

For Household Use Only

UltraSlim™ AIR PURIFIER

OPERATING INSTRUCTIONS

PA-MTC14

Always follow basic safety precautions when using electrical appliances. Read all instructions carefully. Please keep this instruction book handy for easy reference.



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ZOJIRUSHI CORPORATION

IMPORTANT SAFEGUARDS

WHEN USING ELECTRICAL APPLIANCES, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING THE FOLLOWING:

- 1 Read all instructions carefully.
- 2 Never attempt to disassemble, repair, or modify the product. The product may catch fire or operate abnormally, resulting in injury. If repairs are needed, contact the nearest authorized service facility or dealer.
- **3** The product must be used with outlet and wiring accessories within their ratings, and must not be powered by a power supply other than 120V AC. If the outlet and wiring ratings are exceeded, the heat generated may start a fire.
- **4** Do not immerse the product in water or splash water over it. A short circuit or electric shock may be caused.
- 5 Insert the power plug in as far as it will go. Incomplete insertion may cause a fire due to electric shock or heat generation. Do not use damaged plugs.
- **6** Do not handle the power plug with a wet hand. An electric shock may be caused.
- 7 Do not damage the power cord or power plug. (Do not damage the power cord, modify it, bring it close to any heat sources, bend it by force, twist it, pull it, put a heavy object on it, or bundle it.) Using the product with a damaged power cord or plug will result in, electric shock, short circuit, or fire. If the cord or plug needs to be repaired, contact the nearest authorized service facility or dealer.
- **8** Before maintenance, be sure to unplug the power plug. Sudden operation of the product may cause injury or electric shock.
- **9** When leaving the unit unattended for an extended period of time such as when going on vacation, leave the unit unplugged.
- **10** Do not use outdoors. This product is for household use only.

SAVE THESE INSTRUCTIONS

THIS APPLIANCE IS FOR HOUSEHOLD USE ONLY.

- 1 Do not use in places exposed to high temperature or humidity, or wet areas, such as a bathroom. Electric leakage may occur, resulting in electric shock or a fire.
- 2 Do not use in greasy or oily environments such as the kitchen. Premature clogging of the filter unit will result.
- **3** Do not use near open flame or flamable materials. It may ignite and cause a fire.
- f 4 Do not allow foreign objects such as pins or wires to enter the air intake, air outlet grille, or gaps.
- **5** Do not wipe with harsh chemicals such as benzine or thinner, or allow insecticide to come into contact with it.
- **6** When unplugging the power plug, always grasp the power plug, not the power cord. Such handling may cause a short circuit or wire breakage, resulting in a fire or electric shock. This unit is not designed for wall mounting, do not attempt to mount it on any wall, it should be placed on a firm surface.
- **7** This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to modify the plug in any way.

PRECAUTIONS

Before use:

* These WARNINGS and CAUTIONS are intended to protect you and other persons from injuries and damages.

To ensure safe operation, please follow them carefully.



WARNINGS

Indicates risk of death and serious injury.



CAUTIONS

Indicates risk of injury or property damage if mishandled.

About the symbols used:

Indicates a warning or caution. The symbol inside the triangle specifies the nature of the warning or caution. The example below indicates an electrical shock warning.

Indicates a prohibition. The symbol inside the circle specifies the nature of the prohibition. The example below indicates "Do not disassemble."

Indicates a requirement or instruction that must be followed. The symbol inside the circle specifies the nature of the requirement or instruction. The example below left indicates "unplug the unit"; the example below right indicates that the accompanying instruction must be followed.





** Please keep this Operating Instructions for future reference.

MARNINGS

■ Do not modify the Air Purifier. Only a repair technician may disassemble or repair this unit.

Attempting to do so may cause fire, electrical shock, or injury. Make any repair inquiries to ZOJIRUSHI Customer Service.



■ Be sure to unplug when cleaning the unit.

Do not plug or unplug with wet hands, or it may cause an electrical shock and injury.





■ Do not use the Air Purifier if the Power Plug or Power Cord is damaged or a plug is loosely inserted into the electrical outlet.

