

SHARP

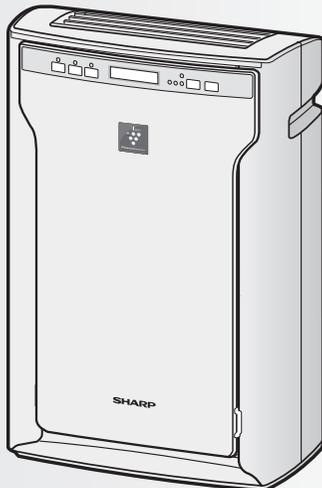
FP-A80M

AIR PURIFIER OPERATION MANUAL



HIGH-DENSITY 7000*

“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^3 , 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.

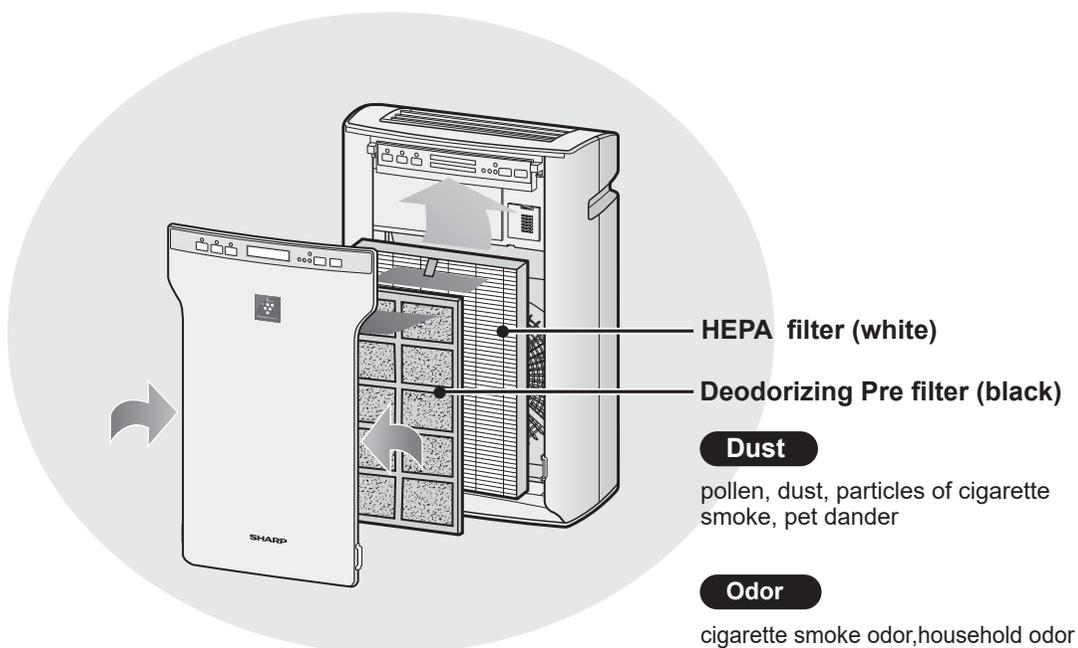
Please read before operating your new Air Purifier

Some odor ingredients absorbed by the filters may become separated and may be discharged through the air outlet and result in additional odor. Depending on the usage environment, especially when the product is used in a condition significantly more severe than household use, this odor may become strong in a shorter period than expected.

The air purifier is designed to remove air-suspended dust and odor, but not harmful gases (for example, carbon monoxide contained in cigarette smoke). If the odor sources still exist, it cannot completely remove the odor (for example, odors from construction materials and pet odors).

It is suggested to open the window a bit when you are smoking in order to facilitate ventilation.

In this case we recommend purchasing the optional replacement.



FEATURES

**Exclusive Combination of Air Treatment Technologies
Filtration System + Plasmacluster Ion**

DECREASES ODORS

Deodorizing Pre filter absorbs many common household odors.

