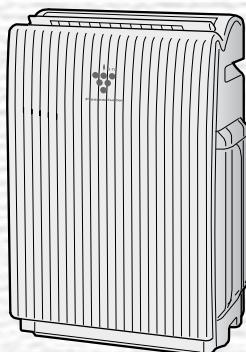
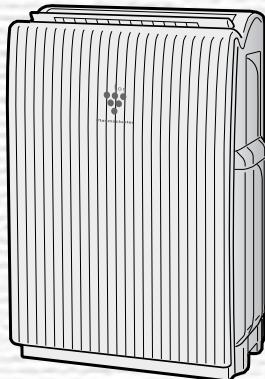


SHARP®



KC-6400E



KC-6500E

Free standing type

MODEL

KC-6400E
KC-6500E

AIR PURIFIER
OPERATION MANUAL

ENGLISH

*Plasmacluster is a trademark of Sharp Corporation.

Please read before operating your new Air Purifier

The air purifier draws in room air from its air intake, lets the air pass through a Active Carbon Filter (deodorization filter) and a HEPA Filter (dust collection filter) inside of the unit, then discharges the air from its air outlet. The air purifier unit repeats this process by moving its internal fan.

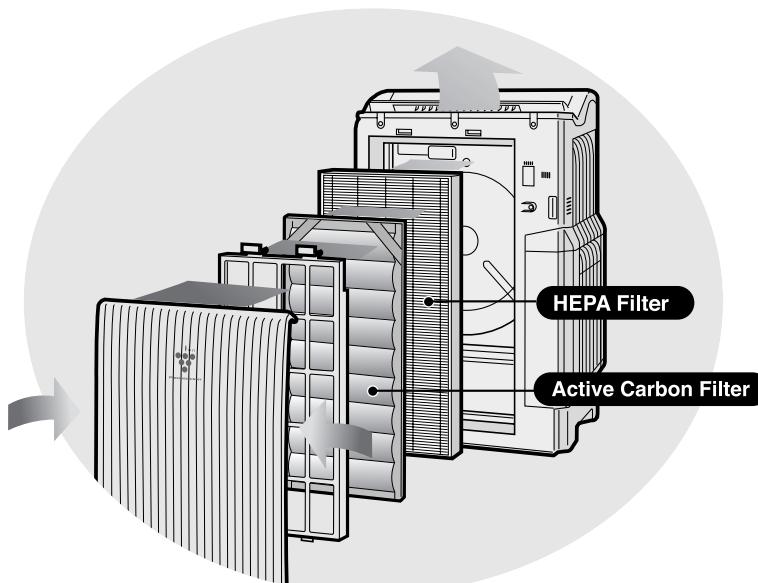
As air passes through, a new HEPA Filter can remove 99.97% of dust particles, of as small as 0.3 microns. The Active Carbon Filter gradually absorbs odour elements as they repeatedly pass through the filter. (Odour elements are absorbed by HEPA Filter as well.)

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

If the odour persists, then the filters are fully expended and it is necessary to purchase the optional replacement filter.

NOTE

- The air purifier is designed to remove air-suspended dust and odour, but not harmful gases (for example, carbon monoxide contained in cigarette smoke). If the odour sources still exist, it cannot completely remove the odour. (for example, odours from construction materials and pet odours).
- It is suggested to open the window a bit when you are smoking in order to facilitate ventilation.



(Common illustration has used "KC-6500E")

FEATURES

New Air Purifier with "Humidifying" ability beyond the "Two-in-one" effect

"Synergy" of humidification and Plasmacluster ion realize the more powerful deodorization and eliminating of airborne dust, mold, or microbes.

1. Simultaneously generating the Plasmacluster ions and vaporized mist realize the longer life of ions and higher performance of purification.
(Not available to get this effect from separate Humidifier and Air Purifier.)
2. Powerfully decompose and remove the airborne microbes or house dust.
3. Effectively eliminating of static electricity which tend to be caused in a dry environment.
4. Powerful deodorizing - not only the airborne odour but the adherent one which is inside of the fabric of clothes.
5. Provide the appropriate humidity in the room, and controls the activity of viruses in the dry room.
6. Usual air purifying operation is available by selecting humidify off mode.

Powerful Humidifying Ion Shower Operation

Enhanced Ion Shower operation with humidification releases concentrated Plasmacluster ions by repeating its airflow cycles between strong and gentle, effectively removes the airborne dust, pollen, mold, and allergen.

Dual Filtering System

1) Washable Active Carbon Filter

Collect the large dust particles at the surface, and absorbs odour elements. Washable to maintain optimum deodorization performance.

2) HEPA (High Efficiency Particulate Air) Filter with Microbial control.

High efficiency filter can remove the dust particles as small as 0.3 microns.

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Thank you for purchasing the SHARP Air Purifier. Please read this manual carefully for the correct usage information. Before using this product, be sure to read the section: "Important Safety Instructions." After reading this manual, retain it in a convenient location for future reference.

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic safety precautions should be followed, including the following:

WARNING - To reduce the risk of electrical shock, fire or injury to persons:

- Read all instructions before using the unit.
- Use only a 220-240 volt outlet.
- **Do not use the unit if the power cord or plug is damaged or the connection to the wall outlet is loosened.**
- Periodically remove dust from the power plug.
- **Do not insert fingers or foreign objects into the intake or air outlet.**
- **When removing the power plug, always hold the plug and never pull the cord.**
Electrical shock and/or fire from short circuit may occur as a result.
- **Do not remove the power plug when your hands are wet.**
- **Do not use this unit near gas appliances or fireplaces.**
- **When pouring the water into the Tank, when cleaning the unit and when not using the unit, be sure to unplug the power cord.**
Electrical shock from bad insulation and/or fire from short circuit may occur as a result.
- **If the power cord is damaged, it must be replaced by the manufacturer, its service agent, Sharp authorized Service Centre or similarly qualified person in order to avoid a hazard.**
- Do not operate when using aerosol insecticides or in rooms where there is oily residue, incense, sparks from lit cigarettes, chemical fumes in the air or in very high humidity condition, such as a bathroom.
- Be cautious when cleaning the unit. Strong corrosive cleansers may damage the exterior.
- Only Sharp Authorized Service Centre should service this air purifier. Contact the nearest Service Centre for any problems, adjustments, or repairs.
- When carrying the Main Unit, please remove the Tank and MIST Tray and hold the Handles on both sides.
- Do not drink in jest the water in the MIST Tray or Tank.
It may cause illness.
- Change the Tank water every day with fresh tap water.
Keep inside the Tank clean. (See Tank maintenance E-10)
Leaving water in the Tank will result in mold, bacteria, and bad odours.
In rare cases, this bacteria cause harmful physical effects.
- When not in use, dispose the water in the Tank and MIST Tray.
Leaving water in the Tank and MIST Tray will cause mold and bacteria.