Doing so may cause an electrical shock, short-circuit, or start fire.



■ Do not use a power source other than 120V AC.

Use of any other power supply voltage may cause a fire or electrical shock.





■ Do not damage the Power Cord.

Do not forcefully bend, pull, twist, fold, place heavy items, sandwich it between other objects or modify it. A damaged Power Cord can cause a fire or electrical shock.



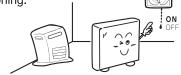
PRECAUTIONS (Cont.)

CAUTIONS

■ Be sure to ventilate the room when the Air Purifier is used with a fuel burning appliance.

Otherwise it may cause carbon monoxide poisoning.

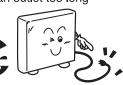




■ Unplug the Power Plug from the outlet when the Air Purifier is not in use for a long time.

Leaving the Power Plug in an outlet too long may cause the insulation to become damaged, resulting in an electrical shock. short-circuit or start







■ Be sure to hold the plug when unplugging the Power Cord.

Pulling the cord to unplug may cause an electrical shock, short-circuit and fire.



■ Do not use the Air Purifier where oil substances such as machine oil is floating.

It may cause cracks on the unit and injury by slipping out of your hands when lifted up.



Do not clean the Air Purifier with benzene and thinner or spray insecticide on it.

It may cause cracks, electrical shock or catch fire.



■ Do not put any objects such as fingers, pins or wires into the Air Intake/Exhaust Grille and gaps of the Air Purifier.

Doing so may cause an electrical shock or a breakdown of the unit.



Do not allow the Air Purifier to intake inflammables such as a lit cigarette or incense.

Doing so may start fire.

IMPORTANT

- Always keep the Power Plug clean.
- Do not use the Air Purifier in a humid place such as in a bathroom.

It may cause an electrical shock and breakdown.

■ Do not cover the Air Intake/Exhaust Grille with a curtain or towel.

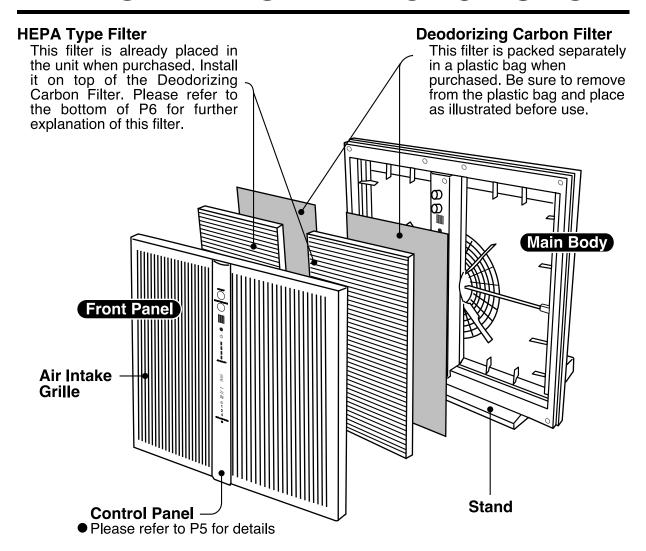
- Do not use the Air Purifier while using a fumigation type of insecticide in the room.
- Be sure to ventilate the room thoroughly when operating the Air Purifier after the use of an insecticide.

Otherwise the elements of insecticide may remain inside the unit which may cause health hazards, when released by starting operation.

- As the Air Purifier is not a ventilation fan, it is important to ventilate occasionally. The Air Purifier cleans air in the room removing odors and dust, but does not ventilate.
- The Air Purifier is not designed to remove harmful elements of tobacco smoke or carbon monoxide.
- Do not use the Air Purifier near a radio, TV, wireless transceiver or intercom. Doing so may cause interference on them. Use the Air Purifier out of the influenceable area from those appliances.

* The illustration used in this Operating Instructions may vary from the actual product you have purchased.

