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# FEATURES

## High density Plasmacluster Ion purifies the air in the room all around the year



High-density  
Plasmacluster 25000

### High-density Plasmacluster 25000

- Same ions found in nature
- Air purifying efficacy is accredited \*1
- Safety is confirmed \*2

For details on Plasmacluster technology, please visit  
official site of Sharp Corporation in Japan

<http://www.sharp-pci.com/>

### Slim & Stylish

Slim and compact body

### Comfortable sleep

The light and airflow is adjusted  
according to the status detected  
by the Light Control Sensor

### Integrated filter (dust collection/deodorant)

High performance filter securely  
captures odors and house dust

### PM2.5 monitor

It displays the approximate quantity of  
PM 2.5 particles in the room through  
the color change of the indicator

### Effective for odor removal

Ion are propelled forward to  
eliminate odors and static  
electricity

- PM2.5 is a general term for the particles whose diameters are not more than 2.5 $\mu$ m.  
Substances included in PM2.5
  - Smoke of cigarette and incense stick
  - Smoke generated during cooking
  - Exhaust gas of vehicle etc.
  - Smoke generated when something is burnt
- The displayed color of the PM2.5 Indicator is only for your reference.

\*1 Tested by: German Aachen University of Applied Sciences, Professor Artmann (viruses, fungi, germs)  
Hiroshima University Graduate School of Advanced Sciences.  
(Feces of ticks, allele material of carcasses)

\*2 Tested by: LSI Medience Corporation

# Place it anywhere you want

Slim and high tech air purifier is highly effective in improving air quality

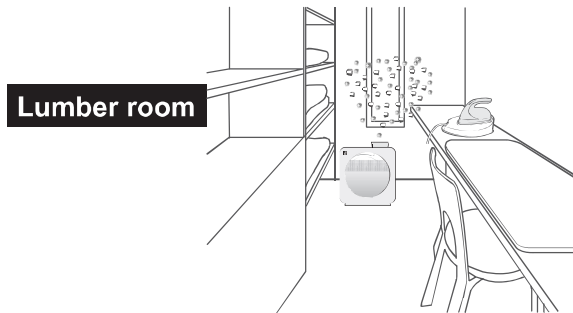
(Be sure to follow the precautions about installation on page E-5/E-8)



ENGLISH

## Our recommendations

For your favorite places



# PRECAUTIONS

When using electrical appliances, basic safety precautions should be followed as below.

**Warning**—In order to reduce the risk of electric shock, fire or injury:

- Please read **all** the instructions in the manual before operating the unit.
- Only use a 220 volt outlet with a polarized receptacle.
- Do not operate the unit if the power cord is damaged or the connection to the wall outlet is loosened.
- Remove dust from the power plug regularly.
- **Do not insert fingers or foreign objects into the air intake or air outlet of the unit.**
- **Please hold the plug firmly instead of pulling the power cord when unplugging the unit.** Otherwise, electric shock, fire or short circuit may occur.
- **Do not remove the power plug when your hands are wet.**
- **Do not operate the unit near gas appliances or fireplaces.**
- **Please remove the power plug from the wall outlet before cleaning the unit or when the unit will not be used for a period.** Otherwise, bad insulation may lead to electric shock, short circuit and/or fire.
- **If the power cord is damaged, it must be replaced by the manufacturer or its agent, Sharp Authorized Service Center or equivalent qualified person so that hazard can be avoided.**
- Do not operate the unit when spraying aerosol pesticides, or there is oil residue, smoke of incense, spark of cigarettes in the room, chemical fumes in the air, or in a highly humidified place such as a bathroom.
- Please take care when cleaning the unit. Strong corrosive cleansers may damage the exterior of the unit.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Only Sharp Authorized Service Center can repair the unit. If any problems, adjustments, and/or repairs occur, please contact your nearest Sharp Service Center.

**Caution**—Radio or TV Interference

Should this unit interfere with radio or television reception, please try at least one of the following measures to amend it:

- Reorient or relocate the receiving antenna.
- Increase the distance between the air purifier and the radio/TV receiver.
- Do not use the same socket to connect this unit and the receiver.
- If you need help, please contact your dealer or professional radio/TV technician.



If the power cord is damaged, it must be replaced by the manufacturer, Sharp Authorized Service Center or equivalent qualified person so that hazard can be avoided.

## Cautions Concerning Operation

- Do not block the Air Intake and Air Outlet.
- Do not place the unit near or on heating objects, such as stoves or heaters, or anywhere it may contact with steam when operating the unit.
- Please always operate the unit in an upright position.
- **Please hold the handles on both sides of the unit firmly when moving the unit.**  
Hold the panel when moving the unit may cause the panel to fall off, main unit to drop, and injury.
- **Do not operate the unit without installing the filters.**
- **Do not wash and/or reuse 2-in-1 HEPA& Deodorizing Filter.**
- **Clean the exterior of the unit with a soft cloth only.**  
Otherwise, the unit may be damaged or broken.  
Moreover, it may lead to breakdown of the sensors.
- **Please clean the unit regularly according to different water quality. The lower the purity of water is, the more often you should clean the unit.**
- **Please keep the unit away from water source.**

