



Operating Instructions 使用說明書

Humidifying Air Purifier

加濕空氣清新機

Model No. **F-VXR70H**
型號

This product is for indoor use only.

本產品為室內專用

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Confirmation and preparation
確認與準備

Operating methods
使用方法

Care and maintenance
維護保養

When you feel confused
其他資訊

Warranty Card attached

Thank you very much for purchasing this Panasonic product.

- Please read these operating instructions carefully before operation and maintenance.
- **Also, be sure to read the “Safety precautions” section (P.2 to 4) before use.**
- Failure to comply with instructions could result in injury or property damage.
- Make sure that the correct information is written on the warranty card, including the date of purchase and the name of the distributor. Keep the warranty card in a safe place along with the operating instructions for future reference.

另附保證書

感謝您選購Panasonic產品。

- 使用和維護產品前，請仔細閱讀本使用說明書。
- 使用前，請務必先閱讀“安全注意事項”（第26至28頁），以確保安全使用。
- 不遵照本說明書進行操作有可能導致受傷或財產損失。
- 請確認保證書中已填寫“購買日期、經銷商名稱”等信息後，將其與使用說明書一同進行妥善保管。

Safety precautions

Always observe these precautions

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experiences and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the product.
- Be sure to disconnect the power plug before cleaning and water supply the product.
- For cleaning and descaling see "Care and maintenance" and regarding filling (water supply) see "Preparation".

These safety precautions are provided for your protection. Please read and follow them carefully to avoid personal injury or damage to the product itself or other properties.

■ **The following symbols differentiate the levels of danger and injury that may result if the product is not used correctly as instructed.**

 WARNING This symbol indicates that improper handling may cause a risk of death or serious injury.	 CAUTION This symbol indicates that improper handling may cause a risk of injury or damage to the product or to your properties.
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■ **This manual uses a number of other symbols to indicate additional information.**
 (The symbols given below are examples.)

 This symbol indicates an action that must not be performed.	 This symbol indicates an action that must be performed.
---	---

WARNING

To prevent accidents such as fires and electric shocks

■ In case of an abnormality or malfunction



■ **In case of any problem or failure, stop using the product immediately and disconnect the power plug.**

(Otherwise, electric shock, fire or smoke may occur.)

<Example of problem/failure>

- Water leakage
 - Moving the power cord stops operation.
 - Abnormal noise or vibration is observed during operation.
 - The product becomes abnormally hot or burning smell is observed.
- Immediately stop operation, disconnect the power plug and contact the dealer for a check or repair.

■ The product



■ **Do not disassemble or modify this product.**

(Disassembling or modifying the product may result in ignition or electric shock and fire due to malfunction.)

Please contact an authorized service center for repair.



■ **Do not insert your fingers, metal objects or others into the air inlet, air outlet or gaps.**

(May cause injury and electric shock.)



■ **Do not let the product get wet.**

(Otherwise, a fire or electric shock may be caused due to wire breakage or short-circuit.)

■ Power plug or power cord



■ **Do not use in a way exceeding the rating of the power socket or wiring, or with power sources other than 220 V 50 Hz.**

(If the socket is overloaded, fire due to overheating may occur.)

■ **Do not do anything that may damage the power cord or power plug.**

- Power cord must not be damaged, modified, bend excessively, twisted or pulled. Also do not put near heating appliances, or put anything heavy on. Do not bundle.

(Short-circuit may occur and cause electric shock or fire.)

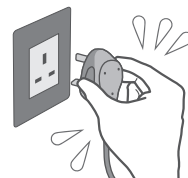
Please contact the dealer for repair.

■ The power plug



■ **Do not touch the power plug with wet hands.**

(Electric shock may occur.)



■ **Insert the power plug thoroughly.**

(If the power plug is not inserted securely, electric shock or fire due to overheating may occur.)

- Do not use damaged plugs or loosen sockets.

■ **Periodically clean the power plug.**

(If dust builds up on the power plug, it may absorb moisture causing poor insulation, which may result in fire.)

- Disconnect the power plug and wipe it with a dry cloth.
- If not using the product for a long period, disconnect the power plug.

! WARNING

■ Moving the product



■ Do not pull the power cord when carrying or storing away the product.

(It may damage the power cord, short-circuit may occur and cause electric shock or fire.)

■ Do not damage the power cord with wheels.

(The damage may cause an electric shock, power cord overheated or a fire.)

■ Care and maintenance



■ Be sure to disconnect the power plug before cleaning the product.

(The product may start operating unexpectedly and electric shock or injury may occur.)

! CAUTION

■ Installation



■ Do not put the product in the following places:

- An unstable place.
(Otherwise it may drop down or fall over, then cause injury, wet the furniture, leakage, electric shock or fire.)
- Where the temperature or humidity is too high, or where the product is exposed to water, such as a bathroom.
(Electric leakage may cause electric shock or fire.)
- Where oil is contained in the air, such as in kitchens.
(Otherwise, injury may be caused due to cracks.)
- Where oil or inflammable gas is present and may be leaked.
(Otherwise, ignition may occur, or the product may suck and cause a fire or smoke.)
- Where animals or plants are directly exposed to the air.
(Cause of dehydration due to wind)
- Where the wind from air outlet is directly applied to furniture or wall.
(Stains may be caused.)

■ The product



■ Be sure to always keep the water in the tank and interior of the product clean.

If the interior is contaminated by dirt or incrustation,

- Water leakage may occur.
- A foul odor may occur due to mold or bacteria.
- Contamination may harm human health (though it is rare).

(When you feel uncomfortable, please consult a doctor at once.)

- Replace the water in the tank with new tap water every day.
- Clean the interior of the product periodically.

■ Removing the power plug



■ When disconnecting the power plug, grasp the power plug instead of the power cord.

(Otherwise, a fire or electric shock may be caused due to wire breakage or short-circuit.)

■ Moving the product



■ Stop operation, remove the tank and dispose of the water in the tray.

(If there is water leakage, the furniture may be wet.)



■ Hold the handles when lifting and moving the product.

(Otherwise it could be slipped out and result in minor injury.)



■ When carrying the product, do not hold the louvers or front panel.

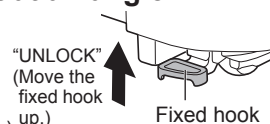
(Otherwise it could be slipped out and result in minor injury.)

Moving with wheels



■ Release the fixed hook locks and move the product slowly sideways so that it is not at an angle.

(Moving the product without releasing the fixed hook locks may cause an injury or the product to topple over.)



Fixed hook

■ Lift the product when moving it on a thick carpet.

(Failure to do so may cause damage to the carpet.)



■ Do not move in any direction other than sideways.

(It may cause damage to the floor, carpet, straw mats or other surfaces.)



■ Operating the product



■ Ventilate the room if using this product together with a combustion equipment.

(Otherwise carbon monoxide poisoning may occur.)

- This product cannot remove carbon monoxide.

Safety precautions (continued)



CAUTION

■ Do not perform the following



■ Do not use cracked or damaged tank.

(If there is water leakage, the furniture may be wet.)

■ Do not put chemicals, air fresheners, or essential oil into the tank and tray.

(It may damage the tray and wet the furniture.)

■ Do not clean the product with solvents such as benzine or thinner, and do not apply insect sprays.

(This product may become cracked and injury may occur. This may cause spillage and wet the furniture, or short-circuit may occur and cause electric shock or fire.)



■ Do not operate this product in places when using smoke insecticide.

(Chemical residue may build up inside the product and be discharged from the air outlet, resulting in a health hazard.)

- Ventilate the room well after using insecticides before operating the product.

■ Do not sit or lean against this product.

(Otherwise, injuries may be caused.)

- Special attention should be paid when the product is used at home with small children.

■ Do not push over this product.

(A fire or electric shock may be caused if water spills out.)



■ Do not put flammable substances or burning items such as cigarette or incense near the product.

(Fire may occur.)

Precautions during installation

■ Do not put the product in the following places:

- Where the product will be exposed to direct sunlight or direct blowing/heat of air conditioner. (Otherwise, deformation, deterioration, discoloration or malfunction may be caused.)
- Near the window or where the humidity sensor area is blocked. (It may cause of the humidity sensor not operating correctly.)
- Near a TV set or radio. (Otherwise, distortion or noises may be caused.)
→ Keep 1 m or more away from such devices. If the power plug is inserted into the same socket as that of these devices, distortion or noises may be caused. In this case, insert the power plug into another socket.

It would be effective if placed here!

■ Place it low on the floor as a countermeasure against pollen.

Since pollen and dusts are likely to float in the air near the floor, we recommend you put the product on the flat floor in the room.

■ To circulate the air efficiently around in the room.


To prevent the air inlet or the air outlet from being blocked, install the product with its right, left and the top about 30 cm or more away from walls or furniture, curtains etc. To ensure efficient use of the product, keep its back at least 1 cm away from the wall.

Operating conditions

■ Do not place any objects on the product.

(Otherwise, malfunction or failure may be caused.)

- Do not place magnets, metallic objects or similar objects on the product.

(Otherwise the built-in magnet detects turnover causing the "Check indicator"  to light up, which will stop operation of the product.)

■ When there is a risk of freeze, please empty the tank and tray.

(If the product operates with water frozen, failure may be caused.)

■ When using the product in the same area for extended periods of time

Using the product continuously in one location may cause the wall, floor or other areas around the product to become dirty due to the air sucked in at the bottom of the product.

We recommend to move the product to a different location occasionally or clean the wall, floor or other areas regularly.

Features

“Mega catcher” and humidifying function bring clean and moisturizing air.

- Sensors identify dirt in the air, and the front panel opens widely to suck in air intensively from the bottom
- A “Human activity sensor” pre-starts operation and collects dust quickly to prevent dirt from spreading around the room
- Equipped with nanoe® technology
- Measure against PM 2.5

Catches 99% of the particles having a size of 0.1 to 2.5 μm ^{*1}
New particles coming from the outdoor by ventilation etc. are not calculated.

^{*1}Test method: Japan Electrical Manufacturers' Association voluntary standard (HD-128)

Criteria: The time to remove 99% of the particles having a size of 0.1 to 2.5 μm in a closed space of 32 m^3 is within 90 minutes. (It is a value converted for the test space of 32 m^3 .)

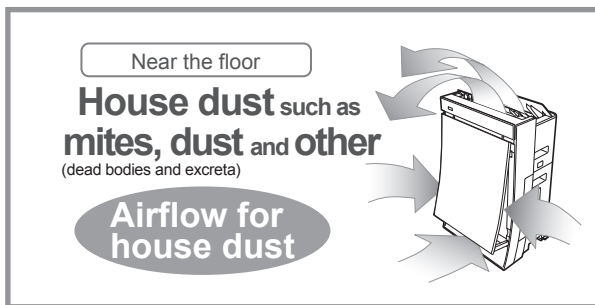
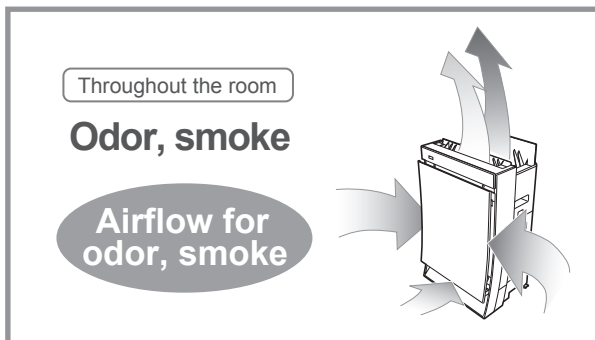
● PM 2.5 is a generic term for fine particulate matters having a size of 2.5 μm or less.

● It has not been confirmed that this product removes fine particulate matter of less than 0.1 μm . In addition, it is not mentioned that this product removes all of the harmful substances in the air.

● The result is of a test in closed space of 32 m^3 , instead of in actual application space.

■ About “Mega catcher”

The sensor detects dirt in the air (P.22), which causes the front panel to open widely to suit the type and concentration of dirt in the air, and product will operate with appropriate airflow.
(P.20 Type of airflow)



■ “House Purifying airflow” cleans dust in the air during absence. (P.20)

Reduces dust that falls to the floor by approximately 70%^{*2}
(It cannot clean dust that has already built up.)

^{*2} Product operated while placed next to the wall of an approximately 23 m^3 test room. Dust is generated in the center of the room, and the weight of dust adhered to the HEPA composite filter after 1 hour is measured and used to calculate the weight of dust falling on the floor. Comparison of weight of generated dust and weight of dust falling on the floor.

Operating in “House Purifying” mode with no people present. Evaluated by the test method of Panasonic own. These values are a guided only, the effect is different depending on the installation environment and the usage.

■ “Clothes Deodor.” mode deodorizes the clothes difficult to wash.^{*3}

The deodorizing effect differs according to the surrounding environment (temperature / humidity), operation time, or type of odor / textile.

^{*3} Testing organization: ENVIRONMENTAL CONTROL CENTER CO., LTD.

Test method: Conduct verification using six grades odor intensity measurement method. Located 40 cm away from the air outlet in the test chamber of 23 m^3 .

Deodorizing method: Emitting nanoe® in “Clothes Deodor.” mode

Target: Attached cigarette odor, barbecue odor

Test outcome: <cigarette odor> odor intensity drops 2 grades within 60 minutes. [H117249002000DA]

<barbecue odor> odor intensity drops 1 grade within 60 minutes. [H117249002001DA]

■ “ECONAVI” mode makes electric utility expense cheaper.

It saves power by stopping operation automatically when the air is clean. Meanwhile, the product will operate in advance to eliminate the dirt effectively before spreading, thus reducing the operation time.

■ About “Light sensor mode”

The product detects the indoor brightness with the “Light sensor” and controls the brightness of indicators or the front indication of the control panel and air volume automatically. (P.21)

■ About the “Human activity sensor”

The product detects movement by people and pets, and automatically controls the air volume. It predicts house dust floating around and starts operation before the air in the room becomes dirty.
(With “Air volume” setting to [Auto])
(Not all pets can be detected.)

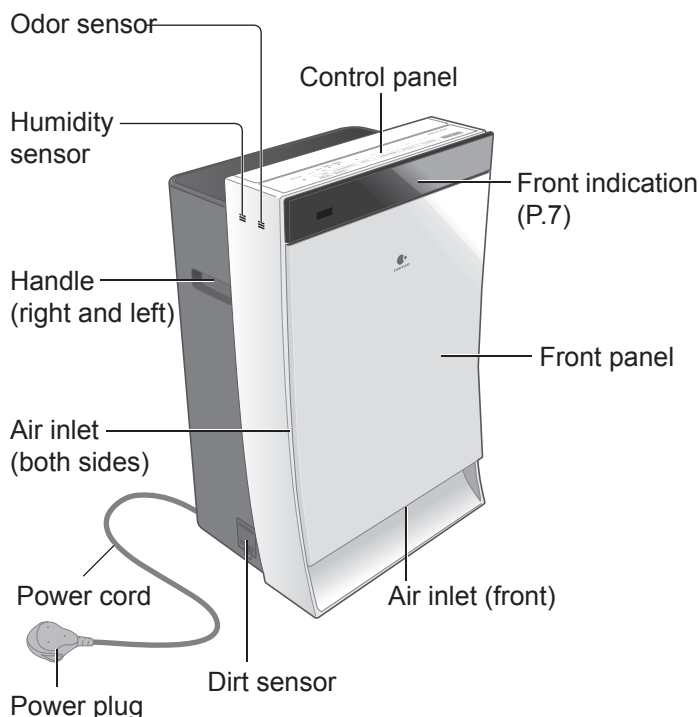
Detection image

(It detects movement in the area in front of the product.)