PARTS NAMES AND FUNCTIONS



THE FEATURES OF THE ODOR SENSOR					
	Detects	Sometimes detects	Does not detect		
Odor Sensor	 Tobacco smoke, incense and other odors Cosmetics, alcohol, sprays and other odors 	 Wind and sudden temperature 	House dust (dust, pollen and mold spores)		

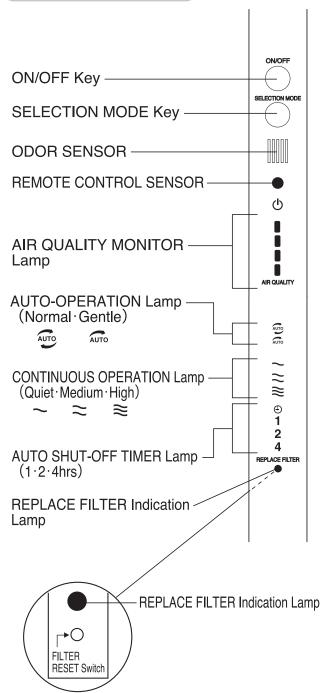
^{*} Do not drop water on the Odor Sensor. It may cause a breakdown. (Please refer to P11 for cleaning)

ACCESSORIES

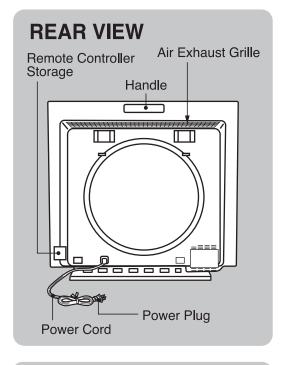
- Remote Controller (1)
- Batteries for Remote Controller (AAAx2)
- HEPA type filter (Two pieces are set inside of the unit when purchased)
- Deodorizing (Activated Carbon) Filter (Two pieces are packed separately in a plastic bag when purchased)

PARTS NAMES AND FUNCTIONS (Cont.)

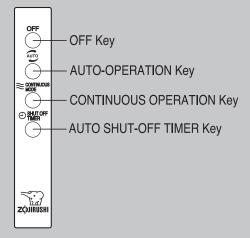
CONTROL PANEL



Located on the Main Body, underneath the Control Panel



CONTROL PANEL OF THE REMOTE CONTROLLER



- Point the Remote Controller to the "Remote Control SENSOR". If the Remote Controller is pointed away from the Remote Control Sensor during operations, the operation will stop. If this happens, point the remote controller at the Remote Control Sensor and press the button again.
- After some time of use, when the Main Body does not respond to the Remote Controller, check and change the batteries.

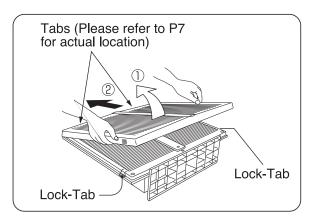
BEFORE USE

Deodorizing Carbon Filter is packed separately in a plastic bag when purchased. Be sure to remove from the plastic bag and place in the Main Body. Do not damage the white bag (nonwoven fabric) of the filter. Sometimes you may find some black particles inside the plastic bag which is activated charcoal, and is not a problem.

- **X** Be sure to unplug when installing the Deodorizing Carbon Filter in the Main Body.
- **X** Lay the Air Purifier on the floor to install the filter.

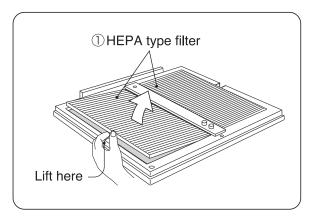
Remove the Front Panel.

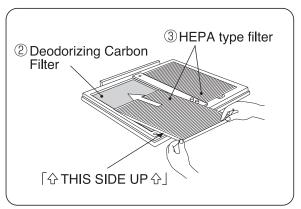
- ① Lift up the Front Panel while depressing the Lock-Tabs located on both sides of the main body.
- ② Pull the Front Panel toward you to release the 2 Tabs located at the upper part of the Front Panel.



