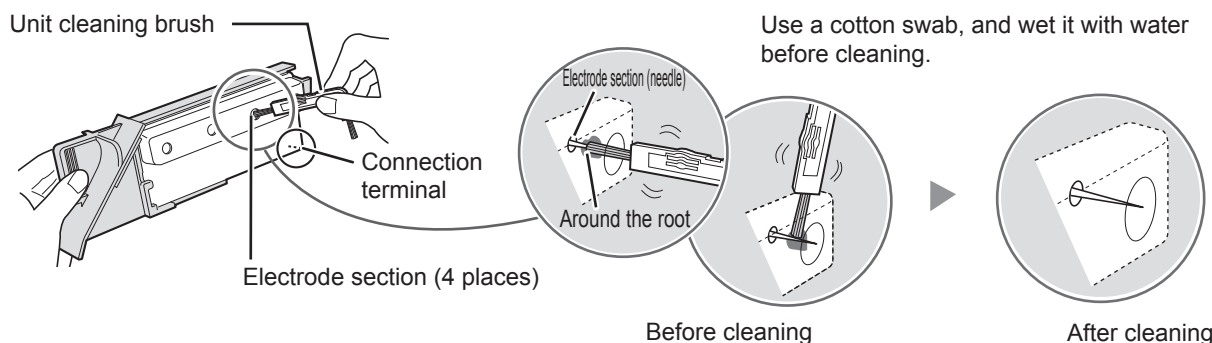
2 Pull out the unit holder following the direction of the arrow.



3

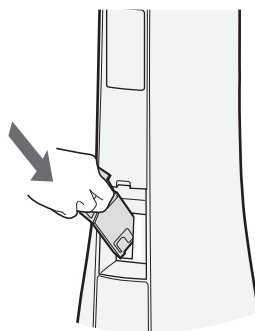
Clean the electrode section.

Clean it while the unit holder is installed.

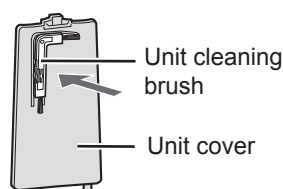


4

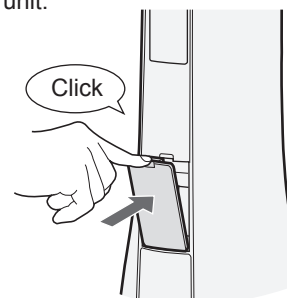
1 Insert the unit holder into the main unit.



2 Attach the brush to the unit cover.



3 Attach the unit cover to the main unit.



CAUTION




- Do not touch the electrode section directly. (lead to injury.)
- Do not deform the electrode section. (lead to failures in the unit.)
- Use a cotton swab, and wet it with water if the dirt could not come off easily.

REPLACEMENT OF PLASMACLUSTER ION GENERATING UNIT

When the total operation time of the generator exceeds 17,500 hours (approximately 2 years when the product operates 24 hours a day), the replacement indicator of the generating unit (Plasmacluster Ion Generating Unit) will flash to indicate that the unit needs replacement.

* The replacement time is not related to the selected fan speed.

ENGLISH

Operation Time	Display	Message
Beginning to use	—	—
Approx. 17,500 hours (approx. 2 years when operated 24 hours a day)	The unit replacement indicator flashes (in red) 	<ul style="list-style-type: none"> • Suggest replacing Plasmacluster Ion Generating Unit
Approx. 19,000 hours (approx. 2 years and 2 months when operated 24 hours a day)	The unit replacement indicator flashes (in red) 	<ul style="list-style-type: none"> • Stop using. • Replace the Plasmacluster Ion Generating Unit.
After replacement of Plasmacluster Ion Generating Unit	The unit replacement indicator is not lit 	<ul style="list-style-type: none"> • Operation is allowed.

Replacement of Plasmacluster Ion Generating Unit

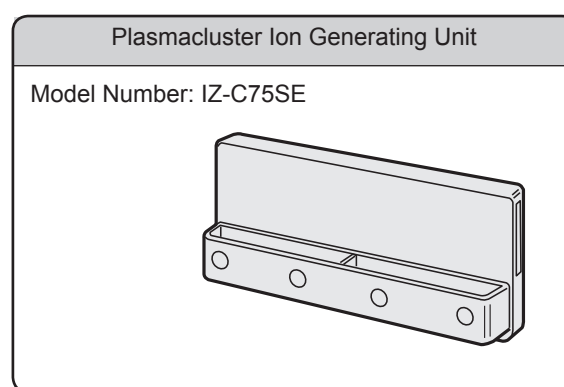
<For Disposal>

Please dispose of the used Plasmacluster Ion Generating Unit according to your local laws and regulations.

-Materials-

Shell: Polystyrene

Unit: Polyethylene terephthalate (PBT), electrical parts



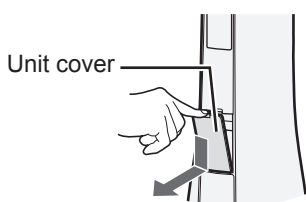
HOW TO REPLACE THE PLASMACLUSTER ION GENERATING UNIT

1

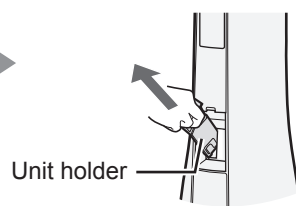
Power off and unplug the unit.
wStart maintenance after the unit is cooled down.

2

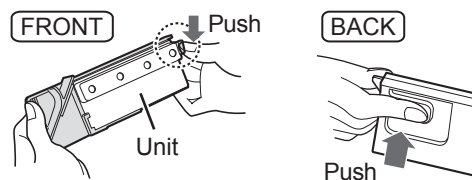
1 Remove the cover pressing the hook and pulling the cover towards yourself.



2 Pull out the unit holder following the direction of the arrow.



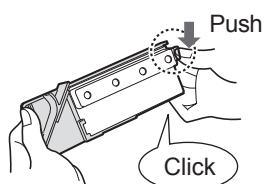
3 Detach the unit from the holder by pushing its front and back at the same time following the direction of the arrow.



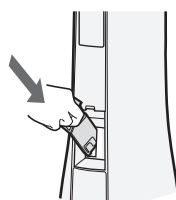
Please do not dispose of the unit holder.

3

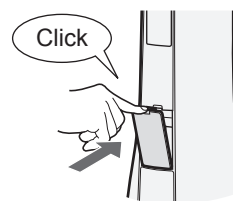
1 Attach a new Plasmacluster Ion Generating Unit to the unit holder.



2 Insert the unit holder into the main unit.



3 Attach the unit cover to the main unit.



4

Connect the plug to start the operation, and check whether the unit replacement indicator goes off.

CAUTION

- After replacement, you may hear "Zi, Zi ..." sound (generated by emission of Plasmacluster ions) become louder, however, it is normal because the Plasmacluster Ion Generating Unit has been replaced with a new one. It is not a failure.
- Do not touch the connection terminal (page E-17). (Doing so could lead to failures in the unit.)

Specifications

Rated input	AC 220 V 50 Hz			
Dimension (mm)	(W) 260 x (L) 270 x (H) 720			
Weight (kg)	Approx. 6.6			
Power cord length (m)	Approx. 1.8			
Operating mode	Hot fan mode		Cool Fan mode	
High density Plasmacluster 25000 applicable floor area (standard) *1	(10.0 m ²)		(13.2 m ²)	
Fan speed	Fan speed "6"	Fan speed "1"	Fan speed "6"	Fan speed "1"
Power consumption (W) *2	1,200	520	20	5.5
Noise level (dB)	42	24	49	24
Timer	ON timer: 1, 2, 4, or 6 hour(s); OFF timer: 1, 2, 4, or 6 hour(s)			
Safety functions	Auto-off function • Current fuse (5 A × 2, 2.5 A × 1) • Temperature limiter (Heat thermistor • thermostat × 2)			

*1 The number of ions projected into every 1 cm³ of air is 25,000, which is measured around the center of a room with applicable floor area (at 1.2 m above the floor) when the product is placed close to a wall and operating at fan speed "6" (without vertical or horizontal swing).

*2 1,270 W when operating at the highest "hot fan" speed (with vertical/horizontal swing, and the room temperature is 15°C before the Auto Fan Speed mode is reached.)

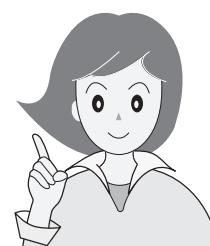
TROUBLESHOOTING

Please check "FREQUENTLY ASKED QUESTIONS" (page E-2).

	PROBLEMS	WHAT TO DO	Reference page
During the operation	Operation fails • The indicators on Display/Operation panel are turned off.	• Is the plug securely inserted, and is the fuse or circuit breaker damaged?	—
	• The product does not operate when operation buttons are pressed.	• Is the child lock set? Cancel the child lock.	E-15
	• The HOT FAN indicator (orange) on the display panel and FAN SPEED indicator light 6 (orange) on the operation panel are flashing.	• Is the product tilted in an upright position? (Tip-over Auto-off function started.)	E-5
	• No hot air	• Is the room temperature excessively high during hot fan (auto) operation? (Higher than 26°C.) • Is the room temperature and humidity excessively high during patrolling operation?	E-10 E-13
	The airflow is weak	• Is the air outlet blocked? • Is the filter of the air inlet obstructed?	E-5 E-16
Display	The UNIT REPLACEMENT indicator light (red) flashes	• It's time to replace the Plasmacluster Ion Generating Unit. ⇒ Replace with a new one. • If it exceeds the replacement time limit, the UNIT REPLACEMENT indicator light (red) will blink rapidly.	E-18 E-18
	The FILTER CLEAN indicator light (orange) is lit	• Perform maintenance on the filter. Is the RESET button pressed? ⇒ Press for 3 seconds or more.	E-16 E-16
	The OFF TIMER indicator light (white) and "H" of TIMER indicator light flash	• Does the hot fan/foot warming operation continue for more than 8 hours? (With the Auto-off function, the hot fan operation will stop automatically after 8 hours of continuous operation.) • Does the hot fan/foot warming operation continue for more than 2 hours in ON Timer mode? (With the Auto-off function, the hot fan operation will stop automatically after 2 hours of continuous operation.)	E-5 E-9 E-5 E-12
	When the PATROLLING light (orange) is lit, or the PATROLLING light (red) is lit and blinks, the following indications will be displayed: (flashing)	• Indicated by the result of the patrolling function. ⇒ It's suggested to adjust the temperature and humidity according to the indoor environment.	E-13 E-14
Sound	A "click" sound is heard	• It's the operation sound, not a failure.	—
	The air outlet sends out sounds like "buzz" or "Zi...zi...zi..."	• Sometimes, the ion discharging sound may be loud, soft, or silent depending on the room environment, and it has no impact on the unit.	—
	A cracking sound is heard	• Is the filter of the air inlet obstructed? ⇒ Perform maintenance on the filter.	E-16

ENGLISH

Check these items once again before sending for repair or consulting.