REDUCES DUST, POLLEN, DANDER & MOLD*

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

REFRESHES

Plasmacluster refreshes the air similar to the way nature cleans the environment by emitting a balance of positive and negative ions.

*From that air is drawn through the filter system.

Room size : 62m²

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Thank you for purchasing the SHARP Air Purifier. Please read this manual carefully. Before using this product, be sure to read the section: "Important Safety Instructions."

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

For your reference, we recommend to keep this manual in the place where you can read at any time.

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 220-240 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 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. 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.

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.
- When moving the product, use the handles on both sides.
- If the product is on easily damaged flooring, an uneven surface, or thick-piled carpet, lift it up when moving.
- Do not operate the product without the filters properly installed.
- Do not wash and reuse the HEPA filter and the Deodorizing Pre 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.
- Do not scrub the Back Panel hard

during its maintenance.

INSTALLATION GUIDELINES

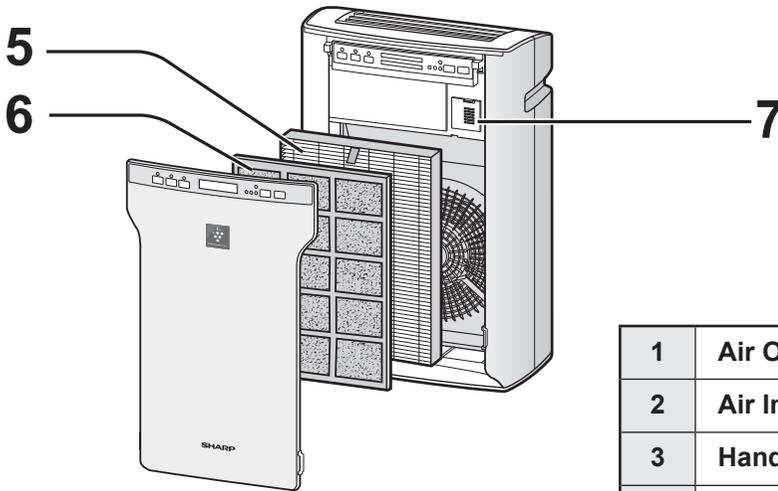
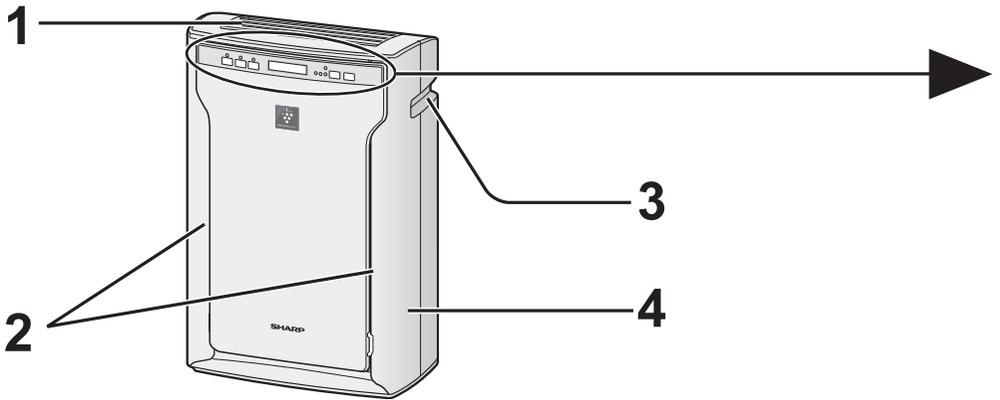
- Avoid locations where the sensors are exposed to direct wind. Doing so can cause the product to malfunction.
- Avoid locations where furniture, fabrics, or other objects can come in contact with the product and interfere with the inlet and outlet of air.
- Avoid locations where the product is exposed 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.
- 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

