

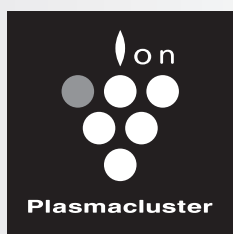
# SHARP®

## KI-N50A

AIR PURIFIER  
with Humidifying Function  
OPERATION MANUAL

ENGLISH

中文



HIGH-DENSITY 25000\*

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



\* The number in this technology mark indicates an approximate number of ions supplied into air of 1 cm<sup>3</sup>, 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 the MED mode setting.

香港電器安全規格  
(國際電工委員會規格適合)

# ENGLISH

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

## CONTENTS

FEATURES .....	1
IMPORTANT SAFETY INSTRUCTIONS .....	2
PART NAMES .....	4
PREPARATION .....	7
OPERATION .....	8
CARE AND MAINTENANCE .....	12
REPLACEMENT .....	16
TROUBLESHOOTING .....	17
SPECIFICATIONS .....	19

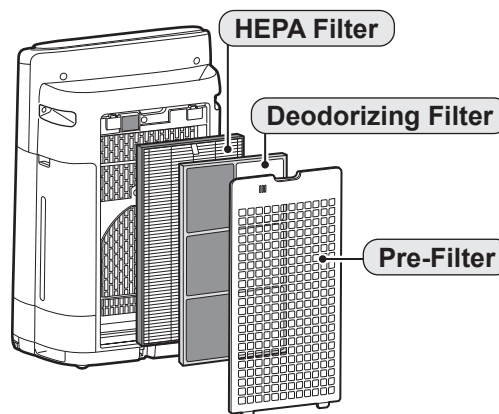
### Please read before operating your Air Purifier

The air purifier draws in room air through the Air Inlet, circulates it through a Pre-Filter, a Deodorizing Filter and a HEPA Filter inside the product, and then discharges it through the Air Outlet. The HEPA Filter can remove 99.97% of dust particles as small as 0.3 microns that pass through the filter and also helps absorb odors. The Deodorizing Filter gradually absorbs odors as they pass through the filter.

Some odors absorbed by the filters will break down over time, causing additional odors. Depending on usage conditions, and especially if the product is used in environments significantly more severe than a normal household, these odors may become noticeable sooner than expected. If these odors persist, replace the filters.

When minerals in tap water adhere to the filters and become a hard and white, they absorb odors in the room that can cause the emission of an unpleasant odor when the Humidifying Filter is dry. (Varies depending on water quality and other environmental factors)

If this occurs, perform the Humidifying Filter maintenance. (Page 13)



#### NOTE

- The air purifier is designed to remove air-suspended dust and the odors.  
The air purifier is not designed to remove harmful gases such as carbon monoxide contained in cigarette smoke.  
The air purifier may not completely remove an odor if the source of the odor is still present.

# FEATURES

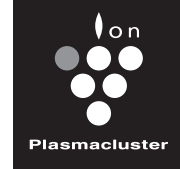
A unique Combination of Air Treatment Technologies  
Triple Filtration System + Humidification + Plasmacluster

## Plasmacluster

### High Density Plasmacluster 25000

**The higher the PCI density is, the more effective PCI has.**

By emitting a balance of positive and negative ions, Plasmacluster air treatment is a natural process.



HIGH-DENSITY 25000

ENGLISH

## Triple Filtration System + Humidification

### TRAP DUST

Pre-filter traps dust larger than approx 240 micron particles.

### DECREASES ODORS

Deodorizing filter absorbs many common household odors.

### REDUCES TINY DUST, POLLEN & MOLD

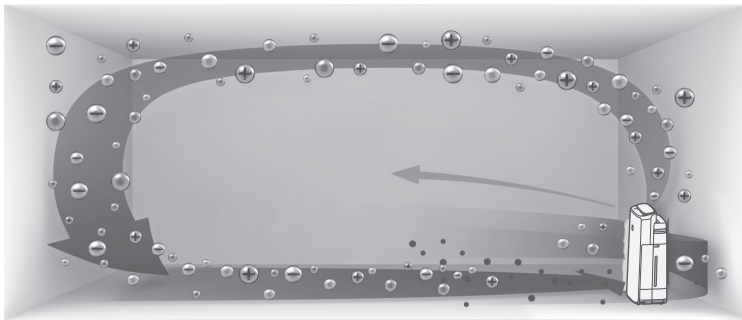
HEPA filter traps 99.97% of particles as small as 0.3 microns.

### HUMIDIFIES

Controls humidity by sensing temperature and humidity automatically.

## Unique Airflow

Powerful air suction and unique airflow quickly and efficiently collect dust and other particles.



Faster airflow at a 20° angle collects dust at lower levels in the room for more effective cleaning.

Plasmacluster can remove static electricity and can thus prevent dust from attaching to walls and other surfaces.

# IMPORTANT SAFETY INSTRUCTIONS

Always follow **basic safety precautions** when using electrical appliances, including the following:

## WARNING

– Always observe the following to reduce the risk of electrical shock, fire, or injury:

- Read all instructions before using the product.
- Use only a 220 volt outlet.
- **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.**
- **If the power cord is damaged, it must be replaced by the manufacturer, its service agent, a Sharp authorized Service Center or similarly qualified persons in order to avoid a hazard. Contact the nearest Service Center for any problems, adjustments, or repairs.**
- **Do not repair or disassemble the product yourself.**
- **Be sure to remove the power plug when refilling the Water Tank, before performing maintenance, when removing and attaching and replacing the filter and when not using for a long time. Failure to do so can cause a short circuit resulting in electrical shock or fire.**
- Do not use the product if the power cord or plug is damaged or if the connection to the wall outlet is loose.
- Periodically remove dust from the plug.
- Do not insert fingers or foreign objects into the Air Inlet or Air Outlet.
- When removing the power plug, always hold the plug and never pull on the cord. Failure to do so can cause a short circuit resulting in electrical shock or fire.
- Be careful not to damage the power cord. When removing the product, do not damage the power cord with the casters.

Failure to do so can cause electric shock, heat generation, or fire.

- Do not remove the plug when your hands are wet.
- Do not use this product near gas appliances or fireplaces. When the product is operated with gas appliances in same room, ventilate a room periodically, otherwise it may cause Carbon monoxide poisoning.
- Do not operate the product in rooms where aerosol insecticides are present. Do not operate the product in rooms where there is oily residue, incense, sparks from lit cigarettes, or chemical fumes in the air.
- Keep the product away from water. Do not operate the product in places where it may get wet, such as a bathroom.
- Do not expose the product to water. Doing so can cause a short circuit or electrical shock.
- Be cautious when cleaning the product. Strong corrosive cleansers can damage the exterior.
- When carrying the product, first remove the Water Tank and Humidifying Tray, and then hold the product by the handles on both sides.
- Do not drink the water in the Humidifying Tray or Water Tank.
- Replace the water in the Water Tank daily with fresh tap water, and regularly clean the Water Tank and Humidifying Tray. When the product is not in use, dispose of the water in the Water Tank and Humidifying Tray. Leaving water in the Water Tank or Humidifying Tray can cause mold, bacteria, and bad odors. In rare cases, such bacteria can be a health hazard.

## NOTE

– What to do if the product interferes with radio or TV reception

If the air purifier interferes with radio or television reception, try one or more of the following measures:

- Adjust or reposition the receiving antenna.
- Increase the distance between the product and the radio or TV.
- Connect the equipment into an outlet on a circuit different from that of the radio or TV receiver.
- Consult the dealer or a qualified radio or TV technician.

## CAUTIONS CONCERNING OPERATION

- Do not block the Air Inlet or Air Outlet.
- Do not place the product near or on hot objects, such as stoves or heaters, or where it may come into contact with steam.
- Always operate the product in an upright position.
- Do not move the product when it is in operation.
- Do not move or change the direction of the product while dragging the casters.
- If the product is on easily damaged flooring, an uneven surface, or thick-piled carpet, lift it up when moving.
- When moving the product by its casters, move it slowly and in a horizontal direction.
- Turn the product off and remove the Water Tank before moving, take care not to catch your fingers.
- Do not operate the product without the filters, the Water Tank, and the Humidifying Tray properly installed.
- Do not wash and reuse the HEPA filter and the Deodorizing filter. Doing so will not improve filter performance and can also cause electric shock or operating malfunctions.
- Clean the exterior with a soft cloth only. Do not use volatile fluids or detergents. The product surface may be damaged or cracked with Benzine paint thinner or polishing powder. In addition, the sensors may malfunction as a result.
- The frequency of descaling maintenance will depend on the hardness of and the impurities in the water that you use; the harder the water the more often descaling will be necessary.

- When refilling the Water Tank, make sure of no water leaking from the Water Tank.
- Be sure to wipe off any excess water on the outside of the Water Tank.
- Do not use hot water (40 °C or more), chemical agents, aromatic substances, dirty water, or other damaging substances. Doing so can deform the product or cause it to malfunction.
- Use only fresh tap water. Using other water sources risks the growth of molds, fungi, or bacteria.
- Do not shake the Water Tank with holding the carrying handle.
- Do not remove the Humidifying Filter from the Filter Frame except replacing it.
- Avoid spilling water when removing or cleaning the Humidifying Tray.
- Do not remove the Float and the Roller. If the Float or the Roller comes off, refer to Page 13.
- Do not use detergents other than instructions when perform maintenance of the Humidifying Tray and Cover. It may cause deformation, tarnishing, cracking (water leakage).
- Do not scrub the Back Panel hard during its maintenance.

## INSTALLATION GUIDELINES

- Avoid locations where the sensors are exposed to direct wind. Doing so can cause the product to malfunction.
- Avoid locations where furniture, fabrics, or other objects can come in contact with the product and interfere with the intake and outtake of air.
- Avoid locations where the product is exposed to condensation or drastic changes in temperature. Appropriate room temperature is between 0 – 35 °C.
- Place the product on a level and stable surface with sufficient air circulation. When placed on heavy carpet, the product may vibrate slightly. Place the product on a level surface to avoid water leakage from the Water Tank and Humidifying Tray.
- Avoid locations that generate grease or oily smoke. Doing so can cause the product exterior to crack and the sensors to malfunction.

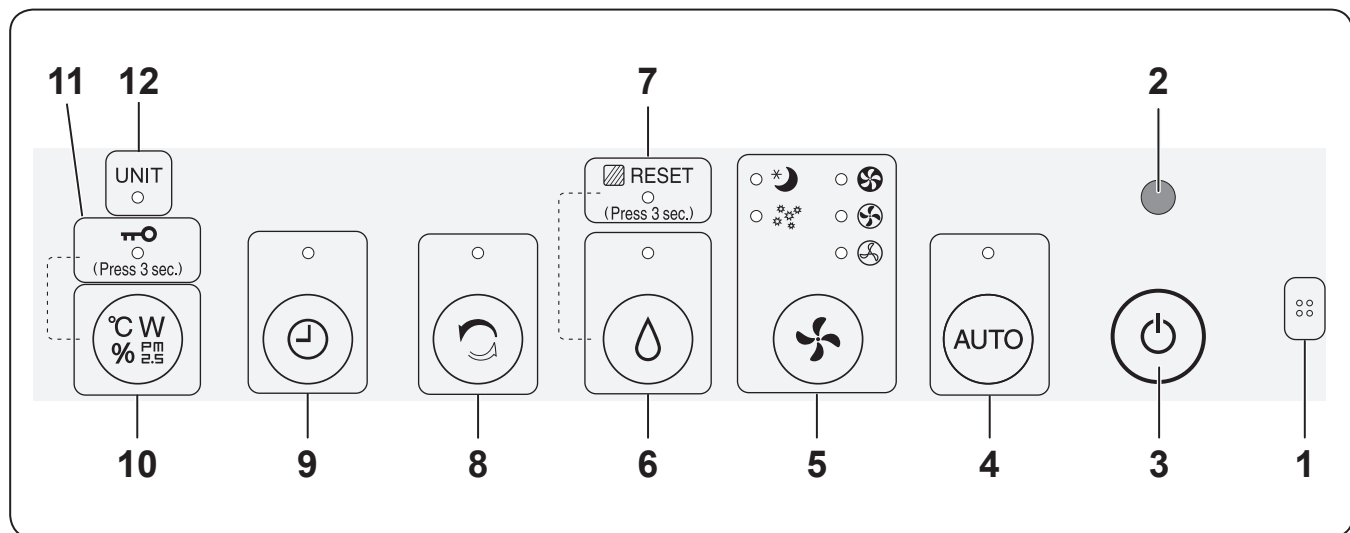
- The dust collecting ability of the product is effective even when the product is as close to 3 cm from the wall, the surrounding walls and floor may get dirty. Please place the product at a distance from the wall. The wall directly behind the Air Outlet may become dirty over time. When using the product for an extended period of time at the same location, periodically clean the walls adjacent to it.

## FILTER GUIDELINES

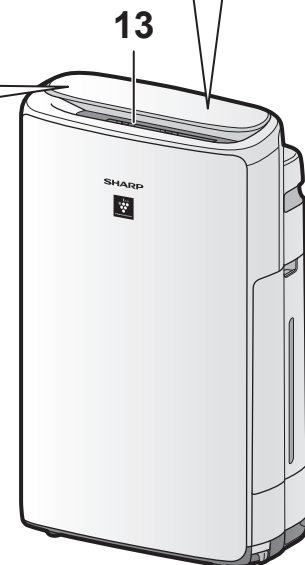
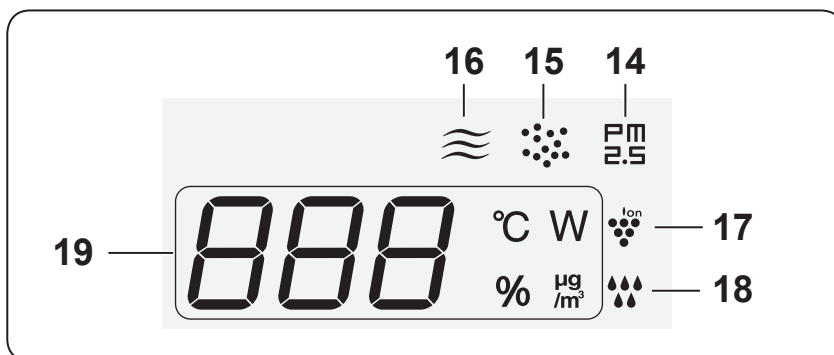
- Follow the instructions in this manual for proper filter care and maintenance.