	PROBLEMS	WHAT TO DO	Reference page
Odor	The air from the outlet has an odor	<ul style="list-style-type: none"> There may be odor from the product right after start using. But it will be recuded. There will be a tiny amount of ozone emitted along with Plasmacluster ions, so the air from the outlet may have an odor. But the ozone content is the same with that in nature, such as forests, and wouldn't give any impact to our health. 	—
	The remote control does not operate.	<ul style="list-style-type: none"> Batteries are provided for you to use the unit for the first time, and may run out after a short period of time. Are the batteries inserted correctly? Have the batteries run out? ⇒ Replace with new batteries. Is there an obstacle between the remote control and the receiver? Is the child lock set? ([] will be displayed for 1 second) ⇒ Cancel the child lock. 	— E-8 E-8 E-8 E-15
Swing	Failure to start vertical/horizontal swing	<ul style="list-style-type: none"> No vertical swing in approximately 10 seconds after starting the operation. Is the child lock set? ⇒ Cancel the child lock. When there is no horizontal swing or louver movement for 20 seconds after starting the operation of horizontal or vertical swing, please immediately remove the plug from the power outlet, and contact the store you purchased the product from or Sharp service center. 	E-11 E-15 E-11
Digital display		<ul style="list-style-type: none"> Plasmacluster ions are not released. ⇒ Clean the electrode section with the attached cleaning brush. 	E-17
		<ul style="list-style-type: none"> Is the air outlet blocked? Is the filter of the air inlet obstructed? ⇒ Perform maintenance on the filter. 	E-5 E-16
		<ul style="list-style-type: none"> Is the unit correctly connected? ⇒ Take out the unit, and insert it securely, and start the operation again. 	E-17
		<ul style="list-style-type: none"> Unplug the unit, and insert the plug again after 1 minute to start the operation. 	—
		<ul style="list-style-type: none"> Is the child lock set? ⇒ Cancel the child lock, and start the operation. 	E-15

MEMO

ENGLISH

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• 操作面板/顯示屏幕	C-7
• 遙控器	C-8
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• 主機	C-16
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- 雖然IG-HH1A能夠抑制和去除懸浮的病毒以及其他污染物，但不能完全營造一個無菌的環境。SHARP對該產品防止微生物感染的能力不提供保證。
- 為穩定釋出高濃度的Plasmacluster正負離子，需要定期更換安裝於IG-HH1A內部的HD離子產生器*。

* 在24小時連續運行的情況下，大約每2年（17,500小時）需要進行一次更換；
HD離子產生器將在大約2年2個月（19,000小時）後停止運行。

感謝您購買SHARP冷暖離子抗菌機。
在使用冷暖離子抗菌機前請詳細閱讀本手冊。
閱讀後請妥善保存本手冊，以便日後查閱。
關於本手冊中提供的資訊，如有更改，恕不另行通知。

常見問題

有關故障時的解決方法，請參照第 C-20~C-21頁。

Q 有定時開機/關機功能嗎？

A 在運轉期間按下定時器按鈕，即可設定「定時關機」功能。（參見C-12）
在運轉停止時按下定時器按鈕，即可設定「定時開機」功能。（參見C-12）
※「定時關機」與「定時開機」功能無法同時設定。

Q 使用遙控器可以開啟暖風操作嗎？

A 基於安全考慮，暖風/足部暖風模式的開始和定時器設定，不能使用遙控器操作。

Q 主機停止操作？

A ●請確認插頭是否正確插入？請正確插入。（參見C-3）
●屋內的保險絲及斷路器有沒有斷掉？
電源請使用220V 13A 以上的插座。
●HD離子產生器是否插入到底？請插入到底。（參見C-19）
●主機是否傾斜？請設置於水平位置。（參見C-5）
●是否設定了兒童鎖？請解除兒童鎖設定。（參見C-15）

Q 操作時，主機發出「喀嗒」或「咔噠」的聲音？

A 這是產生Plasmacluster正負離子時發出的聲音，並非故障。
（聲音的間隔可能會有變化）
根據使用環境、運轉模式的不同，有時感覺聲音較大，有時又聽不到，但Plasmacluster正負離子的效果是不變的。
※離子會固定產生，與運轉模式無關。

重要安全事項

為避免人身傷害及財產損失，請務必遵守以下注意事項。

■操作不當而造成的潛在危險分為以下類別。

警告 「可能導致死亡或重傷」的風險。

注意 「可能導致輕傷或財產損失」的風險。

警告

避免火警、漏電、觸電或受傷

電源線、插頭和插座

- 只可使用220V插座。
(否則可能會引發火災、觸電)
- 請勿損傷、破壞、加工、任意彎曲、拉扯電源線，也不要使電源線接近高溫設備。
- 請勿在電源線上放置重物，及擠壓電源線。
(以防電源線破損造成火災和觸電)
- 請勿將電源線捆紮後通電。
(電源線過熱可能會引發火災、觸電)
- 請勿以潮濕的手拔插電源插頭。
(否則可能會引致觸電及受傷)
- 如果電源線與插頭變形、損傷、發熱、移動電源線會造成通電斷斷續續，以及插頭插入插座時出現鬆動情況，請勿使用。
(否則可能會造成觸電或短路，引致冒煙和火災)
- 若電源線損壞時，必須由製造廠商或其維修中心或具有相關資格的技術人員負責更換，以避免危險。
- 如果操作出現異常情況，請立即停止運轉，並拔出插頭。
(否則可能會引發火災、觸電)
- 使用額定13A (安培) 的插座。
(請勿與其他電器共用插座，否則可能會出現異常發熱而引發火災)
- 將插頭切實地插入插座至底部。
(以免造成觸電或短路，引發冒煙和火災)
- 需定期清潔插頭的灰塵與雜物。
(如有灰塵堆積，會因濕氣而造成絕緣不良，引發火災)
- 保養時務必拔掉插頭。
(否則可能會突然啟動運轉，引起燙傷或觸電)

使用及清潔時

- 為了避免過熱，請勿遮蓋主機。
- 請勿將手指或異物 (釘子、鐵絲或棒子) 放入空氣進氣口和出風口的孔及縫隙裡。
(以防觸電或異常動作而受傷)
- 請勿將噴霧罐等危險物品放置於主機附近。
(高溫會導致噴霧罐壓力上升，可能會引發爆炸及火災)
- 切勿對主機進行改裝或加工，除了維修技術人員外，不要自行拆解和維修。
(否則可能會引發火災、觸電，而且內部有高壓電部分，觸摸會產生危險)
- 保養時請勿使用含氯、酸性的清潔劑。
(清潔劑會產生有毒氣體，危害健康)
- 等到機器冷卻之後，才進行清潔保養。
請在停止運轉後等待約30分鐘以上，才開始進行。
(以免燙傷、觸電)
- 因此機沒有配備控制室溫的裝置，身體官能或心智能力退化者在無監督人的指導下，請勿在小房間使用。
- 請特別留意周圍的人 (以免造成燙傷)
請特別注意以下人士：
 - 嬰幼兒
 - 自己無法操作機器的人士
- 除非得到監護人或負責其安全人士的適當監督或指導，否則，本機不適合身體官能或心智能力退化者，或缺乏操作經驗和知識的人士 (包括兒童) 使用。本機不應該作為兒童的玩具。在沒有監督的情況下，兒童不應該對本機進行清潔保養。

注意

避免觸電和受傷，保護財產等

電源線、插頭和插座

- 請勿使用拖板，或同時連接多條電線。
(插座可能會異常發熱而引發火災)

- 不使用時，請將插頭從插座拔出。
(否則可能會造成外傷、燙傷、因絕緣老化而引發的觸電、漏電、火災)

- 拔插頭時務必抓住插頭拔出。
(否則可能會造成觸電或短路從而引發火災)

使用與安裝時

- 請勿將暖風運轉用於乾燥等其他用途。
- 運轉時切勿將衣服和被褥蓋住主機。
另外，不要堵塞出風口、空氣吸入口等處。
- 切勿在易燃物附近使用暖風運轉。
請勿在窗簾、被褥等易燃物附近，以及桌子下方，和四周被圍住的地方使用。
(否則可能會引致過熱與火災)
- 請勿對著寵物使用。
(寵物可能會損壞主機與電源線，從而引發火災)
- 請勿接觸高溫部分。
在使用過程中，及剛使用完畢後，不要接觸高溫部分如暖風出風口，臉等部位也不要靠近，
另外不要用手直接調節暖風出風口的風向。
(以免造成燙傷)