## Installation Instruction

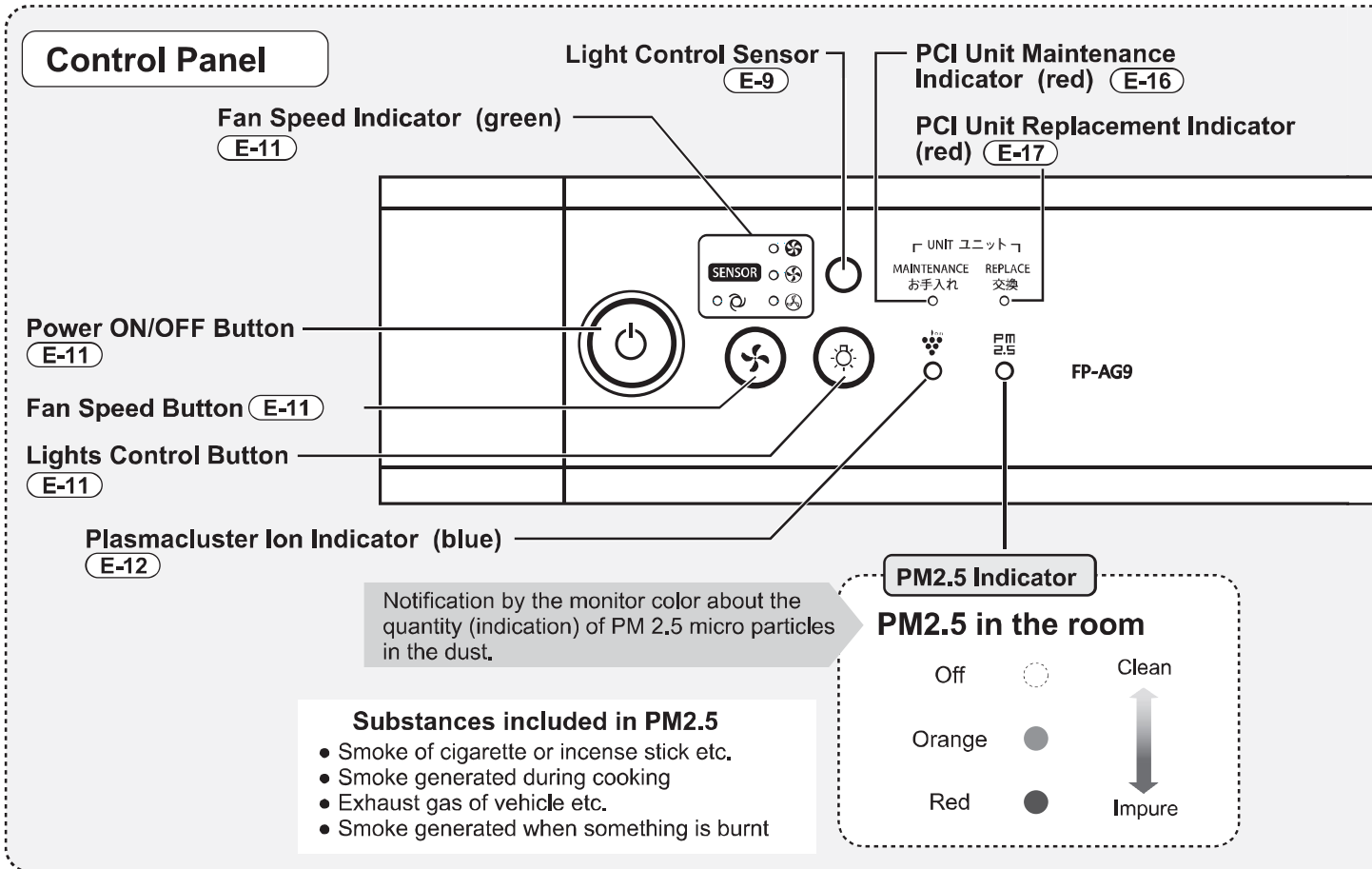
- **When operating the unit, please place the unit at least 2 meters away from equipments with electric waves such as televisions, radios or clocks, so that electrical interference can be avoided.**
- **Do not install the unit in the place where the sensor is exposed to direct wind.**  
Otherwise the unit may not operate properly.
- **Do not install the unit in the place where objects like curtains are near the Air Intake or Air Outlet of the unit.**  
Otherwise, such objects may become dirty or the unit may break down.
- **Do not install the unit in the place where the unit is exposed to condensation or drastic temperature changes.**  
Please operate the unit in the room temperature between 0°C and 35°C.
- **Please place the unit on a stable surface with sufficient air circulation.**  
If the unit is placed on a thick carpet, it may cause the unit to vibrate slightly.
- **Do not install the unit in the place where dark smoke will generate (e.g. kitchen).**  
Otherwise, it may cause the surface of unit to crack or the sensor to break down.
- **Please place the unit 30cm to 60cm away from the wall.**  
It may cause the wall behind the air outlet of the unit to become dirty; if the unit is operated in the same location for a long period, please paste a soft rubber pad on the wall in order to prevent the wall becoming dirty. Moreover, please clean the wall regularly.

## Filter Instruction

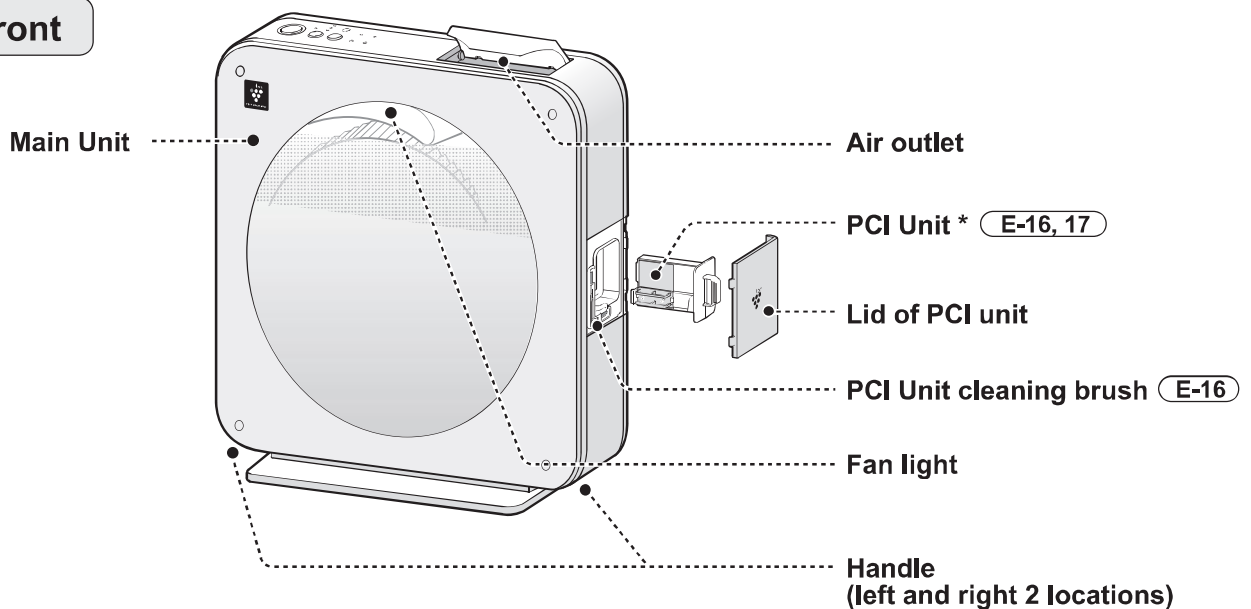
- Please follow the instruction in this manual to care and maintain the filters correctly.

# PART NAMES

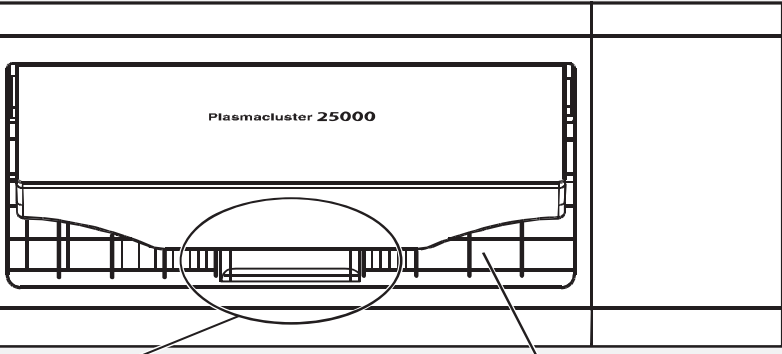
## Main Unit and Control Panel



## Front



\* The unit means the Plasmacluster Ion generating unit.  
Do not remove it excluding the cases of maintenance and replacement.