NOTE - Radio or TV Intference

If this air purifier should cause interference to radio or television reception, try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation distance between the unit and radio/TV receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTIONS CONCERNING OPERATION

- Do not block the intake and air outlet.
- Do not use the unit near or on hot objects, such as stoves or heaters or where it may come into contact with steam.
- Do not lay the unit down when using.
- **Always hold the handle on the back of the unit when moving it.**
Holding the front panel when carrying may cause it to detach, thus dropping the unit and resulting in bodily injury.
- **Do not operate the unit without the filter.**
- **Do not wash and reuse HEPA filter.**
Not only does it not improve filter performance, it may cause electric shock or malfunction.
- **Clean the exterior with a soft cloth only.**
The unit surface may be damaged or cracked.
In addition, the sensors may malfunction as a result.
- **The frequency of maintenance (descaling) will depend on the hardness or the impurities of the water that you use; the harder the water the more often descaling will be necessary.**

INSTALLATION GUIDELINES

- During the operation of the product, please place the unit at least 2m away from equipments which involve electric wave such as televisions, radios or wave clocks, in case electrical interference occurs to such equipments.
- **Avoid a location where the sensor is exposed to direct wind.**
The unit may not operate properly.
- **Avoid locations where curtains, etc., come into contact with the intake or air outlet.**
Curtains, etc., may become dirty or a malfunction may occur.
- **Avoid locations where the unit is exposed to condensation, due to drastic temperature changes.**
(Use under appropriate conditions between 5 and 35°C in the room.)
- **Place on a stable surface with sufficient air circulation.**
When placing the unit on a heavily carpeted area, it may cause the unit to vibrate slightly.
When placing the unit on an uneven surface, the water may leak from the Tank.
- **Do not install when there is generation of lampblack, such as in a kitchen, etc.**
The unit surface may crack or the sensor may malfunction as a result.
- **Leave about 60cm of space from the ceiling and wall.**
The wall behind the air outlet may become dirty as time passes. When using the unit for extended period of time in the same location, use a vinyl sheet, etc., to prevent the wall from becoming dirty. In addition, periodically clean the wall.

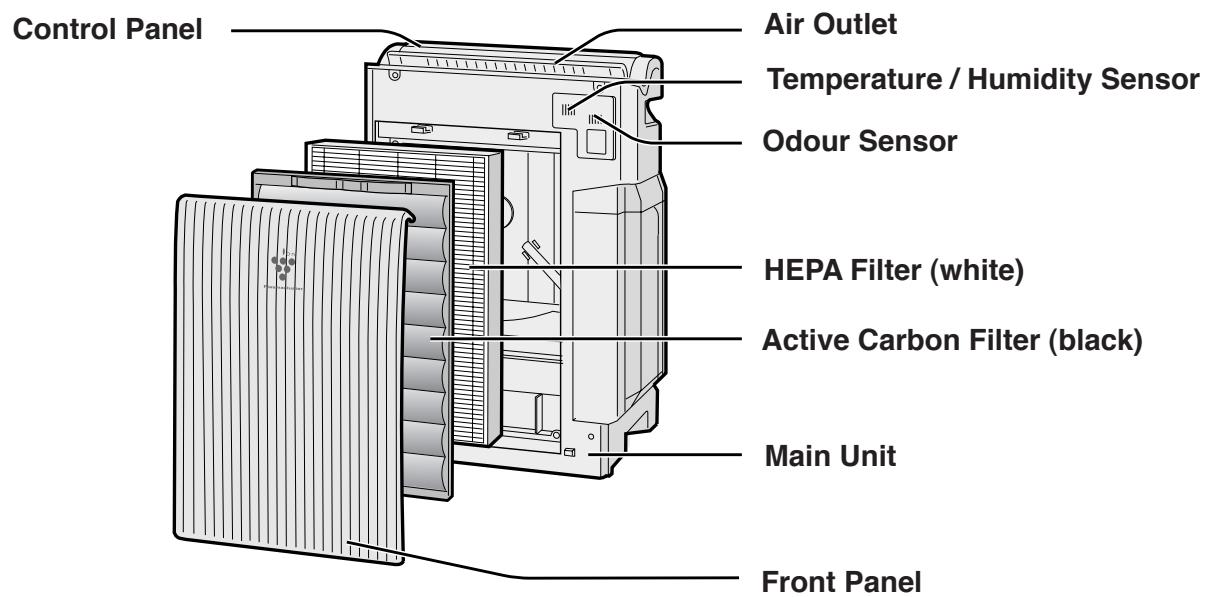
FILTER GUIDELINES

- Follow the instructions in this manual for correct care and maintenance of the filters.

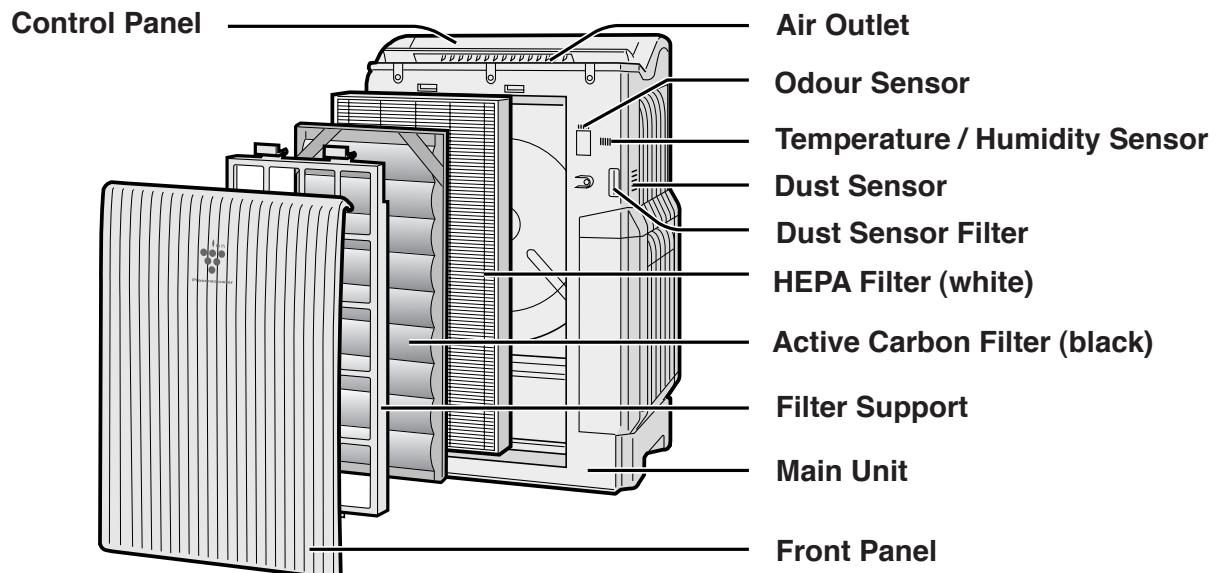
PART NAMES

ILLUSTRATIVE DIAGRAM

(KC-6400E)