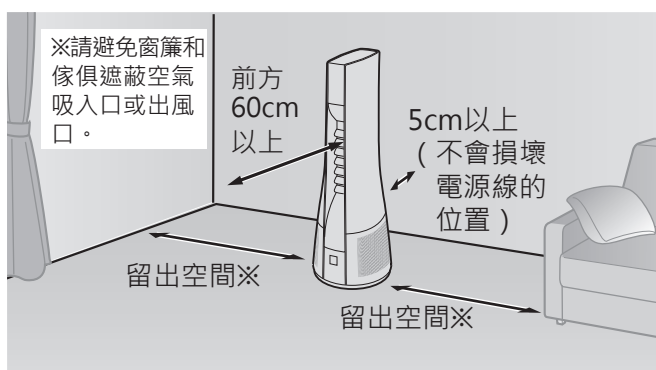
- 請勿將主機放置於其他電器產品上。
請勿在暖氣、電視機等電器產品，以及受熱能力差的桌子等上面使用。
(以免造成跌落、觸電、短路，或主機底部受熱而變色、變形)
- 請勿將其放置於不穩定的地方。
(否則可能會跌落從而引發觸電、短路)
- 請勿長時間對著身體吹風。
(否則可能會引致低溫、燙傷及身體狀態欠佳，危及健康)
- 請勿將茶或水潑在機器上。
萬一將茶或水潑在機器上，請馬上停止使用，然後委託您購買本產品的銷售店或SHARP授權的維修中心進行檢查維修。
(以防造成過熱、觸電)
- 請勿在浴室和使用水的地方使用。
(否則可能會造成觸電、短路，引發火災)
- 請勿放置於嬰幼兒能觸及到的地方。
(以免由於錯誤操作導致身體受傷及誤食電池)
- 主機不得直接放置於電源插座下方。

- 在主機附近請勿使用由氟樹脂或矽酮配製的化妝品等。
* 護髮產品 (防止頭髮分叉洗髮水、噴髮膠、護髮素等)、化妝品、止汗劑、防靜電劑、防水噴霧、拋光劑、玻璃清潔劑、化學抹布、蠟等。
如果主機內部附著氟樹脂、矽酮等的絕緣體，有可能導致無法產生離子。(出錯顯示「U3」) 此時，請對HD離子產生器進行保養清潔。(參見C-17)

希望您瞭解的內容

安裝須知

請將機器擺放在適當的地方。



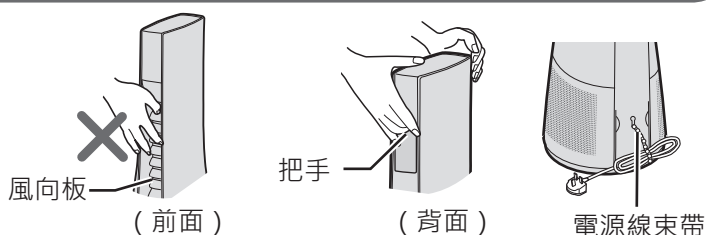
- 如主機在牆壁或傢俱附近使用，可能會令其變髒或變形。請在主機的左側或右側預留足夠空間，而在另一側預留最少5cm的空間。(建議預留30cm以上)。
- 運轉時請勿堵塞空氣出風口。(前方請保留60cm左右的間隔)
- 暖風運轉左右擺動時，請調節擺動方向以免暖風吹到窗簾等上面。否則可能會使其變髒或變形。
- 請務必擺放於平穩的地板上。

- 請於約0~35°C的房間內使用。結露和外來的熱量可能造成故障。
- 請遠離陽光直射的地方，否則可能會造成變形、變質、變色。
- 請勿放置於暖氣裝置出風處或窗戶附近。這樣可能會造成變形、變質、變色和感測器出錯。
- 請放置於能承受重物的地方。否則可能會造成地板凹陷和留下痕跡。
- 如在同一地點長時間使用時，請注意產品下面的地板和周邊牆壁是否變髒。(請經常移動產品，並清掃地板及牆壁等處)
- 如果電視機和收音機受到雜訊干擾，或是電波時鐘無法正確顯示時間，安裝時請儘量遠離電視機、收音機、電波時鐘等物件。

移動時的注意事項

※務必停止運轉，待機器冷卻後才進行移動。

- 手指務必放進把手裡，用手向上提起移動。
- 請務必雙手提起。
- 請勿用手抓住出風口的風向板。
- 移動時，請將電源線用束帶捆綁，固定於主機背面的電源線掛鉤上。



關於安全設定 (僅在暖風運轉時/足部暖風運轉時操作)

自動關機功能 (以防忘記關機)

按下暖風運轉按鈕或足部暖風運轉按鈕8個小時後，主機會自動停止運轉。

若主機是由「定時開機」功能啟動，主機則會於2小時後停止運轉。

主機停止後，定時關機指示燈及定時器指示燈「H」會閃爍，其他指示燈熄滅。

再次啟動時，請先按下定時器按鈕或運轉停止按鈕，待定時閃爍燈熄滅以後，才再次啟動運轉操作。

※當「定時關機」功能設定時，「定時關機」功能將優先於自動關機功能。

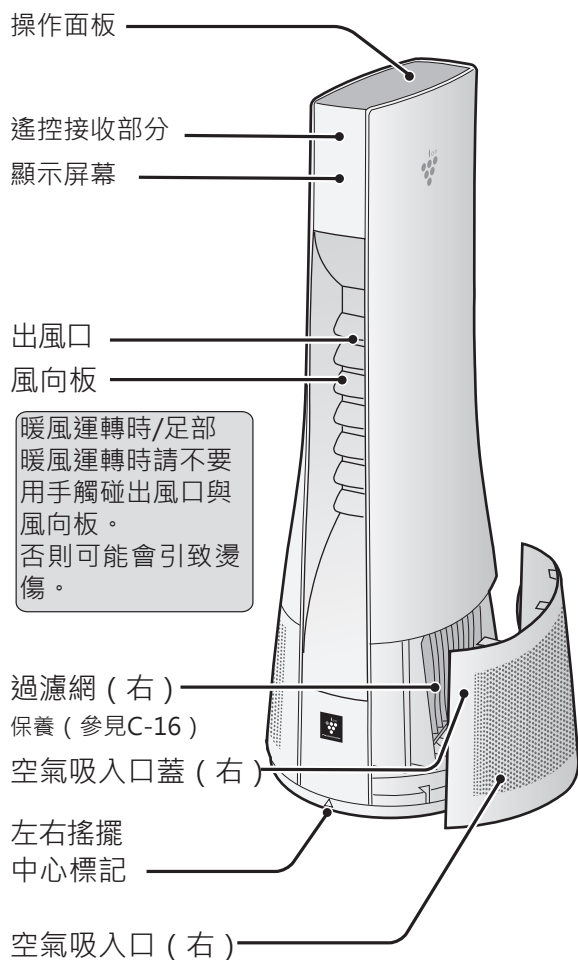
翻倒自動關機功能

機器受強烈震動和衝擊時，顯示屏幕的暖風運轉指示燈 (橙色) 和操作面板的風量指示燈6 (橙色) 將會閃爍，主機自動停止運轉。若需再次啟動運轉，請先按下運轉停止按鈕，待指示燈閃爍熄滅，然後再次開始運轉操作。

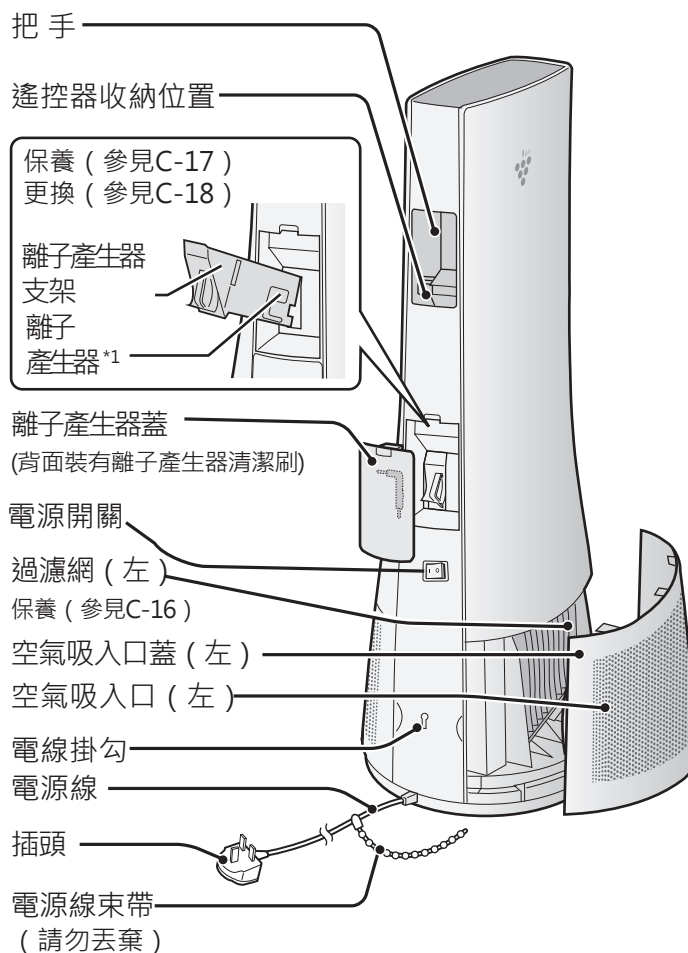
各部分名稱

主機

前面



背面



配件

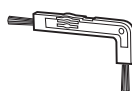
開封後的包裝如下圖所示。



剛開始使用時，可能有橡膠的氣味，隨著您的使用，氣味也會逐漸消失。

*1 離子產生器是指HD離子產生器。(以下相同)除了保養與更換之外，請勿自行拆除。

清潔刷
(裝在離子產生器蓋背面)