Air outlet

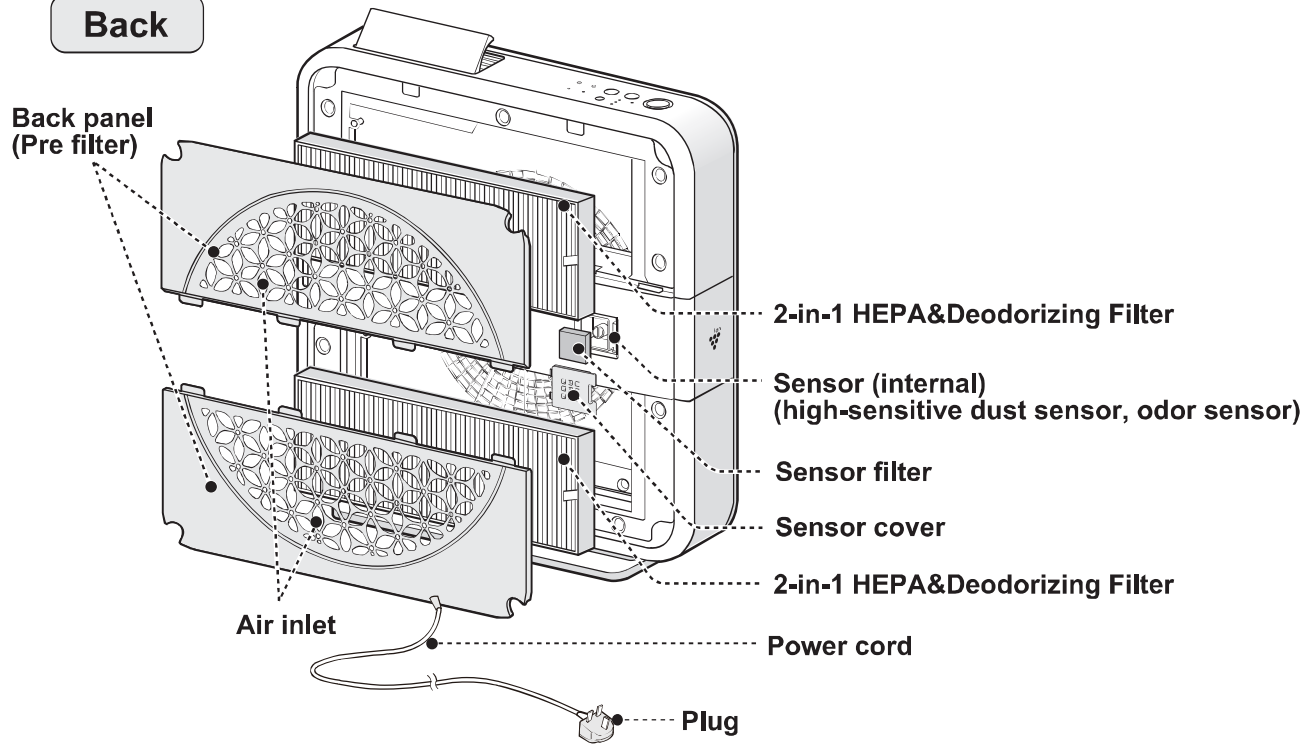
**Clean-Sign Indicator**

Level of cleanliness in the room is informed by different colors and blinking speed.

**Cleanliness in the room (synthetic judgement)**

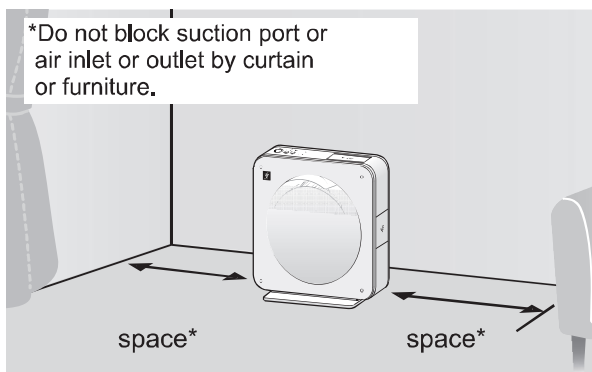
Green(Lighting)		Clean
Orange(Flashing)		↑ ↓
Red(Flashing quickly)		

**Back**



# THINGS TO KNOW

## Location Requirement



The dust collecting performance will be the same even if using the main unit close to the wall, but place it as far as possible because it may dirty the wall or floor around.

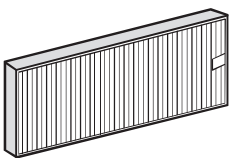
- **Operate the unit at room temperature from 0 to 35°C**  
To prevent dew condensation or freezing that influence the life time or failure of filters.
- **Avoid direct sunlight**
- **Keep the main unit away from windows or air blown from air conditioners or heaters**  
To prevent deformation, deterioration or discoloration as well as the malfunction of sensors.
- **Place the main unit in flat and stable place**  
To prevent the floor from being dented or scratched.
- **If wall or furniture around the main unit gets dirty, separate the product from wall sufficiently.**
- **Be sure to attach the filters and back panels to the unit while in operation**  
(No cleaning effect or failure could result)
- **Be aware of dirt on the floor as well as the surrounding walls if the main unit is used at the same place for a long period of time**  
Move the main unit and clean the floor and walls occasionally.
- **Perform regular maintenance and replacement of filter and unit**  
To prevent inside of main unit gets dirty.
- **If TV or radio is disturbed by noise or the atomic clock does not display the time correctly, keep the unit away from TV, radio, or atomic clock etc. as much as possible**

### Caution

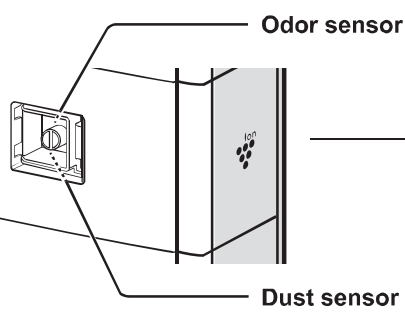
- **Do not use cosmetic products\* containing fluorine resin or silicon near the main unit. If an insulator of fluorine resin and silicon attached to the inside of main unit, the Plasmacluster Ion may not be generated. (Unit maintenance indicator will turn on) In such a case, maintain the electrode section of the Plasmacluster ion generating unit. (E-16)**
  - ★ Hair care products (splitend coat, hair mousse, hair treatment etc.), cosmetics, antiperspirants, antistatic agents, waterproof sprays, polishing agent, glass cleaners, chemically clothes, wax etc.