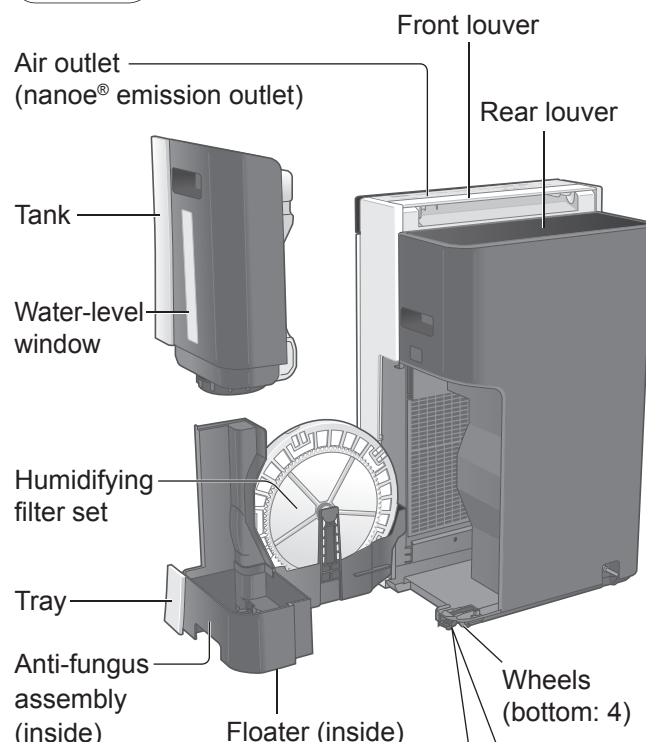


Parts identification

Front



Back



■ Locking the wheels

- Lower the fixed hook.: "LOCK"
- Raise the fixed hook.: "UNLOCK"

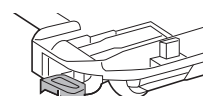
"LOCK"
(Move the fixed hook down.)



"UNLOCK"
(Move the fixed hook up.)

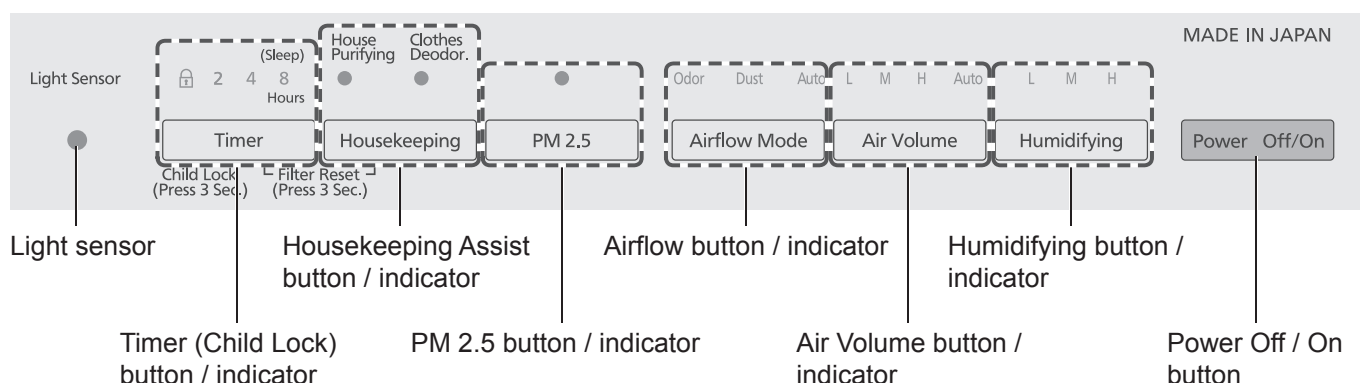


(The product may move even if the wheels are locked on slippery surfaces.)



Fixed hook

Control panel

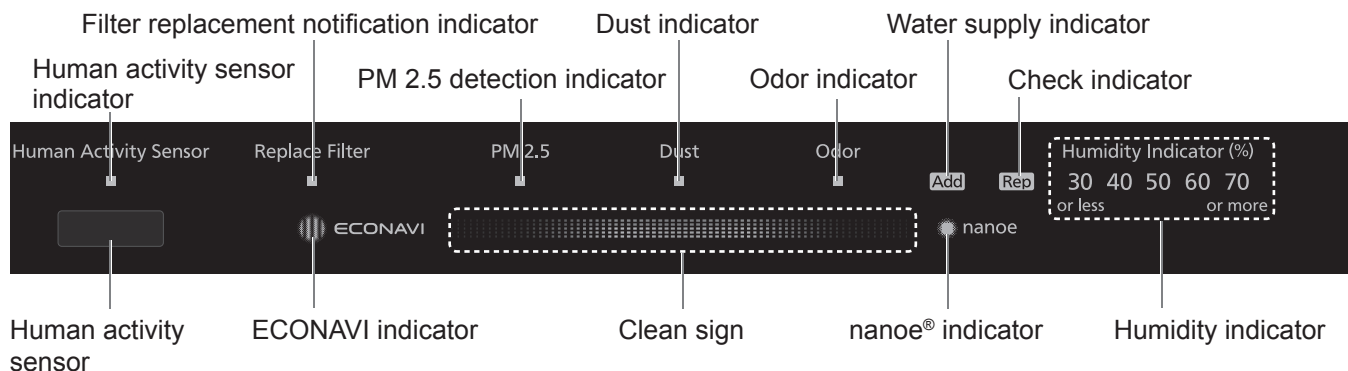


■ Light sensor

Detecting indoor brightness with the "Light sensor", the product adjusts the brightness of indicators and the front indication of control panel and adjusts the air volume, automatically. When the room becomes dark, for example during sleep, the product operates "Light sensor mode". (P.21)

(The air volume changes automatically only when the "Air volume" is set to [Auto].)

Front indication



■ Human activity sensor (P.5)

- Detects and notifies the actions of people with a sign (the indicator lit).
- The sensitivity of the sensor can be changed. (P.23 Q13)

■ ECONAVI indicator

- The indicator is lit during ECONAVI mode (P.21).
- ECONAVI mode can be turned off. (P.23 Q17)

■ Filter replacement notification indicator

- The replacement timing for the HEPA composite filter and deodorizing filter are notified with the indicator lit. When the indicator turns on, it is time to replace the HEPA composite filter and deodorizing filter, so please replace the filters. (P.8 to 9)
- After replacing the filters, press and hold **Housekeeping** and **Timer** simultaneously for 3 seconds to reset the product. (The indicator is turned off.) If the product is not reset, it will stop operating 1 week after the indicator turns on.

The "Clean sign" notifies how dirty the air is, and each sign indicates the type of dirt present. The sensitivity of the sensor can be changed. (P.22 Q8)

■ Clean sign

- (Blue): indicates the air is clean.
- (Red·1): indicates the air is slightly dirty.
- (Red·3): indicates the air is dirty.

■ PM 2.5 detection indicator

PM 2.5 detection is indicated by the indicator turning on or flashing. (PM 2.5 includes cigarette smoke, dust and other contaminants of 2.5 µm or less.)

- The "PM 2.5 detection indicator" turns on when PM 2.5 is detected in the air in the room. If the concentration level of PM 2.5 is high, the "PM 2.5 detection indicator" flashes, and an audible alarm (ping ping ping) will beep during operation.
- To immediately remove PM 2.5, press **PM 2.5**. (P.13)

■ Dust indicator

It turns on when dust is detected.

■ Odor indicator

It turns on when odors are detected.

*Depending on the dirt present, only the "Clean sign" may turn on red without any other indicator turning on.

■ nanoe® indicator

- The indicator is lit when nanoe® is generated. (It turns on in all operating modes.)
- nanoe® operation can be turned off. (P.23 Q18)

■ Water supply indicator

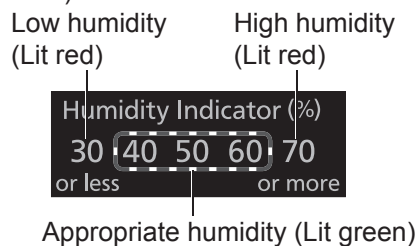
- If there is no more water in the tank when humidification is set, a beeping notification sound is emitted and the "Water supply indicator" **Add** blinks. → Fill the tank with water. (P.9)
- When the "Water supply indicator" **Add** is blinking, the product operates without any humidification.

■ Check indicator

- When the abnormality occurs in the products, the indicator is lit. → When the indicator is lit. (P.25 ⑫)

■ Humidity indicator

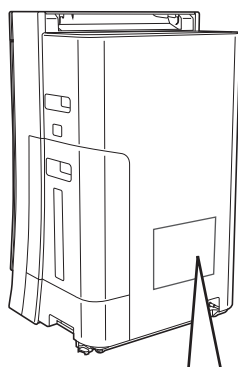
- The indicators are lit even when operation is stopped. (The displayed humidity is just an approximate value, which may differ from the figure displayed on your hygrometer.)



Preparation

Before startup

1 Write down the installation date in the label.



Replacement HEPA composite filter

Part No. **F-ZXRP70Z**

Date installed:

Replacement deodorizing filter

Part No. **F-ZXRD70Z**

Date installed:

Replacement humidifying filter

Part No. **F-ZXKE90Z**

Date installed:

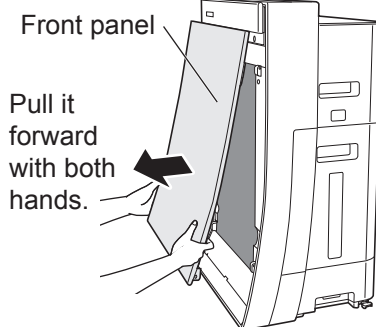
Attention

- Be sure to read P.2 to 4 before installation.

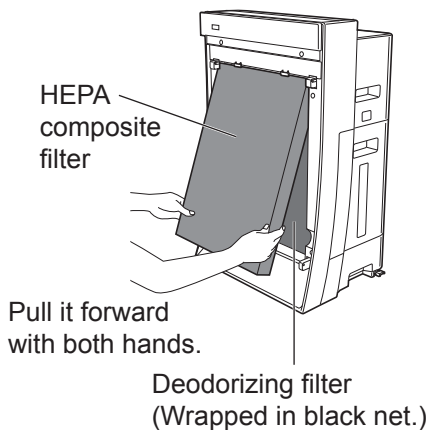
Install the filters

2 Remove the deodorizing filter from the poly bag.

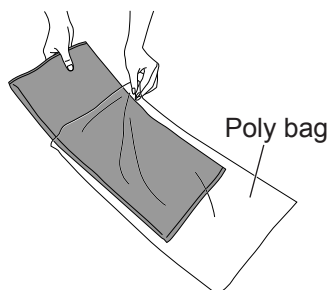
① Remove the front panel.



② Remove the filters (2 types).



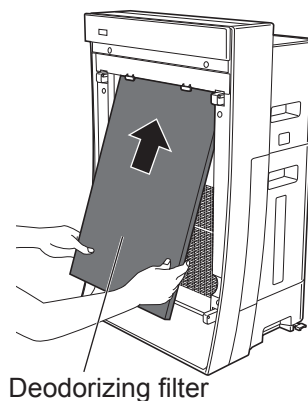
③ Remove the deodorizing filter from the poly bag.



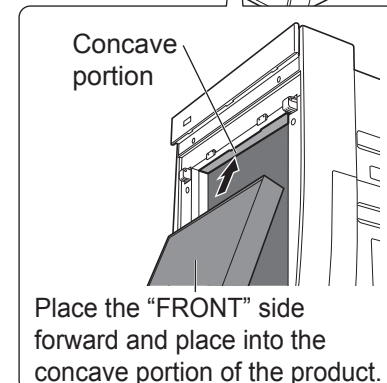
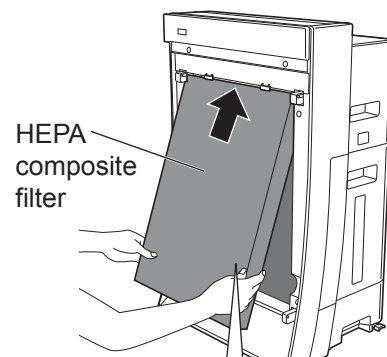
*Do not remove the black net of the deodorizing filter.

3 Install the filters (2 types) and the front panel.

① Install the deodorizing filter. (It can be installed in any direction.)



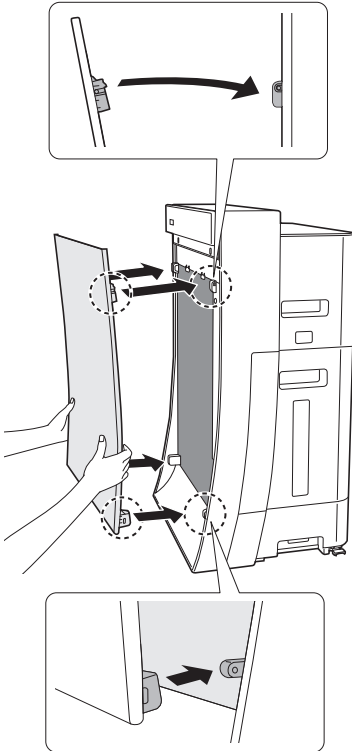
② Install the HEPA composite filter. (Install in the correct direction.)



Fill the tank with water

Turn on

③ Install the front panel.



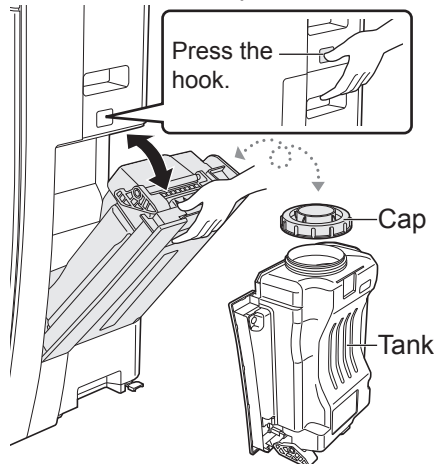
*Be sure to attach the front panel before use.

4 Remove the tank, fill it with water, and install it back.

(Not required when humidification is not used.)

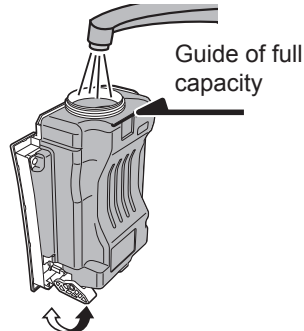
- Be sure to disconnect the power plug before water supply the product.

① Press the hook to remove the tank, and remove the cap.



Flip the tank upside down when filling with water or returning the tank.

② Fill with water.