# PART NAMES

## OPERATION PANEL



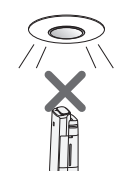
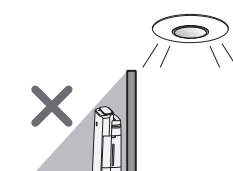
## DISPLAY



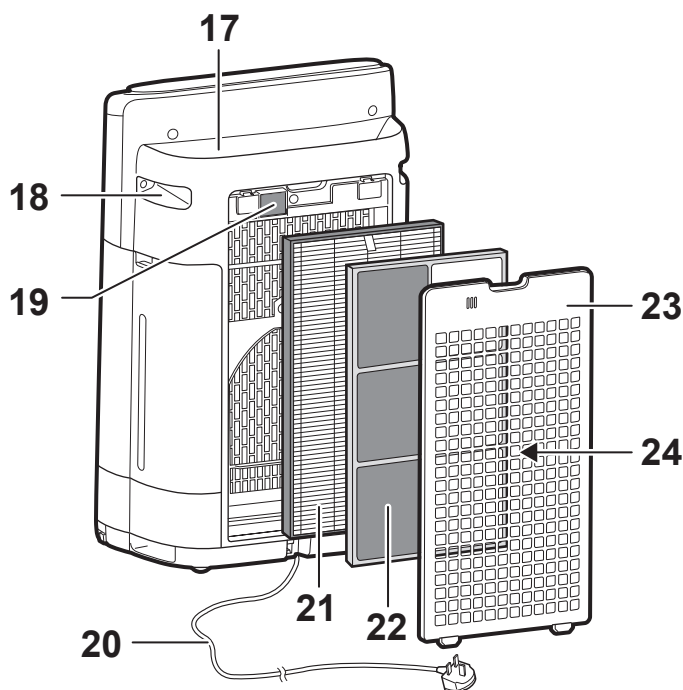
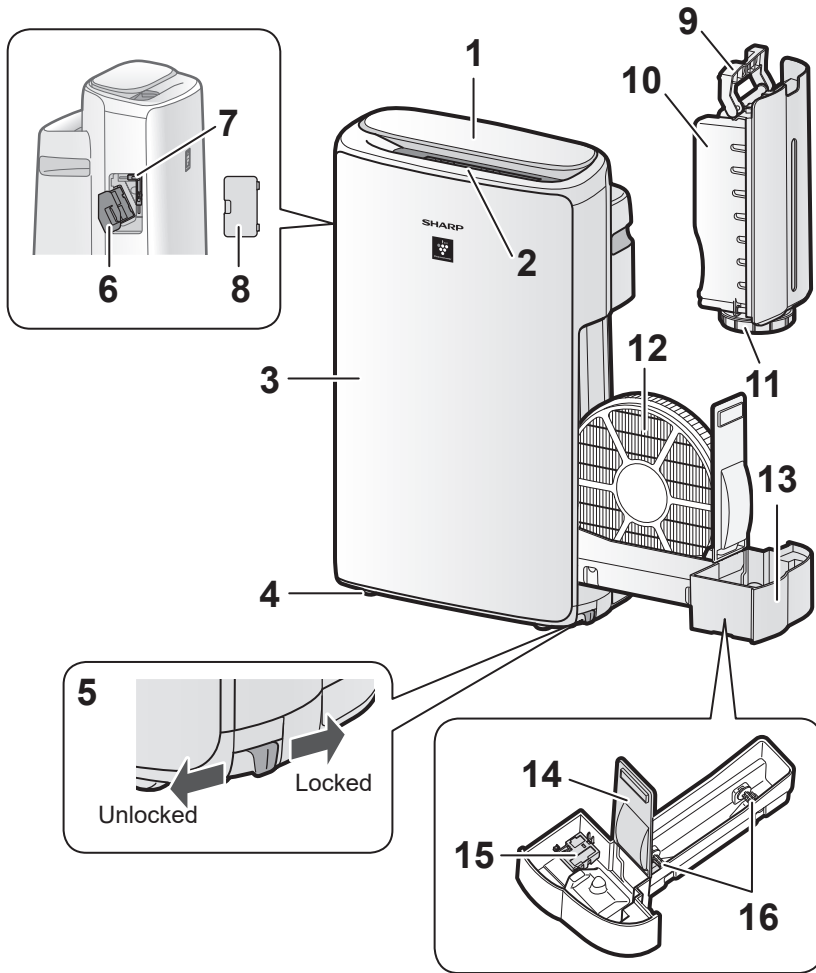
1	<b>Sensor</b> (Internal) Odor / Temperature / Humidity
2	<b>Light Sensor</b>
3	<b>Power ON/OFF Button</b>
4	<b>AUTO Button, Lamp</b> (White)
5	<b>Mode Button, Lamps</b> (White)
6	<b>Humidify ON/OFF Button, Lamp</b> (White) (Press 3 sec.) <b>Filter Reset Button</b>
7	<b>Filter Maintenance Lamp</b> (Orange)
8	<b>Clean Ion Shower Button, Lamp</b> (White)
9	<b>ON/OFF Timer Button, Lamp</b> (White)
10	<b>Switching Display Button</b> (Press 3 sec.) <b>Child-Lock Button</b>
11	<b>Child-Lock Lamp</b> (White)
12	<b>Unit Replacement Lamp</b> (Red)
13	<p><b>Cleanliness Indicator</b></p> <ul style="list-style-type: none"> <li>Indicates the air purity of the room in 5 levels with color changes.</li> </ul> <p><b>Clean</b> Blue</p> <p>↕</p> <p>Yellow (Flashing)</p> <p>↕</p> <p><b>Impure</b> Red (Flashing fast)</p>

14	<b>PM2.5 Indicator</b> (White) Indicates the Sensitive Dust Sensor detects microscopic dust.
15	<b>Dust Indicator</b> (White) Indicates the Sensitive Dust Sensor detects usual dust.
16	<b>Odor Indicator</b> (White) Indicates the Odor Sensor detects odors.
17	<b>Plasmacluster Ion Indicator</b> (Blue)
18	<p><b>Humidifying Indicator</b></p> <p><b>White</b> Humidify ON <b>Off</b> Humidify OFF <b>Red (Flashing)</b> the product needs water</p>
19	<p><b>Display</b> (*The displayed numbers are approximate.)</p> <ul style="list-style-type: none"> <li><b>Timer</b> Indicates setting time or remaining time of ON/OFF timer. <b>3H</b></li> <li><b>Humidity*</b> Humidity 25 % to 75 % is displayed. 24 % or less <b>Lo %</b> ↔ <b>55 %</b> ↔ <b>Hi %</b> 76 % or more</li> <li><b>Temperature*</b> Temperature 0 °C to 50 °C is displayed. -1 °C or less <b>Lo °C</b> ↔ <b>25 °C</b> ↔ <b>Hi °C</b> 51 °C or more</li> <li><b>PM2.5 Concentration*</b> PM2.5 10 µg/m<sup>3</sup> to 499 µg/m<sup>3</sup> is displayed. 9 µg/m<sup>3</sup> or less <b>Lo µg/m<sup>3</sup></b> ↔ <b>34 µg/m<sup>3</sup></b> ↔ <b>Hi µg/m<sup>3</sup></b> 500 µg/m<sup>3</sup> or more</li> <li><b>Wattage*</b> Indicates wattage by current operation. <b>20<sup>W</sup></b></li> </ul>

## LIGHT SENSOR

<p>When the Light Control is set to "Auto", Display and Cleanliness Indicator will automatically switch ON or Dim based on room brightness. (Page 10)</p>	<p><b>NOTE</b> <b>Detection range of Light sensor</b></p> <p>Do not install the product in the following places. The Light Sensor may not sense correctly.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Directly under a light fixture.</p> </div> <div style="text-align: center;">  <p>In shadow</p> </div> </div>
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# MAIN BODY



1	Operation Panel / Display
2	Air Outlet (Front)
3	Main Body
4	Caster (4 Locations)
5	Caster Stopper (Right & Left)
6	Unit* Holder (Plasmacluster Ion Generating Unit)
7	Unit* Cleaning Brush
8	Unit* Cover
9	Tank Handle
10	Water Tank
11	Tank Cap
12	Humidifying Filter
13	Humidifying Tray
14	Tray Panel
15	Float
16	Roller
17	Air Outlet (Back)
18	Handle (2 Locations)
19	Sensor Filter / Sensor (Internal) Sensitive Dust
20	Power Cord, Plug
21	HEPA Filter
22	Deodorizing Filter
23	Back Panel
24	Air Inlet

\* The Unit refers to Plasmacluster Ion Generating Unit. (The same as below.)



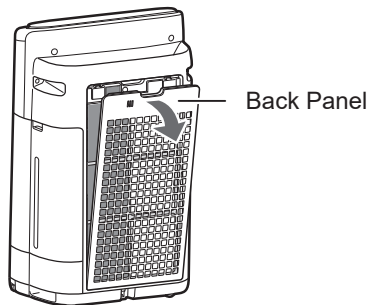
# PREPARATION

Always be sure to remove the power plug from the wall outlet.

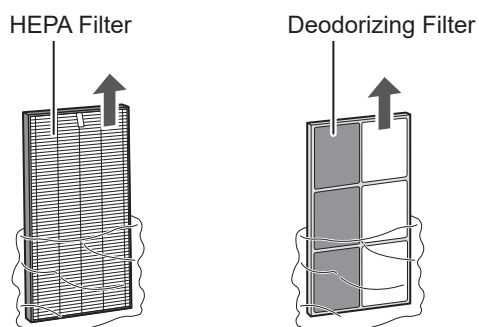


## FILTER INSTALLATION

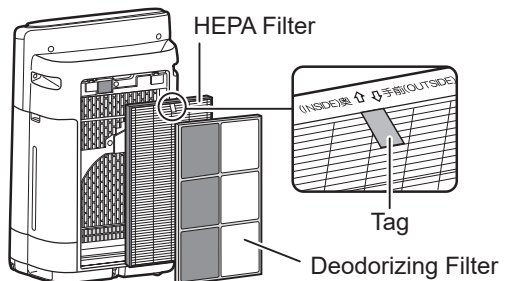
### 1. Remove the Back Panel.



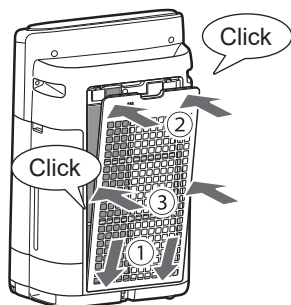
### 2. Remove the plastic bag from the each filter.



### 3. Install the filters in the correct order as shown.



### 4. Install the Back Panel.

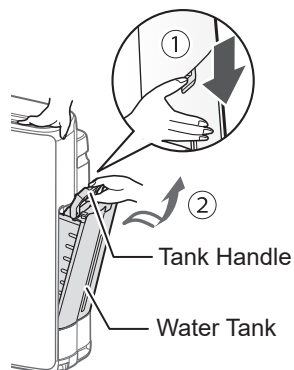


#### NOTE

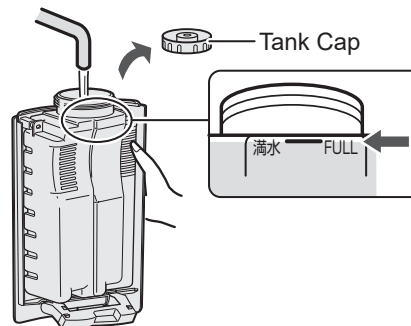
- When replacing the filter, making a memo of the start of use date is recommended.

## REFILLING THE WATER TANK

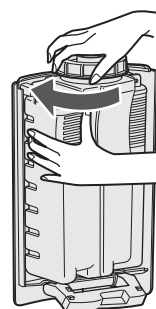
### 1. Remove the Water Tank.



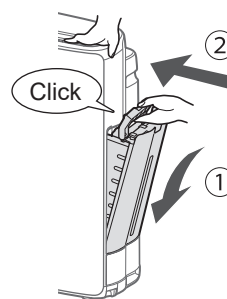
### 2. Fill the Water Tank with the tap water.



### 3. To prevent leaks, securely tighten the Tank Cap.



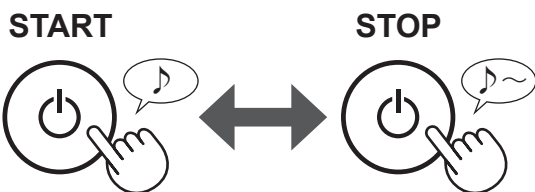
### 4. Install the Water Tank.



ENGLISH

# OPERATION

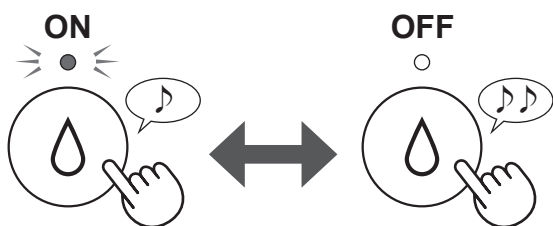
## START/STOP



### NOTE

- When the product starts operation, the operation starts in the previous mode it was operated in.

## HUMIDIFICATION SETTING



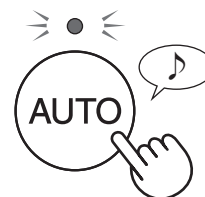
### NOTE

- When operating with Humidification ON in the modes in the table below, the product automatically controls humidity by sensing temperature and humidity. (Except MAX / MED / LOW mode.)

Temperature (T)	Humidity	
	ALL MODE*	SLEEP MODE
T < 18 °C	65 %	65 %
18 °C ≤ T < 24 °C	60 %	65 %
24 °C ≤ T < 28 °C	55 %	60 %
28 °C ≤ T	45 %	50 %

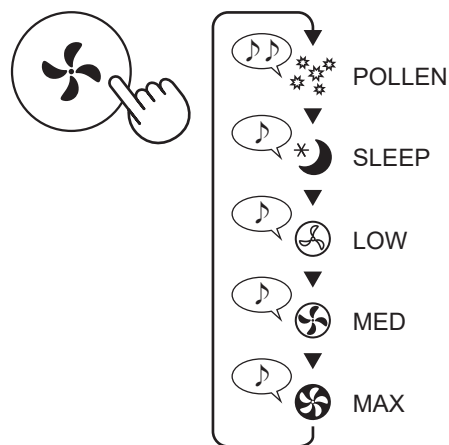
\* Except MAX / MED / LOW / SLEEP

## AUTO MODE



The fan speed is automatically controlled depending on the six detection. (PM2.5 / Usual dust / Odor / Temperature / Humidity / Light)

## SELECT AIR VOLUME AND MODE



### POLLEN:

The Sensitive Dust Sensor sensitivity is automatically increased and quickly detects impurities such as dust and pollen and clean the air powerfully.