## Filter

	Filterable	Unfilterable
<p><b>2-in-1 HEPA &amp; Deodorizing Filter</b></p> 	<ul style="list-style-type: none"> <li>• Pollens, mite allergens (dust mite feces and dead mites)</li> <li>• Mold</li> <li>• Dust</li> <li>• Cigarette smoke (particles)</li> <li>• Pet hairs</li> <li>• PM2.5 etc.</li> <li>• Cigarette smoke (odor)</li> <li>• Bathroom odor</li> <li>• Garbage odor</li> <li>• Pet odor</li> </ul>	<ul style="list-style-type: none"> <li>• <b>Harmful gas components</b> (carbon monoxide from cigarettes, etc.)</li> <li>• <b>Constantly generated odor components</b> (E.g. odor from building materials including formaldehyde, pet odor, etc.)</li> </ul>


## Dust/Odor Sensor

Sensor	Detectable
	<p>Odor of cigarette and incense stick, cosmetic product, alcohol, spray etc.</p>
	<p>House dust (dust, dust mite feces, airborne mold, pollen), cigarette smoke, PM2.5 (microparticle whose diameter is 2.5µm or less) etc.</p> <p>Detect from microparticles including PM2.5 to larger particles such as pollen.</p>

## Light Control Sensor

The brightness of monitor adjusted automatically according to the status detected by the Light Control Sensor (Light control and fan speed set at "auto")

**If the product is installed at a place with shade, the Light control sensor cannot detect the brightness properly and the product may malfunction.**



**under lighting equipment**

**Shade**

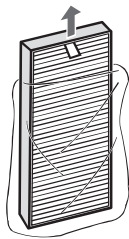
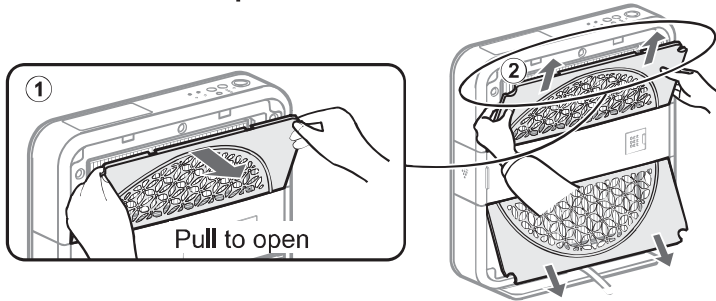
The product may not be operated by the brightness of the room depending on the installation location. In such a case, adjust the installation location. (You may adjust the Sensitivity of Light Control Sensor. **(E-13)** )

# PREPARATION

## Filter Installation

Be sure to install filters before plugging the power plug into the socket.

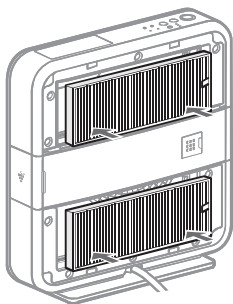
1 Remove the back panel to take filters out



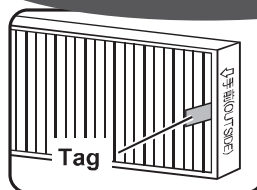
2 Take filters out of plastic bags (2 pieces)

- Do not wash with water. (The filter performance will be degraded.)

3 Attach filters to the main unit

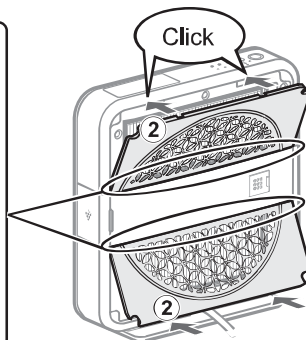
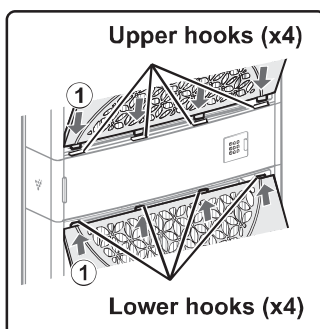


Tag surface should be attached to the front side




- Install the tag surface of filter to the front side.
- If installed in an opposite direction, dust collection effect cannot be obtained.

4 Install the back panel




# OPERATION

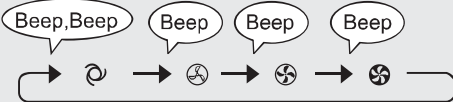
## Auto/Manual Operation Mode





**1**  **Power ON** Beep

**2**  **Select a desired fan speed** Beep

**3**  **Power OFF** Beep

**Press the Fan speed button to change settings as follows:**

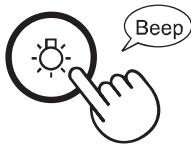


	Monitors the room condition with the "Dust, Odor and Light Control Sensor" to operate automatically.
	Keeps operation quietly at the "LOW" fan speed.
	Keeps operation at the "MEDIUM" fan speed.
	Keeps operation at the "HIGH" fan speed. (The noise becomes louder.)

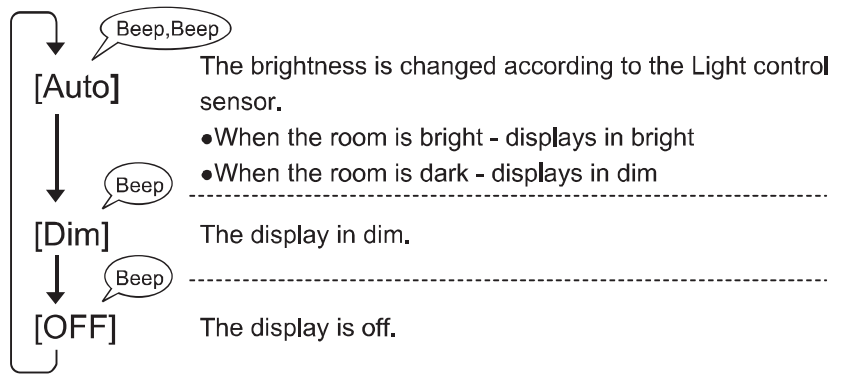
## Lights Control

**Press the button when the monitor light is too bright**

(When the main unit is ON)



Press the lights control button to change settings as follows:



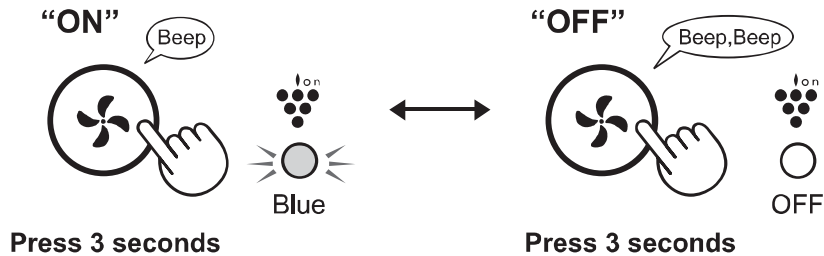
Even the Monitor Light is set at "OFF", the monitor light will operate at "Dim" if the unit is restarted.