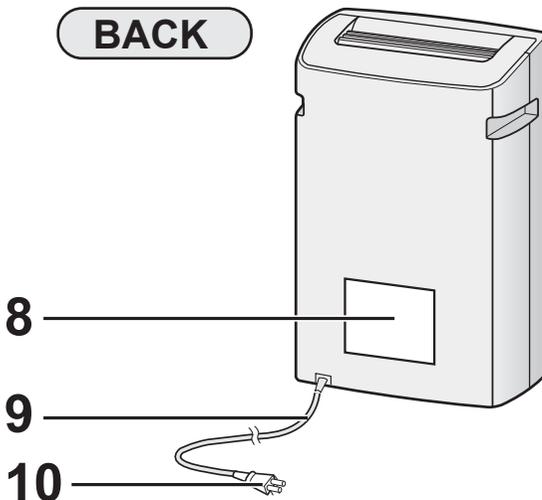
- Follow the instructions in this manual for proper filter care and maintenance.

PART NAMES

ILLUSTRATIVE DIAGRAM



BACK

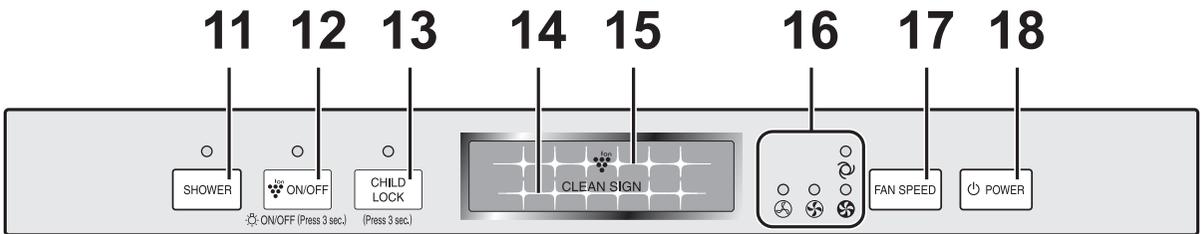


1	Air Outlet
2	Air Inlet
3	Handle
4	Main Unit
5	HEPA Filter
6	Deodorizing Pre Filter
7	Dust Sensor
8	Date Label
9	Power Cord
10	Plug

INCLUDED

- Operation manual

MAIN UNIT DISPLAY



11	SHOWER Button / SHOWER Indicator Light (green)
12	Plasmacluster ON / OFF Button / Plasmacluster ON / OFF Indicator Light (green)
13	CHILD LOCK Button / CHILD LOCK Indicator Light (green)
14	<p>CLEAN SIGN The color changes according to the air condition.</p> <p>Green — Yellow — Red Clean ←————→ Very Impure</p>
15	Plasmacluster Sign (blue)
16	FAN SPEED Indicator Light (green)
17	FAN SPEED Button
18	POWER Button

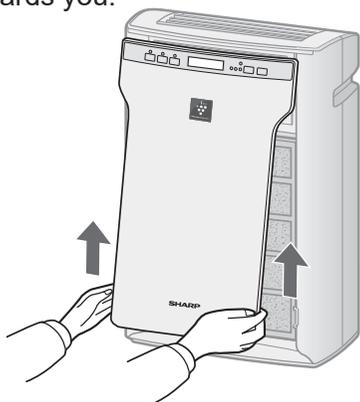
FILTER INSTALLATION

Unplug the electrical cord before performing any maintenance.

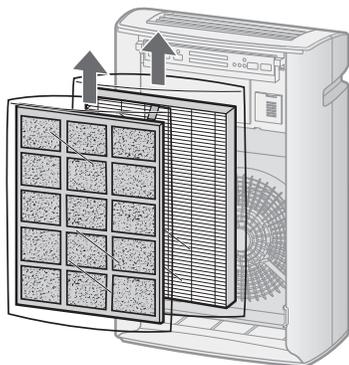
To maintain the quality of the filters, they are packed in plastic bags and installed in the main unit. Be sure to remove the filters from the plastic bags before using the unit.