### SLEEP:

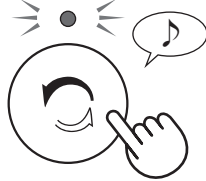
The product will operate quietly, and the fan speed is automatically switched depending on the amount of impurities in the air and room brightness.

### NOTE

- When the Light Control is set to "Auto", Display and Cleanliness Indicator automatically switches Dim or OFF based on room brightness. (Page 10)  
Room is bright: Light is Dim  
Room is dim: Light is OFF

## CLEAN ION SHOWER MODE

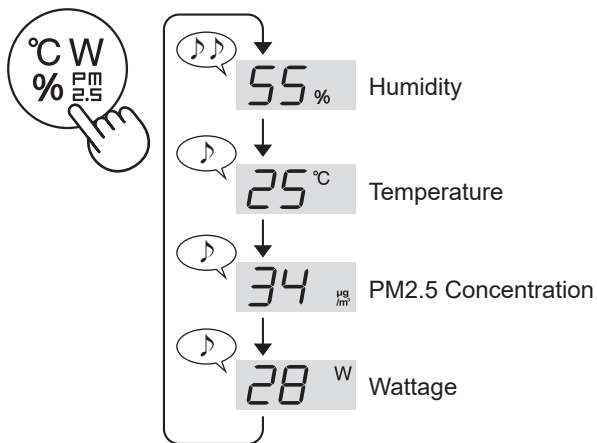
The product releases Plasmacluster ions with strong airflow and collects dusts while decreasing static electricity for 10 minutes. After that, the Sensitive dust sensor sensitivity is automatically increased and quickly detects impurities and clean the air powerfully for 50 minutes.



### NOTE

- When the operation finishes after 60 minutes, the product will return to the prior operation mode. It is able to change the other mode during this mode.
- The Plasmacluster ion cannot be turned "OFF".

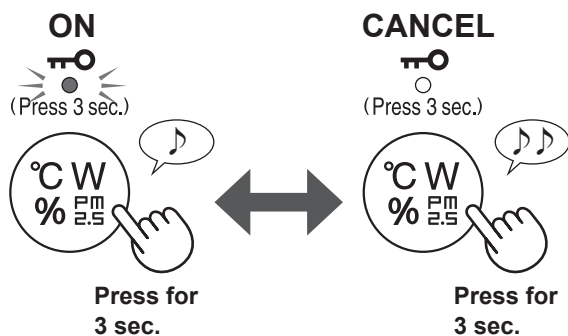
## SWITCH DISPLAY



## CHILD LOCK

The operation panel will be locked.

(with the product ON or OFF)



## ON/OFF TIMER

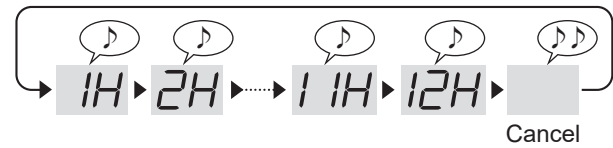
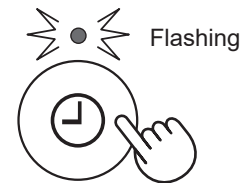
### ON TIMER:

Select the length of time you want. The product automatically starts once the selected time is passed.

### OFF TIMER:

Select the length of time you want. The product automatically stops once the selected time is reached.

(ON TIMER: with the product OFF)  
(OFF TIMER: with the product ON)



### NOTE

#### ON TIMER:

- If there is no operation in 8 seconds, the setting will be finished with a beep. The ON/OFF TIMER Lamp will be on and display the remaining hour before the operation starts.
- You may reset the timer by pressing the ON/OFF Timer Button again.

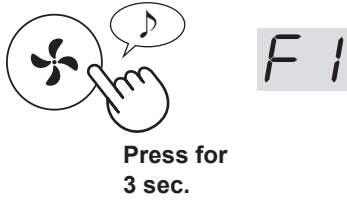
#### OFF TIMER:

- If there is no operation in 8 seconds, the setting will be finished with a beep. The Display will be back to its previous status.
- After the setting is done, press once the ON/OFF Timer Button, the remaining hour of the operation will show, and press twice, you may reset the timer.

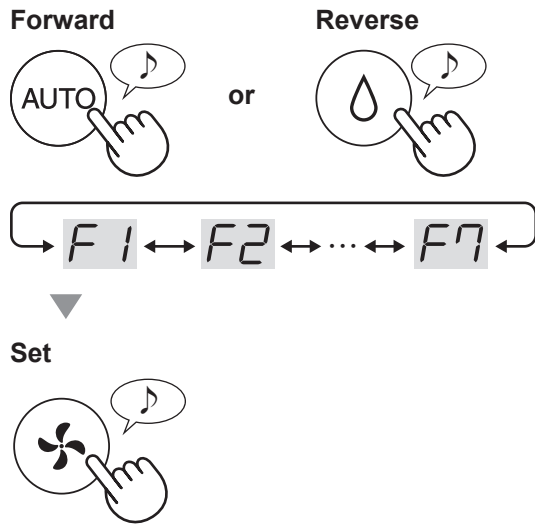
# HOW TO CHANGE VARIOUS SETTING

You can change the functions in the table on page 10, 11.

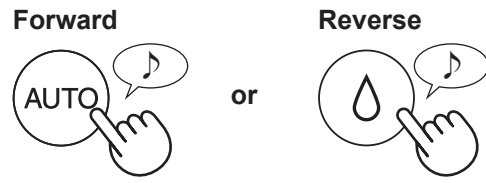
1. (with the product OFF)



2. Select "Function number".



3. Select "Setting number".



Set



4. Press Power ON/OFF Button to finish the setting mode.



Function	Setting											
<p><b>F1</b></p> <p><b>Light Control</b></p> <p>You can select the brightness of the Display and Cleanliness Indicator.</p>	<p><b>01 Turn off</b></p> <p>When set to "Turn off", the "Dim" light illuminates for 8 seconds after operation starts and then the light turns off.</p> <p>The Humidify Indicator flashes darker only when the product needs water.</p> <p>The Unit Replacement Lamp flashes darker only when the Plasmacluster Ion Generating Unit need to be replaced.</p> <p><b>02 Dim</b></p> <p><b>03 Auto (default)</b></p> <p>Light automatically switches based on room brightness.</p> <table border="1"> <thead> <tr> <th rowspan="2">Room brightness</th> <th colspan="2">Display and Cleanliness Indicator</th> </tr> <tr> <th>ALL MODE (Except SLEEP)</th> <th>SLEEP MODE</th> </tr> </thead> <tbody> <tr> <td>Bright</td> <td>ON</td> <td>Dim</td> </tr> <tr> <td>Dim</td> <td>Dim</td> <td>OFF</td> </tr> </tbody> </table>	Room brightness	Display and Cleanliness Indicator		ALL MODE (Except SLEEP)	SLEEP MODE	Bright	ON	Dim	Dim	Dim	OFF
Room brightness	Display and Cleanliness Indicator											
	ALL MODE (Except SLEEP)	SLEEP MODE										
Bright	ON	Dim										
Dim	Dim	OFF										

Function	Setting
<b>F2</b> <b>Plasmacluster Ion ON/OFF</b>	<b>01 OFF</b> <b>02 ON (default)</b>
<b>F3</b> <b>Auto restart</b> If the product is unplugged or if there is a power failure, the product will resume operation with the previous settings after power is restored.	<b>01 Cancellation</b> <b>02 ON (default)</b>
<b>Adjusting sensor sensitivity (F4 - F6)</b>	
<b>F4 Light Sensor</b>	<b>01 Low</b>
<b>F5 Sensitive Dust Sensor</b>	<b>02 Standard (default)</b>
<b>F6 Odor Sensor</b>	<b>03 High</b>
<b>F7</b> <b>Sound Indicator Setting</b> You can set the product to make a beeping sound when the Water Tank is empty.	<b>01 Cancellation (default)</b> <b>02 ON</b>

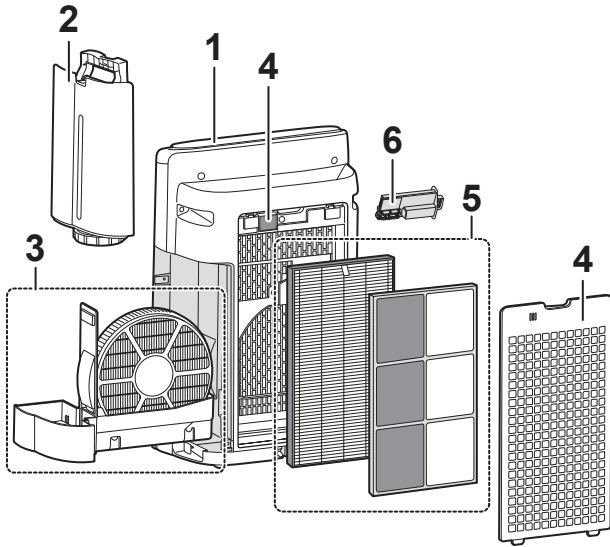
ENGLISH

# CARE AND MAINTENANCE

Always be sure to remove the power plug from the wall outlet.



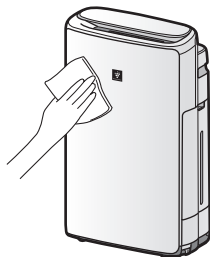
## CARE INDEX



	Place	Page
1	Main Body	12
2	Water Tank	12
3	Humidifying Filter / Humidifying Tray	13
4	Back Panel / Sensors	14
5	HEPA Filter / Deodorizing Filter	14
6	Plasmacluster Ion Generating Unit	15

## MAIN BODY

Wipe with a dry, soft cloth.



## FILTER MAINTENANCE LAMP

When the cumulative operation period or the water containing period is more than approximately 720 hours, the Filter Maintenance Lamp will turn on.

- It will not calculate the time when the product is unplugged.
- 30 days × 24 hours = 720 hours

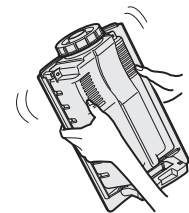
This is a reminder to perform the maintenance described Humidifying Filter and Tray, Main Body, Back Panel, and Sensors.

After performing maintenance, reset the Filter Maintenance Lamp.



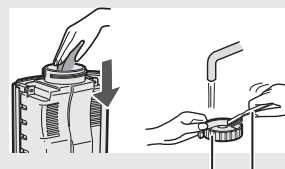
## WATER TANK

Rinse the inside with water.



### NOTE How to clean hard to remove dirt.

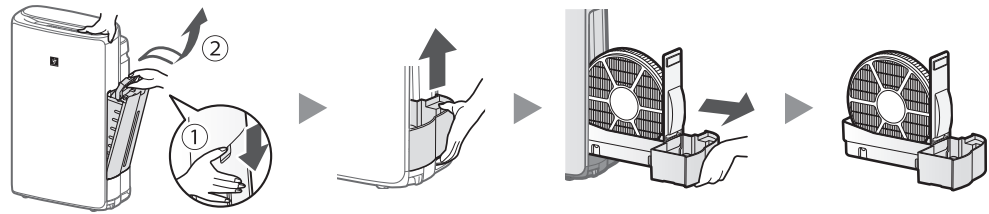
Clean the inside of the Water Tank with a soft sponge and the Tank Cap with a cotton swab or toothbrush.



Tank Cap Toothbrush

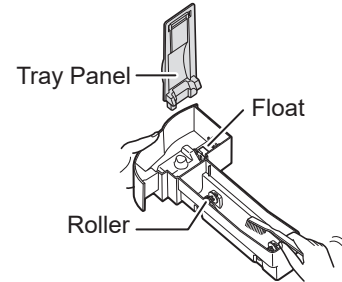
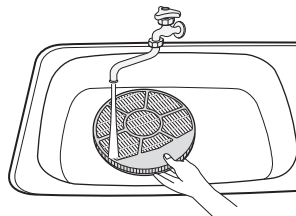
# HUMIDIFYING FILTER / HUMIDIFYING TRAY

## 1. Remove the Humidifying Filter and Tray.



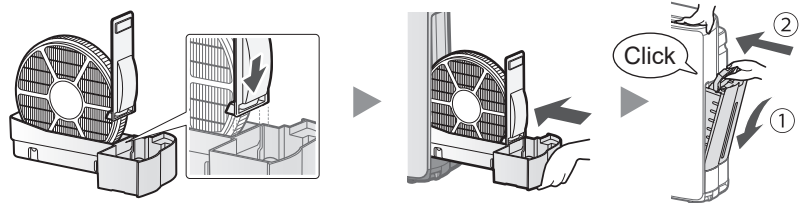
## 2. Rinse with plenty of water.

- Do not remove the Float and the Rollers. If they come off, refer to below.



## 3. Attach the Humidifying Filter and Tray.

- After maintenance, correctly reattach the parts.



### NOTE How to clean hard to remove dirt.

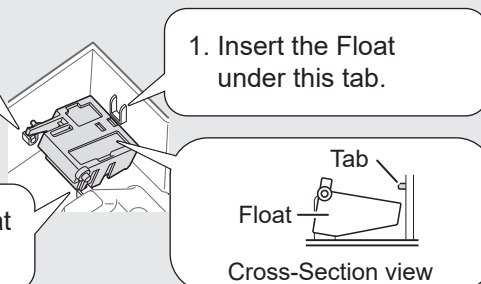
	Kitchen detergent (only Humidifying tray)	Citric acid (available at some drugstores)	100% bottled lemon juice with no pulp
1	1. Fill the tray half-way with water. 2. Add a small amount of kitchen detergent.	2 1/2 cups of water 3 teaspoons	3 cups of water 1/4 cup
2	Soak for 30 minutes. 		Soak for 30 minutes. (When using lemon juice as your descaling solution, allow for more soak time.)
3	Rinse off the kitchen detergent or the descaling solution with clean water.		