# CONVENIENT FUNCTIONS

## Plasmacluster(ion) ON/OFF

If you want to turn ON or OFF the Plasmacluster Ion function

(When the main unit is ON)



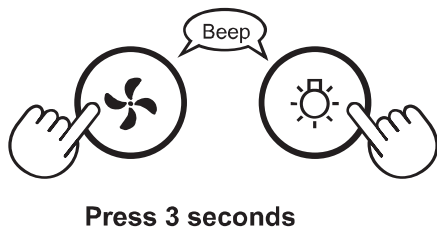
## Auto Restart

If you want the unit resume to work automatically when the power is recovered from electric power failure

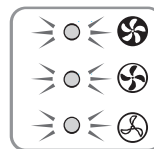
- Even if the main unit is unplugged or power failure during operation, the operation is restarted with previous operation mode when the power supplies again.
- It is not a default mode.

## Setting

(When the main unit is OFF)

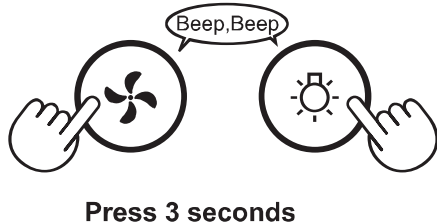


If "Low", "Med", and "High" light up, the setting is completed.  
(The lights are lighting for 10 seconds)



## Cancellation

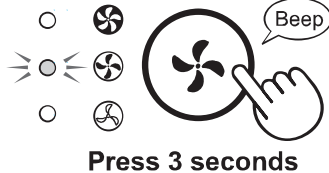
(When the main unit is OFF)



## Adjustment of Dust/Odor Sensor Detection Sensitivity

Maintain the sensor part before adjusting the sensitivity. (E-15)

### Check (When the main unit is OFF)



- Fan speed Indicator show the current sensor detection sensitivity. ("Standard" by default)

### Adjustment

While the current setting is displayed (within 8 seconds), set your favorite sensitivity of sensor

The sensitivity changes every time you press the button as shown below.



- When Clean-sig Indicator frequently becomes "Red" ... adjust it to "Low"  
When Clean-sig Indicator does not change from "Green" ... adjust it to "High"

### Completion



- If the product is not operated for 8 seconds, the adjustment is automatically completed.
- The setting of sensitivity of sensor is memorized even if power supply is interrupted.

## Adjustment of Light Control Sensor Detection Sensitivity

### Check (When the main unit is OFF)

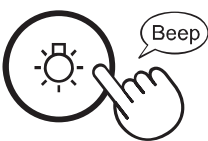


- Fan speed Indicator show the current sensor detection sensitivity. ("Standard" by default)

### Adjustment

While the current setting is displayed (within 8 seconds), set your favorite sensitivity of sensor

The sensitivity changes every time you press the button as shown below.



- When the front display is bright even if the room is dark ... adjust it to "Low"  
When the front display gets dark even if the room is bright ... adjust it to "High"

### Completion



- If the product is not operated for 8 seconds, the adjustment is automatically completed.
- The setting of sensitivity of sensor is memorized even if power supply is interrupted.

# CARE AND MAINTENANCE



## WARNING

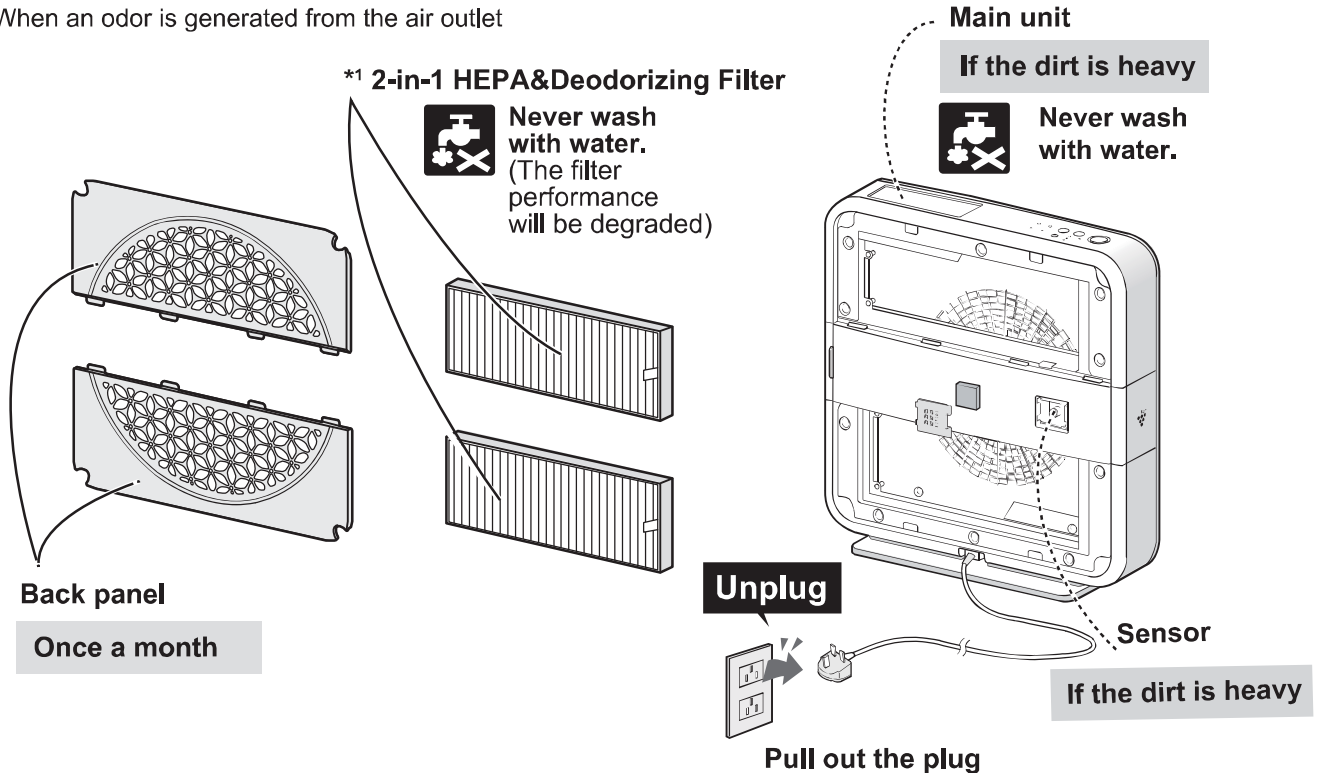
Be sure to power OFF and unplug the unit before maintenance.