7 Install the filters.

- ① Remove two HEPA type filters from the Main Body.
- ② Take out two Deodorizing Carbon Filters from the plastic bag and place in the Main Body.
 - Place one Deodorizing Carbon Filter each on the right and left side. (The performance of the Deodorizing Carbon Filter will not be affected by the direction of installation, as there is no front or back side of the filter)
 - It will not work appropriately if the filters are installed without removing the plastic bag. It will also make a large noise. Be sure to remove the plastic bag before use.
- ③ Re-install HEPA type filters on top of the Deodorizing Carbon Filters.
 - Re-install one filter each on the right and left side.
 - Re-install the HEPA type filter following the indications printed on the filter frame.
 - Please be sure to install the correct side of the filter, otherwise the desired performance may not be achieved.





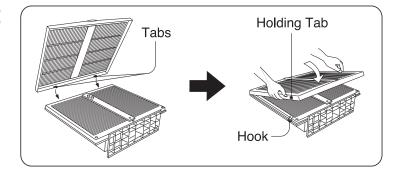
BEFORE USE (Cont.)

3 Affix the Filter replacement reminder label at a noticeable location.

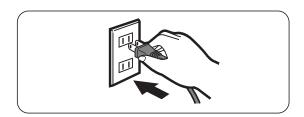
The Filter replacement reminder label is enclosed with the "How to change a filter" instructions of the Deodorizing Carbon Filter. Please fill in the date of the initial operation and use it as a guidance for changing to the new filters.

A Replace the Front Panel.

Fit the 2 Tabs located at the upper part of the Front Panel, then close until it snaps in place.

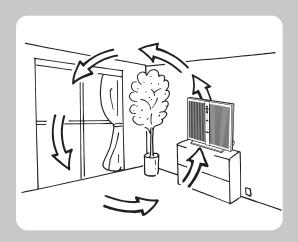


Return the Air Purifier to upright position and plug the Power Plug into an electrical outlet.



LOCATION FOR USE

- The Deodorizing Carbon Filter is designed to absorb tobacco odors. As deodorant fragrances may reduce the effective life of the filter, ventilate well before operating the Air Purifier.
- For effective operation, please choose a location that has a good air circulation and that no obstructions are in front and over the upper side of the Air Purifier.
- Place the Air Purifier more than 20cm away from walls, otherwise the walls may become visibly soil.
- Please do not mount the Air Purifier on walls. It is dangerous as it may fall down and cause an accident.

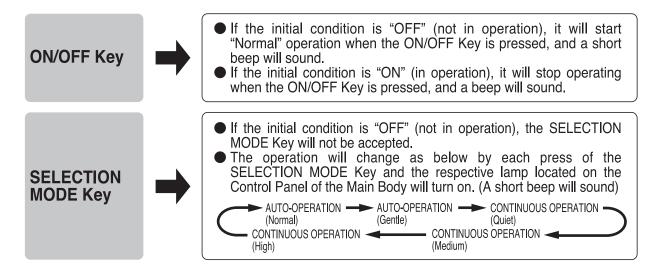


- Do not use the Air Purifier as a fan or a range hood in the kitchen. It may shorten the life of filters considerably or may cause its deformation.
- Use the Air Purifier on a flat and stable place. If the unit is used on a unstable surface, it may vibrate slightly.

HOW TO USE

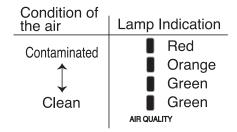
Plug the Power Plug to an electrical outlet. The Air Purifier is at "OFF" condition, but is ready to receive a transmission from the Remote Controller.

OPERATION BY THE MAIN BODY



[AIR QUALITY (ODOR) MONITOR]

- When operation starts, the ODOR SENSOR will activate to check the air condition of the room. For about 30 seconds, the AIR QUALITY MONITOR Lamp will turn on one by one, which is a normal symptom.
- Then the Lamp will turn on at the level of the checked air condition of the room.



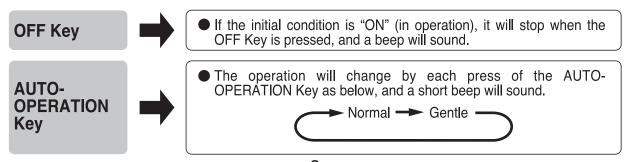
FREPLACE FILTER Indication Lamp

■ This lamp will tell you that it is time to change the filters (HEPA type filter and Deodorizing Carbon Filter). Please refer to P12 for details.