### NOTE How to install the Float and the Rollers

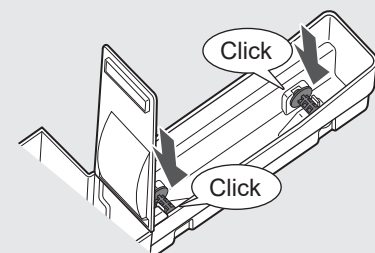
#### Float

3. Insert the tab on the other side of the float into the hole.

2. Insert the tab of the float into the hole.

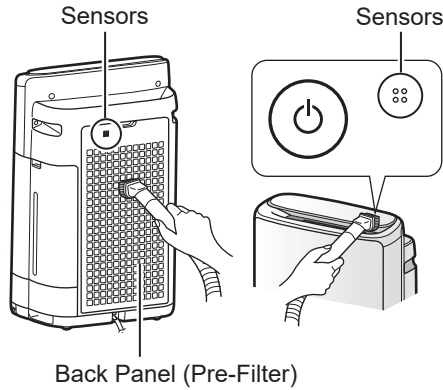


#### Roller



## BACK PANEL / SENSORS

Remove the dust gently with a cleaning tool such as a vacuum cleaner.



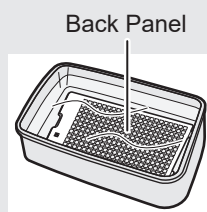
### NOTE

- Do not apply excessive pressure when scrubbing the Back Panel.

### NOTE How to clean hard to remove dirt.

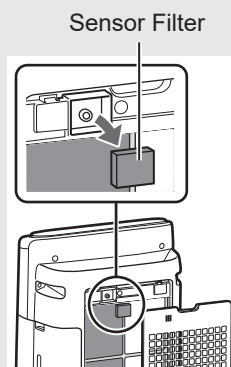
#### Back Panel

1. Add a small amount of kitchen detergent to water and soak for about 10 minutes.
2. Rinse off the kitchen detergent with clean water.
3. Completely dry the filter in a wellventilated area.



#### Sensor Filter

1. Remove the Back Panel.
2. Remove the Sensor Filter.
3. If the Sensor Filter is very dirty, wash it with water and dry it thoroughly.

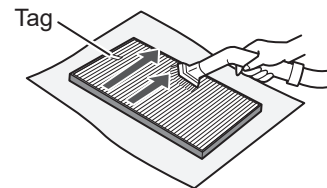


## HEPA FILTER / DEODORIZING FILTER

Remove the dust on the filters.

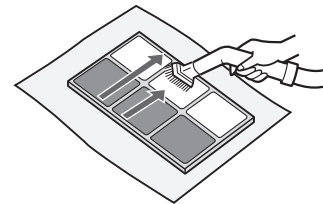
### HEPA Filter

Clean only the tagged surface. Do not clean up the opposite surface. The filter is fragile, so be careful not to give too much pressure.



### Deodorizing Filter

Both surfaces can be cleaned. The filter may be broken if being too much pressure is applied on it, so please handle it with care.



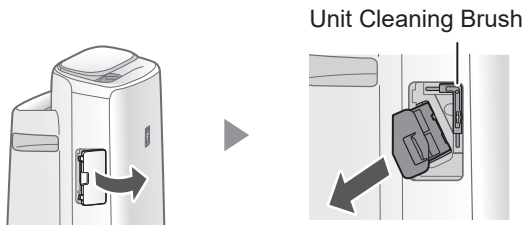
### NOTE

- Do not wash the filters. Do not expose to sunlight. (Otherwise these filters may lose efficacy.)
- Some odors absorbed by the filters will break down over time, causing additional odors. Depending on usage conditions, and especially if the product is used in environments significantly more severe than a normal household, these odors may become noticeable sooner than expected. Replace the filter in those cases or if dust is unable to be removed after maintenance.

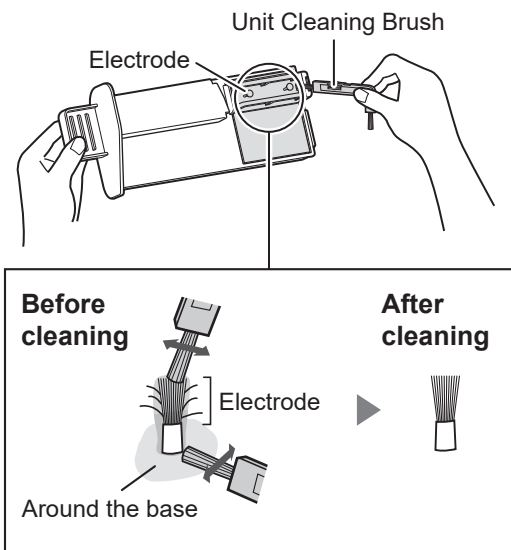


# PLASMACLUSTER ION GENERATING UNIT (Electrode Section)

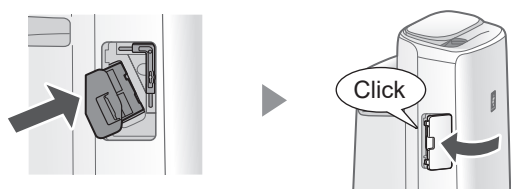
## 1. Remove the Unit Cover, and pull out the Unit Holder.



## 2. Remove dusts from the Electrode Section.

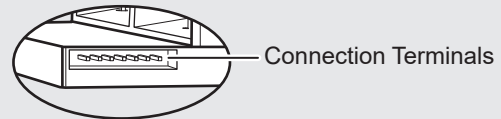


## 3. Insert the Unit Holder in the product, and install the Unit Cover.



### NOTE

- Do not clean with anything other than the Unit Cleaning Brush. Doing so could lead to failures in the Unit.
- A bent electrode could be cut off and dropped during the cleaning process, but it will not change the performance.
- Do not press the electrode directly. Doing so could lead to pain / itching.
- Do not transform the Electrode Section. Doing so can damage it.
- Do not press the Connection Terminals. Doing so can damage them.



# REPLACEMENT

Always be sure to remove the power plug from the wall outlet.



## FILTERS

### LIFE OF FILTERS

Filter life varies depending on the room environment, usage conditions, and location of the product.

Lifespan of HEPA filter and Deodorizing filter and replacement suggestions are based on purifying a room in which 5 cigarettes are smoked per day and the product's dust collection and deodorizing performance has declined to half the level of a new filter.

We recommend replacing the filter more frequently if the product is used in conditions significantly more severe (PM2.5 etc.,) than a normal household.

- HEPA Filter : About 10 years after opening
- Deodorizing Filter: About 10 years after opening
- Humidifying Filter : About 10 years after opening

### REPLACEMENT FILTER MODEL

Consult your dealer when purchasing a replacement filter.

<p><b>HEPA Filter</b> (1 unit) <b>FZ-D40HFE</b></p>	
<p><b>Deodorizing Filter</b> (1 unit) <b>FZ-G40DFE</b></p>	
<p><b>Humidifying Filter</b> (1 unit) <b>FZ-J1XMF</b></p> <p>* Do not dispose the Filter Frame.</p>	

### DISPOSING OF FILTERS

Dispose of used filters according to local laws and regulations.

#### Material:

<b>HEPA Filter</b>	<ul style="list-style-type: none"> <li>• Polypropylene</li> <li>• Polyethylene</li> </ul>
<b>Deodorizing Filter</b>	<ul style="list-style-type: none"> <li>• Paper</li> <li>• ABS resin</li> </ul>
<b>Humidifying Filter</b>	<ul style="list-style-type: none"> <li>• Polyester</li> <li>• Rayon</li> </ul>

## PLASMACLUSTER ION GENERATING UNIT

### UNIT REPLACEMENT LAMP

When the total operation time exceeds 17,500 hours, the Unit Replacement Lamp will flash to indicate that the Plasmacluster Ion Generating Unit needs replacement.

Operating time	Explanation
<p><b>17,500 hours</b> <b>UNIT</b></p> <p>Flash slowly</p>	<p>Replace the Plasmacluster Ion Generating Unit</p>
<p><b>19,000 hours</b> <b>UNIT</b></p> <p>Flash quickly</p>	<p>No Plasmacluster ions will be released by the Plasmacluster Ion Generating Unit.</p>

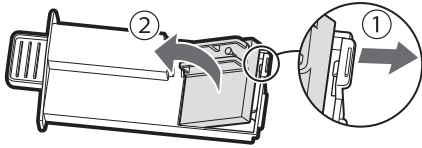
\* The replacement time is not related to the selected operation mode.

## **REPLACEMENT PLASMACLUSTER ION GENERATING UNIT MODEL**

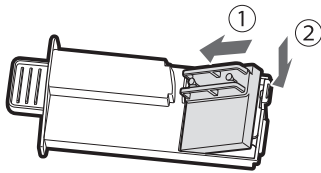
Consult your dealer when purchasing a replacement Plasmacluster Ion Generating Unit.

### **IZ-C90ME**

Remove the claw of Unit Holder ( ① ), and remove the Plasmacluster Ion Generating Unit ( ② ).



**Attach the New Unit.**



- When the Plasmacluster Ion Generating Unit has been replaced with a new part, the timer will be reset and return to 19,000 hours.

## **DISPOSING OF PLASMACLUSTER ION GENERATING UNIT**

Dispose of used Plasmacluster Ion Generating Unit according to local laws and regulations.

### **Material:**

- Polybutylene Terephthalate
- electronic parts

## **TROUBLESHOOTING**

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

ENGLISH

### **Odor and smoke persists.**

- Check the filters. If they appear to be extremely dirty, clean or replace them.

### **Air discharged from the product has an odor.**

- Check to see if the filters are extremely dirty.
- Clean or replace the filters.
- Use only fresh tap water. Using other water sources risks the growth of mold, fungi, or bacteria.

### **The product does not operate when cigarette smoke is in the air.**

- Make sure the product is installed in a location in which the sensors can detect cigarette smoke.
- Check to see if the Sensitive Dust Sensor openings are blocked or clogged. If they are blocked or clogged, clean the Sensor Filter or the Back Panel.

### **Smell from a new product and/or filter.**

- Immediately after removing the plastic bag, a slight odor may occur. This odor is not harmful for filter performance or human exposure.

### **The product makes a clicking or ticking sound.**

- The product may make clicking or ticking sounds when it is generating ions.

### **The Cleanliness Indicator is blue even when the air is not clean.**

- The air may have been dirty when the product was plugged in. Unplug the product, wait one minute, and then plug the product in again.

### **The Cleanliness Indicator is red even when the air is clean.**

- Dirty or clogged Sensitive Dust Sensor openings interfere with sensor operation. Gently clean the Sensor Filter or the Back Panel.

### **The Cleanliness Indicator changes color frequently.**

- The Cleanliness Indicator automatically changes color when the Sensitive Dust Sensor and Odor Sensor detect impurities. If you are concerned about the change, you can change sensor sensitivity. (Page 10, 11)

### **Filter Maintenance Lamp is on.**

- Whenever after performing maintenance or replacing the Humidifying Filter, connect the power cord to an outlet and then press the Filter Reset Button for more than 3 seconds. (Page 12)

### **The Display is turned off.**

- When the Light Control is set to "Turn off", the light is always off.  
If you do not want the light to be off, set the Light Control to "Auto" or "Dim" setting. (Page 10)

### **The Display does not match weather report or another hygrometer or thermometer in the room.**

- Outdoor and indoor as well as the home environment (the volume of traffic nearby, number of stories in home, etc.) may cause a reading different than those data.
- There is a difference in the level within the same room.





### **The Humidify Indicator on the Display does not light up when the tank is empty.**

- The room has reached the appropriate level of humidity and has stopped humidifying.
- Check the styrofoam float for impurities. Clean the Humidifying Tray. Make sure that the product is on a level surface.

### **The water level in the tank does not decrease or decreases slowly.**

- Check to see if the Humidifying Tray and Water Tank are correctly installed. Check the Humidifying Filter.
- If the filter is extremely dirty, clean or replace it.

## **ERROR DISPLAY**

	<ul style="list-style-type: none"><li>• The concentration of Plasmacluster ion is descending. Maintain the Plasmacluster Ion Generating Unit (Electrode Section).</li></ul>
	<ul style="list-style-type: none"><li>• Make sure that the Humidifying Filter, Humidifying Tray and Roller are properly installed, and then turn the power to ON again.</li></ul>
	<ul style="list-style-type: none"><li>• Make sure the Plasmacluster Ion Generating Unit inserted properly. Pull out the Plasmacluster Ion Generating Unit and insert it to the end again, and then carry out the operation again.</li></ul>
	<ul style="list-style-type: none"><li>• Unplug the product, wait one minute, and then plug the product in again.</li></ul>

# SPECIFICATIONS

Model		KI-N50A		
Power supply		220 V ~ 50 Hz		
Fan Speed Adjustment		MAX	MED	LOW
CLEAN AIR	Fan Speed (m <sup>3</sup> / hour)	306	168	60
	Rated Power (W)	51	17	5.5
	Noise Level (dBA) * <sup>1</sup>	51	40	17
CLEAN AIR & HUMIDIFY	Fan Speed (m <sup>3</sup> / hour)	252	186	66
	Rated Power (W)	32	22	6.7
	Noise Level (dBA) * <sup>1</sup>	47	43	20
	Humidification (mL / hour) * <sup>2</sup>	600	480	200
Standby power (W)		1.2		
Recommended Room Size (m <sup>2</sup> ) * <sup>3</sup>		~ 38		
High density Plasmacluster ion recommended room size (m <sup>2</sup> ) * <sup>4</sup>		~ 21		
Water Tank Capacity (L)		Approx. 2.7		
Sensors		Sensitive Dust / Odor / Light / Temperature & Humidity		
Filter Type		HEPA* <sup>5</sup> / Deodorizing / Humidifying		
Cord Length (m)		2.0		
Dimensions (mm)		384 (W) × 230 (D) × 619 (H)		
Weight (kg)		Approx. 8.2		

ENGLISH

- \*1 • Noise level is measured based on the JEM1467 standard of the Japan Electrical Manufacturers' Association.
- \*2 • The amount of humidification changes in accordance with indoor and outdoor temperature and humidity.  
The amount of humidification increases as temperatures rises or humidity decreases.  
The amount of humidification decreases as temperatures decrease or humidity rises.  
• Measurement Conditions: 20 °C, 30 % humidity (according to JEM1426).
- \*3 • The recommended room size is appropriate for operating the product of maximum fan speed.  
• The recommended room size is an area in which a given amount of dust particles can be removed in 30 minutes (according to JEM1467).
- \*4 • Room size in which approximately 25000 ions per cubic centimeter can be measured in the center of the room when the product is placed next to a wall, is running at MED mode settings, and is at a height of approximately 1.2 meters from the floor.
- \*5 • The filter removes more than 99.97% of particles at least 0.3 microns in size (according to JEM1467).