[Electric shock and/or injury could result]

### Main Unit / Sensor / 2-in-1 HEPA & Deodorizing Filter / Back panel

Maintain if performance of air purifier gets worse. Frequency of maintenance depends on the environment.

\*1 When an odor is generated from the air outlet

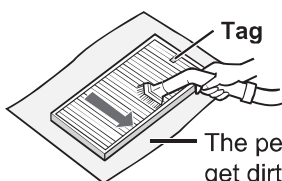


### 2-in-1 HEPA & Deodorizing Filter



Never wash the Filter with water and never expose under the sunlight.  
(The filter performance will be degraded)

Vacuum off the tagged surface softly



The periphery does not get dirty if you put a paper under the filter.

- Maintain the tagged surface only. Do not clean the opposite surface.
- Remove the dust attached to the surface of filter.
- The filter is fragile. Do not apply too much force.

Every 2 years\*2

E-17

Filter should be replaced if the air purifier performance does not recover after appropriate maintenance.

If you are using the product in an environment filled with odor such as air freshener, aromatic oil, cigarette smoke, or grilled meat, the odor is attached to the filter and odor may be generated in a few weeks to a few months.

In the environment filled with odor, it is recommended to use the product with ventilation of room.

\*2 The time for the dust collection capability is reduced by 50% of initial dust collection capability if the dust equivalent to 5 cigarettes is absorbed in a day. (referencing "standard of The Japan Electrical Manufacturers' Association (JEM1467)").

**Do not use the following items for maintenance of main unit and filter.**

(Surfaces scratch and liquid leakage could cause failure)



Thinner  
Benzine  
Alcohol



Oven cleaner  
Cleanser  
Bleach



Detergent containing citrus derived components(Limonene)



Residential and household synthetic detergent (alkaline)



Spray detergent  
Wire wool

**Main unit**



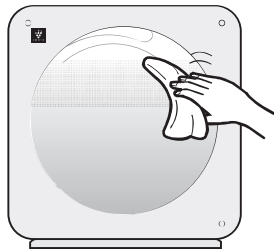
Never wash with water.



**WARNING**

Never disassemble main unit for cleaning

Wipe it off with a soft cloth

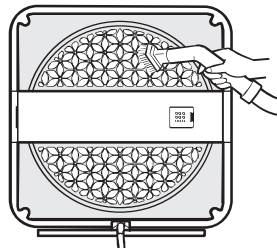


- If the dirt is heavy, wipe it off with a cloth moisturized by cold or warm water (40°C or less).

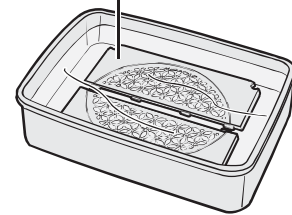
**Back panel**

If the dirt is heavy

Vacuum off the dust



Back panel



Soak for about 10 min.

Soak the panel in diluted kitchen detergent.



Rinse off detergent thoroughly by a toothbrush.



Dry the panel in the shade.

- At the maintenance, Do not apply too much force. (It may be damaged)

**Sensor**

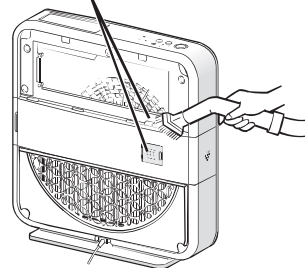
Vacuum off the dust

Remove the back panel and upper filter,

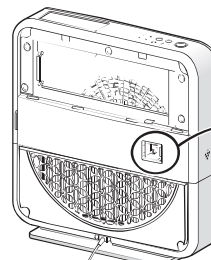
1. Vacuum off the dust at the sensor cover
2. Remove the sensor cover
3. Remove the sensor filter
4. Wash the sensor filter with water and dry it sufficiently
5. Attach the sensor filter and cover to the main unit.

Attach the the back panel and upper filter.

Sensor part



Sensor cover



Sensor filter  
(There is no difference of front and back sides)

# CARE AND MAINTENANCE

(Continued)

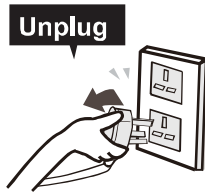
To release the high density Plasmacluster Ion stably, it is necessary to carry out the maintenance frequently.



## Plasmacluster Ion Unit

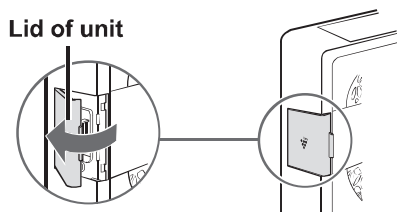
Every 6 months\* or if the unit maintenance indicator (red) turns on (\*When it was used for 24 hours a day)

1



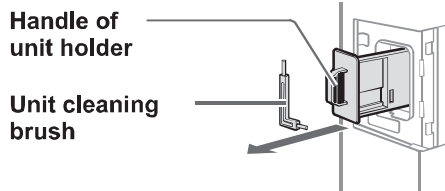
Pull out the plug

2



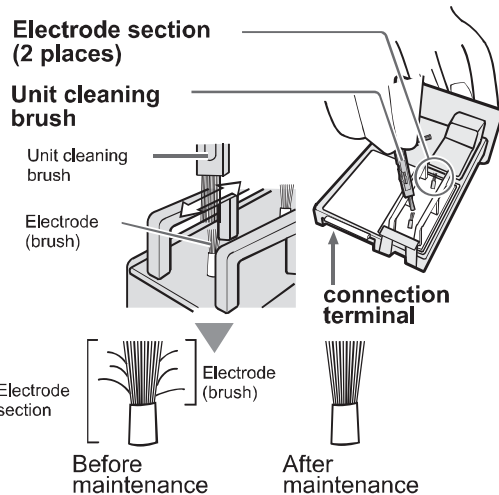
Remove the lid of unit

3



Hold the handle of the unit holder and pull it out

4



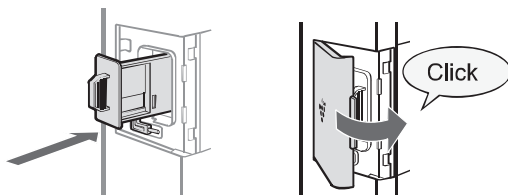
Remove the dust attached to the electrode section of unit with a cleaning brush.