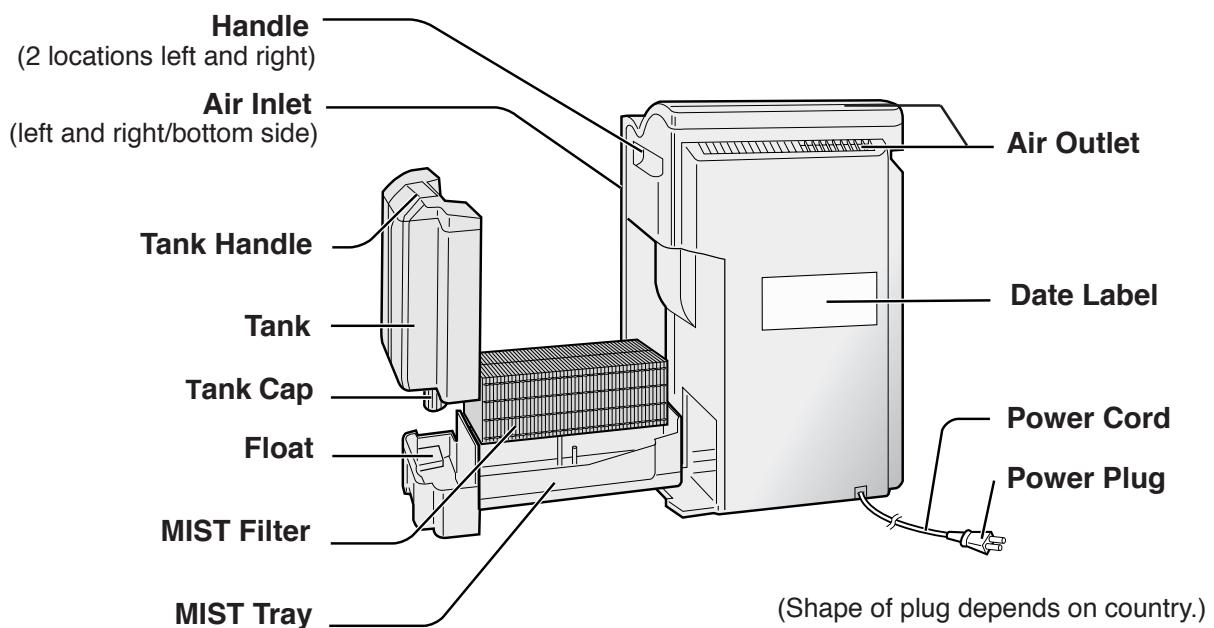


(KC-6500E)

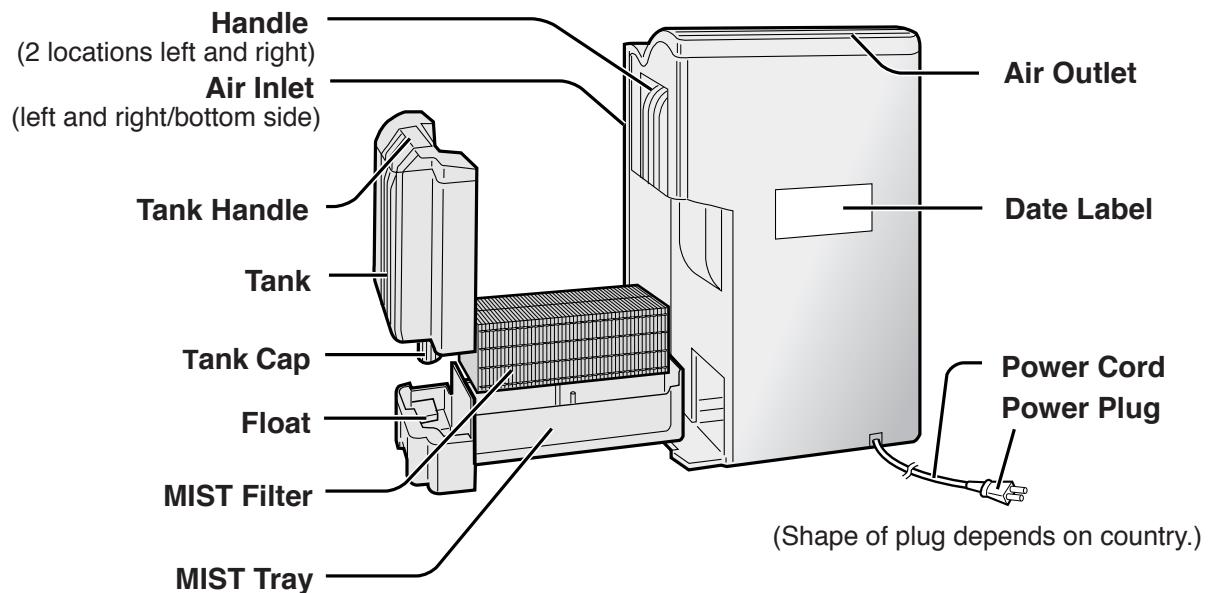


BACK

(KC-6400E)



(KC-6500E)



INCLUDED

• Operation manual

PART NAMES

MAIN UNIT DISPLAY

Plasmacluster ON/OFF Indicator Light (green)

Plasmacluster ON/OFF Button

Plasmacluster Indicator Light

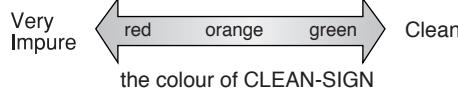
The colour changes depending on the operating mode.

Colour	Mode
Cycle of light and shade	Ion SHOWER
blue	Plasmacluster ON
Light off	Plasmacluster OFF

CLEAN-SIGN Light

The colour changes according to the air condition.

Air of room



DETERMINING THE BASE IMPURITY RATE

For the first 30 seconds after the power plug is inserted into the wall outlet, the unit will check the conditions of the air. If operation is set to ON during this time, the CLEAN-SIGN LIGHT will alternately flash in green, orange and red.

Clean Air Mode

Mode Selection Button

Operation Indicator Light(green)

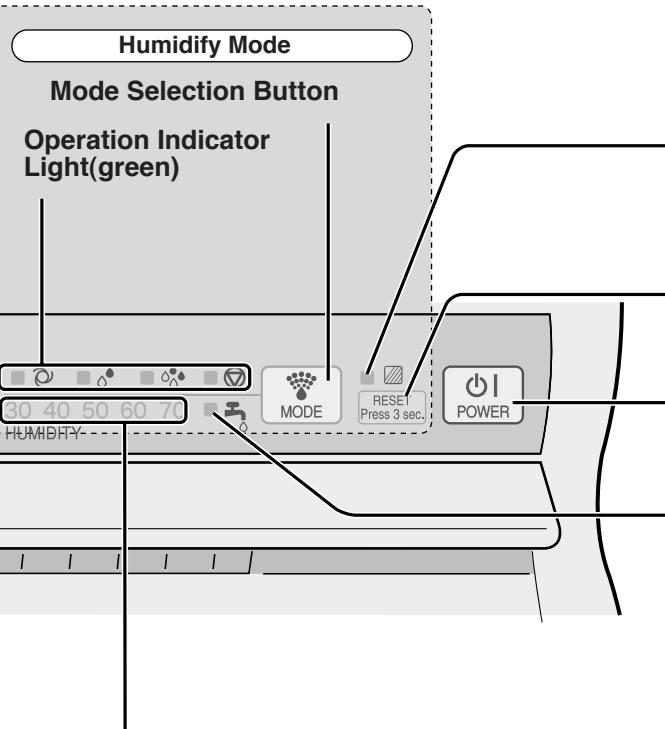
ION SHOWER
Mode
(Humidify
Plasmaclust

Ion SHOWER

ION SHOWER Indicator Light (blue.green)

POWER
Button
Operation +
uster)

POWER



Humidity Indicator Light (green)

Displays a rough measure of the current level of indoor humidity. (Inputting your preferred humidity settings is not allowed)

The unit will check the current level of humidity for one minute immediately after the power is turned ON, during which time numbers 30 - 70 flash sequentially.