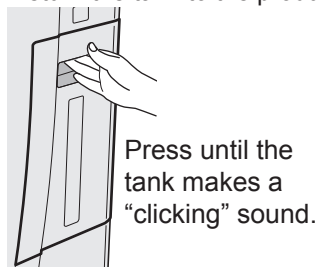


The tank can be supported using the tank stand. (Rotate the tank stand.)

③ Firmly tighten the cap.

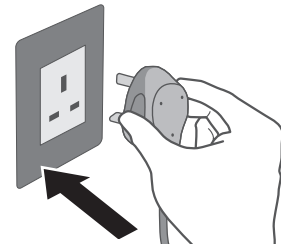
- Hold the tank firmly to prevent it from toppling over.

④ Return the tank to the product.



5 Connect the power plug.

(Wipe the water off the power plug and your hands before inserting it.)



- Inserting the power plug turns on the "Humidity indicator" (P.7). Displaying the general level of the current humidity.
- Press **Power Off/On**, and the "Clean sign" (P.7) blinks blue or red for about 5 seconds. The odor sensor takes this moment as the baseline for the level of cleanliness, so it is recommended when the air in the room is clean (such as when there is no cigarette smoke). (The odor sensor baseline is updated automatically depending on the level of cleanliness in the room.)

■ Be sure to use the tap water

(This is because tap water is normally chlorine-disinfected to prevent breeding of bacteria.)

● Do not use the following water:

- Warm water that is 40 °C or more, or water that contains detergent. (Otherwise, deformation or failure may occur.)
- Water mixed with chemicals, air fresheners, or essential oil. (It may damage the tank and cause spillage or wet the furniture. → P.4)
- Water from water purifier, ionized alkaline water and well water. (It may cause mold or bacteria.)

Attention

- If you have to use the well water (drinkable), please maintain and clean the tray, the humidifying filter set, the anti-fungus assembly more frequently.

■ Continuous operation time of a tank of water

- Operates for about 4.6 hours. (When the product is operating with "Air volume" set to [H (High)], and the room temperature is 20 °C and humidity is 30%)

Operating methods

Start operation



1

Press **Power Off/On**.

When the product is used for the first time, it operates with “Humidification” set to [M (Medium)], and “Air volume” and “Airflow” both set to [Auto]. When using the product for the second time onwards, operation will resume using the same settings when it was previously turned off.

● Humidification does not operate if there is no water.

(“Water supply indicator” **Add** is blinking.)

To enable humidification, fill the tank with water. If humidification is not required set “Humidification” to OFF. (“Humidity indicator” is turned off.) When there is no water in the tank or “Humidification” is set to OFF, the product will operate in clean air mode.

2

Selecting operating settings

Humidifying : Set humidification. (P.11)

Air Volume : Set the air volume. (P.12)

Airflow Mode : Set the airflow. (P.12)

Changing the operating mode

PM 2.5 : Operate in “PM 2.5” mode. (P.13)

Housekeeping : Operate in “Housekeeping Assist” mode. (P.14)

Setting the timer or locking the product

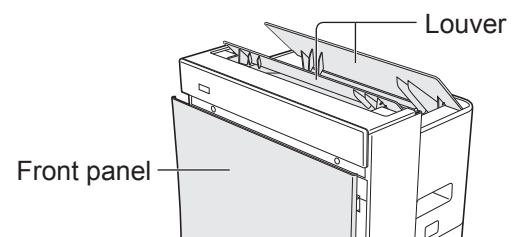
Timer : Set the timer or activate the child lock. (P.13)

3

Press **Power Off/On** to stop operation.

Attention

- Do not move the front panel or louver with hands during operation. (Doing so will change their angle or range of movement.)
→ If they have been moved with hands, stop the product operating once.
(Resuming operation will return to normal conditions.)



Humidification

Set humidification

Cleaning the air while humidifying

● Operation when the “Air volume” is set to [Auto].
Operation under other conditions are *1 *2.

Humidifying

Each press of the button will switch the air volume setting.
(The indicator is lit.)

■ To cancel
Press

Humidifying

 until the indicator turns off.

Beep

M

Maintaining a comfortable humidity level

about 50%

Beep

H

When dry air is a concern, or to humidify the air quickly

about 60%

Long beep

OFF

Humidification is not required
(It operates in clean air mode.)

Beep

L

Using humidification at low humidity levels

about 40%

*1 If “Air volume” is set to [L (Low)], [M (Medium)] or [H (High)], or if the product is operating with the “Timer” set to [8 Hours (sleep mode)], each press of

Humidifying

 switches between [M (Medium)] and OFF.

*2 Humidification cannot operate if the product is operating in “PM 2.5” mode.

Note

- When the “Water supply indicator”

Add

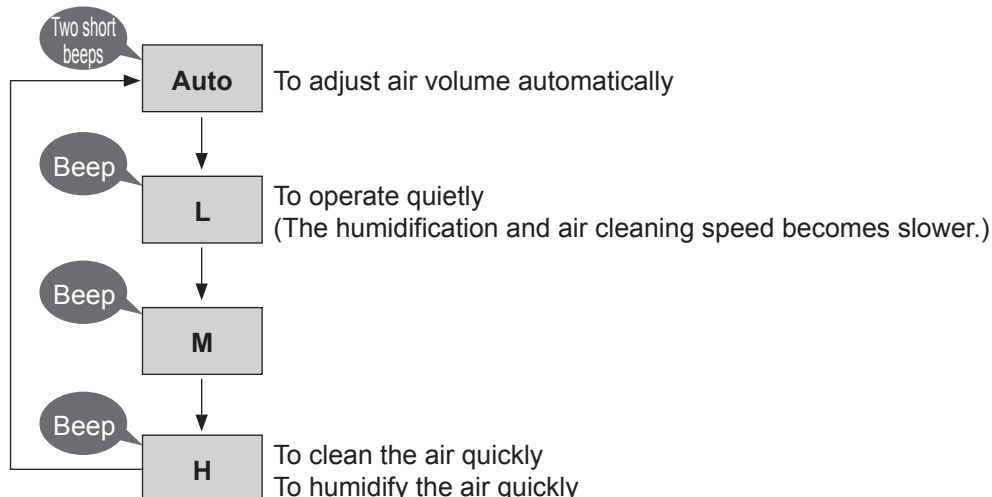
 is blinking, there is no water in the tank, so fill the tank with water.
- If there is water in the tank, there will be slight humidification and water in the tank will decrease, even if “Humidification” is set to OFF. If even slight humidification is not required, discard the water in the tank and tray.

Change the air volume

Operating the product at the desired air volume

Air Volume

Each press of the button will switch the air volume setting.
(The indicator is lit.)



Note

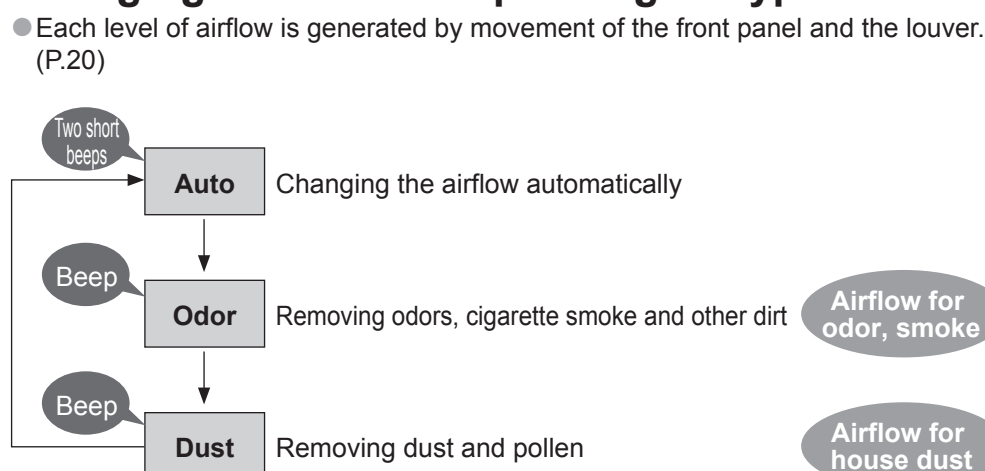
- Setting the “Air volume” to [Auto] changes to ECONAVI mode (P.21).
- If “Humidification” is set to [H (High)] or [L (Low)], setting the “Air volume” to [L (Low)], [M (Medium)] or [H (High)] switches the “Humidification” setting to [M (Medium)]. (See P.11 *1 of “Set humidification”)

Change the airflow

Changing the airflow depending on type of dirt



Airflow Mode


Each press of the button will switch the air volume setting.
(The indicator is lit.)



PM 2.5 / Timer / Child Lock

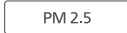
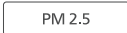
Operate in PM 2.5 mode


(The indicator is lit.)

Press.

■ **To cancel**
Press  again.
(The indicator is turned off.)

Intensively removing PM 2.5

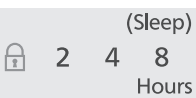

The "Air volume" is set to [H (High)] until the concentration level of PM 2.5 lowers.


- The "PM 2.5 detection indicator" turns on or flashes when PM 2.5 is detected. Pressing  while the indicator flashes will cause the "Air volume" is set to [H (High)] until the concentration level of PM 2.5 lowers. Operation will return to the previous state once the "PM 2.5 detection indicator" stops flashing or turns off. (P.23 Q16)
- Pressing  when the "PM 2.5 detection indicator" is not flashing will cause the "Air volume" is set to [H (High)] for approximately 1 minute. Operation will then return to the previous state if the "PM 2.5 detection indicator" is still not flashing.

Note

- Humidification is not possible. Changing to "PM 2.5" mode while humidification is set will switch the "Humidification" setting to OFF. (See P.11 *2 of "Set humidification")
- The "Timer" cannot be set.
- Changing to "PM 2.5" mode while the product is operating with the "Timer" set will cancel the "Timer".
- Changing to "PM 2.5" mode while the product is operating in "Housekeeping Assist" mode will change to "PM 2.5" mode, and then return to the operating mode before "Housekeeping Assist" mode.

Timer


(The indicator is lit.)

Each press of the button will switch the air volume setting.

■ **To cancel**
Press the  until it is released (The indicator is turned off.).

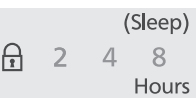
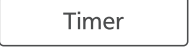
The product stops operating automatically after 2 hours, 4 hours or 8 hours (Sleep mode).

- With the 8 hour timer (Sleep mode), the "Air volume" is set to [L (Low)], the front indication turns off, and the control panel indicator turns half on.

Note

- If the 8 hour timer (Sleep mode) has been set, the operating mode cannot be changed.

Child Lock


(The indicator is lit.)

(Press for approximately 3 seconds.)

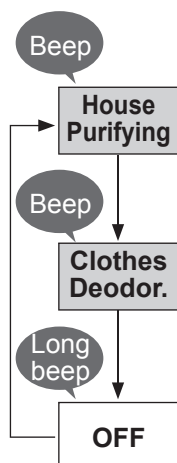
■ **To cancel**
Press for approximately 3 seconds again. (The indicator is turned off.)

To prevent the product from mischief operation by children.
Pressing any button after setting the timer emits a "beep beep" warning sound, and you cannot operate.

Operate in Housekeeping Assist mode

Housekeeping

Each press of the button will switch the air volume setting. (The indicator is lit.)



■ To cancel

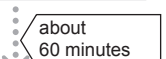
Press until the indicator turns off.

House Purifying

Preparation mode



Cleaning mode



Clean air mode



Operating mode before "House Purifying" mode

Cleaning the room air when no one is present

It cleans dust in the air with House Purifying airflow (P.20). ([Preparation mode] and [Cleaning mode] are available.)

- Setting "House Purifying" mode starts [Preparation mode]. (The air volume operates between "Air volume" settings [M (Medium)] and [H (High)].)
- [Preparation mode] continues for approximately 15 minutes after people leave the room.
- After [Preparation mode] is complete, the product operates in [Cleaning mode]. (approximately 60 minutes*) (The air volume operates with "Air volume" set to [H (High)]). *If dust is detected, the product may operate for 60 minutes or more.
- After [Cleaning mode] is complete, the product switches operation to clean air mode (automatic air volume and airflow). If dust is detected during clean air mode, the product operates in [Cleaning mode] again.

- The product returns to the operating mode before "House Purifying" mode.

Note

- If there are people in the room after [Preparation mode] has started, "House Purifying" mode is canceled after approximately 60 minutes.
- If people enter the room during [Cleaning mode], "House Purifying" mode will end before the 60 minutes have elapsed.
- Pets and other objects may be detected as "People".
- Stopping the "Human activity sensor" allows "House Purifying" mode even while people are in the room. (P.23 Q14)

Clothes Deodor.

To refresh unpleasant odor of clothes

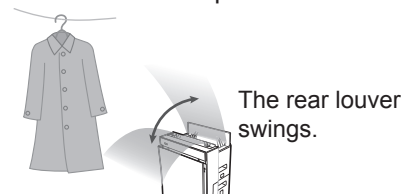
- After 1 hour operation, the product will switch to the previous operation mode.

Note

- You cannot turn off the nanoe® operation.
- The effect varies depending on the ambient environment (temperature and humidity), operating time, or type of odor or textile.

Attention

- Adjust the position of the product in order to expose the clothes to the air from the product.



Note

- "Humidification", "Air volume" and "Airflow" settings are not available during "Housekeeping Assist" mode.
- The "Timer" cannot be set.
- Pressing while the product is operating with the "Timer" set cancels the "Timer".

Care and maintenance

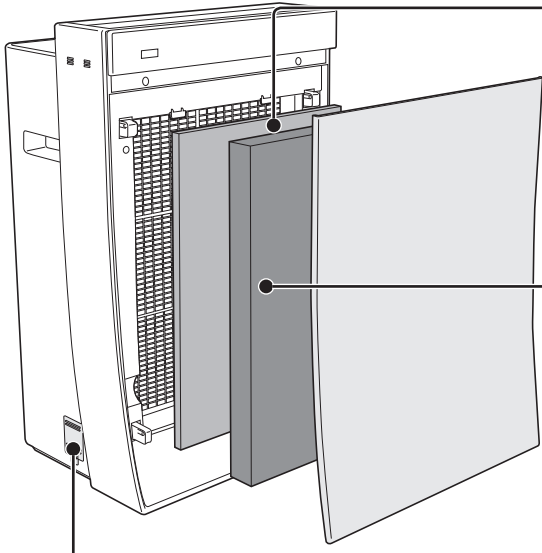
Deodorizing filter / HEPA composite filter / Dirt sensor

Before cleaning

**WARNING**

■ Be sure to disconnect the power plug.

- Do not use the detergents or other substances on the right.
- When using chemically treated cloth, follow its instructions.



Dirt sensor
<about once every 3 months>

Wipe dirt off the lens with dry cotton swab.

- Regularly wipe the lenses (2 locations). (The sensor may not work normally when it is contaminated with moisture or tar of cigarette.)

① Remove the sensor cover.

② Wipe dirt off with dry cotton swab.



- Be sure to disconnect the power plug before cleaning the sensor.
- Do not insert the cotton swab anywhere other than the lens.
- Illuminate the area when you do not see clearly.