### Caution

- Do not use other than the cleaning brush. (Failure could result).
- There is a case to cut bended electrode brush off by cleaning, there is no problem with performance.
- Do not touch the electrode section by fingers (Injury could result).
- Do not deform the electrode (Failure could result).
- Do not touch the connection terminal (Failure could result).

- Even if actual shape of electrode section is different from one in the illustration, it does not affect unit performance.

5



Attach the unit and the lid of unit

### Caution

- Insert the unit to the end securely. If it is not inserted sufficiently, the unit maintenance indicator will keep flashing.



# CONSUMABLE REPLACEMENT



## WARNING

Be sure to power OFF and unplug the unit before replacement.

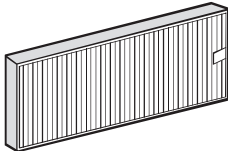
[Electric shock and/or injury could result]

### 2-in-1 HEPA & Deodorizing Filter

Every 2 years \*1

Model: FZ-PF10XS-HK (2 pieces)

Replace according to the instruction manual.



Odor may be generated from the filter in a few weeks to a few months depending on the environment and it is necessary to replace the filter with a new one.

\*1 The time for the dust collection capability is reduced by 50% of initial dust collection capability if the dust equivalent to 5 cigarettes is absorbed in a day. (referencing "standard of The Japan Electrical Manufacturers' Association (JEM1467)"). If the product suctions smoke equivalent to smoke of 10 pieces of cigarettes a day, the rough indication is approximately 1 year.

#### Caution

- When you replace the filter with a new one, line the floor with a bit of newspaper etc. not to get the periphery dirty.
- Discard the consumable parts following the trash separation method of your region. (polypropylene, polyethylene, activated carbon are included)

### Plasmacluster Ion Unit

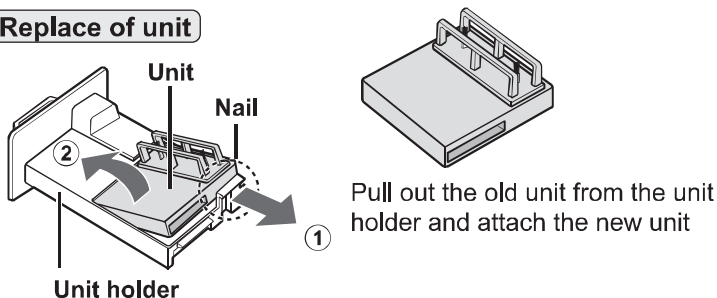
When the unit replacement light (red) flashes

Model: IZ-PF10XP-HK

#### Caution

- Discard the old unit as non-burnable garbage.

#### Replace of unit

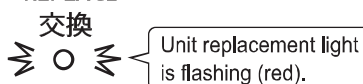


- If you mistake the attachment direction of unit, it cannot be attached to the main unit. Pay attention to the attachment direction.
- How to remove the unit from the main unit (E-16)

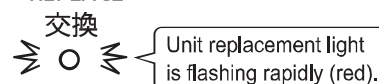
\*2 If the total operation time reaches approximately 17,500 hours (approximately 2 years if the product is operated for 24 hours a day), the unit replacement light flashes. (The unit replacement time does not change in any operation mode.)

Starting to use

Total operation time  
Approximately 17,500 hours  
Replace the unit with a new one.  
REPLACE



Total operation time  
Approximately 19,000 hours  
Generation of plasmacluster ion is stopped.  
REPLACE



(If the unit is replaced with a new one, the unit replacement light goes out.)

The Filter is a consumable item. Please pay for the replacement filter even during the warranty period.

# TROUBLESHOOTING

Check the following table before calling for service or contacting us.



Symptom	Remedy	Refer to
<b>Odor</b> <b>Odors or smoke is not removed</b>	<ul style="list-style-type: none"> <li>Filters might be left in plastic bags. ⇒ Take the filters out of plastic bags.</li> <li>Air blown from the air outlet might be not strong enough. ⇒ Remove dirt or dust from the back panel, sensor part and filters.</li> </ul>	E-10  E-14,15
<b>Air from the air outlet has an odor</b>	<ul style="list-style-type: none"> <li>Was the main unit used in a room with strong odors? If you use the product under environment filled with High odor such as cigarette smoke or grilled meat or germs is developed in the water accumulated in the Humidifying tray, odor is generated from the filter in a few weeks to a few months, at this time, please replace the filter with a new one. ⇒ It is recommended to ventilate the room regularly when the unit is on.</li> <li>Maintain filters. If odors still persist after cleaning, it is necessary to replace the filters with new ones.</li> <li>Subtle odor could be generated from the air outlet as a very small amount of ozone is generated, however, it will be harmful to your health.</li> </ul>	-  E-14,17  -
<b>Sound</b> <b>The ticking or clicking sound is heard from the air outlet.</b>	<ul style="list-style-type: none"> <li>It is the sound when Plasmacluster Ion is generated. It is not a defect. The loudness of the sound varies by the environment or operation mode. The sound may be louder or softer depending on the environment or operation mode, but the sound volume does not affect the effects.</li> <li>The plasmacluster Ion can be set to "OFF".</li> </ul>	-  E-12
<b>Brightness</b> <b>The display gets dark automatically or goes out.</b>	<ul style="list-style-type: none"> <li>While the light control set to "AUTO", the light control sensor detects the brightness of the room and changes the brightness of the display to 2 levels; "Bright" and "DIM".</li> </ul>	E-6,9, 13
<b>The brightness of the monitor is changed frequently.</b>	<ul style="list-style-type: none"> <li>If the product locate in the shadow, the light control sensor sometimes reacts to it.</li> <li>The sensitivity of the sensor can be adjusted. ⇒ Stop the operation and adjust the sensitivity of the sensor.</li> </ul>	E-6,9, 13
<b>Even if the brightness of the room is changed, the brightness of the display is not changed.</b>	<ul style="list-style-type: none"> <li>If the product is installed just under lighting equipment or at shade, the light control sensor cannot detect the brightness correctly and the operation may not be match for the brightness of the room. ⇒ Adjust the installation location.</li> <li>The sensitivity of the sensor may not be match for the condition of the room. ⇒ Stop the operation and adjust the sensitivity of the sensor.</li> </ul>	E-9  E-13