MIST Filter Indicator Light (red)

Informs you when you must clean your MIST Filter.

▼ After cleaning

MIST Filter Reset Button

The Mist Filter Indicator Light turns off.

Power ON/OFF Button

Water Supply Indicator Light (red)

Informs you when the tank needs to be refilled with water.

(Ex.) At 50% humidity



PREPARATION

Be sure to remove the power plug from the wall outlet.

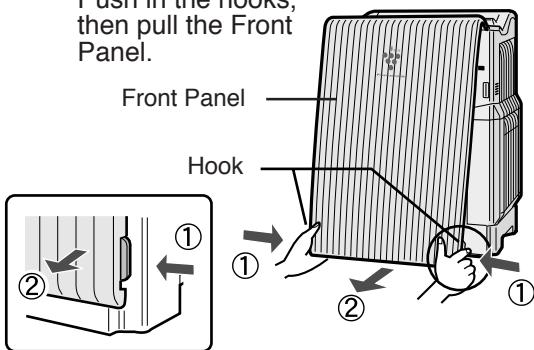
FILTER INSTALLATION

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

1 Remove the filters

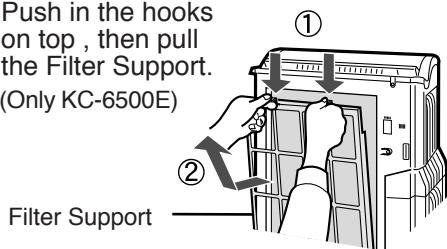
1 Remove the Front Panel.

Push in the hooks, then pull the Front Panel.

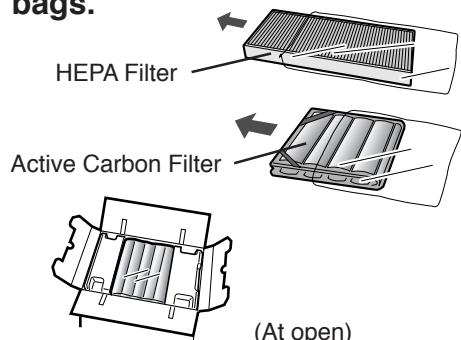


2 Remove the Filter Support.

Push in the hooks on top, then pull the Filter Support.
(Only KC-6500E)



3 Remove the Active Carbon Filter(black) and HEPA Filter (white) from the plastic bags.



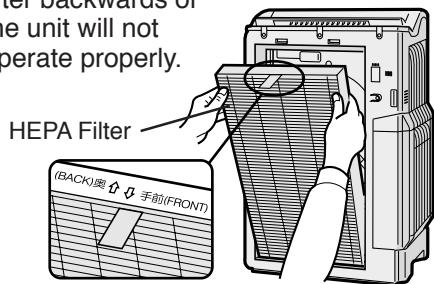
The filter may sometimes discharge deodorant powder, but such discharge does not affect deodorizing performance.

2 Install the filters

1 Place the HEPA Filter within the main unit.

Please make sure that the HEPA Filter is placed in proper orientation.

Do not install the filter backwards or the unit will not operate properly.

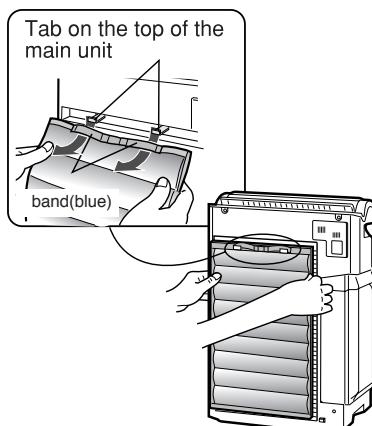


2 Place the Active Carbon Filter into the main unit.

- KC-6400E - - - - -

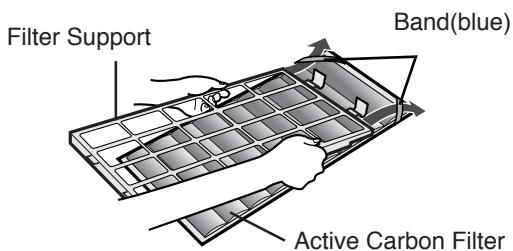
Fit the Active Carbon Filter to the tab on the top of the main unit.

Fit the band to the tab facing toward you in the direction indicated by the arrow, and insert fully.

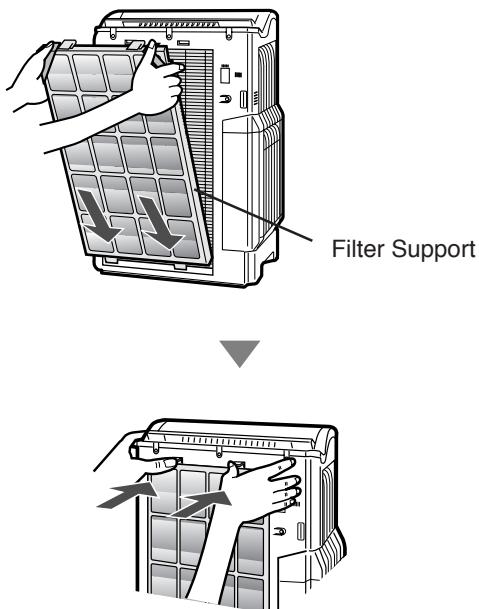


KC-6500E

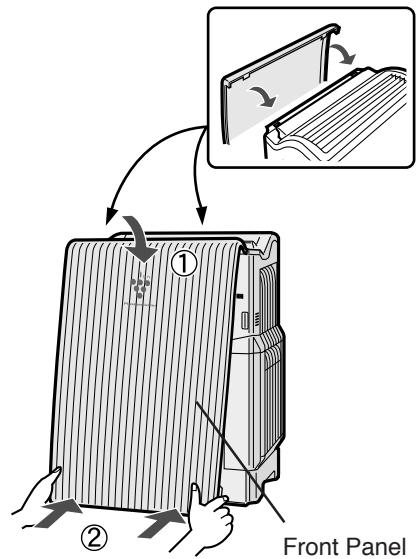
Place the Filter Support through the bands (2 places) located at the corners of the Active Carbon Filter.



Replace the Filter Support and the Active Carbon Filter back to the main unit.

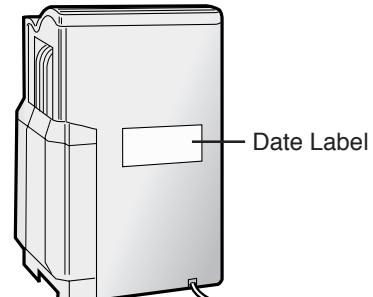


3 Replace the Front Panel.



4 Fill in the usage start date on the Date Label.

Use the date as a guide for the Filter Replacement schedule.



PREPARATION

Be sure to remove the power plug from the wall outlet.

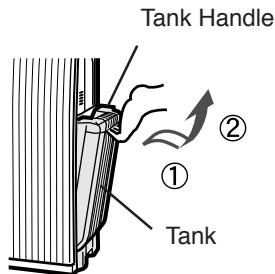
Pour water into the Tank

This product can be used as an air purifier without putting water in the tank.