### Standby Power

When the product's power plug is inserted in a wall outlet it consumes standby power in order to operate electrical circuits. To conserve energy, unplug the power cord when the product is not in use.

# 中文

多謝您購買 SHARP 空氣清淨機。  
請仔細閱讀本說明書，以便正確地使用本空氣清淨機。  
請妥善保管本手冊，以便隨時查閱。

## 目錄

特點 .....	1
重要安全事項 .....	2
各部分名稱 .....	4
使用之前 .....	7
操作方法 .....	8
保養與維護 .....	12
更換方法 .....	16
故障時的檢查事項 .....	17
規格 .....	19

## 請在使用全新空氣清淨機前閱讀

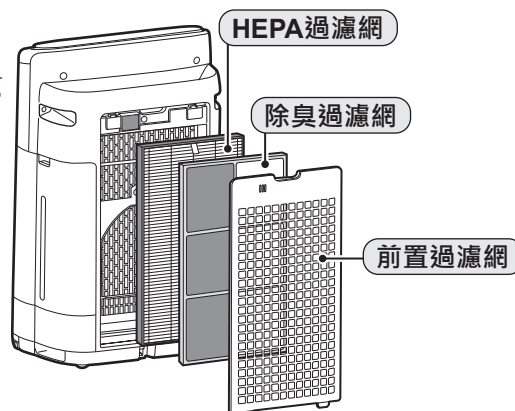
空氣清淨機通過吸入口吸入室內空氣，使其流經產品內的前置過濾網、除臭過濾網和HEPA過濾網，然後通過吹出口釋放空氣。顆粒經過時，HEPA過濾網可去除99.97%的小至0.3微米的顆粒，還能幫助吸收異味。

空氣流經時，除臭過濾網逐漸吸收異味。

隨時間推移，過濾網吸收的部分異味可能會分解，造成其他異味。根據使用環境的差異，尤其是在極端環境（較通常的家居使用環境遠為惡劣）中使用產品時，這些異味會在比預期更短的時間內變得更加強烈。如果仍存在這些異味，請更換過濾網。

自來水中的礦物質附著在過濾網上時，會逐漸硬化和變白，這些礦物質會吸收室內異味，當加濕過濾網乾燥時，會產生難聞的異味。（因水質和其他環境因素而異）

出現這種情況時，請保養加濕過濾網。（第 13 頁）



### 注意

- 空氣清淨機設計用於清除空氣中懸浮的灰塵和異味。但不能清除有害氣體，例如香煙煙霧中含有的一氧化碳。如果異味源一直存在，空氣清淨機可能無法完全清除異味。

# 特點

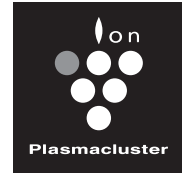
獨特空氣處理技術組合  
三層過濾系統 + 加濕功能 + PCI

## PCI

### 高濃度PCI 25000

PCI密度越高，淨化效果越好。

PCI對空氣進行處理的方法，類似於自然界通過釋放平衡濃度的正、負離子從而對環境進行淨化的過程。



HIGH-DENSITY 25000

中文

## 三層過濾系統 + 加濕功能

### 吸附灰塵

前置過濾網吸附粒徑大於240微米的塵粒。

### 減少異味

除臭過濾網能吸收多種常見家居異味。

### 減少花粉和黴菌

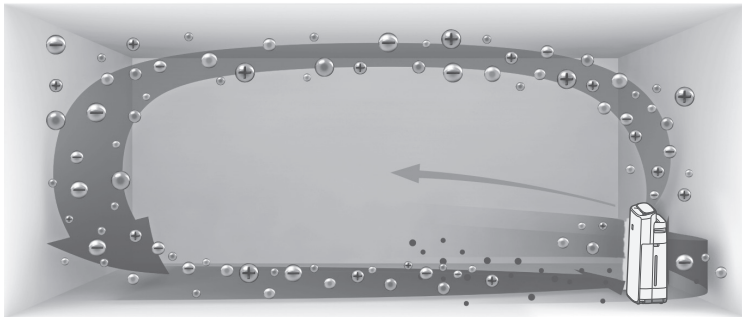
HEPA過濾網能吸附99.97%的小至0.3微米的顆粒。

### 加濕功能

通過自動感應溫度和濕度來控制濕度。

## 獨特氣流

具有強大的吸氣功能，能夠形成獨特氣流，從而快速有效地收集灰塵和其他顆粒。



在20度的方向快速發射氣流，收集室內較低處的灰塵，清潔效果更佳。  
PCI可以消除靜電，從而防止灰塵黏在牆面和其他表面上。

ZH-1

# 重要安全事項

使用電器時，必須遵守基本安全預防措施，包括以下各方面：

## 警告

– 為了減少觸電、火警或受傷等危險，請務必遵守以下注意事項：

- 在使用空氣清淨機之前請閱讀所有注意事項。
- 只能使用220V插座。
- 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。
- 如果電源線損壞，必須由製造商、服務代理、SHARP授權的維修中心或具有同等資格的服務提供商負責更換，以免發生安全危險。當需要調校、修理或出現問題時，請聯絡就近的維修中心。
- 請勿自行維修或拆解本產品的主機。
- 給儲水箱加水、清潔本機、拆裝和更換過濾網以及長期不使用時，請務必拔除電源插頭。否則可能因短路而引起觸電或火警。
- 如果電源線或者插頭已經損壞，或者牆上的電源插座已經鬆脫，請勿使用產品。
- 定期清除電源插頭上的灰塵。
- 請勿將手指或異物插入吸入口或吹出口。
- 當拔除電源插頭時，須務必緊握插頭而不要拉扯電源線。否則可能因短路而引起觸電或火警。
- 注意不要損壞電源線。移動產品時，請勿讓腳輪損壞電源線。否則可能引起觸電、過熱或火警。
- 手濕時請勿拔插電源插頭。
- 請勿在氣體設備或壁爐附近放置產品。當將產品用於內有燃氣器具的同一室內時，應定時給房間通風，否則可能造成一氧化碳中毒。
- 當房間裡使用了噴霧殺蟲劑時，請勿使用本產品。如果房間裡有油渣、焚香、點煙時的火苗、空氣中有化學氣味，請勿使用本產品。

- 請將產品放在遠離水源的地方。浴室等容易變濕的地方，也不要使用本產品。
- 請勿使產品接觸水源。否則會造成短路或觸電。
- 清潔產品時請小心。具強力腐蝕性的清潔劑會損壞產品表面。
- 搬運產品時，先取下儲水箱和加濕托盤，然後緊握產品兩側的手柄。
- 請勿飲用加濕托盤或儲水箱裡的水。
- 每天用新鮮自來水更換儲水箱裡的水，定期清潔儲水箱和加濕托盤。不使用產品時，請倒出儲水箱和加濕托盤裡的水。把水留在儲水箱或加濕托盤裡可能會滋生霉菌和細菌，及產生異味。在少數情況下，此類細菌可能會對健康造成損害。

## 注意

– 產品對收音機或電視接收造成干擾時的注意事項

如果空氣清淨機對收音機或電視接收造成干擾，請嘗試以下其中一項或多項措施：

- 調整或重新放置接收天線。
- 增加產品和收音機或電視的距離。
- 將產品的電源與收音機或電視接收器的電源連接到不同的電路。
- 請諮詢經銷商或具備相關資格的收音機或電視技術人員。

## 操作的注意事項

- 請勿堵塞吸入口或吹出口。
- 請勿將產品靠近或放在熱源物體上（如爐灶、暖爐或可能接觸到蒸氣的場所）。
- 對產品進行操作時，務必使其處於直立狀態。
- 運行過程中請勿移動本產品。
- 拖動腳輪時不要移動或改變產品的方向。
- 在易損壞的地板、不平坦的表面或厚地毯上移動本產品時請向上抬起。



- 用腳輪移動此產品時，請緩慢地沿著水平方向移動。
- 挪動前先關產品並拆下儲水箱，避免夾到手指。
- 請勿在沒有正確安裝過濾網、儲水箱和加濕托盤的情況下操作產品。
- 請勿清洗和重用HEPA過濾網和除臭過濾網。  
否則不但不會提升過濾網性能，還可能導致觸電或操作故障。
- 只能使用軟布清潔產品表面。  
請勿使用揮發性液體或清潔劑。  
輕質汽油、塗料稀釋劑或拋光粉會導致產品表面受損或龜裂。此外，還會引發感測器故障。
- 除垢保養的次數視乎所用水的硬度和其中的雜質而定；水質越硬，越需經常除垢。
- 灌注儲水箱時，確保儲水箱不漏水。
- 務必徹底擦除儲水箱外面多餘的水分。
- 切勿使用熱水（40°C或以上）、化學藥劑、芳香族化合物、污水或其他具腐蝕性的物質，以免導致本產品發生變形或故障。
- 僅可使用新鮮的自來水。如果使用其他水源，可能導致黴菌、真菌或細菌的滋生。
- 請勿手握儲水箱把手搖晃清洗。
- 如果無需更換加濕過濾網，請勿從過濾網支架上拆下加濕過濾網。
- 拆卸或清潔加濕托盤時，避免水溢出。
- 不要拆下浮子和滾輪。如果浮子或滾輪脫落，請參閱第 13 頁。
- 在對加濕托盤和加濕蓋進行維護時，不要使用說明書未列舉的清潔劑。這可能導致變形、變色、開裂（漏水）。
- 清潔過程中，請勿用力擦洗背板。

## 安裝指南

- 請勿安裝在感測器直接對住風口的地方。否則可能引起產品的故障。
- 請勿安裝在傢俱、織物或其他物件可能會接觸到產品、干擾吸入口和吹出口的地方。
- 請勿安裝在冷凝環境或溫度會出現劇烈變化的地方。室溫以0至35°C為宜。

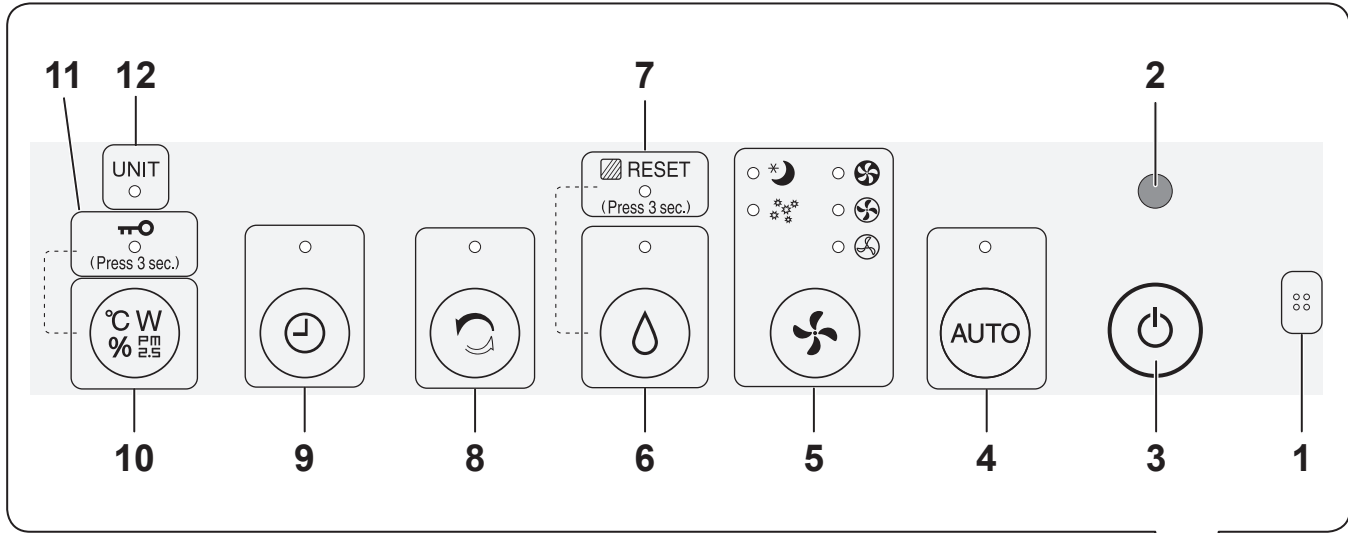
- 安裝必須穩固，且通風良好。把產品放置在鋪有厚地毯的地方時，可能導致產品微微震動。請將產品放置在平坦的表面上，以免儲水箱和加濕托盤漏水。
- 請勿安裝在會產生油脂或油煙的地方。否則可能會導致產品表面破裂及感測器故障。
- 即使產品與牆壁的距離只有3厘米，除塵功能也能使用，但周圍的牆壁和地板可能會變髒。請將產品遠離牆壁放置。吹出口後面的牆壁可能會隨著時間變髒。當在同一位置長時間使用產品時，請定期清潔附近的牆壁。