When idle for a long time

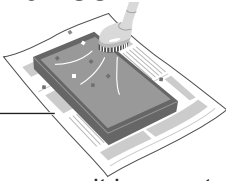
- ① Disconnect the power plug. (The product consumes power even at rest.)
- ② Empty the tank and tray and clean all the parts.
- ③ Dry their interiors completely. (Otherwise, the product may fail due to rust.)
 - Dry the humidifying filter completely in the shade. (Otherwise, fungus may occur.)
- ④ Cover the product with poly-bag, and keep in dry places. (Do not keep it laid down or upside down, otherwise, failure may occur.)

Deodorizing filter
No maintenance required
(Installation and removal→P.8)
If dust has accumulated around the deodorizing filter, remove it with a vacuum cleaner or similar appliance.

- Do not wash with water.

HEPA composite filter
<about once every 2 weeks>

Remove dust on the black surface (the front side) with a vacuum cleaner or similar appliance.
(Installation and removal→P.8)



Lay the filter on newspaper etc.

- Do not apply excessive force because it is easy to be damaged.
- No maintenance is required on the white surface (the rear side).
- Do not wash with water.

Attention

- Do not operate the product with the HEPA composite filter removed. (It may make it impossible to obtain the effect to clean air, or may cause failure due to dusts entering the product.)
- Do not operate the product with the deodorizing filter removed. (Doing so may cause insufficient deodorizing effects.)
- Safely keep the parts removed from the product when cleaning. (Otherwise you may trip over them. Or the parts may be damaged.)

Reference time for the filter replacement
(Service parts: P.25)

	Replacement period	Conditions
HEPA composite filter	Once every 10 years*	When 6 cigarettes have been smoked daily. (Japan Electrical Manufacturers' Association standards JEM1467)
Deodorizing filter		

- *Filter replacement period may be greatly shortened, depending on the use environment and conditions. (For example, smoking is frequent.) When the effect has faded, replace the filter.
- After replacing the filters, press and hold Housekeeping and Timer simultaneously for 3 seconds to reset the product. (The indicator is turned off.)
 - After replacement, fill the date installing the filter in the label and stick it on the back of the product.
 - Dispose of the used filter as inflammable garbage.

Operating methods
Care and maintenance

Care and maintenance (continued)

Body / Front panel /
Tank / Tray /
Anti-fungus assembly

Before cleaning



WARNING

- Be sure to disconnect the power plug.

- Do not use the detergents or other substances on the right.
- You can use the oxygen-based bleaching agent only when cleaning the humidifying filter.
- When using chemically treated cloth, follow its instructions.



Body, Front panel <about once a month>

Wipe with a soft wrung cloth.

(Installation and removal→P.8)

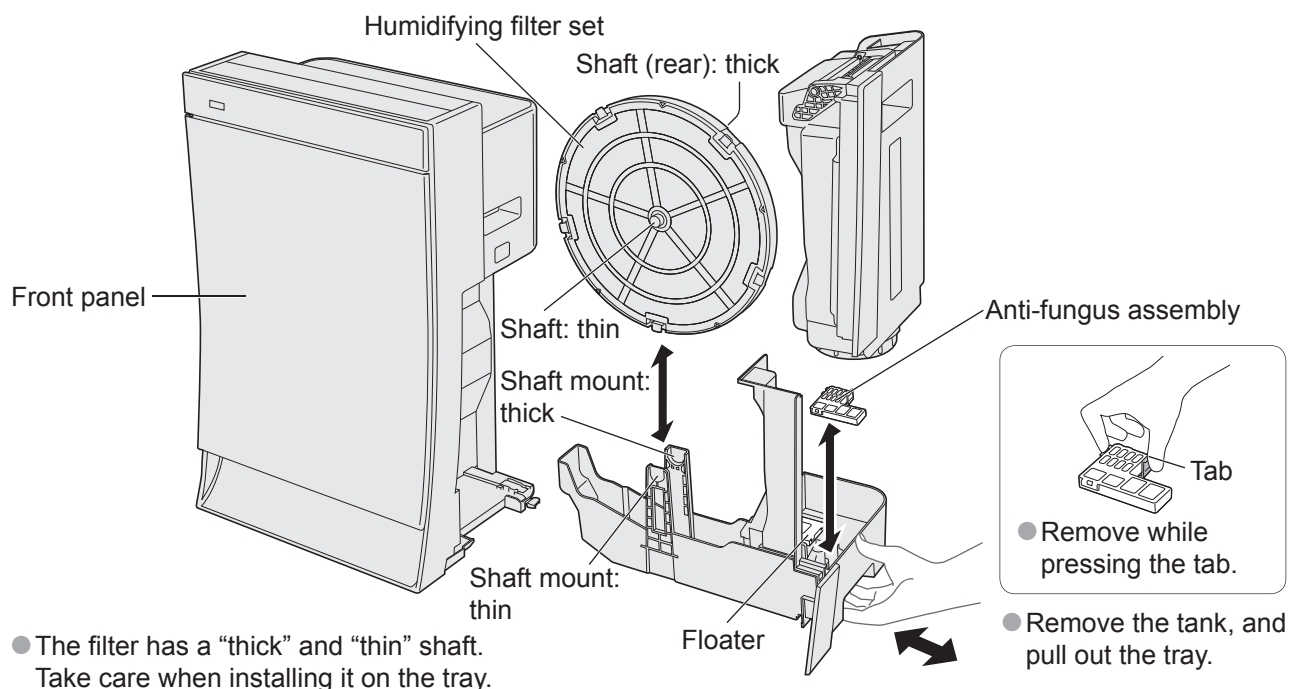
Wiping with hard cloth may scratch the surface.

- Wipe the power plug with dry cloth.

Tank <every day>

Wash with water.

- Stubborn stains
→ See “To remove the stubborn stains”.
(P.17)



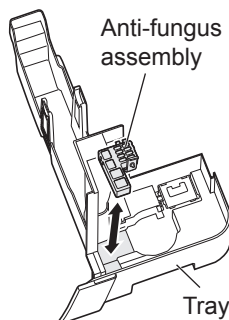
Anti-fungus assembly <about once a month*1>

Soaking.

- See “To remove the stubborn stains”. (P.17)
- Do not scrub with a brush or disassemble the anti-fungus assembly.
- Install it into the tray groove so that it is level.

Note

- The anti-fungus assembly may have powder. This is normal and it performs without problem.
- The anti-fungus agent will become smaller over time. This is normal and it performs without problem.
- The anti-fungus agent has a peculiar smell. It is not harmful.



Tray

<about once a month*1>

Remove the anti-fungus assembly, wash with water.

- Wipe the dirt in details with cotton swab or toothbrush.
- Do not remove the floater (polystyrene foam).
→ If it comes off (P.18)
- Stubborn stains
→ See “To remove the stubborn stains”. (P.17)

*1 As the dirtiness varies depending on the water quality, maintenance may be required even within one month after the last maintenance. If it smells unpleasant or water in the tank decreases less than before, clean the tank.

Humidifying filter set

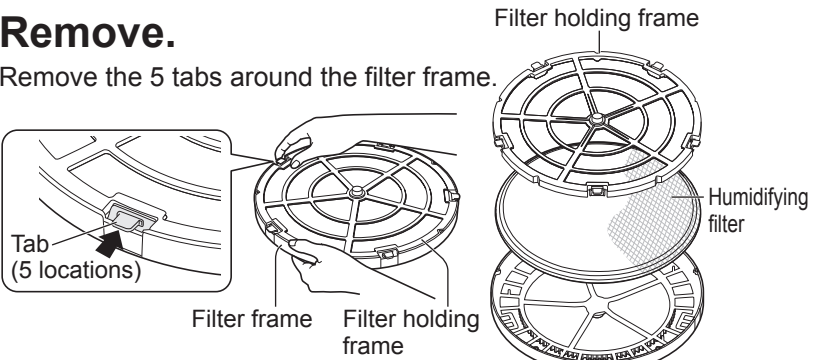
Attention

- Do not operate without the humidifying filter. (It makes it impossible to obtain the effect to humidify air.)
- Do not operate the product with the anti-fungus assembly removed. (Doing so may cause insufficient anti-fungus effects.)
- Drain after removing the tray. Do not drain with the tray installed. (Water may enter inside the body, and failure may occur.)

Humidifying filter set <about once a month*1> (When operated for 8 hours per day)

1 Remove.

Remove the 5 tabs around the filter frame.



2 Wash.

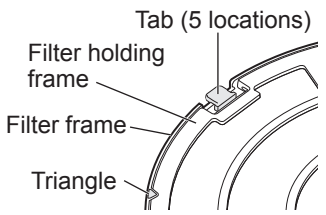
Wash the Humidifying filter with clean or warm water.

- Do not scrub with brush or do not wash with washing machine.
- Do not dry with dryer. (It may cause shrinkage.)
- Wash the filter frame and filter holding frame with water.
- When persistent dirt or odors are a concern → See “To remove the stubborn stains”.



3 Return.

- ① Insert the humidifying filter into the filter frame.
(The humidifying filter does not have a front/rear.)
 - Ensure that the humidifying filter does not protrude from the filter frame or become wrinkled.
(Failure to do so may reduce the amount of humidification.)
- ② Align the filter holding frame with the filter frame, and press in all 5 tabs.
(Align the triangle lugs with the triangle notches.)
 - If the humidifying filter is to be used immediately after washing, it can be installed while still wet. If the product is going to be stored, ensure that the humidifying filter has dried out sufficiently before putting it back into the product.



Note

- The humidifying filter may shrink if it is not cleaned.

Reference time for the filter replacement

(Service parts: P.25)

Humidifying filter	
Replacement period	Conditions
Once every 10 years*2	Based on 8 hours operation daily

- *2 The service life of the humidifying filter varies depending on water quality. In any of the following cases, replace it.
- Odor is not removed after cleaning.
 - The water in the tank does not decrease.
 - It is seriously damaged.
- After replacement, fill the date installing the filter in the label and stick it on the back of the product.
- Dispose of the used filter as inflammable garbage.
- Do not discard the filter frame and filter holding frame.**

Care and maintenance

To remove the stubborn stains

•Tank	•Tray	Wash with water containing the neutral detergent for kitchen purpose or citric acid.
•Filter frame		
•Filter holding frame		
•Anti-fungus assembly		Soaking
•Humidifying filter		After soaking, press and wash.*3

<How to soak and wash>

- ① Dissolve neutral detergent for kitchen purpose or citric acid well in warm water (below about 40 °C).
- ② Soak the parts for 30 minutes. Rinse with clean water 2 to 3 times.
 - Rinse enough, otherwise, the remaining detergent may smell or failure may occur.

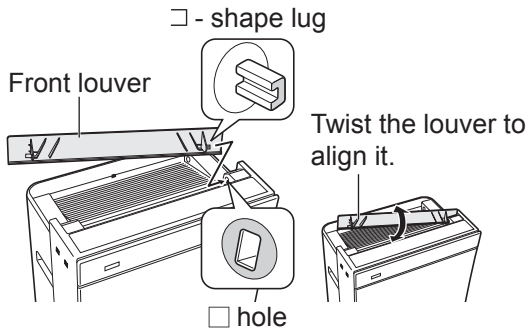
*3 If odors are present, leave only the humidifying filter to soak in oxygen bleach.
(For use amount, follow its instructions.)

•The ratio of citric acid to warm water is 20 g to 3 L.

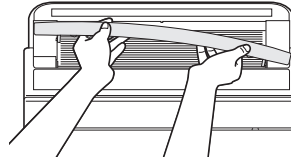
When the louver comes off

Louver installation

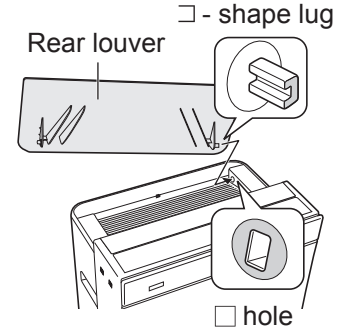
- 1** Insert the □ - shape lug of the louver into the hole on the right side of the product.



- 2** Bend the middle of the louver slightly and insert the left side in the same way.



- 3** Insert the rear louver in the same way.

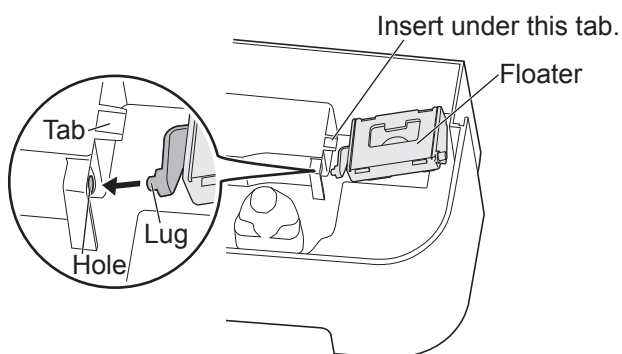


Take care to ensure that the front and rear louvers are installed correctly.

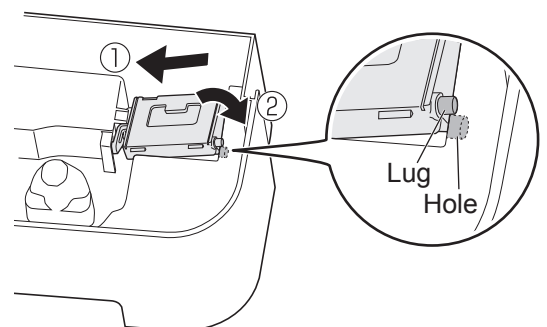
When the floater comes off

Floater installation

- 1** Insert the lug of the floater into the hole of the tray.



- 2** ① While pressing in the direction of the arrow, ② Insert into the hole on the other side of the tray.



Further information

About “nanoe®”

Generating environment of nanoe®

- nanoe® is generated using the air in the room and hence, depending on the temperature and humidity, nanoe® may not be generated.
- Generation conditions: Room temperature: approximately 5 °C to 35 °C
Relative humidity: About 30% to 85%
(Dew-point temperature: approximately 2 °C or higher)

A small amount of ozone is generated.

- When nanoe® is generated, small amount of ozone will be released. However, the quantity will be at the usual level in forest or natural environment, and not harmful to human beings.

■ About “nanoe®”

The nanoe®, generated from the most advanced nanotechnology, is a kind of a nano-sized ion particle coated with water particles.

With nanoe® technology, the effect of sterilization**1, inhibiting allergic substance (pollen)*2, fungi elimination*3 and deodorization*4 can be achieved. Furthermore, it creates an atmosphere for beautiful, moisturized skin.



★<Airborne fungi> Effect after operating for 4 hours in a 25 m³ area.

★<Adhering bacteria> Effect after operating for 8 hours in a 23 m³ area.