1 Hold the tank handle and remove the tank.

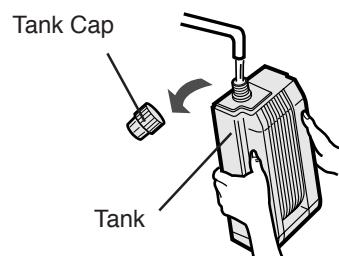
2 Remove the tank cap and pour water.

- Use drinkable tap water.
(Generally speaking, tap water is sterilized with chlorine to suppress propagation of bacteria.)
- Change the tank water every day with fresh tap water.



3 After supplying water, securely tighten the tank cap.

- Check to see that there is no water leak.
- Be sure to wipe off any excess water around the tank.
- When carrying the tank, hold it with both hands so that the tank opening is facing up.



4 Mount the tank to the main unit.

- Insert the tank cap into the dented part of the unit.
- Make sure the tank is firmly attached by pushing it in until you hear a click.

CAUTION

- Do not expose the unit to water. Short circuit and/or electrical shock may occur as a result.
- Do not use hot water (of 40°C or higher), chemical agents, aromatic substances, dirty water, etc. Deformation and/or malfunction may occur as a result.
- Do not use mineral water, ionized alkaline water, well water, purified water, etc. Propagation of mold fungus and bacteria may occur as a result.
- Securely tighten the tank cap. If the tank cap is difficult to tighten, loosen the cap one full turn to properly set the cap to the tank.

Water Supply Indicator Light

When the tank is dry and the water in the tray begins to dry up, the Water Supply Indicator Light will begin to flash.

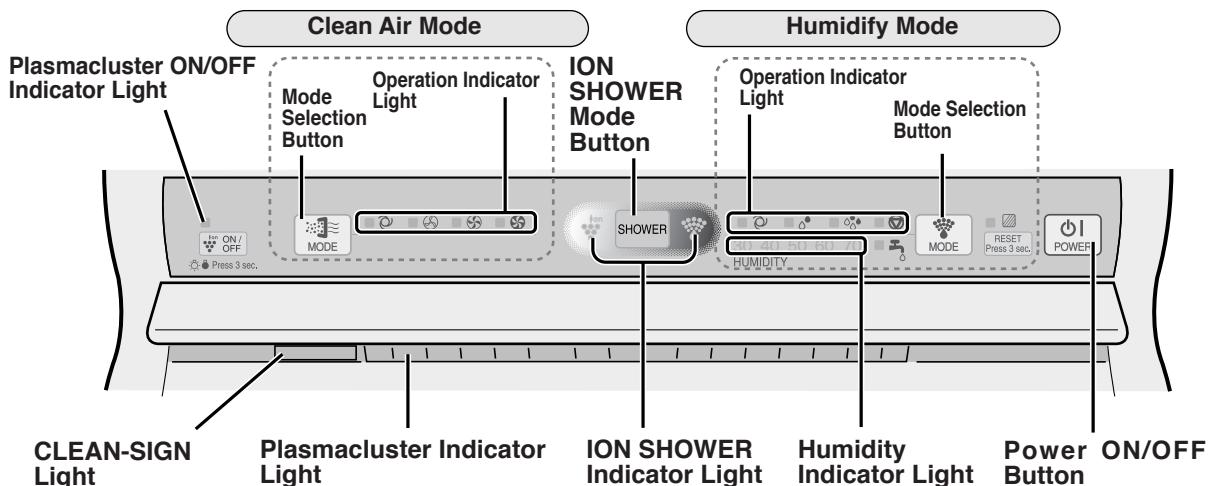
Fill the tank with water.

When not operating in Humidify Mode, press the Humidify Mode Selection Button to turn the mode OFF; the Water Supply Indicator Light will turn off.

(Ex.) When water runs out during Automatic Humidify Mode



OPERATION



POWER ON/OFF BUTTON

1 Press the POWER ON/OFF Button on the main unit.

- Mode activates after the short "beep".
- Unless unplug the power cord, the operation starts in the previous mode the unit was operated in.
- When stop operation during ION SHOWER Operation, the unit will back to the prior operation of ION SHOWER Operation.
- When the tank is dry, the Water Supply Indicator Light turns on. When not operating in Humidify Mode, turn the mode OFF by pressing the Humidify Mode Selection Button; the Water Supply Indicator Light will turn off.



2 Press the POWER ON/OFF Button on the main unit.

- Mode stops running after the long "beep".



ION SHOWER Mode Operation

Shower (Humidification + Plasmacluster Ion) Mode

When pushing the ION SHOWER Mode button, the ION SHOWER operation will be activated. (Direct start is available even when the unit is not turned on.)

The concentrated Plasmacluster Ions (ION SHOWER) will be generated in the room like a shower for 15 minutes, repeating the airflow cycles between strong and gentle. (The Plasmacluster Indicator Light repeats its colour cycles between light and shade.), and effectively controls the airborne dust, pollen, mold, and allergen.

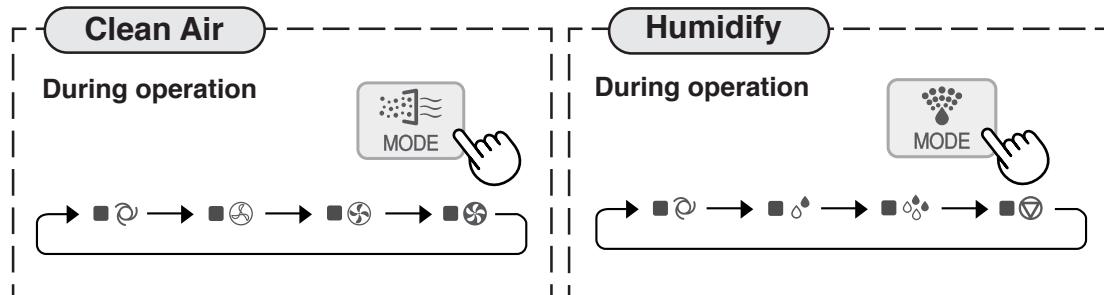
- When the operation finishes, the unit will return to the prior operation.
- When pushing the ION SHOWER button while the ION SHOWER operation mode is working, the unit will return to the prior operation.



OPERATION

Mode Selection Button

The operation mode can be switched, and the Indicator Light will turn on.



Humidify and Clean Air Mode

Use the Clean Air Mode and Humidify Mode together to quickly remove house dust floating in the air as well as eliminates odour. (for fresh air and those of saturated ones.)

● During Normal Use

Clean Air : AUTO

Humidify : AUTO

4 sensors (a *Dust Sensor and an Odour Sensor for detecting impurities in the air, and Temperature/Humidity Sensors for detecting temperature and humidity) are used to automatically control airflow volume in accordance with the state of your room.

● For Quiet Use at Bedtime, Etc.

Clean Air : AUTO

Humidify : LOW

2 sensors (a *Dust Sensor and an Odour Sensor for detecting impurities in the air) are used to automatically control airflow volume in accordance with the amount of impurities detected in your room, while humidifying gently and quietly in "Humidify LOW" Mode.

● When Air is Dry

Clean Air : AUTO

Humidify : HIGH

2 sensors (a *Dust Sensor and an Odour Sensor for detecting impurities in the air) are used to automatically control airflow volume in accordance with the amount of impurities detected in your room, humidifying vigorously in "Humidify HIGH" Mode. (Operation noise increases)

* Only KC-6500E is equipped with the Dust sensor.