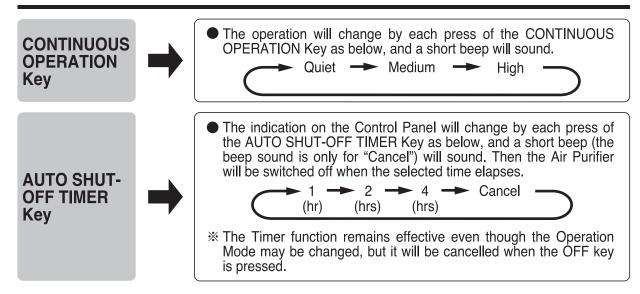
[FILTER RESET Switch]

● Be sure to press this switch when filters are changed. Then the Air Purifier starts counting the remaining filter life till the next indication for filter replacement. Please refer to P12 for details.

OPERATION BY THE REMOTE CONTROLLER



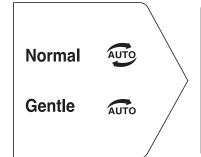
HOW TO USE (Cont.)



HOW TO USE (AUTO-OPERATION CONTINUOUS OPERATION)

● Please choose the operation mode as you wish. The followings are the explanation for the characteristics of each mode for your reference.

AUTO-OPERATION



The ODOR SENSOR will analyze the air condition of the room and automatically start an optimum operation mode.

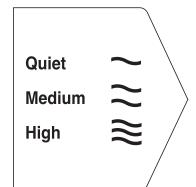
Normal

The sensor will automatically select an operation mode from "High, Medium, Quiet and Pause" for effective operation.

Gentle

The sensor will automatically select an operation mode from "Quiet or Pause" for gentle operation.

CONTINUOUS OPERATION



The Air Purifier will continuously operate the selected mode regardless of the air condition of the room.

Quiet

Ideal selection for rooms where babies sleep, or for a study.

Medium

Recommended for normal use.

High

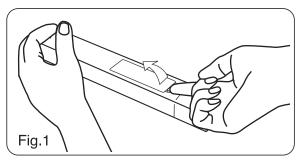
When smoking cigarettes, or cleaning the room.

The Air Purifier will automatically switch off for the safety reason if no operative instructions are made for more than 36 hours from starting of the CONTINUOUS OPERATION.

HOW TO REPLACE THE BATTERIES OF THE REMOTE CONTROLLER

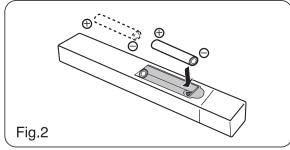
7 Open the battery cover at the back of Remote Controller.

Remove the battery cover by pushing the hook in the direction shown in Fig.1.

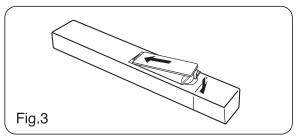


? Insert two AAA batteries.

Insert the batteries in the proper + and - direction, following the marks in the battery compartment.



3 Set back the battery cover and press it down until it snaps in firmly.



NOTE

- Do not use rechargeable (Ni-Cd) batteries as its size, shape and performance may be different.
- Do not use old and new batteries together or different type of batteries such as alkaline and manganese batteries.
- Do not short-circuit, disassemble, heat up the batteries or dispose in flames. It may cause heat generation, leakage or explosion and may result in electrical shock and fire.
- The Remote Control may not function properly in a room that has a room light with electronic related switch-on system. If this happens, try to use the controller away from the room light or adjust to use it from a different angle.
- Do not expose the controller to direct sunlight or high temperature. It may cause a malfunction of the controller, deformation or discoloration.
- Remove the batteries when not using the controller for a long time to avoid battery leakage and damages.
- Do not give shock to the controller or get it wet. It may cause a breakdown, electrical shock and deformation.
- The batteries included with the Air Purifier may wear out in a short period of time depending on the storage condition. Please replace them with new batteries early.
- Replace the batteries with new ones approximately once a year, though this would depend on the frequency of use of the Remote Control.