*1 <Airborne fungi>

- Testing trustee: Kitasato Research Center of Environmental Sciences
- Test method: Directly expose and measure the fungi count collected in a test space of 25 m³.
- Inhibiting method: Emitting nanoe®
- Target: airborne fungi
- Test outcome: Eliminated 99% and above in 4 hours. [Test number 24_0301_1]

<Adhering bacteria>

- Testing trustee: Japan Food Research Laboratories
- Test method: Suspend bacteria in the test chamber of 23 m³ and measure the bacteria count adhered to a cloth.
- Inhibiting method: Emitting nanoe®
- Target: bacteria that was ingrained in standard cloth
- Test outcome: Inhibited 99% and above in 8 hours. [No. 13044083003-01]
Test conducted on only 1 type of bacteria

- *2 ● Testing organization: Panasonic Corporation Analysis Center
- Test method: Measure allergens adhered to a cloth with ELISA method in the test chamber of 23 m³.
- Inhibiting method: Emitting nanoe®
- Target: adhered allergic substance of pollen
- Test outcome: Inhibited 88 % and above in 8 hours. [BAA33-130402-F01]

- *3 ● Testing trustee: Japan Food Research Laboratories
- Test method: Confirm fungi adhered to a cloth in the test chamber of 23 m³.
- Inhibiting method: Emitting nanoe®
- Target: adhered fungi
- Test outcome: Confirm the effect in 8 hours. [No. 13044083002-01]

- *4 ● Testing organization: Panasonic Corporation Analysis Center
- Test method: Conduct verification using six grades odor intensity measurement method in the test chamber of 23 m³.
- Deodorizing method: Emitting nanoe®
- Target: adhered cigarette odor
- Test outcome: Odor intensity drops 1.2 grades within 2 hours. [BAA33-130125-D01]

- This is nanoe® device verification result, it is different from the verification of this product.
- The actual effect differs depending on the surrounding environment (temperature / humidity), operation time, or type of odor / textile.
- This product is not a medical equipment.

Further information (continued)

Type of airflow

Automatic airflow

The product adjusts the airflow to suit the type of dirt in the air for more efficient dust collection.

■ Air cleanliness and movement of the louvers and front panel

The product operates by moving the louvers and front panel to the optimum position to suit the type and concentration of dirt.

Air cleanliness	Clean sign	Louver movement (A to E in right image)	Front panel
Clean	Blue	(A) (It swings slowly.)	Closed
Odors or smoke detected	Red	(B)	Opens frontward
House dust detected		(C)	Bottom opens frontward
Odors or smoke and house dust detected		(D)	
PM 2.5 detected		(E)	Opens frontward

- When PM 2.5 and other dirt are detected at the same time, the product moves as shown in either (B), (C) or (D).
- When the air in the room is clean, the product may remain in standby mode with the louvers closed.

House Purifying airflow

When operating in clean air mode with “Air volume” set to [H (High)], the product collects dust in the air intensively by moving the louvers.

■ Movement of the louvers and front panel

Mode	Louver movement (A, C in right image)	Front panel
Preparation mode	(A) or (C)	Bottom opens frontward
Cleaning mode		

PM 2.5 airflow

The product operations with powerful suction with airflow suited to PM 2.5.

■ Movement of the louvers and front panel

Mode	Louver movement (B in right image)	Front panel
PM 2.5	(B)	Opens frontward

Manual operation

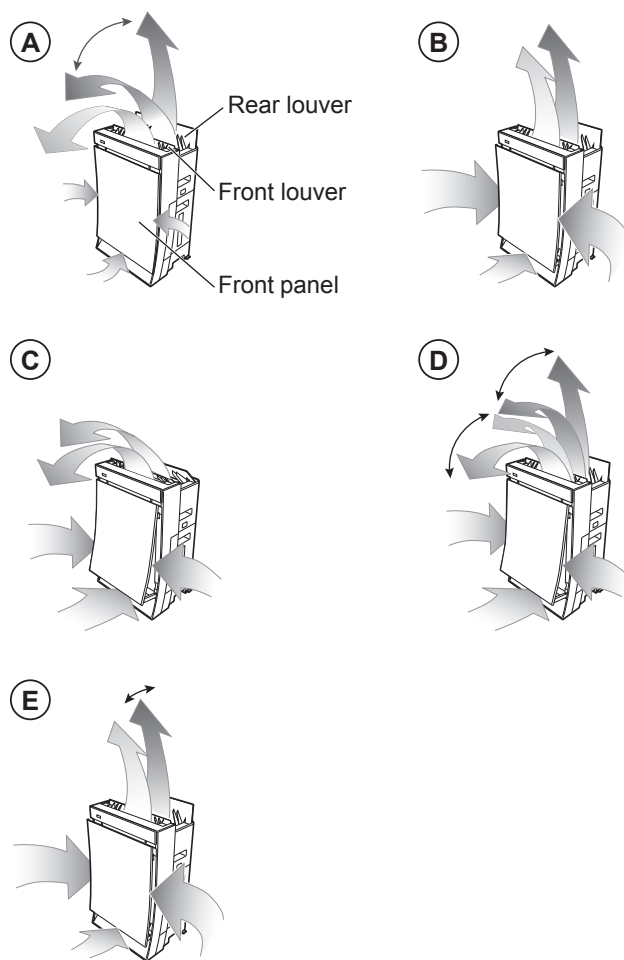
Odor

Odors or smoke in the air are sucked in efficiently from around the entire front panel. Use this mode to intensively remove odors or smoke after cooking or smoking. (Louver movement (B))

House dust

House dust such as pollen that collects on the floor is sucked in efficiently mainly through the bottom of the front panel. Use this mode when concerned about house dust, such as hay fever season. (Louver movement (C))

■ Louver movement



- When the “Air volume” is set to [H (High)], the product operates with the front panel open.
- The product operates with the front panel open for 10 minutes after starting operation.

Functions of the anti-fungus assembly

Keeps the inside of the tray clean.

Testing trustee: Boken Quality Evaluation Institute
Anti-fungus method: Install the anti-fungus assembly to the tray.
Test outcome: Confirm that inhibited. [No. 09006504-1]

Test method: Verify the method to prevent mold bacteria (Halo method).
Target: Humidifying filter in the tray

Functions of the HEPA composite filter

The “SUPER alleru-buster” embedded within the HEPA composite filter inhibits allergens (pollen, dead bodies and excreta of mites), bacteria and mold spores.

■ “SUPER alleru-buster”: inhibits allergens (pollen, dead bodies and excreta of mites).



Testing trustee: Osaka Municipal Technical Research Institute
 Test method: verify the reduction in refined mite allergens with the enzyme immunoassay method
 Inhibiting method: contact with “SUPER alleru-buster”
 Target: allergens (mites, pollen) trapped by the filter
 Test outcome: inhibited 99% and above, [OMTRI Report No. 2127]

■ The HEPA composite filter may emit certain odors associated with “Green Tea Catechin”, “Anti-bacteria Enzyme” and “SUPER alleru-buster”, but these are harmless.

About Light sensor mode

Detecting indoor brightness with the “Light sensor”, the product adjusts the brightness of indicators and the front indication of control panel and adjusts the air volume, automatically. (The initial setting is “Light sensor 1”.)

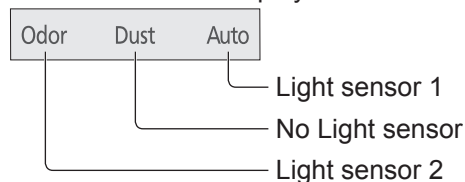
● The brightness of the front indication in “Light sensor mode” can be changed.

① Stop operation, then press and hold  and  simultaneously. (“Airflow indicator” is lit in order.)

② Release the buttons when the brightness reaches you want.

● The air volume changes automatically only when the “Air volume” is set to [Auto].

“Airflow indicator” display:



Light Sensor Setting	Display	Indoor brightness	
		dim	dark
Light sensor 1	Control panel	All on	Half on
	Front indication	Half on	Off
Light sensor 2	Control panel	All on	Half on
	Front indication	Half on	
No Light sensor	Control panel	All on	
	Front indication		

About ECONAVI mode

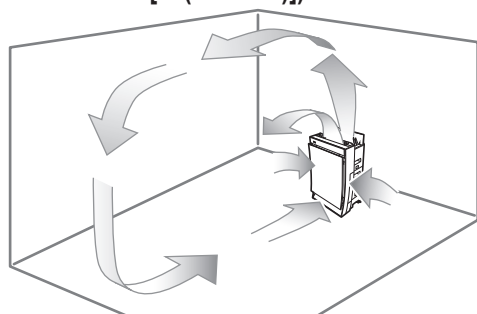
An automatic operating mode with the “Air volume” is set to [Auto]. This mode is a combination of “Patrol mode” that detects dirt in the air of the room every hour, and “Learning mode” that learns when dust is likely to be generated in advance from the daily dirt generation patterns.

It saves power by stopping operation automatically when the air is clean. Meanwhile, the product will operate in advance to eliminate the dirt effectively before spreading, thus reducing the operation time.

The power saving effect is different depending on the installation environment and the usage.

Patrol mode

The product pauses automatically when the air is clean, and after remaining paused for 55 minutes, “Patrol mode” (“Air volume” set to [M (Medium)]) starts for 5 minutes.



- While the operation is paused and in the patrol mode, if the dirt is detected, the product will operate with the air volume corresponding to the level of dirtiness.
- When humidification is set, the product may operate depending on the level of humidity in the room, regardless of whether the air there is clean.

Learning mode

During operation, the product memorizes the time and dirtiness level, and the next day, it will run the preventive operation 5 minutes before the memorized time.

(The memory is updated every day. If it is disconnected, the previous memory is erased.)

When you feel confused

Further information (continued)

Functions of the odor sensor, dirt sensor

The sensor detects dirt in the air, and the “Clean sign” indicates how dirty the air is. When “Air volume” and “Airflow” are set to [Auto], the air volume and airflow are adjusted to the optimum level to suit the type of dirt in the air.

- The product may not sense the dirt depending on airflow, for example, when a heater is placed nearby.

Type	Detect	May detect
Odor sensor	<ul style="list-style-type: none"> •Odors from cigarettes, incense, cooking, pets •Perfumes, alcohol, sprays, etc. 	<ul style="list-style-type: none"> •Steam (water vapor), oil smoke •Wind when opening and closing doors, sudden changes in temperature, etc.
Dirt sensor	<ul style="list-style-type: none"> •PM 2.5 (smoke of cigarette, dust, etc.) •House dust (dust, dead bodies and excreta of ticks, mold spores, pollen) •Smoke (cigarette, incense, etc.) 	<ul style="list-style-type: none"> •Oil fumes, water vapor

FAQs

Please confirm the following before you contact us for repair.

Q1 The air is cold during humidifying?

A

- When humidification is set, moisture is generated as air passes through the humidifying filter that contains water. This moisture removes heat in the air, and as a result, the discharged air is at a lower temperature than the air in the room.

Q2 There is no steam during humidifying?

A

- This product generates moisture by blowing the humidifying filter containing water, not by boiling the water, and hence does not generate the steam.

Q3 The humidifying amount is reduced?

A

- In rainy season with high humidity or in cold weather, the humidifying amount decreases as you can see, for example, the washed clothes are difficult to dry. The humidifying amount changes depending on the room temperature and humidity, and increases when the weather is warm and dry.

Q4 The “Humidity indicator” does not change?

A

- The “Humidity indicator” remains **70 or more**
 - The product may not sense the humidity correctly depending on the installation place.
→ Change the installation place. (P.4)
- The “Humidity indicator” remains **30 or less**
 - The room size may be too large for the product?
→ Refer to the applicable floor area. (P.50)

Note

- Use the “Humidity indicator” only as a reference.
- It may be different from the display of the household hygrometer.
- The humidity value will vary with the temperature.
- The humidity may also vary with the airflow condition.

Q5 A buzz is heard from the air outlet?

A

- The noise comes from nanoe® generation is normal. The noise may seem louder or become silent depending on the usage environment or operating mode, but this is not a malfunction.

Q6 The humidifying filter is discolored?

A

- The filter may be discolored depending on the water quality. This will not affect the performance.

Q7 Dew condensation is on windows or walls?

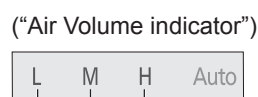
A

- Even if the humidity in the room is moderate, there may be dew condensation on a cold window or wall.

Q8 The “Clean sign” does not change? The front panel remains open? (Change the sensitivity of the sensor)

A

- Such problems are likely to occur when the sensitivity of the sensor is low/high. You can change the sensitivity as you want. (The initial setting is [Medium].)
- ① Stop operation, then press and hold **PM 2.5** and **Air Volume** simultaneously. (“Air Volume indicator” are lit in turn.)
 - ② Release the buttons when the sensitivity you want is obtained.



High: To set high sensitivity

Medium: To set medium sensitivity

Low: To set low sensitivity

Q9 Turning the front indication off.

A

- The front indication can be turned off.
 - Press **Air Volume** and **Humidifying** simultaneously and hold for approximately 3 seconds while the product is operating or off. (The front indication is turned off.)
 - To turn on again, press the buttons simultaneously and hold for 3 seconds again. (The front indication is lit.)

Q10 The front indication turns off while the product is operating.

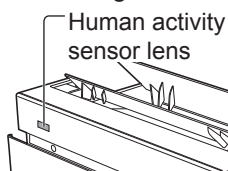
A

- In “Light sensor mode”, the “Light sensor” detects the brightness in the room and automatically adjusts the brightness of the front indication. If the product is operating with “Light sensor 1”, the front indication turns off when the room becomes dark. (The “Humidity indicator” turns half on.) (P.21)

Q11 The “Human activity sensor” does not detect anything?

A

- The “Human activity sensor” does not operate for 2 minutes after inserting the power plug as the product is warming up.
- The “Human activity sensor” cannot detect people outside of its range of detection, or if there is furniture or other objects in the way.
- The sensor may have difficulty detecting people due to the temperature difference between people and the surrounding area, or if the people are not moving much.
- Is the “Human activity sensor” lens dirty?
→ Remove any dirt with a cotton swab.



Q12 The “Human activity sensor indicator” turns on even when no one is moving.

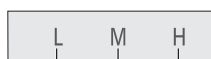
A

- If there are changes in temperature, such as when an oscillating heater is used, the sensor may detect movement even if there is no one moving.

Q13 To turn off the “Human activity sensor” detection. (Change the sensitivity of the sensor)

A

- The sensitivity of the “Human activity sensor” can be changed. (The initial setting is [Standard].)
- ① Stop operation, then press and hold **Airflow Mode** and **Housekeeping** simultaneously. (“Humidity indicator” is lit in order.)
- ② Release the buttons when the sensitivity you want is obtained. (“Humidity indicator”)



High: To set high sensitivity
Standard: To set ideal sensitivity
OFF: To stop detection

Q14 Using “House Purifying” mode when people are in the room.

A

- ① Turn off the “Human activity sensor” detection. (Q13)
- ② Set the product to “House Purifying” mode. The product operates in [Preparation mode] for approximately 5 minutes, and [Cleaning mode] for approximately 60 minutes. After [Cleaning mode] is complete, the product switches operation to clean air mode (automatic air volume and airflow). If dirt is detected, the product operates in [Cleaning mode] again.
- ③ To end, press **Housekeeping** to cancel “House Purifying” mode. The product returns to the operating mode before “House Purifying” mode.

Q15 There is dust in the room even after running “House Purifying” mode.

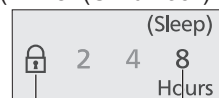
A

- “House Purifying” mode cleans dirt in the air, and cannot remove dust on the floor.