## 過濾網指南

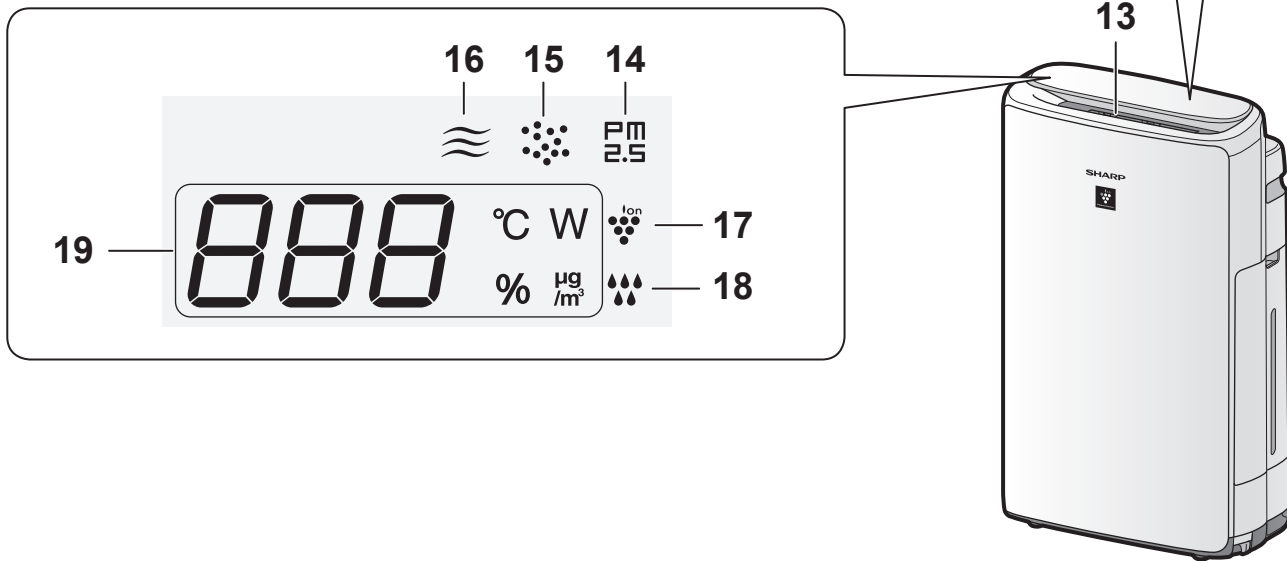
- 遵照說明書指示，了解正確保養和清潔過濾網的方法。

# 各部分名稱

## 操作面板



## 顯示屏



1	感測器 (內置) 異味/溫度/濕度								
2	光線感測器								
3	電源開/關按鈕								
4	自動按鈕、指示燈 (白色)								
5	模式按鈕、指示燈 (白色)								
6	加濕開/關按鈕、指示燈 (白色) (按住3秒) 過濾網復位按鈕								
7	過濾網維護指示燈 (橙色)								
8	強力PCI除菌按鈕、指示燈 (白色)								
9	開/關計時器按鈕、指示燈 (白色)								
10	切換顯示按鈕 (按住3秒) 兒童安全鎖按鈕								
11	兒童安全鎖指示燈 (白色)								
12	裝置更換指示燈 (紅色)								
13	清潔度指示燈 • 以顏色變化的5個級別指示房間的空氣純度。  <table style="margin-left: 20px;"> <tr> <td>乾淨</td> <td>藍色</td> </tr> <tr> <td>↕</td> <td>黃色 (閃爍)</td> </tr> <tr> <td>↕</td> <td>不乾淨</td> </tr> <tr> <td></td> <td>紅色 (快閃)</td> </tr> </table>	乾淨	藍色	↕	黃色 (閃爍)	↕	不乾淨		紅色 (快閃)
乾淨	藍色								
↕	黃色 (閃爍)								
↕	不乾淨								
	紅色 (快閃)								

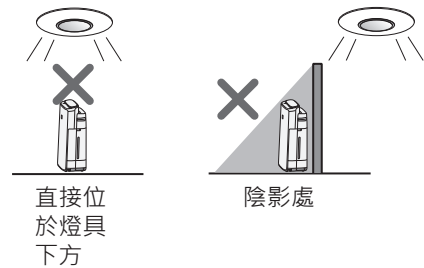
14	PM2.5指示燈 (白色) 顯示靈敏灰塵感測器檢測到細微灰塵。						
15	灰塵指示燈 (白色) 顯示靈敏灰塵感測器檢測到一般灰塵。						
16	異味指示燈 (白色) 顯示異味感測器檢測到異味。						
17	PCI指示燈 (藍色)						
18	濕度指示燈 <table style="margin-left: 20px;"> <tr> <td>白色</td> <td>濕度設置 開</td> </tr> <tr> <td>關</td> <td>濕度設置 關</td> </tr> <tr> <td>紅色 (閃爍)</td> <td>需要供水</td> </tr> </table>	白色	濕度設置 開	關	濕度設置 關	紅色 (閃爍)	需要供水
白色	濕度設置 開						
關	濕度設置 關						
紅色 (閃爍)	需要供水						
19	顯示屏 (* 顯示的數字為近似值。) <ul style="list-style-type: none"> <li>• 計時器 顯示開/關計時器的設置時間或剩餘時間。 <span style="float: right; border: 1px solid black; padding: 2px 5px;">3H</span></li> <li>• 濕度* 顯示濕度範圍為 25 % 至 75 %。 24 % 或更低 <span style="border: 1px solid black; padding: 2px 5px;">Lo %</span> ↔ <span style="border: 1px solid black; padding: 2px 5px;">55 %</span> ↔ <span style="border: 1px solid black; padding: 2px 5px;">Hi %</span> 76 % 或更高</li> <li>• 溫度* 顯示溫度範圍為 0°C 至 50°C。 -1°C 或更低 <span style="border: 1px solid black; padding: 2px 5px;">Lo °C</span> ↔ <span style="border: 1px solid black; padding: 2px 5px;">25 °C</span> ↔ <span style="border: 1px solid black; padding: 2px 5px;">Hi °C</span> 51°C 或更高</li> <li>• PM2.5 濃度* 顯示 PM2.5 範圍為 10 µg/m<sup>3</sup> 至 499 µg/m<sup>3</sup>。 9 µg/m<sup>3</sup> 或更低 <span style="border: 1px solid black; padding: 2px 5px;">Lo µg/m<sup>3</sup></span> ↔ <span style="border: 1px solid black; padding: 2px 5px;">34 µg/m<sup>3</sup></span> ↔ <span style="border: 1px solid black; padding: 2px 5px;">Hi µg/m<sup>3</sup></span> 500 µg/m<sup>3</sup> 或更高</li> <li>• 瓦數* 表示目前操作的瓦數。 <span style="float: right; border: 1px solid black; padding: 2px 5px;">20<sup>W</sup></span></li> </ul>						

## 光線感測器

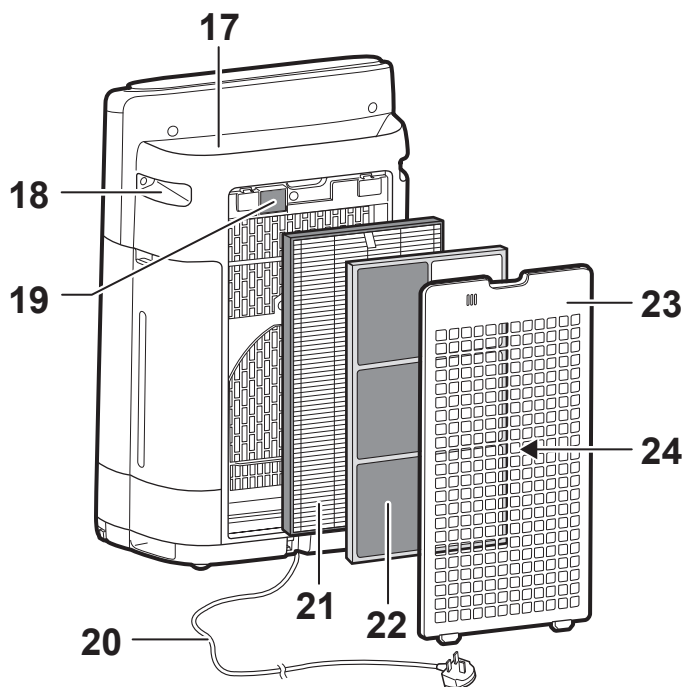
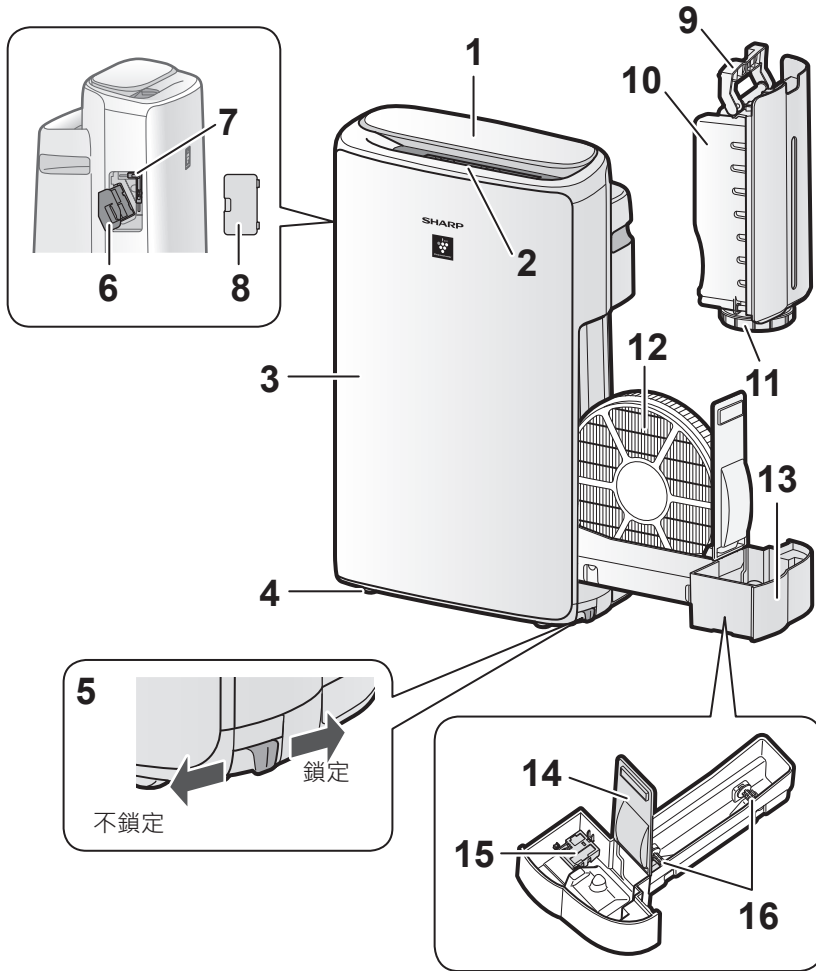
當燈光控制設置為「自動」時，顯示屏和清潔度指示燈將根據房間亮度自動打開或暗光。(第 10 頁)

### 注意 光線感測器探測範圍

請勿將本產品安裝在如下場所。光線感測器可能無法正常感應。



# 主機



1	操作面板/顯示屏
2	吹出口 (正面)
3	主機
4	腳輪 (4處)
5	腳輪制動器 (右側和左側)
6	裝置盒* (PCI發生裝置)
7	裝置清潔刷*
8	裝置蓋*
9	儲水箱手柄
10	儲水箱
11	儲水箱蓋
12	加濕過濾網
13	加濕托盤
14	托盤面板
15	浮子
16	滾輪
17	吹出口 (後面)
18	手柄 (2處)
19	感測器過濾網/感測器 (內置) 靈敏灰塵
20	電源線、電源插頭
21	HEPA 過濾網
22	除臭過濾網
23	背板
24	吸入口

\* 該裝置是指 PCI 發生裝置。(如下圖)

ZH-6

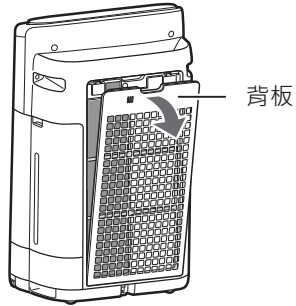
# 使用之前

務必將電源插頭從牆上的電源插座上拔出。

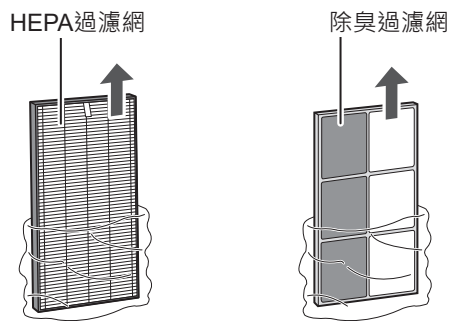


## 安裝過濾網

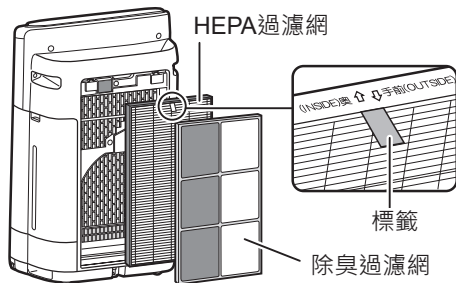
1. 取下背板。



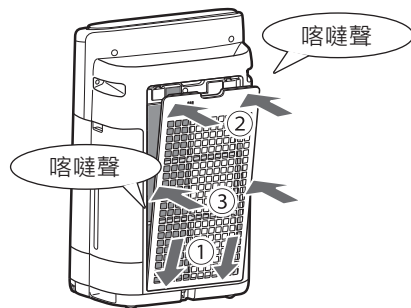
2. 從每個過濾網上取下塑料袋。



3. 按照所示正確順序安裝過濾網。



4. 安裝背板。



### 注意

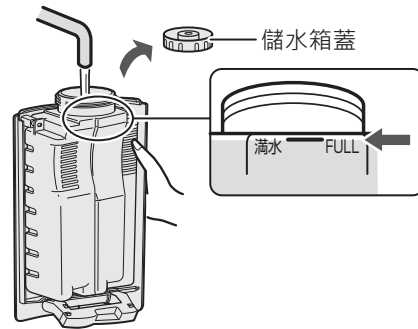
• 更換過濾網時，建議記下開始使用日期。

## 灌注儲水箱

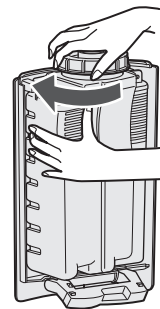
1. 取出儲水箱。



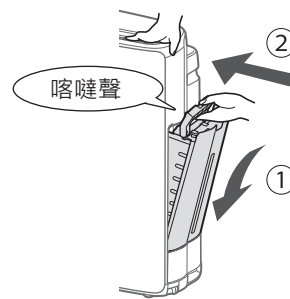
2. 向儲水箱內注入自來水。



3. 為防止漏水，請蓋緊儲水箱蓋。

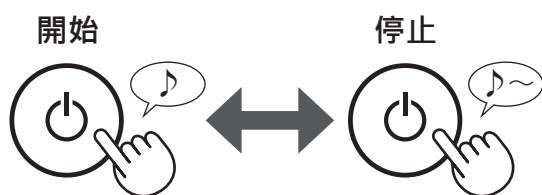


4. 安裝儲水箱。



# 操作方法

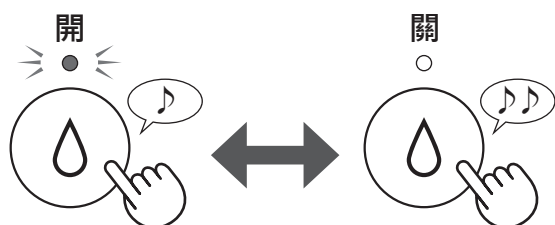
## 開始 / 停止



### 注意

- 當產品開始啟動時，按之前的運行模式開始運轉。

## 加濕設置



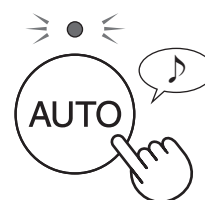
### 注意

- 加濕功能開啟後，在下表中的模式下運行時，本產品通過感應溫度和濕度自動控制濕度。（不包括高/中/低模式。）

溫度 (T)	濕度	
	所有模式*	睡眠模式
$T < 18\text{ }^{\circ}\text{C}$	65 %	65 %
$18\text{ }^{\circ}\text{C} \leq T < 24\text{ }^{\circ}\text{C}$	60 %	65 %
$24\text{ }^{\circ}\text{C} \leq T < 28\text{ }^{\circ}\text{C}$	55 %	60 %
$28\text{ }^{\circ}\text{C} \leq T$	45 %	50 %