請勿將清潔刷用於離子產生器以外之處。

印刷品附件

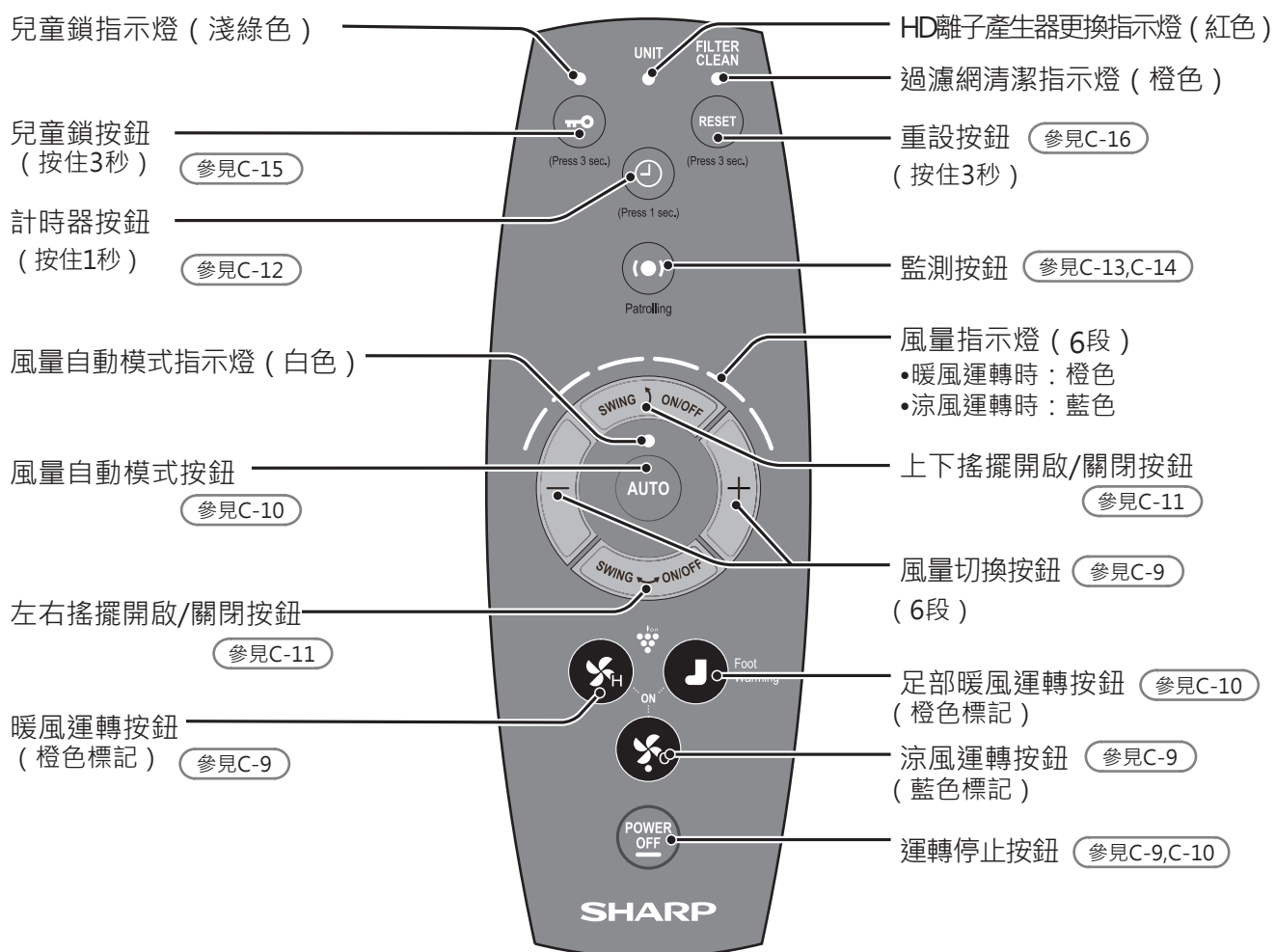
● 操作說明書 (1本)

中文

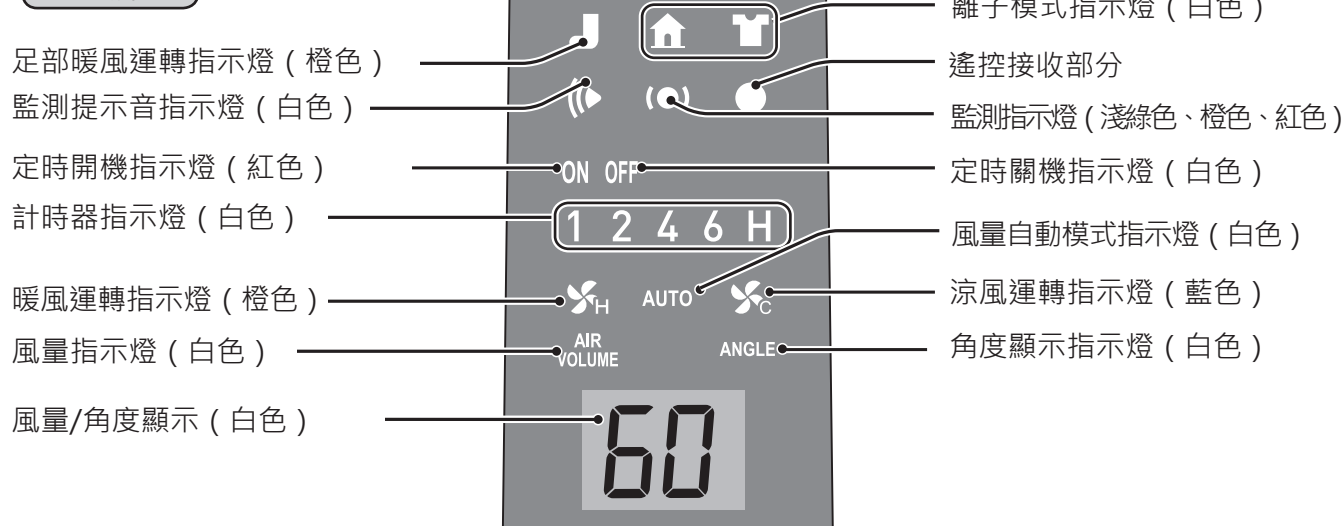
各部分名稱 (續)

操作面板/顯示屏幕

操作面板



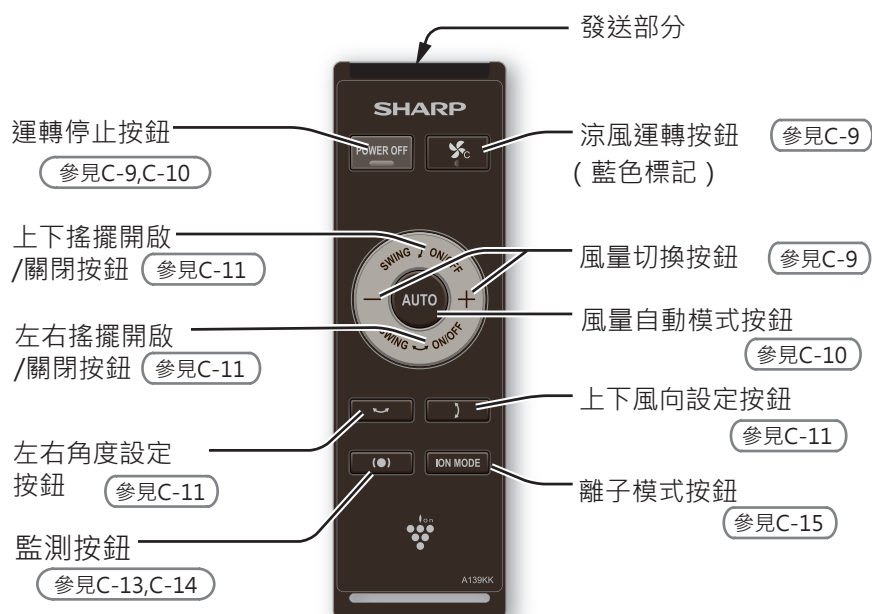
顯示屏幕



C-7

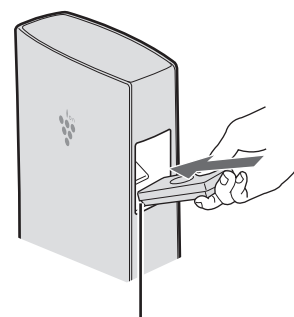
遙控器

※用遙控器無法開啟暖風運轉/足部暖風運轉及定時器功能。
(為防止錯誤操作，造成非操作人意願的暖風運轉)



將遙控器收納進主機時

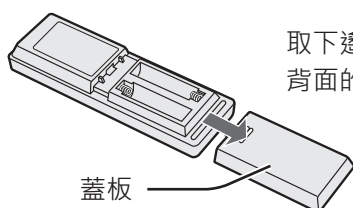
請收納至主機背面的收納位置。



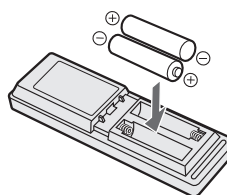
遙控器收納位置

更換遙控器電池

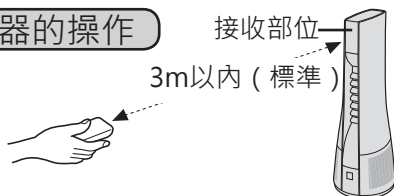
1



2



關於遙控器的操作



請將遙控器的發送部分，指向主機的接收部分進行操作。如指向接收部分以外的方向，或在遙控器的發送部分與主機的接收部分有障礙物存在，可能會無法操作。



注意

- 當電池快消耗完時，遙控器操作的範圍會變小。
- 在變頻式照明燈具下或陽光直射的地方，遙控的接收靈敏度會下降，有時可能會無法操作。
- 如電池的使用方法不正確，會造成液漏以致腐蝕產品，也有發生爆炸的可能。
- 請勿將電池充電、短路、拆解或加熱。
- 更換時請使用2個相同的新電池。
- 長時間不使用時請取出電池。(防止液體洩漏導致故障發生)
- 遙控器請不要放在嬰幼兒能觸及到的範圍內。(以免由於錯誤操作導致身體受傷及誤食電池)
- 電池溶液一旦進入眼睛，或沾在皮膚、衣服上時，請立即用清潔的水沖洗，並且就醫。