Q16 “PM 2.5 detection indicator” does not flash? (Change the PM 2.5 sensitivity)

A

- The PM 2.5 sensitivity can be changed. (The initial setting is [Standard].)
- ① Stop operation, then press and hold **Housekeeping** and **Air Volume** simultaneously. (“Timer (Child Lock) indicator” is lit in order.)
- ② Release the buttons when the sensitivity you want is obtained. (“Timer (Child Lock) indicator”)



Standard: To set ideal sensitivity
High: To set high sensitivity

Q17 Turning off ECONAVI mode.

A

- ECONAVI mode can be turned off.
 - Press **Airflow Mode** and **Air Volume** simultaneously and hold for approximately 3 seconds while the product is operating with the “Air volume” setting to [Auto]. (The “ECONAVI indicator” is turned off.)
 - To restart ECONAVI mode, while the product is operating with the “Air volume” setting to [Auto], press the buttons and hold for 3 seconds again. (The “ECONAVI indicator” is lit.)

Q18 Turning off nanoe®.



A

- nanoe® operation can be turned off.
 - During operation, press **PM 2.5** and **Humidifying** simultaneously and hold for 3 seconds. (The “nanoe® indicator” is turned off.)
 - To restart nanoe® operation, press the buttons and hold for 3 seconds again. (The “nanoe® indicator” is lit.)

Troubleshooting

If a problem has occurred, investigate it by referring first to the table below. If the problem still persists, please disconnect the power plug and contact an authorized service center for a check or repair.

Symptom	Please check the following:
①The “Clean sign” remains red even when the operation continues.	<ul style="list-style-type: none"> ● The indicator may illuminate red when the product is exposed to steam in the bathroom or vapor emitted from sprayers. ● Are there external dusts such as yellow sand entering the room? ● Is the dirt sensor dirty? (P.15)
②The “Clean sign” remains blue even when the air is dirty.	<ul style="list-style-type: none"> ● Has the product been placed in an area that makes it difficult to suck in dirt, or in a room larger than the applicable floor area? (P.4, P.50) ● Is the dirt sensor dirty? (P.15)
③Polluted air is difficult to be removed.	<ul style="list-style-type: none"> ● Is the HEPA composite filter dirty? (P.15) → Clean it. If the symptom persists, replace it with the new one.
④The product makes a noise.	<ul style="list-style-type: none"> ● The sound of dripping water can sometimes be heard as the humidifying filter set rotates, but this is not a malfunction. ● A bubbling sound can be heard as water drains out of the tank, but this is not a malfunction. ● A noise can be heard when the front panel or louvers move, but this is not a malfunction. ● Are the 5 tabs around the filter frame of the humidifying filter set secure? (P.17)
⑤The air volume is small.	<ul style="list-style-type: none"> ● Are the humidifying filter set or HEPA composite filter dirty? (P.15 and P.17) → Clean them. If the symptom persists, replace them with the new ones.
⑥The odor from the product is unpleasant.	<ul style="list-style-type: none"> ● Is the main body, the front panel or the filter dirty? → Clean them. If the symptom persists, replace them with the new ones. (P.15) ● Is the tank, tray or the humidifying filter dirty? (P.16 and P.17) ● Is water in the tank replaced with fresh tap water every day? (P.3) ● If humidification is not required, discard the water in the tank and tray. ● If the product is used in a room where people smoke or barbecue, a shorter replacement cycle of filters may be required. (P.15) → When the product is used in such environment, we recommend that you use the ventilation system of the room simultaneously.
⑦The water amount in the tank does not decrease. There is no humidification even though the “Humidity indicator” is lit.	<ul style="list-style-type: none"> ● Is the “Humidification” set to OFF? → Humidification will not operate unless “Humidification” is set to a position other than OFF. ● Is the tray installed completely? ● Is the humidifying filter installed properly? (P.17) → When the humidifying filter is installed incorrectly, the product will sound abnormally, and not humidify. ● Is the humidifying filter set dirty? (P.17) ● Has the anti-fungus assembly been installed correctly? (P.16)
⑧The humidity does not increase.	<ul style="list-style-type: none"> ● The room size may be too large for the product? (P.50) ● Is the room ventilated or having a carpet on the floor? → A carpet floor or some types of ventilation and floor/wall materials may prevent smooth humidification.
⑨There is condensation inside the tray.	<ul style="list-style-type: none"> ● Immediately after the product stops operation or when the room is cold, there may be condensation. This is normal.

Symptom	Please check the following:
⑩The “Water supply indicator” is blinking. 	<ul style="list-style-type: none"> ● Is the tank filled with water? → To continue humidifying, fill the tank with water. (P.9)
⑪The “Water supply indicator” Add is blinking even though there is water in the tank.	<ul style="list-style-type: none"> ● Is the tray installed completely? ● Is the product inclined? → Place the product on the flat and stable platform or floor. ● Is the float properly installed? (P.18)
⑫The “Check indicator” blinks. 	<ul style="list-style-type: none"> ● Is the product fell down? → ① Disconnect the power plug. ② Raise the product. (Wipe off the spilled water.) ③ Leave the product more than half a day without operation. (Dry the interior of the product completely, if water enters inside.) ④ Reconnect and turn on the product. ● Has the product been shaken, inclined, or given impact? → Disconnect and connect the power plug again. ● Have magnets, metallic objects or similar objects been placed on the product? → Disconnect and connect the power plug again.
⑬The product does not operate.	<ul style="list-style-type: none"> ● Has the “Filter replacement notification indicator” lit? (P.7)

Contact an authorized service center immediately in the following case.

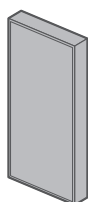
⑭“Check indicator” Rep is lit and all “Air Volume indicator” are blinking.	<ul style="list-style-type: none"> ● Failure has occurred. → Disconnect the power plug and contact an authorized service center for a check or repair.
⑮All the indicators on the control panel are blinking.	

When you feel confused

Service parts

- Replacement HEPA composite filter

Part No. F-ZXRP70Z



- Replacement deodorizing filter

Part No. F-ZXRD70Z



- Replacement humidifying filter

Filter frame and filter holding frame are not included.
Part No. F-ZXKE90Z



安全注意事項

請務必遵守

- 如果機器的電源線損壞了，必須委託該機器的製造廠商，維修服務中心或有資格的技術人員替您更換以防發生危險。
- 此機不適合傷殘人士、知覺障礙人士、智力障礙人士或兒童自行操作。如有安全負責人在場監督及提供指導下協助操作此機，則屬例外。
- 請勿讓兒童擅自操作本產品。
- 維護保養前或加水時，請務必拔下電源插頭。
- 清潔和除垢詳情請參照「維護保養」。關於加水詳情請參照「準備」。

為了避免對您自己或其他人造成可能的傷害或財物損害，請務必注意以下安全注意事項。

■無視或錯誤理解這些標誌，會產生下列 2 種情況。



警告

本標誌所表示的內容為“可能造成人員死亡或重傷”。



注意

本標誌所表示的內容為“可能造成人身輕傷或財物損害”。

■務必遵守的內容分類，用標誌區分說明如下：



此標誌表示為禁止事項。



此標誌表示為強制事項。



警告

為了防止火災及觸電等事故

■出現異常現象或故障時



■出現異常現象或故障時，應立即停止使用，並拔下電源插頭。

(否則可能導致冒煙、起火或觸電。)

< 異常・故障的例子 >

- 漏水。
- 觸動電源線後，運轉停止。
- 運轉時伴有異常噪音或劇烈振動。
- 主機異常發熱或散發出燒焦味。

→請立即停止運轉，拔下電源插頭，並聯繫指定維修店進行檢查或維修。

■主機



■切勿擅自拆開、修理或改裝本產品。

(否則可能導致起火或工作異常，引發觸電或火災。)

請聯繫指定維修店進行檢查或維修。



■禁止將手指或金屬物等異物放入進風口、出風口或縫隙中。

(可能會發生傷害和觸電事故。)



■切勿弄濕機身。

(否則可能會導致短路，引發觸電或火災。)

■電源插頭和電源線



■切勿使用超出額定值的電源、萬能插座或連接設備，只可使用 220 V ~ 50 Hz 的交流電源。

(使用超出額定值的萬能插座或連接設備，可能會導致電源線過熱，引起火災。)

■切勿損壞電源線和電源插座。

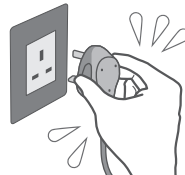
- 切勿割劃、改裝、靠近熱源、過度扭曲、擰絞、拉扯、壓放重物、擠壓電源線等。(否則可能會導致短路，引發觸電或火災。)
- 請聯繫指定維修店進行檢查或維修。

■電源插頭



■切勿用濕手接觸電源插頭。

(否則可能會導致觸電。)



■請將電源插頭完全插入電源插座。

(如果電源插頭沒有完全插牢，可能會導致觸電，或因發燙而引起火災。)

- 切勿使用已損壞的電源插頭或鬆動的電源插座。

■請定期清潔電源插頭。

(如電源插頭上有灰塵，濕氣可能會破壞電源插頭的絕緣部分，從而導致火災。)

- 請拔下電源插頭，用乾布擦淨。
- 電器如果長期不使用，應拔下電源插頭。



警告

■ 移動時



■ 移動或存放時切勿拉扯電源線。
(否則可能導致電源線斷線短路等，引發觸電或火災。)

■ 切勿讓輪子損壞電源線。
(否則可能會導致觸電、電源線過熱和火災。)

■ 維護保養



■ 在對電器進行維護保養之前，務必拔下電源插頭。

(否則產品可能會突然啟動，從而導致觸電或受傷。)



注意

■ 放置時



■ 切勿放置於以下場所

- 不穩定的場所。
(否則產品可能掉落、翻倒，造成人身傷害或傢俱家電受潮受損、漏電、觸電、火災。)
- 浴室等高溫、高濕、或易受潮的場所。
(否則可能導致漏電而引發觸電或火災。)
- 廚房等排放油煙的場所。
(否則可能導致本產品出現破裂而造成人身傷害。)
- 使用油或者可燃性氣體，並可能出現洩漏的場所。
(否則可能因起火及機器吸入而導致起火或冒煙。)
- 風口正對動植物的場所。
(否則會導致動物不適和植物風乾。)
- 出風口正對傢俱或牆壁吹風的場所。
(可能產生污漬。)

■ 主機



■ 要一直保持水箱中的水以及主機內部清潔。如不進行保養，而任由水垢、髒污或白色沉澱物殘留其中，則可能導致：

- 漏水
 - 黴菌及其他各類細菌繁殖而產生惡臭
 - 進而危害身體健康
- 當身體感覺不適時，請立即諮詢醫生。
- 每天用新的自來水更換水箱中的水。
 - 請定期清潔保養主機內部。

■ 拔下電源插頭時



■ 請手持插頭部位拔下電源插頭。
(否則可能導致電源線破損、短路等而引發觸電、火災。)

■ 移動時



■ 應停止運轉，取出水箱，倒掉水盤中的水。

(水灑落有可能沾濕傢俱等。)



■ 抬起移動產品時，握住主機的左右把手。
(否則可能滑落導致人身傷害。)



■ 切勿握住導風板或前面板搬運本產品。
(否則可能因為滑落導致人身傷害。)

用輪子移動時



■ 解開固定鉤的鎖，橫向緩慢地移動主機，防止主機發生傾斜。

(如果不解開固定鉤的鎖就移動，可能導致主機翻倒或人身傷害。)

[解除]
(向上移動)



■ 在長毛地毯上，抬起後移動本產品。
(否則可能損壞地毯。)



■ 除了橫向移動以外，請不要向其他方向移動
(否則可能損壞地板、地毯、榻榻米等。)



■ 運轉時



■ 與取暖爐（加熱器）一起使用時，需保持空氣流通。

(否則有可能導致一氧化碳中毒。)

- 本設備不能清除一氧化碳。

安全注意事項 (續)



注意

■ 禁止事項



■ 請勿使用開孔或已破損的水箱。
(水灑落有可能沾濕傢俱等。)

■ 切勿將化學藥品、芳香劑、精油等投入水箱或水盤內。
(否則水箱或水盤破損後可能沾濕傢俱等。)

■ 切勿使用酒精或稀釋劑等溶劑清潔本產品，同時也要避免接觸噴霧殺蟲劑。
(否則可能導致本產品出現破裂而造成人身傷害、或因漏水導致傢俱家電受潮、因短路等引發觸電或火災。)



■ 請勿在有薰香型殺蟲藥的室內使用本產品。

(否則化學殘留物可能會在機內積聚，然後從出風口中釋放而危害身體健康。)
• 使用殺蟲藥後，應先讓房間徹底通風，然後才可使用本產品。

■ 切勿坐、靠本產品。
(否則可能導致本產品翻倒而引起人身傷害。)
• 有小孩的家庭要多加注意。

■ 請勿推倒主機。
(否則水溢出後可能引發觸電或火災。)



■ 切勿靠近易燃物或帶有火的香煙或香火等。
(否則可能着火而引發火災。)

設置要求

■ 切勿放置於以下場所

- 陽光直射和正對空調出風口 / 受熱的場所。
(可能會造成變形、變質、變色和發生故障。)
 - 窗邊一帶等可能擋住濕度感應器的場所。
(有可能會導致濕度感應器工作不正常。)
 - 電視機及收音機等物體附近。
(有可能會導致影像的紊亂以及雜音。)
- 距離 1 m 以上放置。同時，盡量不要與以上這些設備使用同一個插座，電源插頭插入時有可能會產生影像的紊亂以及雜音。產生此類情況時，請將電源插頭插到其他插座上。

在這些場所使用，非常有效！


■ 如需解決花粉等室內塵埃困擾，將本產品放置在地上。
由於花粉、灰塵等容易落到地板附近，因此建議將本產品放在房間中平坦的地面上。

■ 如需促進室內空氣有效循環。
為了不堵塞進風口和出風口，請將本產品放置在其左右與上方距離牆壁、傢俱、窗簾等約 30 cm 以上的地方。為了更有效地使用本產品，請保持產品背部距離牆壁至少約 1 cm。

使用要求

■ 主機上請勿放置物體。

(否則有可能導致操作錯誤、故障。)

- 特別注意不要放置磁鐵或金屬物品。
(設備傾倒時，在機器內置磁鐵的作用下，“檢查指示燈”  亮起，有可能導致無法操作。)

■ 有可能發生冰凍時，倒掉水箱和水盤中的水。
(在結冰狀態下運轉，有可能會產生故障)

■ 在同一場所長時間使用時。

如果一直在同一個場所使用，本機周圍的牆壁和地板等可能因為從產品下方吸入的空氣而變髒。
建議時常更改放置位置或定期清掃牆壁和地板等。

產品特點

“前面板自動向上打開”與加濕功能給您帶來濕潤、潔淨的空氣。

■感應器分辨空氣污染物，大幅打開前面板，從下方強力抽吸

■通過“人體感應器”先行運轉，防止室內污染物擴散，高速集塵

■配備 nanoe®（納米離子）技術

■配備 PM2.5 淨化功能

可清除 99% 的直徑為 0.1 – 2.5 μm 的顆粒物^{*1}

因換氣等從室外進入的新顆粒物未考慮在內。

^{*1} 實驗方法：日本電機工業協會 推薦性標準 (HD-128)