1 Remove the front Panel.

Gently grip the bottom of the front panel and remove it by pulling the bottom gently towards you.

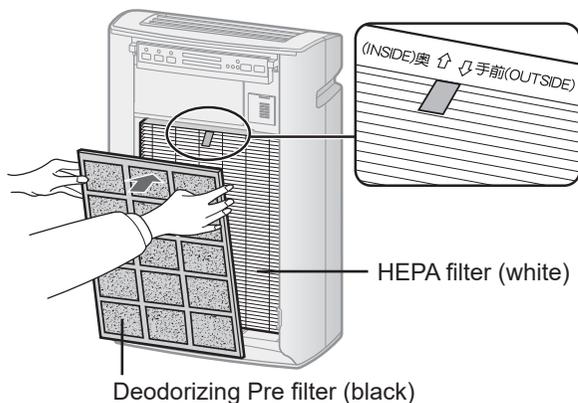


2 Remove the plastic bags.



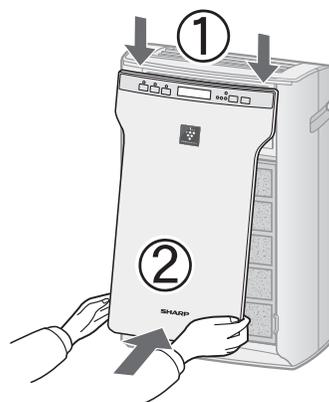
3 Place the filters accordingly.

Keep the order of filters.

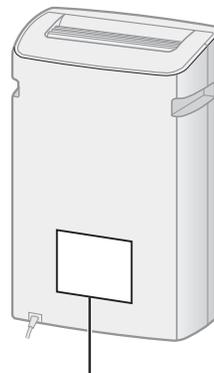


4 Fix the Front Panel.

Fix the Front Panel by hooking it into the top of the unit. Swing panel in by pushing gently until the panel snaps into place.



5 Record the date when you start or replace the filters.



Replacement Filters

Starting date of use

Model	FZ-A80SFE
HEPA Filter & Deodorizing Pre Filter	

Replace the filters when they are no longer removing odor or dust.

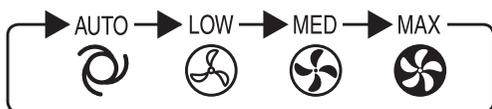
OPERATION



1 Press to start / stop.

Unless the power cord has been unplugged, the operation starts in the previous mode it was operated in.

2 Press to select fan speed.



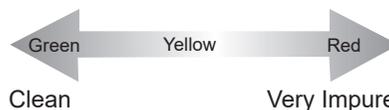
AUTO mode

*The air purifier operates the airflow speed automatically according to the interior pollution level detected by the sensor.

3 Press to turn Plasmacluster Ion Mode ON and OFF.

CLEAN SIGN

The Dust Sensor automatically monitors the dust pollution level and adjusts fan speed accordingly.



Light Control

Press for 3 seconds to select ON/OFF of the Plasmacluster SIGN and the CLEAN SIGN.

ON OFF

SHOWER Operation

Press to start SHOWER Mode.

The unit will operate at HIGH fan speed for one hour, then will return to the prior operation.

"SHOWER" mode is effective when you would like to clean quickly.

CHILD LOCK

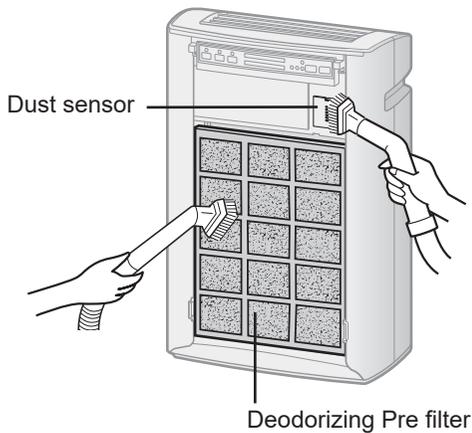
Press for 3 seconds to select CHILD LOCK.