主機操作



請在開始操作前先開啟主機背面的電源開關。

注意

暖風運轉時請勿觸碰空氣出風口及風向板。

【避免燙傷】

暖風運轉 / 停止

運轉

① 主機



嗶

※遙控器無法啟動暖風運轉。

(橙色標記)

② 選擇合適的風量。

主機/遙控器



或



風量切換按鈕

風量自動模式按鈕

- 將插頭插入插座，開啟主機背面的電源開關，第一次運轉時，或將涼風運轉切換為暖風運轉時，風量以「自動」模式運轉。

- 風量指示燈和暖風運轉指示燈亮起。
(暖風運轉時風量指示燈為橙色)

操作面板

顯示屏幕



- 由於有自動關機功能，暖風運轉開始8小時後，運轉會自動停止。

參見C-5

- 使用風量切換按鈕可選擇風量1到6級（6段風量），風量自動模式按鈕可選擇風量「自動」模式。
- 隨著風量的大小，風量顯示燈（ 橙色 ）會亮起，風量顯示也會變化。

停止

主機



遙控器



嗶 -

- 暖風運轉停止前會出現如下情況，之後停止運轉。

- ①所有指示燈熄滅
- ②為使主機內部冷卻，涼風約30秒後停止運轉

- 在運轉停止之前請勿拔出插頭。

涼風運轉/停止

運轉

① 主機



嗶

遙控器



(藍色標記)

② 選擇合適的風量。

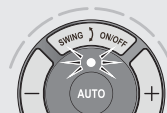
(同暖風運轉的操作相同)

- 將插頭插入插座，開啟主機背面的電源開關，第一次運轉時，或將暖風運轉切換為涼風運轉時，風量以「自動」模式運轉。

- 風量指示燈與涼風運轉指示燈亮起。
(涼風運轉時，風量指示燈為藍色)

操作面板

顯示屏幕



- 使用風量切換按鈕可選擇風量1到6級（6段風量），風量自動模式按鈕可選擇風量「自動」模式。
- 隨著風量的大小，風量顯示燈（ 藍色 ）會亮起，風量顯示也會變化。

停止

主機

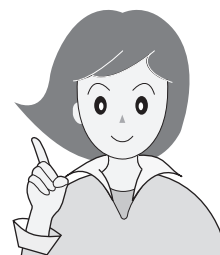


遙控器



嗶 -

- Plasmacluster正負離子在所有的運轉模式下都會產生。
- 使用主機與遙控器的運轉停止按鈕停止運轉時，會儲存停止前的運轉狀態。
(有儲存記憶功能)
- 定時器的設定與自動離子淨化模式、衣物除臭模式的設定不會受到儲存。
- 停電或拔出插頭後，儲存內容將會消失。




足部暖風運轉/停止

暖風集中向下吹送，以腳部為中心加熱。

運轉

主機

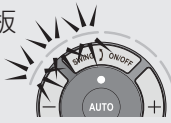


Foot Warming
(橙色標記)


※遙控器無法啟動足部暖風運轉。

● 風量指示燈、足部暖風運轉指示燈、暖風運轉顯示燈亮起。
(足部暖風運轉時風量指示燈為橙色)

操作面板



顯示屏幕

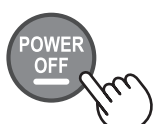


● 足部暖風運轉時按以下設定運轉。
風量：3級 上下搖擺：上10°~下40° 左右搖擺：30°

● 由於有自動關機功能，足部暖風運轉開始8小時後，運轉會自動停止。 (參見C-5)

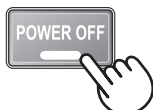
停止

主機



POWER OFF

遙控器



POWER OFF

● 足部暖風運轉停止前會出現如下情況，之後停止運轉。

- ① 所有的指示燈熄滅
- ② 為使主機內部冷卻，涼風約30秒後停止運轉。

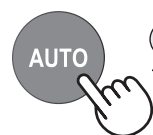
● 在運轉停止前請勿拔掉插頭。

方便的功能

風量自動模式

主機/遙控器

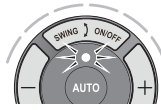
主機/遙控器




AUTO

顯示

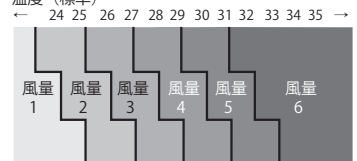
操作面板



顯示屏幕



解除時，請再次按下風量自動模式按鈕或風量切換按鈕。

暖風運轉時	<p>自動進行風量切換，運轉使室溫達到約22度。 (開始運轉後，無論室溫怎樣，約2分鐘內風量從1級上升至6級)</p> <p>快速暖氣運轉：室溫不足15°C時，會以比風量「6」級更強的風量，運轉約20分鐘。 (風量指示燈：所有指示燈→從左向右依次熄滅)</p> <ul style="list-style-type: none"> ● 當濕度為65%以上時，自動進行暖風運轉使室溫達到約20°C的狀態。 ● 由於房間大小等因素，室溫也可能達不到22°C。 ● 當室溫為約26°C以上時，會停止運轉 (風量自動模式指示燈：亮起，風量指示燈：熄滅)，當室溫為約21°C以下時會再次開啟運轉。 (當濕度超過65%時，室溫超過約24°C即停止運轉/室溫為約19°C以下時會再次開啟運轉)
涼風運轉時	<p>根據室溫、濕度，以最合適的風量進行運轉。 (開始運轉後，無論室溫如何，約2分鐘以風量3級運轉)</p> <div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>溫度 (標準)</p> <p>← 24 25 26 27 28 29 30 31 32 33 34 35 →</p> <p>濕度 (高濕)</p> <p>(中濕)</p> <p>(低濕)</p> </div> <div style="flex: 2;">  </div> </div>

方便的功能(續)

注意

請勿直接用手調整風向板。

【否則可能會引起燙傷及故障】

風向板上下搖擺/風向設定

上下搖擺

「開始上下搖擺」

- 從向上60°到向下40°擺動。

主機/遙控器



(「開啟」指示燈閃爍)

「停止上下搖擺」

- 可停止在您認為合適的位置。

主機/遙控器

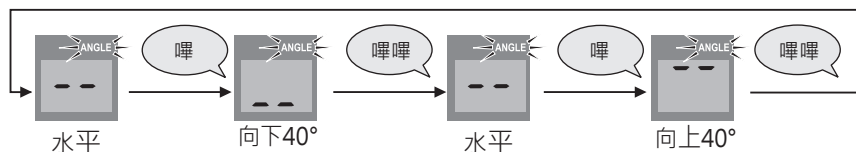


風向設定

選擇合適的風向

※初始設定的位置為水平。

遙控器



注意

關於「風向板上下搖擺/風向設定」、「左右搖擺/角度設定」

- 請勿直接用手調整上下左右搖擺的角度。(可能會引起燙傷及故障)
- 請勿碰觸運轉中的風向板。(可能會造成外傷、燙傷及故障)
- 在開始運轉約10秒鐘時間內，風向板無動作。
- 在上下左右擺動過程中，有時會暫停動作，這並非故障。
- 上下左右搖擺開始，當左右搖擺及風向板在等待20秒後仍無動作，請立即從插座拔掉插頭，然後聯繫您購買本產品的銷售店或SHARP授權的維修中心。

左右搖擺/角度設定

左右搖擺

「左右搖擺開始」

- 左右搖擺開始時的角度為15°。

主機/遙控器



「左右搖擺停止」

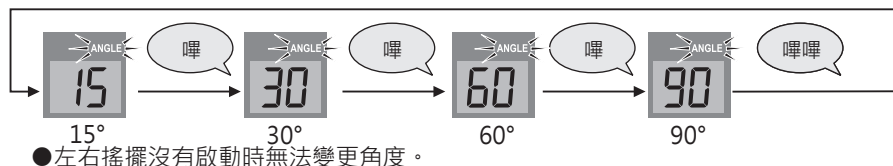
- 可停止在您認為合適的位置。

主機/遙控器



角度設定

遙控器



- 左右搖擺沒有啟動時無法變更角度。

關於左右搖擺的中心位置

- 插入插頭後(包括電閘關閉或停電)，第一次按下左右搖擺按鈕與離子模式按鈕/足部暖風運轉按鈕，將自動確認中心位置。
- 在確認中心位置時(大約20秒)，無法進行角度設定。
- 左右擺動時，主機的△標記(△標記)為搖擺角度的中心位置。(參見C-6)
- 設置主機時，請將△標記對著擺動時希望風吹到的範圍的中心位置附近。
- 萬一中心位置偏離，請將插頭拔出後再插入，然後開始左右搖擺操作，以重新調整中心位置。