Symptom	Remedy	Refer to
<b>Indicators</b> <b>The Clean-sign Indicator does not change.</b>	<ul style="list-style-type: none"> <li>• The sensitivity of the sensor is not stabilized and the color of dust monitor may not change. After operating for a few minutes, the sensitivity of the sensor will be stable. ⇒ If the sensitivity is still bad, adjust the sensitivity.</li> <li>• The Clean-sign Indicator does not change from green, cleanliness of air is continued. The odor may not be detected easily depending on the generation point of odor. Wave a towel near the sensor or blow cigarette smoke in the product. If the color of clean monitor changes, the product is normal. If the operation is started while there is high odor in the room, the sensitivity of odor sensor may get dull. ⇒ Operate the product at Fan speed "MED" for a few hours or all day.</li> <li>• The sensitivity of the sensor may not be match for the status of the room. ⇒ Stop the operation and set the sensitivity of sensor to "High" or "Standard".</li> </ul>	<p>E-13</p> <p style="text-align: center;">-</p> <p>E-13</p>
<b>The Clean-sign Indicator does not change from red.</b>	<ul style="list-style-type: none"> <li>• Dust may cover the sensor. ⇒ Maintain the sensor.</li> </ul>	<p>E-15</p>
<b>The Clean-sign Indicator does not change to green.</b>	<ul style="list-style-type: none"> <li>• If window or door of the room is opened or the airtightness of the room is low, it may take long time to change green because external contamination enters the room.</li> </ul>	<p style="text-align: center;">-</p>
<b>The Clean-sign Indicator is changed frequently.</b>	<ul style="list-style-type: none"> <li>• Clean-sign Indicator may react to the the wind from window or rapid temperature change.</li> <li>• The sensitivity of the sensor can be adjusted. ⇒ Stop the operation and set the sensitivity of sensor to "Low" or "Standard".</li> </ul>	<p style="text-align: center;">-</p> <p>E-13</p>
<b>The Plasmacluster Ion light does not light up.</b>	<ul style="list-style-type: none"> <li>• Isn't the Plasmacluster Ion set to "OFF"? ⇒ Press the Fan speed button long for 3 seconds or more to set the Plasmacluster Ion to "ON".</li> </ul>	<p>E-12</p>
<b>The unit replacement light is flashing.</b>	<ul style="list-style-type: none"> <li>• It is the time to replace the Plasmacluster Ion generation unit with a new one.</li> </ul>	<p>E-17</p>
<b>The unit maintenance-light turns on.</b>	<ul style="list-style-type: none"> <li>• Plasmacluster Ion density is getting low. ⇒ Maintain Plasmacluster Ion generating unit.</li> </ul>	<p>E-16</p>
<b>The unit maintenance light is flashing and the product does not operate.</b>	<ul style="list-style-type: none"> <li>• Is the unit inserted properly? ⇒ Pull out the unit and insert it to the end again, and then carry out the operation again.</li> </ul>	<p>E-16</p>

# TROUBLESHOOTING (Continued)

Symptom	Remedy	Refer to
<b>PM2.5 Indicator</b> <b>When PM2.5 Indicator does not turn on.</b>	<ul style="list-style-type: none"> <li>When there is large dust in the room, however, there is less microparticles such as PM2.5.</li> <li>It takes sometimes for the indicator to change color as it requires certain density after lighting up the cigarette or incenses.</li> </ul>	E-6 E-6
<b>When does PM2.5 Indicator not turn off.</b>	<ul style="list-style-type: none"> <li>During cooking (soot or smoke due to combustion) As it is too smelly in the room, it is recommended to ventilate the room.</li> <li>A window or door is opened (PM2.5 enters the room from outside) The airtightness of the room is low (PM2.5 enters the room from gap) ⇒ As polluted air enters the room from outside, minimize ventilation or opening / closing of window and set the Fan speed to "Medium" or "High" and operate the product. (It may take time to clean PM2.5 etc.)</li> </ul>	E-6 E-6
<b>The display is different from local PM2.5 information of weather forecast etc.</b>	<ul style="list-style-type: none"> <li>The concentration of PM2.5 varies depending on the environment of outdoor, indoor, or residency.</li> </ul>	-
<b>Others</b> <b>The wind does not blow from the air outlet.</b>	<ul style="list-style-type: none"> <li>Are the back panel or filter covered with dust? ⇒ Maintain back panel or filter.</li> <li>Is the unit maintenance light flashing? ⇒ Pull out the unit and insert it to the end again, and then carry out the operation again.</li> </ul>	E-14,15 E-16
<b>Want to clean inside of front panel.</b>	<ul style="list-style-type: none"> <li>It is necessary to disassemble the unit and unable to clean by yourself. Contact a SHARP Service Center for maintenance. This may occur if operate the unit without filter or back panel, or do not maintain or replace consumables as written in this manual.</li> </ul>	-
<b>Error display</b> <b>Fan speed indicator light "Low" is flashing and the product does not operate</b> <b>Plasmacluster Ion indicator is flashing</b>	<ul style="list-style-type: none"> <li>Unplug the main unit, allow to stand for about a minute and then plug the main unit again to operate the main unit again.</li> </ul> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>If the error information shows up again, contact a SHARP Service Center for maintenance.</p> </div>	-

# SPECIFICATIONS/ ACCESSORIES

## Specifications

Model	FP-AG9-W		
Power supply	220V 50Hz		
Applicable floor area *1	~10m <sup>2</sup>		
Recommended area for Plasmacluster 25000 *2	10m <sup>2</sup>		
Fan speed	High	Middle	Low
Air flow volume (m <sup>3</sup> / h.)	90	60	30
Power consumption (W)	13	6.1	3.4
Noise level (dBA)	43	35	18
Dimensions (mm)	430 (W) x 444 (H) x 98 (D) (with stand: 152)		
Weight (kg)	Approx.4.9		
Length of power cord (m)	2		
Standby power (W)	Approx.0.9		

\*1

The Recommended Room Size is applicable when operating main unit at the "HIGH" fan speed. The value is based "The Japan Electrical Manufacturers' Association (JEMA) Standard JEM1467".

\*2

This is a room size with which approximately 25,000 ions/cm<sup>3</sup> can be measured in the air near center of the room (height from floor surface is approximately 1.2m) when the product is installed near wall and operated by setting Fan speed to "HIGH"

**Standby power** This product consumes the standby power written in specifications for operating an electronic circuit when the plug is inserted into the outlet. Please unplug when you do not use the product to promote energy conservation.

## Accessories

Accessories	model
2-in-1 HEPA Deodorizing Filter (2 pieces)	FZ-PF10XS-HK
Plasmacluster ion generating unit (1 piece)	IZ-PF10XP-HK

**SHARP**<sup>®</sup>  
SHARP CORPORATION



生產管理用

TINS-A221SRRZ 16A-①