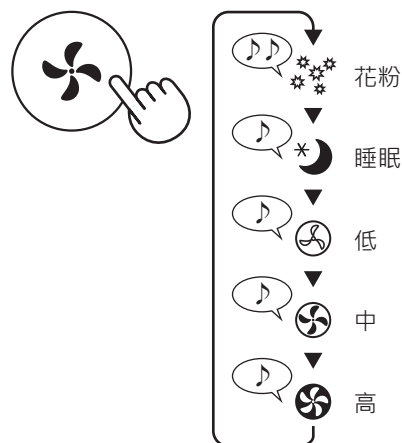
\* 不包括高 / 中 / 低 / 睡眠模式

## 自動模式



風速根據六個檢測自動控制。  
(PM2.5/一般灰塵/異味/溫度/濕度/光線)

## 選擇風量和模式



### 花粉模式：

靈敏灰塵感測器的靈敏度自動增加，快速檢測灰塵和花粉等雜質，並強力清潔空氣。

### 睡眠模式：

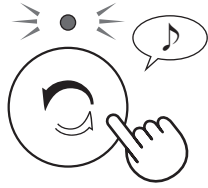
產品將安靜地運轉，且風速根據空氣中雜質的量和房間亮度自動切換。

### 注意

- 當光線感測器設置為「自動」時，顯示和清潔度指示燈會根據房間亮度自動切換「暗光」或「關閉」。(第 10 頁)  
房間明亮：燈光切換為暗光  
房間昏暗：燈光切換為關閉

## 強力 PCI 除菌按鈕

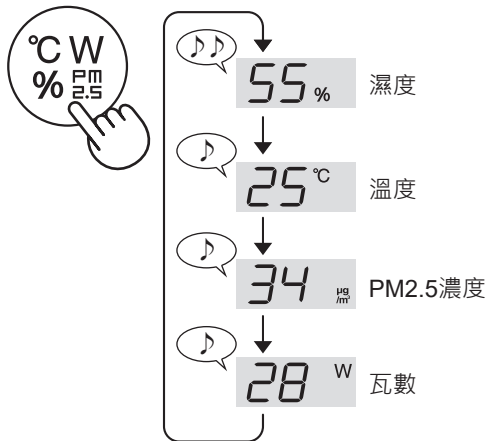
該產品通過強氣流釋放PCI離子，收集灰塵，同時減少靜電10分鐘。  
之後，靈敏灰塵感測器靈敏度自動增加，快速檢測雜質，並強力清潔空氣50分鐘。



### 注意

- 當60分鐘後操作完成時，產品將恢復到以前的操作模式。可在此模式下更改其他模式。
- PCI離子不能「關閉」。

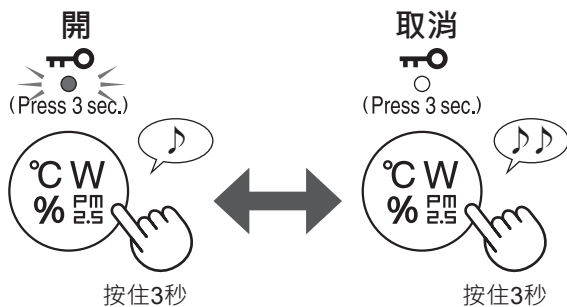
## 切換顯示



## 兒童安全鎖

操作面板將被鎖定。

(產品開啟或關閉)



## 開 / 關計時器

### 開計時器：

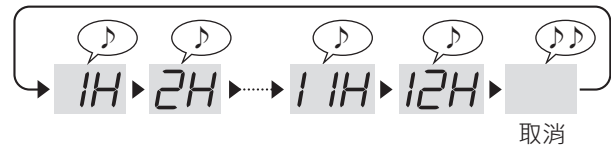
選擇您想要的時間長度。到達所選定的時間後，產品會自動開啟。

### 關計時器：

選擇您想要的時間長度。到達所選定的時間後，產品會自動停機。

(開計時器: 產品關閉)

(關計時器: 產品開啟)



### 注意

### 開計時器：

- 如果8秒鐘內沒有操作，設置將以蜂鳴音結束。開/關計時器燈將亮起並顯示操作開始前的剩餘小時數。
- 您可以通過再次觸摸開/關計時器按鈕來重置計時器。

### 關計時器：

- 如果8秒鐘內沒有操作，設置將以蜂鳴音結束。顯示屏將恢復到之前的狀態。
- 設置完成後，觸摸一次開/關計時器按鈕，將顯示操作的剩餘小時數，觸摸兩次，可以重置計時器。

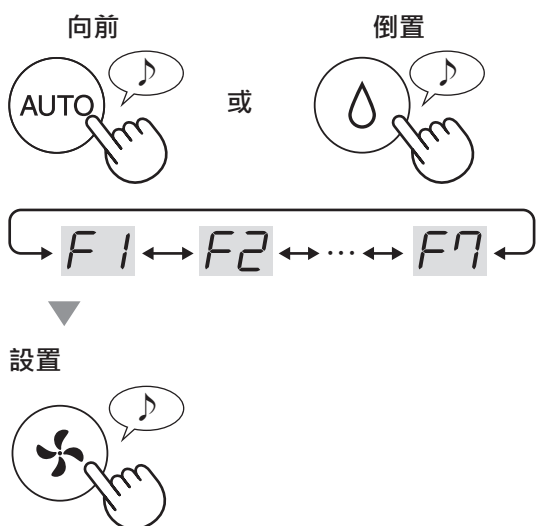
## 如何更改各種設置

您可以在第 10、11 頁的表中更改功能。

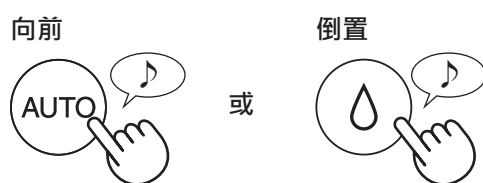
### 1. (產品關閉)



### 2. 選擇「功能編號」。



### 3. 選擇「設置編號」。



### 4. 按下電源開/關按鈕，完成設置模式。



功能	設置											
<p><b>F1</b></p> <p><b>燈光控制</b></p> <p>可以選擇正面顯示屏和清潔度指示燈的亮度。</p>	<p><b>01 關閉</b></p> <p>設置為「關閉」時，「暗光」指示燈在本機開始運行後點亮 8 秒，然後熄滅。 僅當本產品需要加水時，濕度指示燈變暗閃爍。 只有當PCI發生裝置需要更換時，裝置更換指示燈才會閃爍得更暗。</p> <p><b>02 暗光</b></p> <p><b>03 自動 (出廠設置)</b></p> <p>燈光根據室內亮度自動開或關。</p> <table border="1"> <thead> <tr> <th rowspan="2">室內亮度</th> <th colspan="2">顯示屏和清潔度指示燈</th> </tr> <tr> <th>所有模式 (不包括睡眠模式)</th> <th>睡眠模式</th> </tr> </thead> <tbody> <tr> <td>亮</td> <td>開</td> <td>暗光</td> </tr> <tr> <td>暗光</td> <td>暗光</td> <td>關</td> </tr> </tbody> </table>	室內亮度	顯示屏和清潔度指示燈		所有模式 (不包括睡眠模式)	睡眠模式	亮	開	暗光	暗光	暗光	關
室內亮度	顯示屏和清潔度指示燈											
	所有模式 (不包括睡眠模式)	睡眠模式										
亮	開	暗光										
暗光	暗光	關										



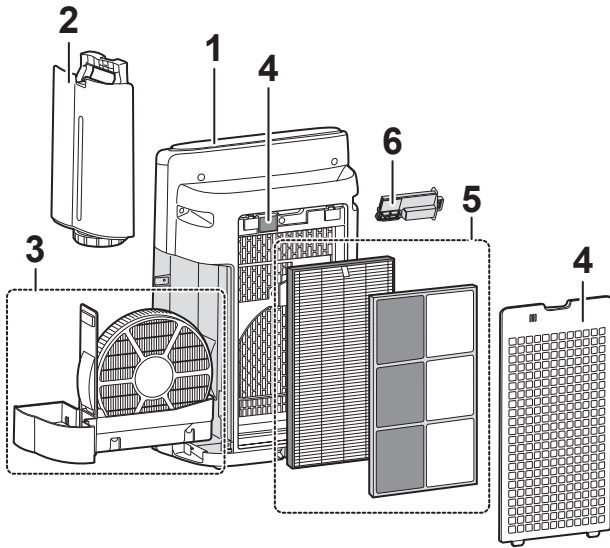
功能	設置
<b>F2</b> <b>PCI 開 / 關</b>	<b>01</b> 關 <b>02</b> 開 (出廠設置)
<b>F3</b> <b>自動記憶功能</b> 如果拔下了產品電源插頭或者突然停電，電源恢復後，產品將按之前的設置恢復運轉。	<b>01</b> 取消 <b>02</b> 開 (出廠設置)
<b>調節感測器靈敏度 (F4 - F6)</b>	
<b>F4</b> 光線感測器	<b>01</b> 低
<b>F5</b> 靈敏灰塵感測器	<b>02</b> 標準 (出廠設置)
<b>F6</b> 異味感測器	<b>03</b> 高
<b>F7</b> <b>聲音提示設置</b> 產品可設置為儲水箱變空時發出嗶嗶聲的信號。	<b>01</b> 取消 (出廠設置) <b>02</b> 開

# 保養與維護

務必將電源插頭從牆上的電源插座上拔出。



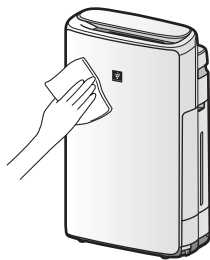
## 保養護理



放置		頁碼
1	主機	12
2	儲水箱	12
3	加濕過濾網/加濕托盤	13
4	背板/感測器	14
5	HEPA過濾網/除臭過濾網	14
6	PCI發生裝置	15

## 主機

用柔軟乾布擦拭。



## 過濾網維護指示燈

當累計運行時間或盛水時間超過約720小時，過濾網維護指示燈亮起。

- 產品拔出插頭的時間不會計算入內。
- 30天 x 24小時 = 720小時

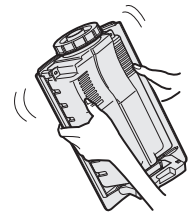
這是請執行所述加濕過濾網和托盤、主體、背板和感測器維護的提示。

維護完成後，將過濾網維護指示燈復位。



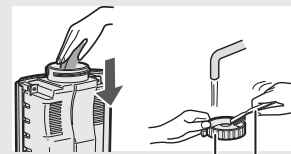
## 儲水箱

用水沖洗內部。



### 注意 如何清潔頑固污漬

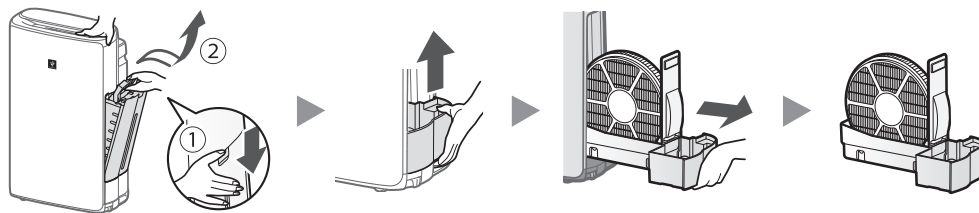
用軟海綿清洗儲水箱內壁，用棉花棒或牙刷清洗儲水箱蓋。



儲水箱蓋 牙刷

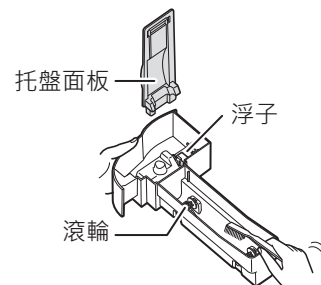
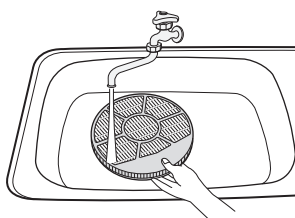
## 加濕過濾網 / 加濕托盤

### 1. 拆下加濕過濾網和托盤。



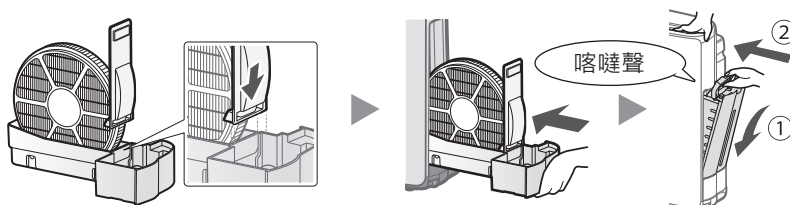
### 2. 用大量水沖洗。

- 不要拆下浮子和滾輪。如果脫落，請參閱下文。



### 3. 安裝加濕過濾網和托盤。

- 維護保養後，按照正確方式重新安裝部件。



#### 注意 如何清潔頑固污漬

	廚房清潔劑 (只適用於加濕托盤)	檸檬酸 (部分藥店有售)	不帶果肉的100%瓶裝檸檬汁
1	1. 將托盤裝一半水。 2. 添加少量廚房清潔劑。	2 1/2杯水 3茶匙	3杯水 1/4杯
2	浸泡30分鐘。 		浸泡30分鐘。 (如果使用檸檬汁作為除垢液，則需浸泡更長時間)
3	用清水沖洗廚房清潔劑或除垢液。		