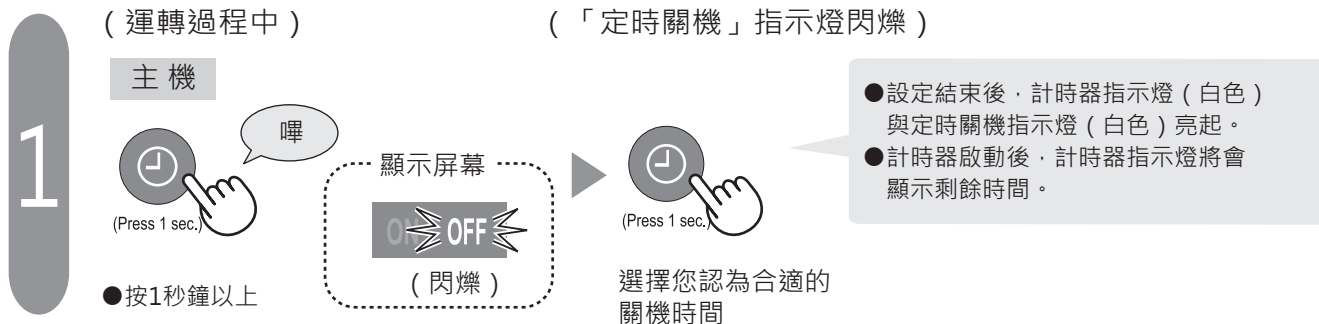
在確認中心位置時，數字顯示會變化，並左右擺動。



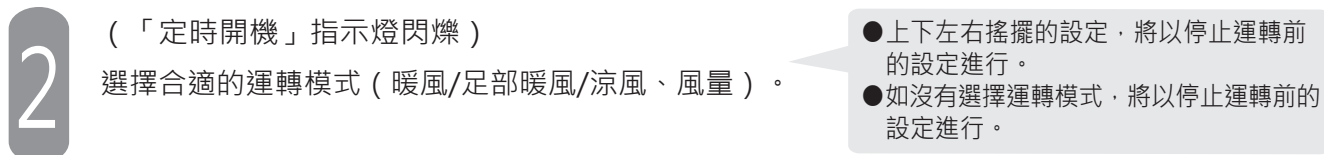
定時開機/關機

※定時開機/關機無法同時進行設定。

定時關機（當到了所設定的時間時，將自動停止運轉）



定時開機（當到了所設定的時間時，將自動開始運轉）



⌚ 每按一次，計時器指示燈切換如下。（定時關機/定時開機）



※若想解除計時器設定，請再次按下計時器按鈕1秒鐘，使計時器指示燈熄滅。

注意

- 在定時開機狀態下，暖風運轉/足部暖風運轉開啟時，自動關機功能將啟動，在運轉2小時後將自動停止。
(涼風運轉將繼續運轉)
- 參見C-5
- 拔下插頭（包括電閘關閉或停電），定時開機設定時的運轉模式記憶將消失，恢復至出廠設定（涼風運轉、風量自動運轉、無上下左右擺動）。
- 定時開機設定結束後，按下暖風/足部送風/涼風運轉按鈕，便會即時解除定時開機設定，開始運轉。
- 定時開機設定結束後，如拔下插頭，定時開機即解除。
- 離子淨化模式與衣物除臭模式下，無法設定定時開機。

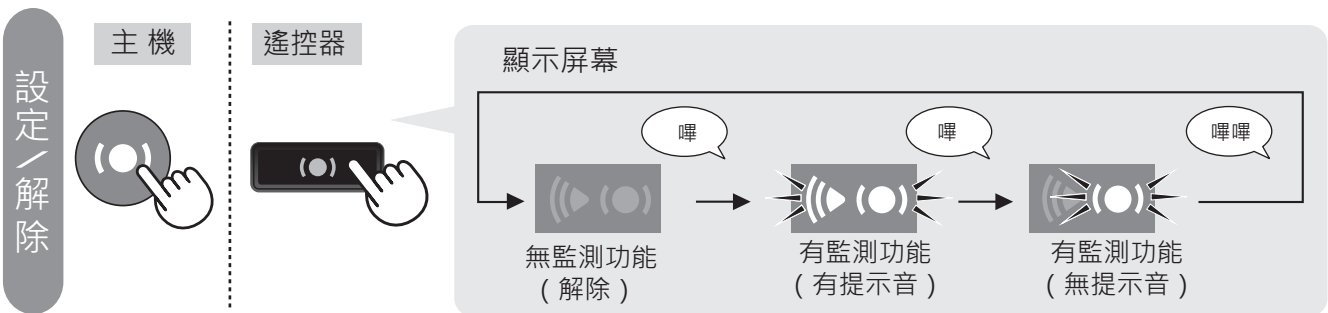
方便的功能(續)

監測功能

※本功能可以讓您瞭解房間的狀況。本產品無法調節溫度及濕度。

如設定了監測功能，感測器會檢測房間的溫度、濕度等需要注意的狀態，並以指示燈的顏色及聲音通知您。有「高溫、高濕監測」和「乾燥、低溫監測」兩種監測運轉模式。

※也可將提示音設定為靜音。

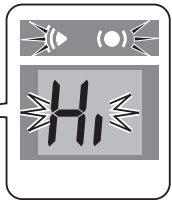


高溫、高濕監測

如出現高溫、高濕等情況，會以指示燈和聲音提示。當出現以下表格中的溫濕度範圍B~D時，暖風或足部暖風運轉無法啟動。暖風或足部暖風在運轉過程中，將自動切換至涼風運轉。

<顯示屏幕>

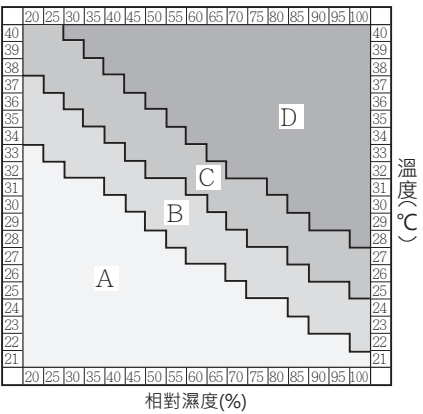
監測指示燈 (●)	提示音	室內環境	運轉時風量	溫濕度區域 (下表)
紅色閃爍	嗶嗶嗶嗶嗶.....(30秒鐘)	高溫、高濕	風量6級 (涼風)	D
紅色	嗶嗶嗶嗶 - 嗶嗶嗶嗶 - (30秒鐘)		設定風量 (涼風)	C
橙色	無	稍微高溫、高濕		B
淺綠色	無	非高溫、高濕		A



建議依照室內環境，降低室溫或補充水分。

日常生活中的防中暑指南 (來源：日本生氣象學會主頁)

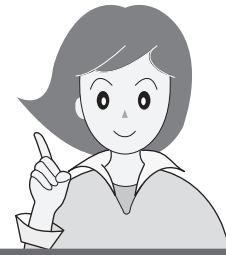
溫度基準	應該注意生活活動標準	注意事項
D 危險	所有的生活活動引發的危險性	老年人在安靜狀態下也可能會發生危險，儘量避免外出，並移動到清涼的室內。
C 嚴重警戒		外出時避開烈日，在室內注意勿使室溫上升。
B 警戒	中等程度以上的生活活動引發的危險性	在運動和劇烈勞動時，需定期充分地休息。
A 注意	強烈的生活活動引發的危險性	一般情況下危險性很小，但在劇烈運動和重體力勞動時可能會發生危險。



注意

- 並非防中暑功能，請將此功能僅作為參考使用。
- 在設定監測功能過程中，如按下離子模式按鈕，將按照所選擇的離子模式風量運轉。

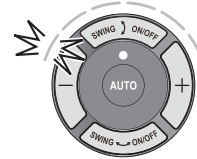
根據產品的設置場所（冷暖氣、除濕機、加濕機附近）與使用環境，有時可能無法準確檢測溫濕度。



關於停止狀態下的監測功能

- 即使在運轉停止狀態下按下監測按鈕，也可設定監測功能。
在運轉停止狀態下設定監測功能時，以風量1級送風的同時監測功能開始工作，操作面板的風量指示燈1（藍色）閃爍。

操作面板



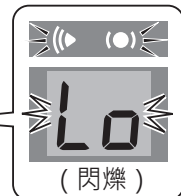
- 如因外出等原因而長時間不使用時，請解除監測功能，或將插頭從插座拔出。
- 當提示音響起時，按下任意按鈕，提示音即暫停，請在提示音停止後再進行監測功能的解除等操作。

乾燥、低溫監測

如果溫濕度達到容易滋生病毒的狀態，會以指示燈和提示音提示。

監測指示燈 (●)	提示音	室內環境	運轉時的風量	溫濕度區域 (下表)
紅色閃爍	嗶嗶嗶嗶 (1次)	乾燥、低溫	設定風量	(3)
淺綠色	無	非乾燥、低溫		(1)•(2)

<顯示屏幕>



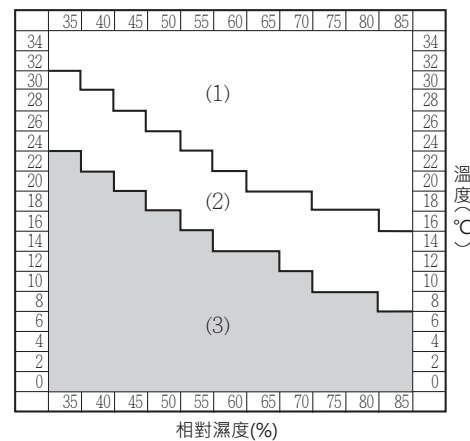
乾燥、低濕環境為容易滋生病毒的環境，因此建議根據室內環境，提高室溫或給環境加濕。

資料提供：日本宮城縣仙台市 莊司內科小兒科醫院 院長 莊司真先生

右邊表格	絕對濕度 (* 1)	病毒生存環境	存活率 (* 2)
(1)	超過11g	病毒難以生存的環境	0%-數%
(2)	11g以下	病毒可能生存的環境	5%
(3)	7g以下	病毒適於生存的環境	20%

* 1 絕對濕度是指與室溫無關，1m³體積的空氣中包含的水蒸氣的量，用克表示。另一方面，一般的天氣預報等所使用的濕度稱為相對濕度，表示對於在某種溫度上的飽和水蒸氣量，此時的空氣中水蒸氣的比率，用百分比表示。因此，即使是同樣的相對濕度60%，在15°C時絕對濕度約為8g，30°C時絕對濕度約為18g，是有差別的。

* 2 空氣中釋放出來的病毒在不同環境下6小時後的存活率。



注意

- 提示容易滋生病毒的乾燥狀態、低溫狀態，並非提示病毒本身的存在。
 - 即使「綠色」的監測指示燈亮起，也不保證可以預防感染。
- 總之，請注意在日常生活中，創造能夠預防感染的環境。

方便的功能 (續)