About Automatic Humidify Mode

The Temperature/Humidity Sensors control humidity automatically in accordance with changes in room temperature.

Temperature	Humidity
~18°C	65%
18°C~24°C	60%
24°C~	55%

When operating Clean Air Mode and Humidify Mode together, Humidify Mode takes priority.

* Depending on the size and dryness of your room, humidity may not reach 55 - 65%. In such cases, it is recommended to operate in "Humidify HIGH" Mode.

Running Clean Air Mode Only (when you wish to turn OFF Humidifying)

On rainy days, etc. when your room is reasonably humid, turn Humidify Mode OFF.

- 1 When the device is running, press the Humidify Mode Selection Button to turn Humidify Mode OFF. ()
- 2 Press the Clean Air Mode Selection Button to set your preferred purification mode.

AUTO operation

The fan speed is automatically switched (HIGH*, MEDIUM, LOW) depending on the amount of impurities in the air. The sensors detect the impurities for efficient air purification.

* HIGH fan speed is an intermediate speed between MEDIUM and MAX.

MAX operation

The unit will operate at a fan speed of MAX.

MEDIUM operation

The unit will operate at a fan speed of MEDIUM.

LOW operation

The unit will operate quietly using minimal air intake.

Plasmacluster Ion Mode

Each time the Button is pressed during operation, the Plasmacluster Ion Mode turns ON and OFF and the Plasmacluster ON/OFF Indicator Light turns ON (green) and OFF.



LIGHTS ON/OFF

Use when the Plasmacluster Indicator Light and the CLEAN-SIGN Light are too bright.

(Please press the Plasmacluster ON/OFF Button for 3 seconds 2 short beeps are generated.)
Switches the Plasmacluster Indicator Light and CLEAN-SIGN Light either ON or OFF.



CAUTION

When the Plasmacluster ON/OFF Button is released before the 2 short beeps, The Plasmacluster Ion Mode switches between ON and OFF; the CLEAN-SIGN Light does not turn ON/OFF because only the Plasmacluster Indicator Light turns ON/OFF.

CARE AND MAINTENANCE

To maintain optimum performance of this air purifier, please clean the unit including the sensor and filters periodically.

When cleaning the unit, be sure to unplug the power cord, and never handle the plug with wet hands. Electrical shock and/or bodily injury may occur as a result.

MAIN UNIT

Care Cycle 1 month

To prevent dirt or stains on the main unit, clean as often as necessary. If stains are allowed to remain, they may become hard to clean.

Wipe with a dry, soft cloth

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

Do not use volatile fluids

Benzene, paint thinner, polishing powder, etc., may damage the surface.

Do not use detergents

Detergent ingredients may damage the unit.

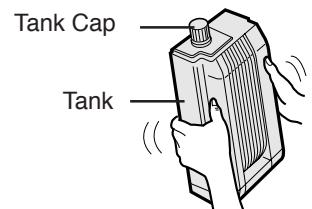
Keep the unit away from water

TANK

Care Cycle Every water supply

With a small amount of water inside and the tank cap closed, wash the tank set by shaking it.

When using a kitchen detergent, dilute the detergent with water and rinse it thoroughly.



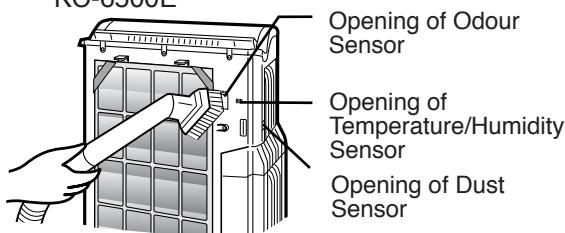
SENSORS (*DUST SENSOR, ODOUR SENSOR, TEMPERATURE/HUMIDITY SENSOR)

Care Cycle 2 months

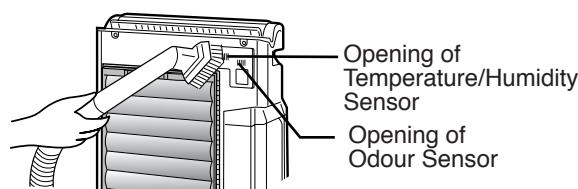
* Only KC-6500E is equipped with the Dust sensor.

Remove dust from the surface of the hole of the sensors using a vacuum cleaner.

KC-6500E



KC-6400E

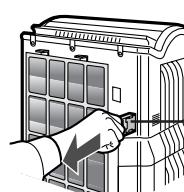


SENSOR FILTER CARE (KC-6500E only)

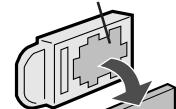
(The sensor Filter is in the sensor cover.)

Detach the sensor filter and tap it lightly with your hand to remove the dust.

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



Sensor Cover

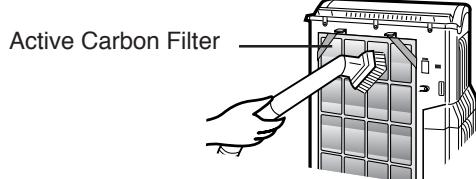


Sensor Filter
It does not have a front and a back.

FILTER CLEANING

Care Cycle 2 months

Clean the top surface of the Active Carbon Filter lightly with a vacuum cleaner.



(The illustration has used "KC-6500E")

WASHABLE ACTIVE CARBON FILTER CARE

**HAND WASH ONLY!
DO NOT TUMBLE DRY!**

Care Cycle

2 months

- When it smells unpleasant from air outlet.
- When feeling that the smell is not taken easily.

1 Fill a large container with warm water, add a mild kitchen detergent and stir.

Dilute as indicated on the detergent container.



2 Allow the filter to soak approximately 10 minutes before washing.

If the filter surface is very dirty, scrub with an old toothbrush.

CAUTION

Handle with care to prevent damage to the activated carbon particles.



3 Rinse thoroughly with clean water.

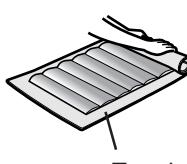
CAUTION

If rinsing in a container, be sure to rinse 3 to 4 times so that the odour is rinsed thoroughly from the filter.



4 Remove excess water.

The filter will be saturated with water after rinsing. To decrease drying time, wrap the filter in an old thick towel so that excess water can be removed.

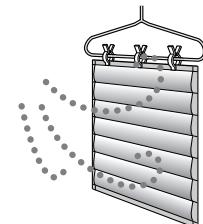


CAUTION

- Some carbon may adhere to the towel, but it is harmless.
- It is not allowed to wring out the filter.



5 Dry the filter outdoors if possible in a well ventilated area.



CAUTION

- The wet filter is heavy. Fix it securely for drying to make sure it does not fall down.
- The filter takes longer to dry in winter, on rainy days. Wash it on a day when the weather is good and dry it in the sun. Move it indoors at night to prevent freezing.
- Dry the filter outdoors in a well ventilated area. If dried indoors, the water dripping off the filter may soil your floor.
- Make sure that the activated carbon has not shifted to one side inside the filter. If it has, distribute it evenly with your fingers.
- Let the filter dry thoroughly. If used while the filter is still moist, then the air that is exhausted from the main unit will have an odour. It may take 1 or 2 days to dry.