CLEANING AND MAINTENANCE

- Be sure to unplug before cleaning the Air Purifier, otherwise it may start operation unexpectedly and may cause injury and electrical shock.
- Lay the Air Purifier on the floor before cleaning.

Main Body

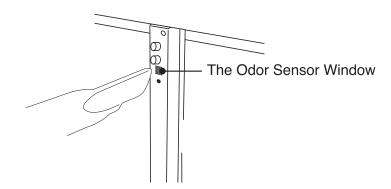
- Remove the Front Panel, HEPA type filter and Deodorizing Carbon Filter. (Please refer to P6 for how to remove the Filters)
- 2 Soak a soft cloth in a kitchen detergent and wring it lightly. Clean the Main Body with it then finish wiping with a dry cloth.
- Return the filters and panel to the original position. (Please refer to P6-7 for how to restore the Filters)

Front Panel

- Remove the Front Panel.
 (Please refer to P6 for how to remove the Front Panel)
- $2\,$ Vacuum clean dusts gathered around the Air Intake Grille using a vacuum cleaner.
- 3 If cleaning by a vacuum cleaner is not enough, soak a soft cloth in a kitchen detergent and wring it lightly. Clean the Front Panel with it then finish wiping with a dry cloth.
- A Replace the Front Panel to the original position. (Please refer to P6-7 for how to Replace the Front Panel)

Odor Sensor

Vacuum clean dusts gathered around the Odor Sensor Window using a vacuum cleaner.



- Do not splash water over the Air Purifier or immerse the whole body in water. It may cause a breakdown.
- Do not clean the Air Purifier with thinner, benzene, alcohol, alkaline detergent, scrubbing brush, and abrasive cleansers. It may cause deterioration, discoloration and damage.
- When using a chemically treated cloth, follow the instructions.

FILTER REPLACEMENT (It is recommended to replace them every 2 years)

When to replace filters:

- The REPLACE FILTER Indication Lamp will light up when it is time to replace the filters.
- HEPA type filters and Deodorizing Carbon Filters will last for about 2 years although it depends on the location of the use.
- Please replace filters at an earlier stage if you feel the efficiency of cleaning air and deodorization is not sufficient or the operation sound becomes noisy.
- Please replace filters prior to the lighting of REPLACE FILTER Indication Lamp when one of the following incidents happen as they may shorten the life of filters considerably:
 - When the Air Purifier absorbs soot or such kind of substances generated by heating appliances.
 - When the Air Purifier absorbs smoke or odor containing oil or such kind of substances during cooking.
 - When the Air Purifier absorbs a volatile solvent contained in a waxing for floor or in an aromatic.
 - Installation in stores such as a coffee shop, barber shop and a beauty salon or in an office.
 - Frequently using the Air Purifier by Continuous Operation mode for long hours.
- * Filters (HEPA type filters and Deodorizing Carbon Filters) are not recyclable even if you wash them.
- Only use the replacement filter set No. PA-FMC02 when replacing with new filters. (Please refer to P14)
- Please replace both HEPA type filters and Deodorizing Carbon Filters at the same time when replacing.
- Please regularly check the surface of the HEPA type filter. If its color becomes similar to the Sample Color Label affixed inside of the Main Body as illustrated, it is time to replace the Filter.

Sample color label for replacing filters The inner side of the Main Body

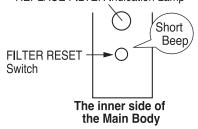
How to replace the filters:

NOTE

Be sure to unplug before replacing the filters as the fan can rotate even after removing the Front Panel. It may cause injury.

- 1 Unplug the Power Plug.
- Replace the HEPA type filter and Deodorizing Carbon Filter referring to "BEFORE USE" section of P6-7.
- Please fill in the date of the initial operation in the Filter replacement reminder label and affix it at a noticeable location. The Filter replacement reminder label is enclosed with the "How to change a filter" instructions of the Deodorizing Carbon Filter.
- Please clean the Main Body and Front Panel when changing the filters. (Please refer to P11)
- Plug the Power Cord, press the ON/OFF key, then press the FILTER RESET Switch with a sharp pointed tool such as a toothpick. It will make a short beep and the REPLACE FILTER Indication Lamp will switch off.