Operation of the unit display will be locked. It is the same method as starting operation.

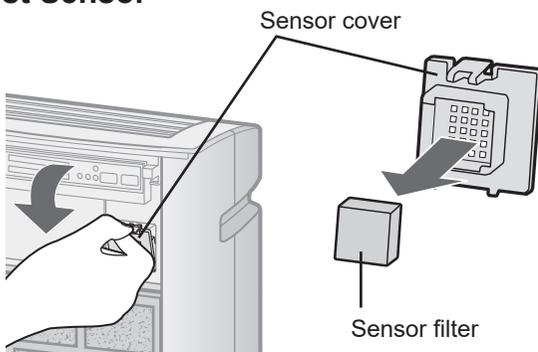
To cancel the CHILD LOCK mode, press again for 3 seconds.

CLEANING THE FILTERS

- 1 Turn off the unit, and unplug the power cord.**
- 2 Remove the Front Panel.**
(Refer to page 6)
- 3 Clean the filter and Dust sensor.**
Gently remove dust from the filter, using a vacuum cleaner with attachment or similar tool.



Dust Sensor



Remove the Sensor cover, and remove the dust on the Sensor filter.

If it is very dirty, wash it with water and dry it thoroughly.

CLEANING THE UNIT

Wipe with a dry, soft cloth.

For stubborn stains or dirt, use a soft cloth dampened with warm water.

Do not use volatile fluids and detergents.

Benzene, paint thinner, polishing powder, detergent ingredients etc., may damage the unit.

FILTER REPLACEMENT GUIDELINES

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

If dust or odor persists, replace the filter.

(Refer to “Please read before operating your new Air Purifier”)

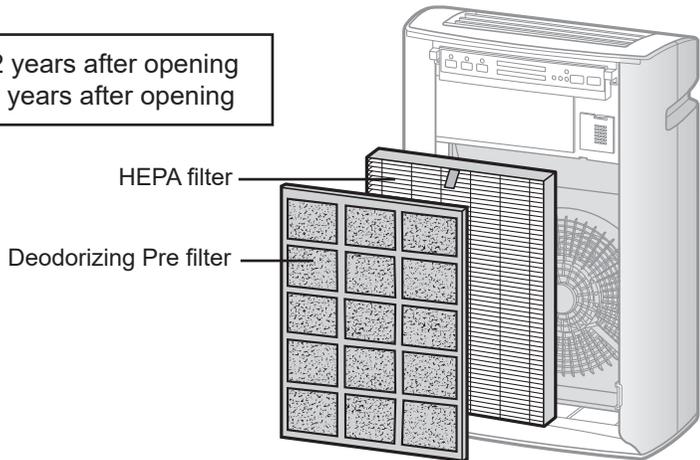
Replacement timing

- | | |
|--------------------------|-----------------------------|
| • HEPA filter | About 2 years after opening |
| • Deodorizing Pre filter | About 2 years after opening |

Replacement Filters

Model : FZ-A80SFE

- HEPA filter : 1 unit
- Deodorizing Pre filter : 1 unit



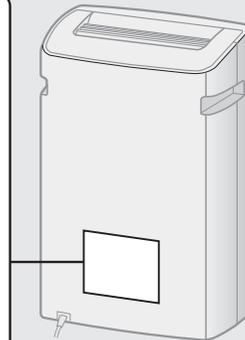
Replace the filters

(Refer to page 6)

Record the date when you replace the filters.

Replacement Filters	
Starting date of use	
Model	FZ-A80SFE
HEPA Filter & Deodorizing Pre Filter	
.	.
.	.
.	.
.	.

Replace the filters when they are no longer removing odor or dust.