#### 注意 如何安裝浮子和滾輪

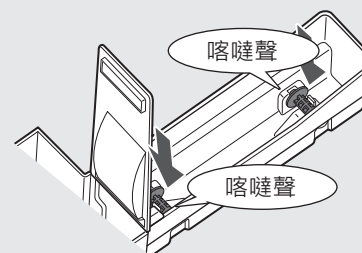
##### 浮子

3. 將扣鉤插入至浮子另一側的孔內。

2. 將扣鉤插入至浮子一側的孔內。



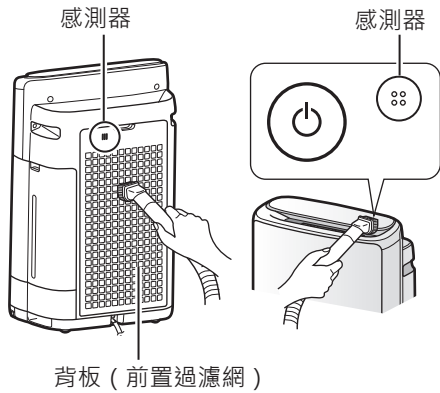
##### 滾輪



ZH-13

## 背板 / 感測器

用真空吸塵器等清潔工具小心地清除灰塵。



### 注意

- 擦洗背板時，請勿用力過度。

### 注意 如何清潔頑固污漬

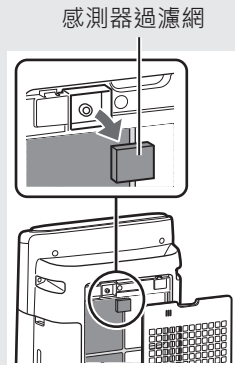
#### 背板

1. 在水中加入數滴廚房用洗滌劑，將背板浸泡 10 分鐘左右。
2. 用潔淨的水沖洗廚房用洗滌劑。
3. 在通風良好的地方晾乾過濾網。



#### 感測器過濾網

1. 取下背板。
2. 取下感測器過濾網。
3. 如果感測器過濾網非常髒，請用水清洗並晾乾。

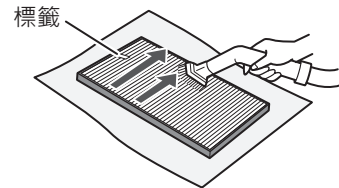


## HEPA 過濾網 / 除臭過濾網

清除過濾網上的灰塵。

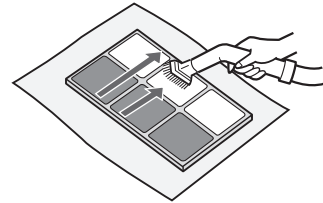
### HEPA 過濾網

只需清潔標記的表面。切勿清潔另一面。過濾網較脆弱，請小心不要太過用力。



### 除臭過濾網

兩個表面都可以清潔。如果太用力的話，可能會損壞過濾網，因此請小心處理。

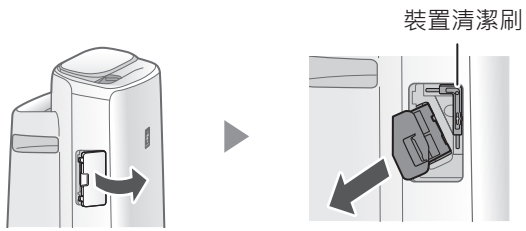


### 注意

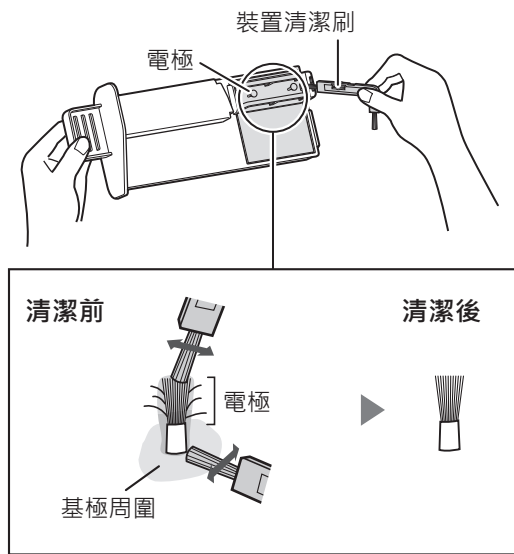
- 切勿清洗過濾網。請勿將其置於陽光下。（否則過濾網會失效。）
- 隨時間推移，過濾網吸收的部分異味可能會分解，造成其他異味。根據使用環境的差異，尤其是在極端環境（較一般的家居使用環境遠為惡劣）中使用產品時，這些異味會在比預期更短的時間內變得更加強烈。在這種情況下以及清潔後仍無法清除異味時，請更換過濾網。

## PCI 發生裝置 (電極板)

### 1. 移開裝置蓋，然後拉出裝置盒。



### 2. 清除電極板上的灰塵。

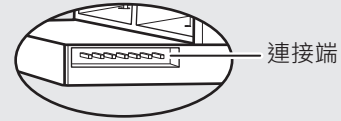


### 3. 將裝置盒插入產品中，蓋好裝置蓋。



#### 注意

- 不要使用除裝置清潔刷以外的任何東西進行清潔。否則會導致裝置出現故障。
- 清潔過程中，將電極弄彎可能會導致折斷或掉落，但不會影響效果。
- 切勿碰觸電極。否則會導致疼痛/瘙癢。
- 切勿改變電極板。否則會弄壞它。
- 切勿碰觸連接端。否則會弄壞它們。



# 更換方法

務必將電源插頭從牆上的電源插座上拔出。



## 過濾網

### 過濾網的使用壽命

過濾網使用壽命取決於房間環境、使用情況及產品的位置。


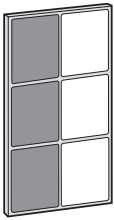
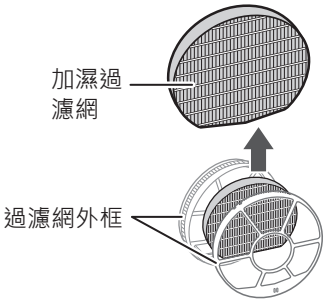
HEPA過濾網和除臭過濾網的使用壽命和更換週期以下條件為基準：如果每天在室內淨化5支香煙所散發的煙霧，則產品的集塵和除臭效果較新過濾網減半。

若在煙霧環境比一般家居更嚴重（PM2.5等）的環境下使用產品，建議勤換過濾網。

- HEPA過濾網：開封後約10年
- 除臭過濾網：開封後約10年
- 加濕過濾網：開封後約10年

### 更換用的過濾網型號

有關購買更換用的過濾網，請聯繫您的經銷商。

HEPA過濾網 (1件) <b>FZ-D40HFE</b>	
除臭過濾網 (1件) <b>FZ-G40DFE</b>	
加濕過濾網 (1件) <b>FZ-J1XMF</b> * 不要丟棄過濾網框架。	

## 棄置過濾網

請按照當地法律法規來處理已使用的過濾網。

材料：

HEPA過濾網	• 聚丙烯 • 聚乙烯
除臭過濾網	• 紙 • ABS 樹脂
加濕過濾網	• 聚酯 • 人造纖維

## PCI 發生裝置

### 裝置更換指示燈

當總運行時間超過 17,500 小時，裝置更換指示燈會閃爍，表示需要更換 PCI 發生裝置。

運行時間	說明
17,500 小時 UNIT 慢閃	更換 PCI 發生裝置
19,000 小時 UNIT 快閃	PCI 發生裝置不會釋放出 PCI 離子。

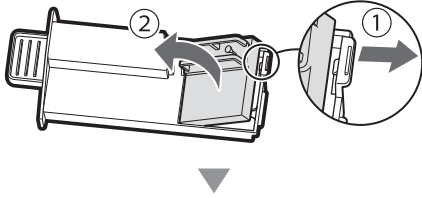
\* 更換時間與選定的操作模式無關。

## 更換用的 PCI 發生裝置型號

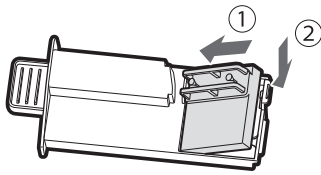
如需購買更換用的 PCI 發生裝置，請聯繫經銷商。

### IZ-C90ME

取下裝置盒卡 ( ① )，然後取出 PCI 發生裝置 ( ② )。



裝上新裝置。



- 當 PCI 發生裝置更換新零件時，定時器將被重置並返回 19,000 小時。

## 棄置 PCI 發生裝置

請按照當地法律法規來處理已使用的 PCI 發生裝置。

材料：

- 聚對苯二甲酸丁二醇酯
- 電子零件

## 故障時的檢查事項

撥打服務電話之前，請查看下方疑難解答表，因為出現的問題可能不是產品故障。

### 異味和煙霧持續存在

- 檢查過濾網。如果過濾網很髒，請清潔或更換。

### 產品排放的空氣有異味

- 檢查過濾網是否很髒。
- 清潔或更換過濾網。
- 僅可使用新鮮的自來水。如果使用其他水源，可能導致黴菌、真菌或細菌的滋生。

### 空氣中有香煙煙霧時，產品不能正常運行

- 確保產品安裝在感測器能探測到香煙煙霧的地方。
- 檢查靈敏灰塵感測器開口是否阻塞或堵塞。如果開口阻塞或堵塞，請清潔感測器過濾網或背板。

### 新產品和 / 或新過濾網的氣味

- 拆掉塑料袋後，可能會短暫出現輕微異味。這種異味不影響過濾網過濾性能，人與之接觸也無害。

### 產品發出喀嚓或滴答聲

- 產品產生離子時，可能會發出喀嚓或滴答聲。

### 即使空氣污濁，清潔度指示燈也會呈藍色

- 當本產品剛剛接通電源時，吹出的空氣可能有雜質。拔下產品電源插頭，等待一分鐘，再重新插入產品插頭。

### 即使空氣乾淨，清潔度指示燈也會呈紅色

- 靈敏灰塵感測器開口髒污或堵塞時影響感測器的使用。輕輕清潔感測器過濾網或背板。

### 清潔度指示燈頻繁改變顏色

- 當靈敏灰塵感測器和異味感測器檢測到雜質時，清潔度指示燈會自動改變顏色。如果無需頻繁改變顏色，可更改感測器的靈敏度。  
( 第 10, 11 頁 )

### 過濾網維護指示燈點亮

- 進行維護保養或更換加濕過濾網後，請將電源線連接到電源插座上，然後觸摸過濾網復位按鈕超過 3 秒。( 第 12 頁 )

### 顯示屏已關閉

- 當燈光控制設置為「關閉」時，照明燈總是關閉。
- 如果不想關閉照明燈，請將燈光控制設置為「自動」或「暗光」。(第 10 頁)

### 顯示屏上的信息與天氣預報或室內其他濕度計或溫度計顯示的信息不匹配

- 室外和室內以及家庭環境（附近交通量、家中樓層的層數等）可能會導致讀數不同。
- 顯示的室內溫濕度有所不同。





### 儲水箱無水時，正面顯示屏上的濕度指示燈不會點亮

- 室內濕度達到合適水平，會停止加濕。
- 檢查浮子外框上是否有雜質。清潔加濕托盤。確保本產品放置在水平面上。

### 儲水箱中的水量沒有減少或減少太慢

- 請檢查加濕托盤和儲水箱是否已經正確安裝。請檢查加濕過濾網。
- 請檢查過濾網，當過濾網很骯髒時，請更換過濾網。

### 錯誤顯示

	<ul style="list-style-type: none"><li>• PCI的密度降低。清潔PCI發生裝置（電極板）。</li></ul>
	<ul style="list-style-type: none"><li>• 確保加濕過濾網、加濕托盤和滾輪安裝正確，然後重新開啟電源。</li></ul>
	<ul style="list-style-type: none"><li>• 確保PCI發生裝置正確插入。拔出PCI發生裝置，重新插入末端，再進行操作。</li></ul>
	<ul style="list-style-type: none"><li>• 拔下產品電源插頭，等待一分鐘，再重新插入電源插頭。</li></ul>



# 規格

型號		KI-N50A		
電源供應		220 V ~ 50 Hz		
風速調節		高	中	低
空氣清淨	風速 ( m <sup>3</sup> /小時 )	306	168	60
	額定功率 (W)	51	17	5.5
	噪音級 (dBA) <sup>*1</sup>	51	40	17
空氣清淨 和 加濕	風速 ( m <sup>3</sup> /小時 )	252	186	66
	額定功率 (W)	32	22	6.7
	噪音級 (dBA) <sup>*1</sup>	47	43	20
	加濕 ( mL/小時 ) <sup>*2</sup>	600	480	200
備用耗電量 (W)		1.2		
建議房間面積 (m <sup>2</sup> ) <sup>*3</sup>		~ 38		
高密度 PCI 建議房間面積 (m <sup>2</sup> ) <sup>*4</sup>		~ 21		
儲水箱容量 (L)		約 2.7		
感測器		靈敏灰塵 / 異味 / 光線 / 溫度和濕度		
過濾網類型		HEPA <sup>*5</sup> / 除臭 / 加濕		
電源線長度 (m)		2.0		
尺寸 (mm)		384 (W) × 230 (D) × 619 (H)		
重量 (kg)		約 8.2		

中文

- \*1 • 噪音級根據日本電器生產商聯合會的JEM1467標準測定。
- \*2 • 空氣加濕量隨著室內和室外溫度及濕度的變化而有所不同。  
空氣加濕量隨著溫度上升或濕度下降而增強。  
空氣加濕量隨著溫度降低或濕度上升而減弱。  
• 測量條件：20°C · 相對濕度30% ( 根據JEM1426 )
- \*3 • 建議房間面積是指在強風模式下運行產品的最合適房間面積。  
• 建議房間面積是指在30分鐘內能去除固定灰塵顆粒的區域。( 根據JEM1467 )
- \*4 • 當產品被放置在靠牆位置、以 MED ( 中 ) 模式運行，且距離地面約 1.2 米高時，在房間中央能夠檢測到每立方厘米空氣中約含25000個離子。
- \*5 • 過濾網可去除多於99.97%的0.3微米及以上大小的顆粒物 ( 根據JEM1467 )

## 備用耗電量

當產品的電源插頭插入插座時，產品會產生備用耗電量來運行電路。為了節約用電，請於不使用產品時拔除電源接線。

# MEMO

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ZH-20

# MEMO

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中文

ZH-21

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