REPLACE FILTER Indication Lamp



5 Please refer to P7, 4-5 for replacing to the original position.

TROUBLE SHOOTING GUIDE

If the Air Purifier fails to operate, please check the following points before calling for service.

Symptom

Cause / Points to check

The Air Purifier will not turn on.



- Is the Air Purifier plugged into an electrical outlet?
- Did you press the ON/OFF key?

The Remote Controller does not function.



- Do the batteries have enough power?
 - → Replace them with new batteries if necessary. (Please refer to P10)
- ◆ Are the batteries inserted in the proper + and direction?
- Isn't the REMOTE CONTROL SENSOR Window clogged by dust?

Air coming out from the Air Exhaust grille is weak and the Air Purifier is noisy.



- Isn't the Deodorizing Carbon Filter installed, still packed inside of a plastic bag?
- Isn't the Deodorizing Carbon Filter placed on top of the HEPA type filter? (Please refer to P6)

The Air Purifier is not deodorizing, cleaning the air efficiently or is noisy.



- The filters may be clogged and dirty.
- → Replace them with the filters if necessary. When replacing filters, be sure to change both HEPA type filters and Deodorizing Carbon Filters at the same time. (Please refer to P12)
- Isn't the Air Intake Grille of the Front Panel clogged?
 → Clean it with a vacuum cleaner. (Please refer to P11)
- Was the Deodorizing Carbon Filter installed?
- Did the Air Purifier absorb a smoke containing oil or such kind of substances during cooking?
 - → The filters may be clogged and dirty. Replace them with new filters if necessary.
- Did the Air Purifier absorb a volatile solvent contained in a waxing for floor or in an aromatic?
 - → The filters may be clogged and dirty. Replace them with new filters if necessary.

The Air Purifier does not respond and start operation even though the room air is contaminated with smoke and pollen.



- Isn't the Air Purifier located where the airflow of smoke does not reach?
 - → Change the location of the Air Purifier.
- Isn't the mode of operation set at other than AUTO-OPERATION?
 - → Change to AUTO-OPERATION mode.
- Isn't the ODOR SENSOR clogged?
 - → Clean it with a Vacuum Cleaner. (Please refer to P11)

TROUBLE SHOOTING GUIDE

The Air Purifier does not respond to smoke at the start of operation.



● The Air Purifier will operate at a certain speed for about 30 seconds until the sensor stabilizes.

The Air Purifier vibrates too much.



- Isn't the Air Purifier used on a unstable surface?
 → Use it on a stable and flat place.
- If none of the above applies, please contact ZOJIRUSHI Customer Service at the following or visit our website at www.zojirushi.com

ZOJIRUSHI AMERICA CORPORATION

TEL: 800-733-6270 www.zojirushi.com

IMPORTANT

After some time of use, for about 3 years, the Power Cord may be damaged and the Air Purifier may get clogged with dust. Operation under such conditions may cause an accident and breakdown, please check the Air Purifier occasionally for safer and a longer period of use.

REPLACEMENTS

For ordering replacement filters, please use the enclosed order form and mail to ZOJIRUSHI AMERICA CORPORATION.

Replacement Filter Set No. PA-FMC02

The life of filters are about 2 years, depending on usage.

As of JUL, 2003

SPECIFICATIONS

Rating		120V AC 60Hz			
Fan Operation Fan Setting	Fan speed	High	Medium	Quiet	
	Consumption (W)	55	33	20	
	Air Volume (m³/min)	3.1	1.7	0.5	
Applicable Room Size		146sqft			
Length of the Power Cord		2.7m(9feet)			
Overall dimensions(inch)		19.7x5.1x18.1 (WxDxH)			
Weight		approx. 5.1kg (11.3Lbs)			

■ The Air Purifier will consume approx. 0.9W when ON/OFF key is ON even though it is not in operation.

AHAM Certification Program

CERTIFIED RATING

CLEAN AIR DELIVERY RATE				
Dust	94			
Tobacco Smoke	94			
Pollen	107			

AHAM (Association of Home Appliance Manufacturers)