6 Reinstalling the Filters.

Reinstall the filters as shown on Page E-8,9.

CARE AND MAINTENANCE

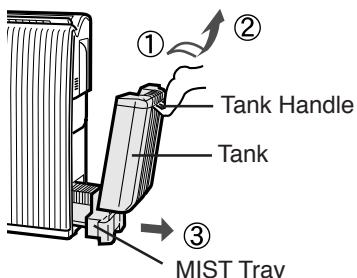
MIST TRAY

Care Cycle 1 month

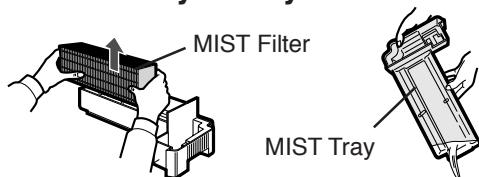
The frequency of maintenance (descaling) will depend on the hardness of the water that you use; the harder the water the more often descaling will be necessary.

1 Remove the Tank and MIST Tray.

- The Tank is removed first, and the tray is removed.
- Use both hands to pull out the MIST Tray to avoid spilling of water.

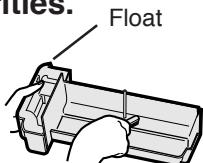


2 Remove the Tank and MIST Filter from the MIST Tray and drain the water by tilting the MIST Tray slowly.



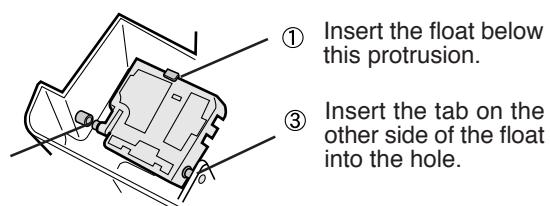
3 Wash inside the tray with water to remove impurities.

- Do not remove the float (Styrofoam).
- Clean difficult-to-reach parts with a cotton-tipped swab or tooth brush.



When Float comes off, please insert the tabs of the Float into the holes of Mist Tray as shown in the right diagram.

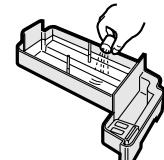
- ② Insert the tab of the float into the hole.



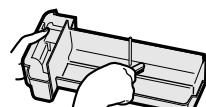
When Water Deposits are Difficult to Remove

1 Fill MIST tray with warm water, add a mild kitchen detergent and stir.

Dilute as indicated on the detergent container.

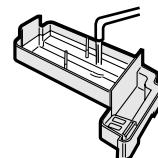


Clean difficult-to-reach parts with a cotton swab or tooth brush.



2 Rinse the MIST tray with water.

- Change the water and repeat this procedure 2-3 times.
- Use clean water each time.
- Inadequate rinsing may cause the detergent odour or changes in the shape/ colour of the main unit.



CAUTION

- Be sure that no gaps are left between the tray and the main unit when you load the tray. The unit may not operate if the tray is not securely fitted.
- Use only designated alkaline and acidic cleansers. Using non-designated cleansers can cause deformation, tarnishing, cracking (water leakage).

MIST FILTER

Care Cycle

1 month

The MIST Filter Indicator Light turns on.

The frequency of maintenance (descaling) will depend on the hardness or the impurities of the water that you use; the harder the water the more often descaling will be necessary.

MIST Filter Indicator Light



- The Mist Filter Indicator Light turns ON to remind you when it is time to clean the MIST Filter.
- The Indicator Light will turn ON after approximately 1 month of all-day, 24-hour use in Humidify Mode.
- Please clean the MIST Filter.

1 Remove the MIST Filter from the MIST Tray.

- Be careful of the water drops that may fall.

2 Preparing the descaling solution.

Citric acid, available at some drugstores, or 100% bottled lemon juice are used for descaling. Choose either one to use, and prepare the descaling solution.

<For using citric acid>

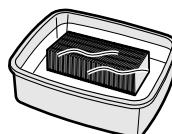
Dissolve 3 teaspoons of citric acid and 600 ml of luke-warm water in a suitable container, and stir well.

<For using lemon juice>

Use only bottled 100% lemon juice with no pulp (please check before using and strain through a fine strainer there seems to be some pulp). Pour 50 ml of lemon juice and 600 ml of luke-warm water in a suitable container, and stir well.

3 Presoak the mist filter in the solution prior to cleaning.

When using lemon juice, it is recommended to presoak longer than citric acid.



4 Rinse the MIST Filter with water.

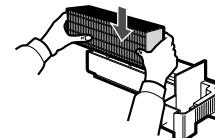
- Change the water and repeat this procedure 2-3 times.
- Use clean water each time.
- Inadequate rinsing may cause citric acid odour or changes in the shape/colour of the main unit.



* Do not wash the MIST Filter vigorously. The Mist Filter might be damaged.

5 Attach the MIST Filter to the MIST Tray.

- The MIST Filter does not need to be oriented in any particular position (forward/backward, up/down)
- When not using the device for a prolonged period of time, be sure to dry the MIST Filter completely before installing.



6 Plug in the product and press the MIST Filter Reset Button on the main unit.



You will notice reddish-brown or white deposits forming on the surface of the MIST Filter. These impurities (calcium, etc.) are due to the impurities contained in tap water; this is not a defect. Replace the MIST Filter when it is covered completely in white deposits.

CARE AND MAINTENANCE

FILTER REPLACEMENT GUIDELINES

The replacement period differs depending on the room environment, the usage hours and location of the unit.

If dust or odours persists, replace the filters.

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

HEPA Filter / Active Carbon Filter

Up to 5 years after opening

Guide for filter replacement timing

- Filter life can be greatly reduced in poor environments.

The presence of cigarette smoke, pet dander and other concentrations of airborne particles will cause filters to become clogged in less time. Please check filters regularly and replace as needed.

Replacement Filters

Part code PFIL-A134KKEZ(for KC-6500E)
• HEPA Filter : 1 unit

Part code PFIL-A139KKEZ(for KC-6400E)
• HEPA Filter : 1 unit

Part code PFIL-A148KKEZ(for KC-6500E)
• Active Carbon Filter : 1 unit

Part code PFIL-A147KKEZ(for KC-6400E)
• Active Carbon Filter : 1 unit

REPLACING THE FILTERS

1. See page E-8,9 for directions on how to install the filters when replacing.

2. Fill in the usage start date of the filters on the Date Label.

Disposal of Filters

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

HEPA Filter materials:

- Filter: Polypropylene • Frame: Polyester

Active Carbon Filter Materials:

- Deodorizer: Activated charcoal • Net: Polypropylene 60%, Polyester 40%

MIST Filter

Up to 1 year after opening

Guide for filter replacement timing.

- The Mist Filter life can be greatly reduced in poor environments.

Please exchange the Mist Filter, even if within 1 year after opening, if the following conditions appear:

- Mineral deposits (white, black, or red masses) do not come off after cleaning or the Mist Filter is still dirty.
- Severe damage or change of shape has resulted.