離子模式運轉

所有運轉模式下都會產生Plasmacluster正負離子。
※離子淨化模式、衣服除臭模式自動切換至涼風運轉。

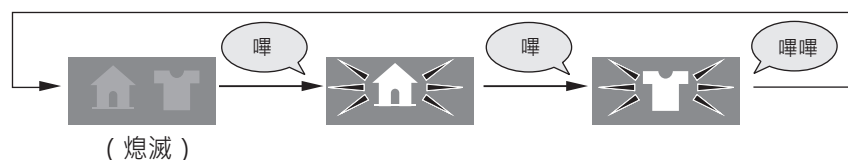
1

(運轉過程中)

遙控器

ION MODE

選擇合適的離子模式。(有以下三個模式)



普通運轉模式

●平時請使用普通運轉模式。



離子淨化模式 (涼風運轉)

●將Plasmacluster正負離子傳遞到房間更廣泛的區域。
●在涼風運轉的風量6級、左右搖擺角度90度、上下搖擺ON狀態下運轉，1小時後自動停止運轉。



衣物除臭模式 (涼風運轉)

●以直流空氣向著衣物吹送，在Plasmacluster正負離子的作用下消除沾到衣物上的氣味，達到使您滿意的除臭效果。
●在涼風運轉的風量6級、左右搖擺角度60度、上下搖擺ON狀態下運轉，2小時後自動停止運轉。

- 使用衣物除臭模式時，請在運轉前擺放主機時，將出風口正對著衣物擺放。將欲除臭物件放置於主機正前方，可有效除臭。
- 在離子淨化模式、衣物除臭模式的運轉過程中變為暖風 / 足部暖風、風量、計時器、上下左右搖擺角度時，將切換至普通運轉模式。

兒童鎖

設定／解除

「設定」
主機



(Press 3 sec.)

● 按住3秒以上

「解除」
主機



(Press 3 sec.)

● 按住3秒以上

● 無法用遙控器設定/解除兒童鎖。

注意

●即使設定了兒童鎖，考慮到安全性和使用性，只可進行以下操作。

運轉過程中

- 運轉停止
- 兒童鎖的解除

運轉停止時

- 兒童鎖的解除

保養與清潔

注意

保養時，請務必使機器停止運轉，待主機充分冷卻並將插頭從插座拔下後進行。

【否則可能會引起燙傷、觸電或受傷】

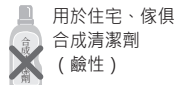
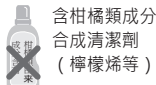
主機

大約1個月1次

用柔軟的抹布擦拭表面。

污垢難以清除時 使用清水及柔和的清潔劑，然後用濕布仔細擦拭，避免有清潔劑殘留。

在保養主機和過濾網時，請勿使用如下物品。
(否則可能會損傷表面，或液體流入機器內部(精密部件)引發故障)



過濾網

※位於左右兩側。
請對左右兩側進行保養。

大約1個月1次

為維持離子濃度，需對過濾網進行清潔保養。即使過濾網清潔指示燈沒有亮起，但如果過濾網被灰塵堵塞，也請對過濾網進行保養。

1

停止運轉，拔出插頭。

※如您在使用暖風運轉或足部暖風運轉，請在主機充分冷卻後進行。

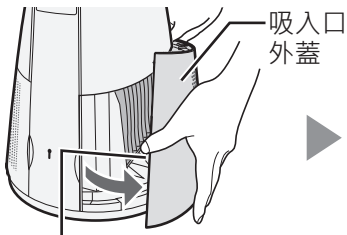
2

①拆下吸入口外蓋。

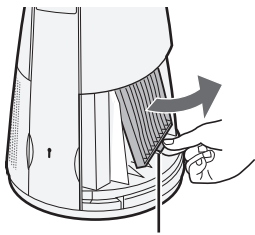
②將過濾網扣勾拉至前方並拆下

③用吸塵器將灰塵清除乾淨。

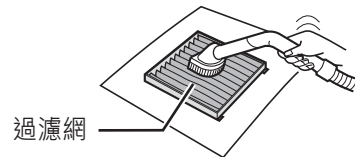
●在下面鋪上報紙等，以免弄髒四周。



吸入口外蓋扣勾



過濾網扣勾



●髒污嚴重時，請用水洗淨，並在陰涼處晾乾。

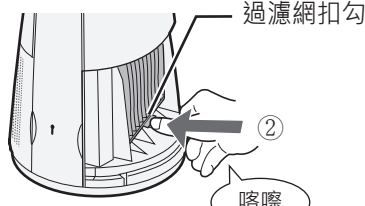
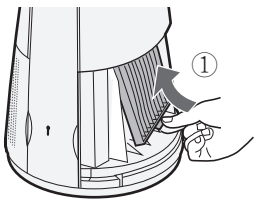
3

①將過濾網的上部沿主機的導軌條由下而上插入。

②按壓下扣勾部分。

(按壓扣勾，直到聽到喀嚓響聲)

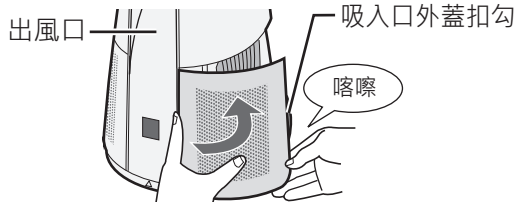
※左右的過濾網是相同的。



4

①安裝吸入口外蓋

※左右外蓋形狀不同。



先將前側(出風口一側)裝上，聽到喀嚓響聲後再按壓下後側(扣勾一側)。

②插入插頭，按住重設按鈕3秒以上。

主機

FILTER
CLEAN

RESET

(Press 3 sec.)

嗶

●聽到「嗶」響聲，指示燈熄滅。

●即使指示燈沒有亮起，保養後也請長按重設按鈕，直到聽到「嗶」響聲。

保養與清潔 (續)

注意

更換HD離子產生器時，務必停止運轉，待主機充分冷卻後，再從插座拔掉插頭後進行。

【否則可能會引起燙傷、觸電或受傷】

HD離子產生器

大約6個月 1次 (1天24小時使用時)

請使用附帶的清潔刷和市售的棉棒清除HD離子產生器黏著的灰塵。

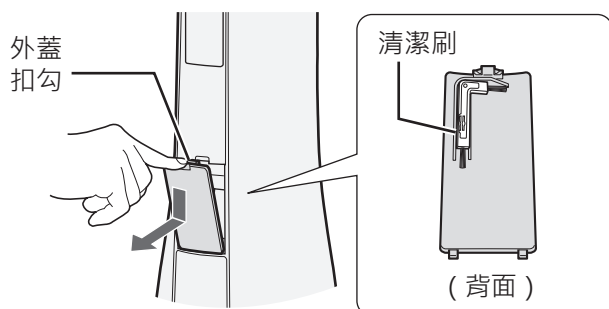
1

停止運轉，拔出插頭。

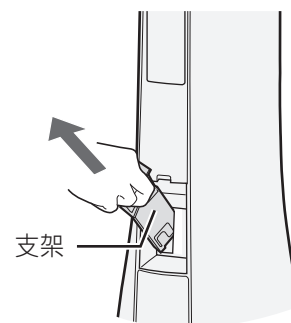
※如您在使用暖風運轉或足部暖風運轉，請待主機充分冷卻後進行。

2

①按下扣勾，取下外蓋。



②將HD離子產生器支架沿箭頭方向拔出。

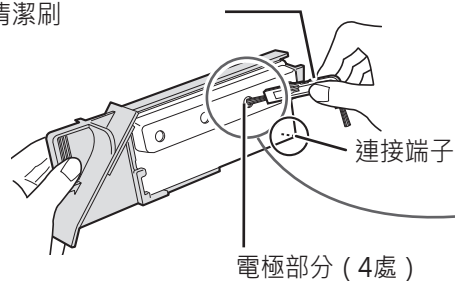


3

清潔電極部分。

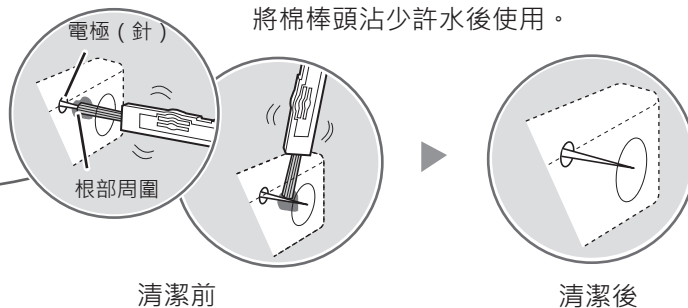
請在支架安裝的狀態下清潔。

清潔刷



髒污嚴重時

使用市售的棉棒進行清潔保養，
將棉棒頭沾少許水後使用。

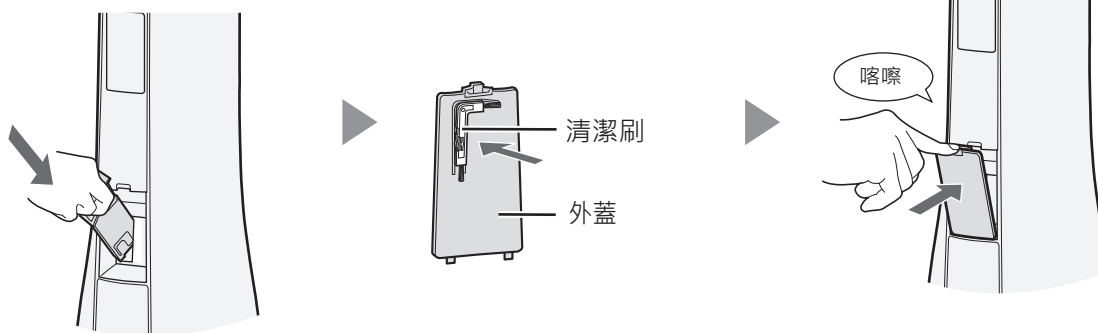


4

①將支架插入主機。

②將清潔刷裝在外蓋上。

③裝回外蓋






注意

- 請勿用手指觸摸電極部分。(否則可能造成傷害)
- 請勿使電極變形。(否則可能會引致故障)
- 髒污難以清除時，請將市售的棉棒沾少許水，再進行清潔保養。

HD離子產生器的更換

如果總操作時間超過約17,500小時（如果產品每天使用時間為24小時，那麼大約為2年），HD離子產生器更換指示燈會閃爍，以提示您更換設備的時間到了。

• 產生器的更換時間與使用的風量無關。

使用時間	顯示	資訊
開始使用	——	——
大約17,500小時 (每天24小時運行時， 大約2年後)	HD離子產生器 更換指示燈閃爍（紅色） 	●建議更換HD離子產生器。
大約19,000小時 (每天24小時運行時， 大約2年2個月後)	HD離子產生器 更換指示燈更快速地 閃爍（紅色） 	●HD離子產生器停止運行。 ●更換HD離子產生器。
更換HD離子產生器後	HD離子產生器 更換指示燈不點亮 	●可以操作。