Disposal of Filters

Please dispose the filters according to the local disposal laws and regulations.

HEPA filter material:

- Filter : Polypropylene
- Frame : Polyester

Deodorizing Pre filter material:

- Deodorizer : Activated charcoal
- Filter : Polyurethane foam
- Frame : Paper

TROUBLESHOOTING

Before calling for service, please review the Troubleshooting chart below, since the problem may not be a unit malfunctions.

PROBLEM	SOLUTION (not a malfunction)
The unit leaves smoke and odors in the air.	<ul style="list-style-type: none"> • Clean or replace the filters as needed. (Refer to page 9) • Is the unit installed in a location that is difficult for the sensor to detect cigarette smoke? • Are the dust sensor openings blocked or clogged? (In this case, clean the openings.) (Refer to page 8)
A clicking or ticking sound is heard from the unit.	<ul style="list-style-type: none"> • Clicking or ticking sounds may be audible when the unit is generating ions.
A bad odor comes out of the air outlet.	<ul style="list-style-type: none"> • Check to see if the filters are heavily soiled. Replace the filters. (Refer to page 9) • Plasmacluster Air Purifiers may produce a slight odor. This is normal and is a result of the Plasmacluster Ions refreshing the air.
The Clean Sign is green, but there is still odor in the air.	<ul style="list-style-type: none"> • The air could be impure at the time the unit was plugged in. Unplug the unit, wait one minute, and plug the unit in again.
The Clean Sign illuminates yellow or red, but the air seems clean.	<ul style="list-style-type: none"> • Clean the dust sensor with a vacuum cleaner, as it may be blocked or clogged. (Refer to page 8)
The Clean Sign doesn't light on.	<ul style="list-style-type: none"> • The Light Control is selected. Press  for 3 seconds to light on.
The Clean Sign lights change color frequently.	<ul style="list-style-type: none"> • The Clean Sign lights automatically change colors as impurities are detected by the dust sensor.
The unit does not turn on.	<ul style="list-style-type: none"> • The CHILD LOCK mode is selected. Press  for 3seconds.

AUTO RESTART

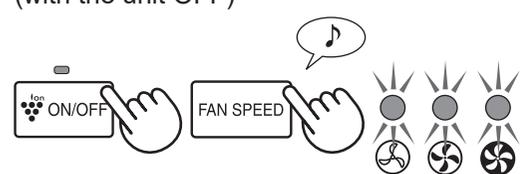
After a power failure, automatically resume the operation when the power recovers.

Auto Restart can be set.

- Even when the plug is unplugged or the breaker is thrown during the operation, the operation resumes at the previous operation mode and settings if the power recovers.

ON

(with the unit OFF)



(simultaneously for more than 3 sec.)



CANCELLATION

(with the unit OFF)



(simultaneously for more than 3 sec.)

If the , ,  lamp lights up for 10 seconds, the setting is complete.

SPECIFICATIONS

Model		FP-A80M		
Power supply		220-240 V 50-60 Hz		
Fan Speed Operation	Fan Speed Adjustment	MAX	MED	LOW
	Rated Power (W)	75	20	5
	Air flow (m ³ /hour)	480	300	120
	Noise Level (dBA) ^{*1}	53	41	23
Standby power (W)		0.75		
Recommended Room Size (m ²) ^{*2}		62		
High density Plasmacluster ion recommended room size (m ²) ^{*3}		34		
Sensor		Dust		
Filter type		HEPA ^{*4} filter / Deodorizing Pre filter		
Cord Length (m)		2.0		
Dimensions (mm)		402 (W) × 245 (D) × 620 (H)		
Weight (kg)		8.1		

*1 • Noise level is measured based on the JEM1467 standard of the Japan Electrical Manufacturers' Association.

*2 • 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).

*3 • Room size in which approximately 7000 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.

*4 • 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.

Memo

Memo

SHARP