Replacement Filter

Part code PFIL-A135KKEZ(for KC-6500E)
• MIST Filter : 1 unit

Part code PFIL-A140KKEZ(for KC-6400E)
• MIST Filter : 1 unit

REPLACING THE FILTER

1. See page E-17 for directions on how to install the filters when replacing.

2. Fill in the usage start date of the filters on the Date Label.

Disposal of Filter

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

MIST Filter materials:

- Rayon , Polyester

TROUBLESHOOTING

Before calling for repair, please review the list below, since the problem may not be a unit malfunction.

SYMPTOM	REMEDY (not a malfunction)
Odours and smoke are not removed.	<ul style="list-style-type: none"> Clean or replace the filters if they appear to be heavily soiled. (Refer to E-15,E-18)
The CLEAN-SIGN Light illuminates green even when the air is impure.	<ul style="list-style-type: none"> The air could be impure at the time the unit was plugged in. (Refer to E-6) Pull out the plug from the electrical outlet, and insert the plug one minute later.
The CLEAN-SIGN Light illuminates orange or red even when the air is clean.	<ul style="list-style-type: none"> The sensitivity of the sensors become unstable when the opening of the odour sensor or dust sensor is dirty or is clogged. Clean the dust around the sensor opening using a vacuum cleaner. (Refer to E-14)
A clicking or ticking sound is heard from the unit.	<ul style="list-style-type: none"> Clicking sound or ticking sound is emitted when the unit is generating ions.
The discharged air has an aroma or odour.	<ul style="list-style-type: none"> Check to see if the filters are heavily soiled. Replace the filters. Plasmacluster Air Purifiers emit small traces of ozone which may produce an odour. These ozone emissions are well below safety levels.
The unit does not operate when cigarette smoke is in the air.	<ul style="list-style-type: none"> Is the unit installed in a location that is difficult for the sensor to detect cigarette smoke? Are the dust or odour sensor openings blocked or clogged? (In this case, clean the openings.) (Refer to E-14) (Care Cycle : MIST Filter : 1 month)
The MIST Filter Indicator Light remains activated even after replacing filter.	<ul style="list-style-type: none"> After replacing filters, connect the power cord to an outlet and press the Mist Filter Reset Button. (Refer to E-17)
The Plasmacluster Indicator Light or the CLEAN-SIGN Light will not activate.	<ul style="list-style-type: none"> Check to see if the Lights OFF Mode selected. If so, then press the Plasmacluster ON/OFF Button for 3 seconds to activate the indicator lights. (Refer to E-13)
Plasmacluster Indicator Light repeat colour cycles between light and shade.	<ul style="list-style-type: none"> The ION SHOWER operation is working.
The Mist Filter Indicator Light does not turn on even water is in.	<ul style="list-style-type: none"> Please check if the impurities adhered to the surface of the Float. Clean the Mist Tray. Check to see if the Main Unit is put on a inclined surface.
When the water of the tank does not decrease or the decrease of the water is slow.	<ul style="list-style-type: none"> Check to see if the Mist Tray and Tank are installed correctly. Check the Mist Filter. Replace the filter when it is heavily soiled. (Refer to E-17,18)
The CLEAN-SIGN LIGHT switches frequently.	<ul style="list-style-type: none"> The CLEAN-SIGN Light will automatically switches the colours when detected by dust and odour sensors.

* Only KC-6500E is equipped with the Dust sensor.

TROUBLESHOOTING

ERROR DISPLAY

If error occurs again, contact the Sharp Service Centre.

LAMP INDICATION	REMEDY
The “LOW” Operation Indicator Light (Clean Air) blinks.	Fan motor disconnected or abnormal. Operation stops. • Pressing the POWER ON/OFF button will reset the error display.
The “Auto” Operation Indicator Light (Clean Air) blinks.	Microcomputer Errors. • Remove the power plug, wait for a while, then reinsert the plug and try operating the device again.
The “Humidity Indicator Light (30)” blinks.	Temperature/Humidity Sensor Errors. • Remove the power plug, wait for a while, then reinsert the plug and try operating the device again.

SPECIFICATIONS

Model	KC-6400E					KC-6500E									
Power supply	220-240V 50/60Hz														
Operation Mode	Clean Air Mode			Humidify Mode		Clean Air Mode			Humidify Mode						
Fan Speed Operation	MAX	MEDIUM	LOW	HIGH	LOW	MAX	MEDIUM	LOW	HIGH	LOW					
Air Flow Volume(m ³ /hour)	198	73	26	158	42	294	143	38	183	56					
Rated Power(W)	33	6	3.6	25	4.5	58	11	3.7	28	5					
Noise Level(dBA)	50	28	14	48	21	52	35	14	46	21					
Applicable Floor Surface(m ²)*1	~ 23			—		~ 33			—						
Humidification(mL/hour)*2	—	—	—	400	130	—	—	—	550	200					
Continuous Humidification time(hour)	—	—	—	7.5	23	—	—	—	7.3	20					
Tank Capacity(L)	3.0					4.0									
Sensors	Odour/Temperature & Humidity					Dust/Odour/Temperature & Humidity									
Filter type	Dust collection: HEPA with Microbial control Deodorization: Washable Active Carbon														
Cord Length(m)	2.0														
Dimensions(mm)	360(W)x205(D)x533(H)					400(W)x237(D)x582(H)									
Weight(kg)	6.7					8.0									

*1 • The applicable floor surface area is appropriate for operating the unit of maximum fan speed.
• Applicable floor surface area indicates the space where a certain amount of dust particles can be removed in 30 minutes. (JEM1467)

*2 • Humidification Amount changes in accordance with indoor and outdoor temperature and humidity.
Humidification Amount increases as temperatures rise or humidity decreases.
Humidification Amount decreases as temperatures decrease or humidity rises.
• Measurement Condition : 20 degree celcius, 30% humidity (JEM1426)

Standby Power

In order to operate the electrical circuits while the power plug is inserted in the wall outlet, this product consumes about 0.8W of standby power.
For energy conservation, unplug the power cord when the unit is not in use.



Attention: Your product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collection system for these products.

A. Information on Disposal for Users (private households)

1. In the European Union

Attention: If you want to dispose of this equipment, please do not use the ordinary dust bin!

Used electrical and electronic equipment must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of used electrical and electronic equipment.

Following the implementation by member states, private households within the EU states may return their used electrical and electronic equipment to designated collection facilities free of charge*. In some countries* your local retailer may also take back your old product free of charge if you purchase a similar new one.

*) Please contact your local authority for further details.

If your used electrical or electronic equipment has batteries or accumulators, please dispose of these separately beforehand according to local requirements.

By disposing of this product correctly you will help ensure that the waste undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

2. In other Countries outside the EU

If you wish to discard this product, please contact your local authorities and ask for the correct method of disposal.

For Switzerland: Used electrical or electronic equipment can be returned free of charge to the dealer, even if you don't purchase a new product. Further collection facilities are listed on the homepage of www.swico.ch or www.sens.ch.

B. Information on Disposal for Business Users.

1. In the European Union

If the product is used for business purposes and you want to discard it:

Please contact your SHARP dealer who will inform you about the take-back of the product. You might be charged for the costs arising from take-back and recycling. Small products (and small amounts) might be taken back by your local collection facilities.

For Spain: Please contact the established collection system or your local authority for take-back of your used products.

2. In other Countries outside the EU

If you wish to discard of this product, please contact your local authorities and ask for the correct method of disposal.

SHARP
SHARP CORPORATION
OSAKA, JAPAN