更換HD離子產生器

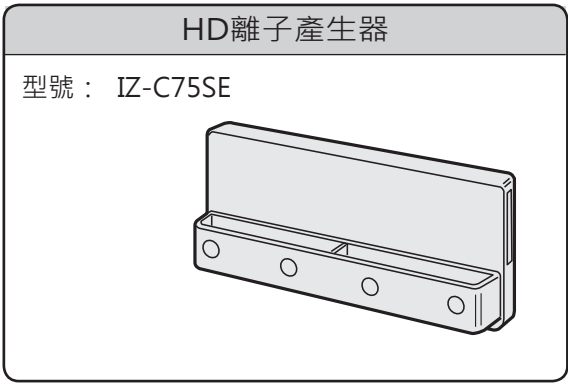
◁ 廢棄處置 ▷

請嚴格遵循當地法律的相關規定對失效的HD離子產生器進行廢棄處置。

-材料-

外殼：聚苯乙烯

元件：聚對苯二甲酸乙二醇酯（PBT），電器零件



如何更換HD離子產生器

1

停止運轉，拔出插頭。

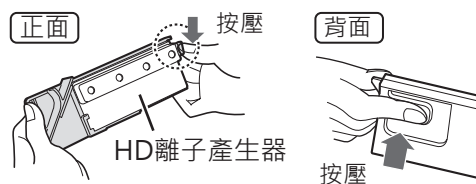
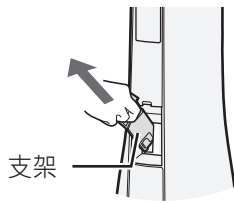
※如您在使用暖風運轉或足部暖風運轉，請待主機充分冷卻後進行。

2

①按下扣勾，取下外蓋。

②將支架沿箭頭方向拔出。

③同時按箭頭方向按壓正面與背面，將HD離子產生器從支架取下。



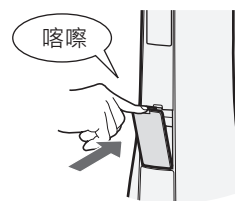
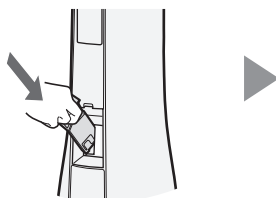
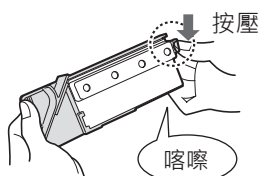
※請勿丟棄支架。

3

①將新產生器安裝在支架上。

②將支架插入主機。

③安裝外蓋。



4

插入插頭，進行運轉操作，確認HD離子產生器更換指示燈是否熄滅。

注意

- 更換後，會清晰聽到「唧」的一聲（產生離子的聲音），這是更新HD離子產生器的緣故，並非異常。
- 請勿觸碰連接端子（C-17）。（否則可能會引致故障）

規格

電 源	AC 220V 50Hz			
外形尺寸(mm)	寬260×長270×高720			
重 量(kg)	約6.6			
電源線長度(m)	約1.8			
運 轉 模 式	暖風運轉		涼風運轉	
Plasmacluster25000 適用面積※1	10.0m ²		13.2m ²	
風 量	風量6級	風量1級	風量6級	風量1級
耗電量 (W) ※2	1200	520	20	5.5
噪音(dB)	42	24	49	24
安 全 裝 置	翻倒自動關機功能•電流保險絲（5 A×2，2.5 A×1）• 預防過熱裝置（暖風熱變電阻•恒溫器×2）			

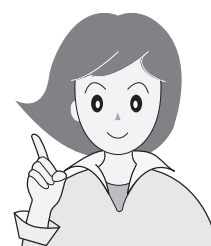
※1 將此產品靠牆放置，以風量6級運轉時（無上下、左右擺動），地面面積的標準為在房間的中心點附近（距離地板1.2m）可以測量出吹向空中的離子數為25,000個/cm³的面積。

※2 「暖風」風量最大運轉時（有上下、左右擺動）為1270W（當室溫為15℃而風量為自動模式時）

故障時的解決方法

	症狀	處理方法	參考頁
運轉過程中	主機停止操作 • 顯示屏幕/操作面板指示燈未亮起	● 插頭是否連接妥當？家裡的保險絲與斷路器有沒有斷掉？	—
	• 按下操作按鈕，但主機不操作。	● 是否設定了兒童鎖？請解除兒童鎖。	C-15
	• 顯示屏幕的暖風運轉指示燈（橙色）與操作面板的風量指示燈6（橙色）閃爍。	● 產品有沒有傾斜？ （翻倒自動關機功能啟動）	C-5
	• 不出暖風	● 在暖風（自動）運轉狀態下，室溫是否過高？（超過26°C） ● 監測運轉狀態下，室溫及濕度是否過高？	C-10 C-13
	吹出來的風很弱	● 出風口是否被堵塞？ ● 吸入口的過濾網是否被雜物與灰塵堵塞？	C-5 C-16
顯示	HD離子產生器更換指示燈（紅色）閃爍	● HD離子產生器更換時期。 ⇒ 請更換新HD離子產生器。 ● 如超過更換期限，產生器更換指示燈（紅色）將快速閃爍。	C-18 C-18
	過濾網清潔指示燈（橙色）亮起	● 請清潔過濾網。 ● 按下重設鍵了嗎？ ⇒ 請長按3秒以上。	C-16 C-16
	定時關機指示燈（白色）與計時器指示燈的「H」閃爍	● 啟動暖風運轉/足部暖風運轉是否超過8小時？ （由於有自動關機功能，大約在8小時後將自動停止） ● 定時開機狀態下，開啟暖風運轉/足部暖風運轉是否超過兩個小時？ （由於有自動關機功能，大約在2小時後將自動停止）	C-5 C-9 C-5 C-12
	監測指示燈（橙色）亮起，或監測指示燈（紅色）亮起並閃爍，數字顯示如下：  （閃爍）	● 按照監測功能的提示顯示。 ⇒ 建議根據室內環境調整溫度和濕度。	C-13 C-14
聲音	發出「喀嚓」的聲音	● 為電子零件的操作聲，並非故障。	—
	出風口發出「噠、噠、噠」或「唧 - 唧 - 唧 - 」的聲音	● 根據房間的環境，產生Plasmacluster正負離子時的聲音會變大或變小，有時甚至聽不到，但聲音的大小不會造成效果差異。	—
	發出「啪啦啪啦」的聲音	● 吸入口的過濾網有沒有堆積雜物和灰塵？ ⇒ 請清潔過濾網。	C-16

在委託修理及聯絡我們前，請再調查一下。



症狀		處理方法	參考頁
氣味	出風口吹出的風有異味	<ul style="list-style-type: none"> ●購買後開始使用，產品內部或有氣味，但在使用過程中氣味會消失。 ●產生正負離子時，會產生微量的臭氧，所以出風口處會有輕微氣味，但這與森林等自然界裡存在的臭氧等量，對健康不會產生影響。 	—
	遙控器不操作	<ul style="list-style-type: none"> ●電池是否正確安裝？ ●電池是否消耗完？ ⇒請更換電池。 ●遙控器與接收部位之間是否存在障礙物？ ●是否設定了兒童鎖？（顯示屏幕會顯示「[L] 1秒鐘」） ⇒請解除兒童鎖。 	C-8 C-8 C-8 C-15
擺動	無法執行上下/左右搖擺操作	<ul style="list-style-type: none"> ●運轉開始時的大約10秒鐘無法執行上下搖擺操作。 ●是否設定了兒童鎖？ ⇒請解除兒童鎖。 ●開啟上下左右搖擺，等待20多秒仍不執行左右擺動或風向板無動作時，請立即從插座拔掉插頭，然後聯繫您購買本產品的銷售店或SHARP授權的維修中心。 	C-11 C-15 C-11
數字顯示	U3	<ul style="list-style-type: none"> ●無法產生Plasmacluster正負離子。 ⇒請清潔產生器的電極部分。 	C-17
	U5	<ul style="list-style-type: none"> ●出風口是否被堵塞？ ●吸入口的過濾網有無堆積雜物和灰塵？ ⇒請清潔過濾網。 	C-5 C-16
	E9 C8	<ul style="list-style-type: none"> ●產生器是否正確插入？ ⇒取出產生器再次插入到底，再一次執行運轉操作。 	C-17
	C1 C4 C5	<ul style="list-style-type: none"> ●請拔出插頭，大約1分鐘後再度插入，再一次執行運轉操作。 	—
	CL	<ul style="list-style-type: none"> ●是否設定了兒童鎖？ ⇒請解除兒童鎖，然後進行操作。 	C-15

備忘錄

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SHARP[®]
SHARP CORPORATION
OSAKA, JAPAN



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