判定標準：在 32 m³ 的密閉空間內、清除 99% 的直徑為 0.1 – 2.5 μm 的細微顆粒物所需時間為 90 分鐘之內。（這是換算成 32 m³ 的試驗空間後得出的數值）

●PM2.5 是直徑小於 2.5 μm 的細微顆粒物的總稱。

●本空氣清新機未針對直徑小於 0.1 μm 的細微顆粒物進行淨化效果的確認。此外，本產品不能去除空氣中所有的有害物質。

●這是在 32 m³ 密閉空間內的淨化效果，而並非在實際使用空間內的淨化結果。

確認與準備

■關於“前面板自動向上打開”

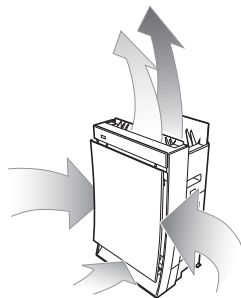
通過感應器（第 46 頁）檢測空氣中的污染物，根據空氣污染物的類型和污染程度大幅打開前面板，以最佳的氣流抽吸污染物的功能。

（第 44 頁 氣流的種類）

除去整個房間飄揚的

異味和煙霧

異味和
煙霧氣流

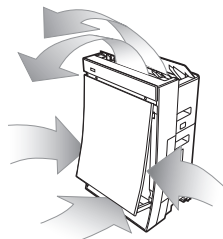


除去地板上方飄揚的

壁蝨、灰塵等
(屍體、排泄物)

室內塵埃

室內塵埃氣流



■“淨化氣流”在人外出期間可以淨化室內空氣（第 44 頁）

落在地板上的灰塵減少約 70%^{*2}（不能吸除已經堆積的灰塵）

^{*2} 在近 10 平方公尺（6 個榻榻米）的實驗室內，將本機安放在牆邊運轉。

在實驗室的中央位置附近製造灰塵，測量 1 小時後 HEPA 多功能過濾網上附着的灰塵重量，計算落在地板上的灰塵重量。比較產生的灰塵重量和落在地板上的灰塵重量。

“House Purifying”運轉、無人在場時。根據本公司特有的測試條件進行評價。數值僅供參考，效果也會因為設置環境、使用情況的不同而異。

■運轉“Clothes Deodor.”功能，可幫助不便洗滌的衣物去除異味^{*3}

除臭效果根據周圍環境（溫度、濕度）、執行時間、異味、纖維的種類等的不同而有所差異。

^{*3} 實驗機構：（株）環境管理中心

實驗方法：在 23 m³ 的實驗室內，在距離出風口 40 cm 處以 6 級臭氣強度顯示法進行驗證

除臭方法：釋放出 nanoe®（納米離子），運轉“Clothes Deodor.”功能
對象：附在實驗布上的煙味、烤肉味

實驗結果：< 煙味 > 60 分鐘後降至 2 級臭氣強度 [H117249002000DA]
< 烤肉味 > 60 分鐘後降至 1 級臭氣強度 [H117249002001DA]

■通過“ECONAVI”模式可省電運轉

空氣潔淨狀態下自動停止運轉這一功能可有效降低耗電量。此外，提前運轉功能可在污染擴散之前高效集塵，從而縮短執行時間。

■關於“亮度感應模式”

通過“亮度感應器”檢測室內亮度，自動調節操作面板上的指示燈以及前方指示燈的亮度並自動切換風量。（第 45 頁）

■關於“人體感應器”

檢測到人或寵物的動作，自動調節風量。預測到室內灰塵的上揚，在室內空氣發生污染之前開始運轉的功能。

（“風量”設定為 [Auto] 時）

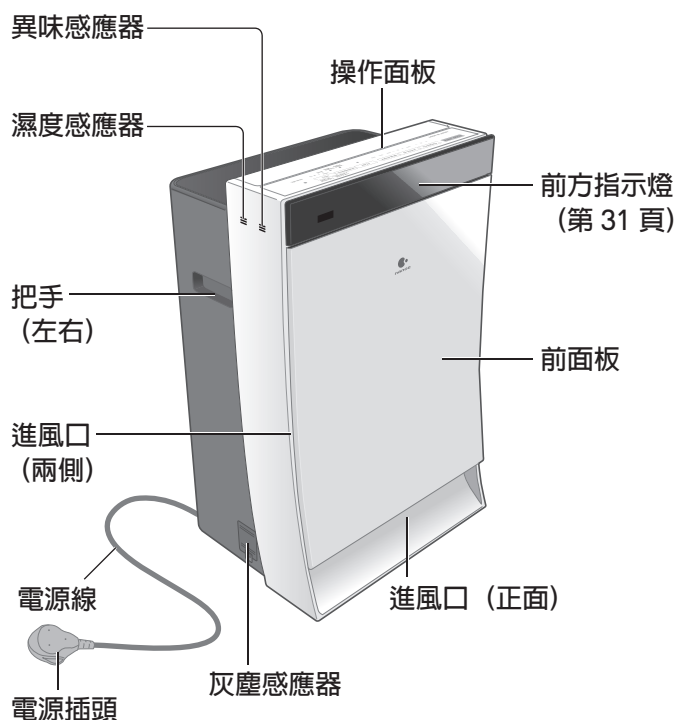
（並非能檢測到所有寵物的動作）

檢測示意圖（檢測本機的前方）

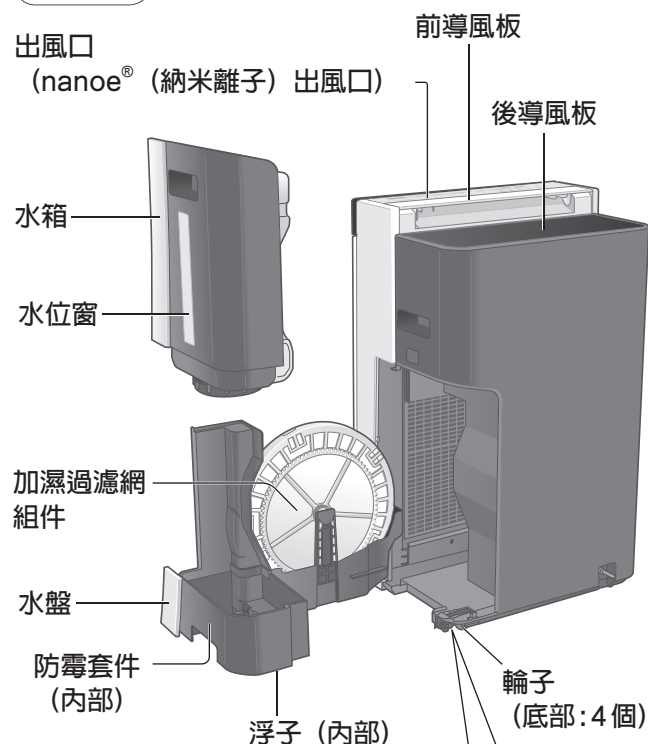


各部位名稱

正面



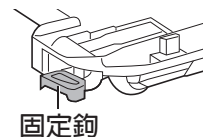
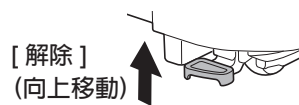
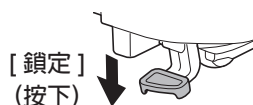
背面



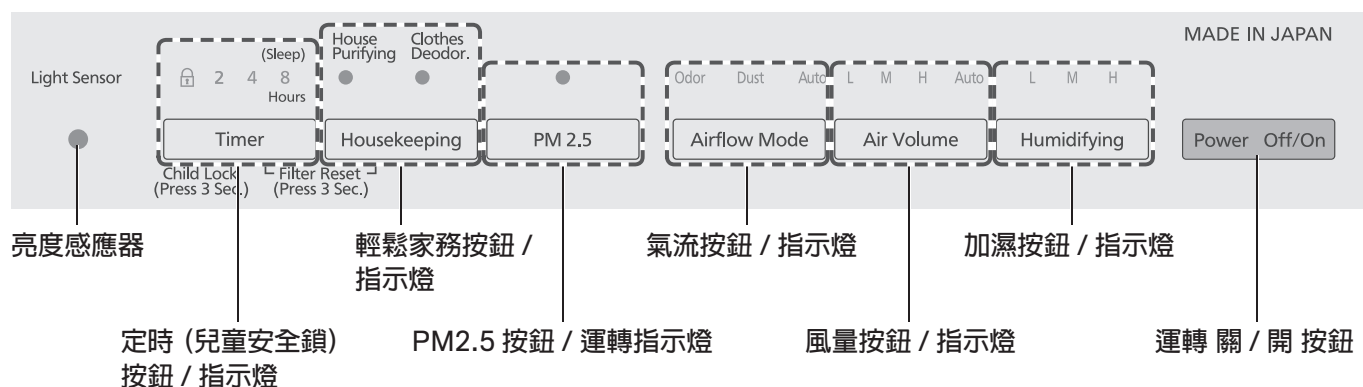
■ 想固定輪子時

- 按下固定鉤。: [鎖定]
- 向上移動固定鉤。: [解除]

(在比較滑的地面上，即使固定了也有可能會移動)



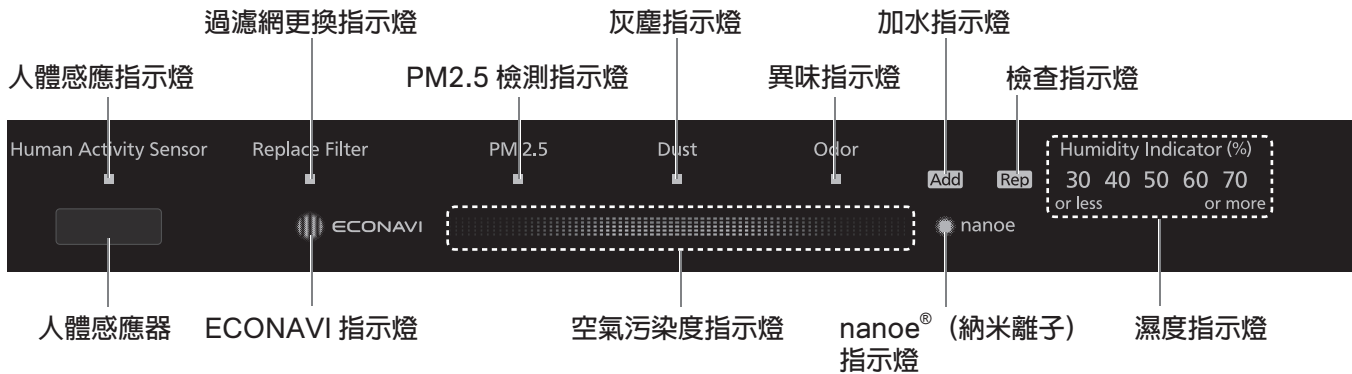
操作面板



■ 亮度感應器

通過“亮度感應器”檢測室內亮度，自動調節操作面板上的指示燈以及前方指示燈的亮度並自動切換風量。就寢時，室內變暗後，則自動進入“亮度感應模式”。(第 45 頁)
(“風量”設定為 [Auto] 時，才會自動切換風量。)

前方指示燈



■ 人體感應 (第 29 頁)

- 檢測人的動作，指示燈亮起進行提示。
- 感應器靈敏度可改變。(第 47 頁 Q13)

■ ECONAVI 指示燈

- 運轉 ECONAVI 模式 (第 45 頁) 時，指示燈亮起。
- 可關閉 ECONAVI 模式。(第 47 頁 Q17)

■ 過濾網更換指示燈

- 指示燈亮起，提示該準備更換 HEPA 多功能過濾網和脫臭過濾網。
- 如果指示燈亮起，就該更換 HEPA 多功能過濾網和脫臭過濾網，請進行更換。(更換方法第 32 至 33 頁)
- 更換後，請同時按住 **Housekeeping** 和 **Timer** 約 3 秒鐘，進行重置。(指示燈熄滅)
- 如果不進行重置，在指示燈亮了 1 個星期後，本機停止運轉。

“空氣污染度指示燈”用各種指示說明空氣的污染程度和污染的類型。

感應器靈敏度可改變。(第 46 頁 Q8)

■ 空氣污染度指示燈

- (藍色)：乾淨
- (紅色 小圖示)：有點髒
- (紅色 大圖示)：髒

■ PM2.5 檢測指示燈

- 以亮燈和閃爍傳達 PM2.5 的檢測狀況。(PM2.5 包括直徑小於 2.5 μm 的煙霧及灰塵等)
- 檢測室內有 PM2.5 時，“PM2.5 檢測指示燈”亮起。PM2.5 濃度偏高時，“PM2.5 檢測指示燈”閃爍，且在運轉中發出警告聲（呼呼呼）。
- 想立刻去除 PM2.5 時按 **PM 2.5**。(第 37 頁)

■ 灰塵指示燈

- 檢測到花粉、室內塵埃時，指示燈亮起。

■ 異味指示燈

- 檢測到異味時，指示燈亮起。

* 有時因為污染的原因，各指示燈不亮，只有“空氣污染度指示燈”亮紅燈。

■ nanoe[®] (納米離子) 指示燈

- 指示燈亮起，提示正在產生 nanoe[®] (納米離子)。(指示燈在所有運轉模式下都會亮)
- 可關閉 nanoe[®] (納米離子) 功能。(第 47 頁 Q18)

■ 加水指示燈

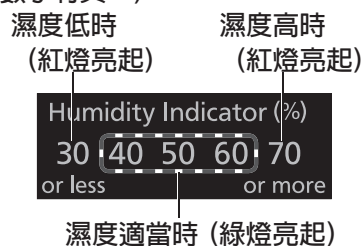
- 當設定了加濕時，如水箱內的水已用完，則清新機將發出“嗶嗶”提示音，且“加水指示燈”**Add** 閃爍。
- → 加水到水箱內。(第 33 頁)
- 當“加水指示燈”**Add** 閃爍時，本機在不加濕的狀態下運轉。

■ 檢查指示燈

- 指示燈亮，提示主機出現異常。
- → 指示燈亮時 (第 49 頁 ⑫)

■ 濕度指示燈

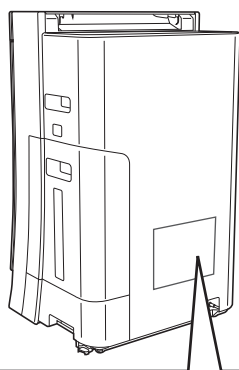
- 只顯示，不能進行濕度設定。
- (濕度指示顯示的是大概數字，可能會與家中濕度計顯示的數字有異。)



準備

安裝之前

1 填寫開始使用日期



Replacement HEPA composite filter

Part No. F-ZXRP70Z

Date installed:

Replacement deodorizing filter

Part No. F-ZXRD70Z

Date installed:

Replacement humidifying filter

Part No. F-ZXKE90Z

Date installed:

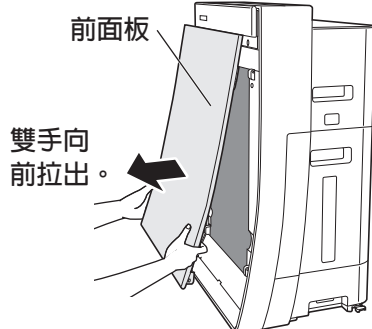
要求

- 設置前請務必參照第26至28頁。

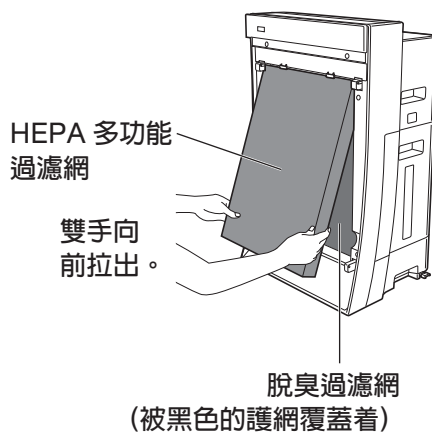
安裝過濾網

2 從塑膠袋中取出脫臭過濾網

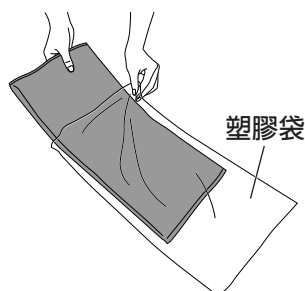
- ① 拆下前面板。



- ② 拆下過濾網 (2 種)。



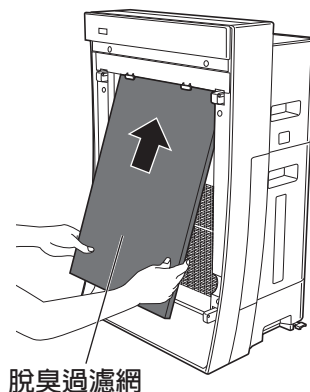
- ③ 從塑膠袋中取出脫臭過濾網。



* 請勿取下脫臭過濾網上黑色的護網。

3 安裝過濾網(2種)和前面板

- ① 安裝脫臭過濾網。
(無內外、上下的區分)



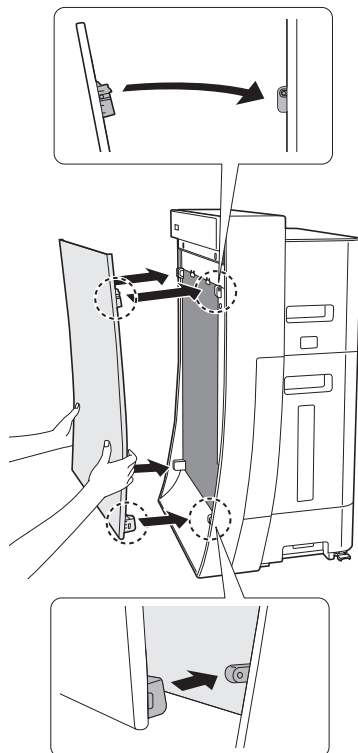
- ② 安裝 HEPA 多功能過濾網。
(有內外的區分)



加水至水箱

接通電源

③ 安裝前面板。



* 使用前，請務必安裝前面板。

4 取出水箱，加水後放回主機內

(不加濕時，則不需要)

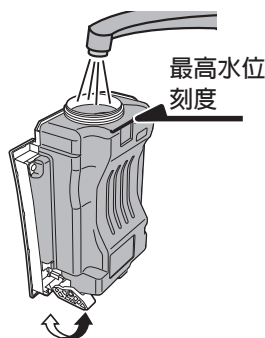
- 加水時，請務必拔下電源插頭。

① 按下掛鉤，取出水箱，擰下蓋子。



加水或裝回水箱時，將水箱上下顛倒一下。

② 加水。



用水箱支架可以支撐起水箱。
(水箱支架可旋轉)

③ 擰緊蓋子。

- 手緊握固定水箱，避免其傾倒。

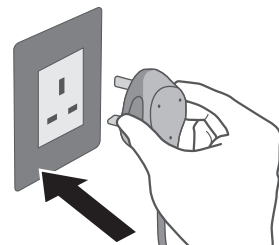
④ 將水箱裝回主機。



將水箱推入主機，直至發出“咔搭”聲。

5 插入電源插頭

(插入前，擦乾電源插頭以及手上沾到的水)



- 插入電源插頭後，“濕度指示燈”(第 31 頁)亮起，提示當前濕度。
- 按下 **Power Off/On**，“空氣污染度指示燈”(第 31 頁)呈現藍色或紅色，閃爍時間約為 5 秒。異味感應器會以此時的清潔度為基準，所以建議在室內空氣潔淨時(沒有煙味時)，插入插頭。(異味感應器的基準會根據室內的清潔度自動更新)

確認與準備

■ 請務必使用自來水

(因為一般都經過了氯化處理，雜菌難以繁殖)

● 請勿使用以下各種水。

- 40 °C 以上的熱水、或加入洗滌劑的水(可能導致變形或發生故障)
- 加入化學藥品、芳香劑、精油等的水(水箱破損後可能導致傢俱家電等受潮受損：第 28 頁)
- 淨水器中的水或鹼離子水、礦泉水、井水(可能導致黴菌及雜菌大量繁殖)

要求

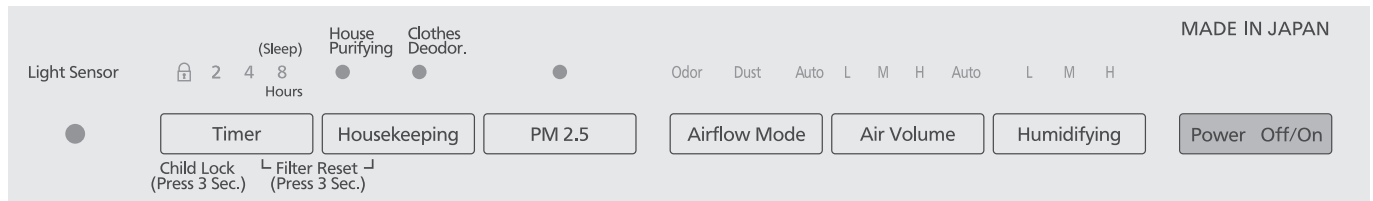
- 不得不使用井水(可飲用)時，請增加水盤、加濕過濾網組件、防霉套件的保養及清潔次數。

■ 一箱水可持續運轉的時間

- 大約可運轉 4.6 個小時。
(“風量”設定為[H(快速)]，運行/室內溫度為 20 °C、濕度為 30% 的條件下)

使用方法

開始運轉



1

按 **Power Off/On**

首次使用時，“加濕”的設定為 [M (中)]、“風量”和“氣流”的設定都為 [Auto]。從第 2 次往後，按照上次停止運轉時的設定重新開始運轉。

- 如果缺水，則不加濕。（“加水指示燈”**Add** 閃爍）如需加濕，請在水箱內裝水。不加濕時，請 OFF（“加濕指示燈”熄滅）“加濕”設定。水箱裡無水或“加濕”設定為 OFF 時，變為空氣淨化模式。

2

選擇運轉設定時

Humidifying : 設定加濕。（第 35 頁）

Air Volume : 設定風量。（第 36 頁）

Airflow Mode : 設定氣流。（第 36 頁）

改變運轉模式時

PM 2.5 : 運轉“PM2.5”模式。（第 37 頁）

Housekeeping : 運轉“輕鬆家務”模式。（第 38 頁）

進行定時或加鎖時

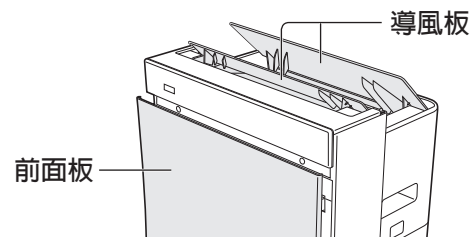
Timer : 進行定時或加兒童安全鎖。
（第 37 頁）

3

停止運轉時按 **Power Off/On**

要求

- 在運轉過程中，請不要用手移動前面板、導風板。
（角度或移動範圍會發生變化）
→ 如用手移動過後，請暫停運轉。
（重新開始運轉後，恢復正常狀態）



設定加濕

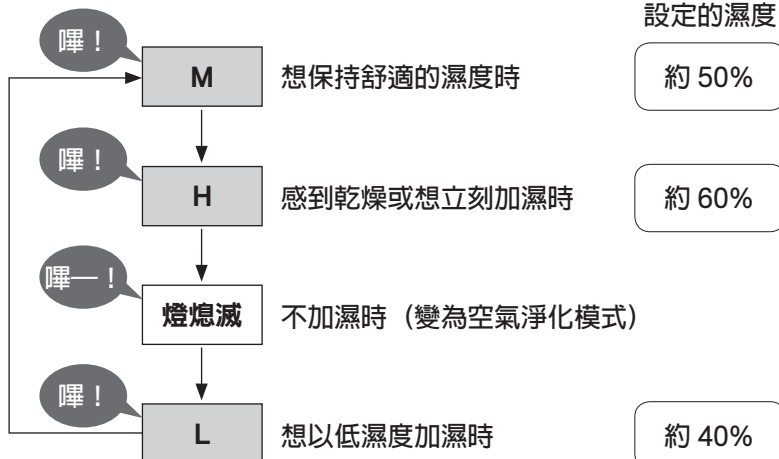
加濕同時淨化空氣

- 將“風量”設定為 [Auto] 時的動作。其他條件下的動作參考 *1*2

設定的濕度 (參考值)

Humidifying
按此按鈕逐級進行切
換。
(指示燈亮起)

■ 想取消模式時
按 Humidifying 直到指
示燈熄滅。



*1 將“風量”設定為 [L (低速)]、[M (中速)] 或 [H (快速)] 時，或以“定時”的 [8 小時 (睡眠模式)] 運轉時，每按一次 Humidifying，就會在 [M (中)] 和燈滅之間切換。

*2 在運轉“PM2.5”模式的過程中，不能加濕。

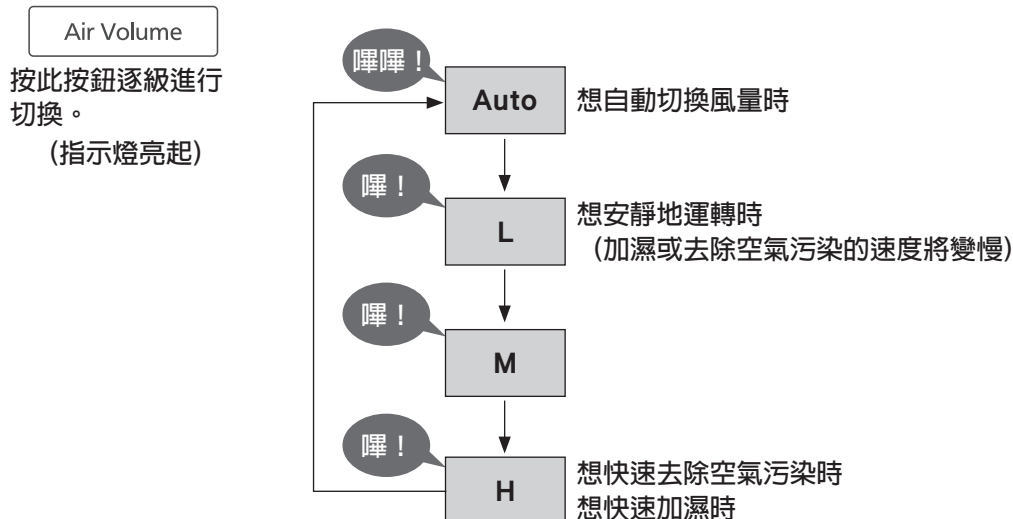
提示

- 當“加水指示燈” Add 閃爍時，提示水箱中無水，請加水。
- 即使關閉“加濕”設定，當水箱裡有水時，也會進行少量加濕，水箱的水會減少。完全不想加濕時，請倒掉水箱和水盤裡的水。

使用方法 (續) 風量・氣流

更改風量

想以指定風量運轉時



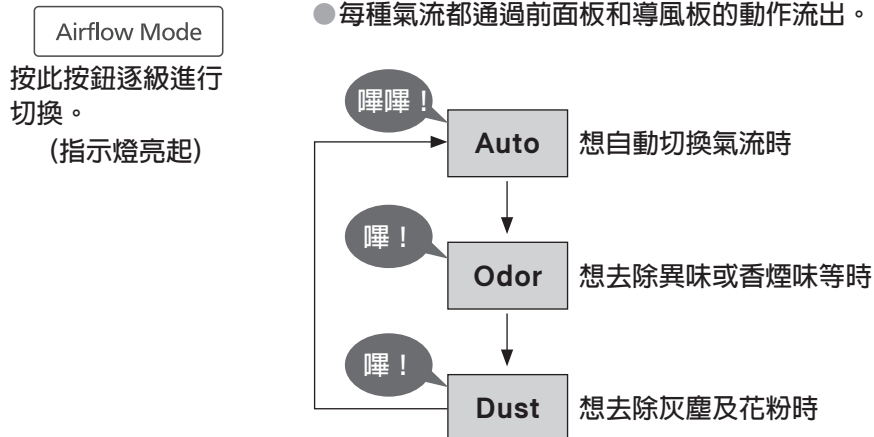
提示

- 將“風量”設定為 [Auto] 時，會運轉 ECONAVI 模式 (第 45 頁)。
- 將“加濕”設定為 [H (高)] 或 [L (低)] 時，若將“風量”設定為 [L (低速)]、[M (中速)] 或 [H (快速)]，
“加濕”設定就會切換為 [M (中)]。(參考第 35 頁“設定加濕”的 *1)

更改氣流

想根據污染的種類更改氣流時

- 每種氣流都通過前面板和導風板的動作流出。(第 44 頁)



異味和
煙霧氣流

室內塵埃氣流

PM2.5 · 定時 · 兒童安全鎖

運轉 PM2.5 模式

●
(運轉指示燈亮起)

PM 2.5

按。

■想取消模式時

再次按 。
(運轉指示燈熄滅)

集中去除 PM2.5 時

在 PM2.5 濃度下降前 [H (快速)] 運轉。

- 檢測 PM2.5 時，“PM2.5 檢測指示燈”亮起、閃爍。

在檢測指示燈閃爍時按 ，則 PM2.5 濃度下降前風量會以 [H (快速)] 運轉。若“PM2.5 檢測指示燈”熄滅，則會恢復為原本的運轉模式。檢測濃度可以更改。(第 47 頁 Q16)

- 若不是在“PM2.5 檢測指示燈”閃爍時按 ，會有約 1 分鐘的 [H (快速)] 運轉，並在“PM2.5 檢測指示燈”熄滅時恢復為原本的運轉模式。

提示

- 不能進行加濕。已設定加濕時，如果運行“PM2.5”，“加濕”設定就會切換為 OFF。(參考第 35 頁“設定加濕”的 *2)
- 不能設定“定時”。
- 在“定時”運轉過程中運轉“PM2.5”，“定時”就會被解除。
- 在“輕鬆家務”運轉過程中運轉“PM2.5”時，“PM2.5”運轉後會恢復為“輕鬆家務”運轉前的運轉模式。

定時

(Sleep)
 2 4 8
Hours

(指示燈亮起)

Timer

按此按鈕逐級進行切
換。

■想取消模式時

按 直到解除 (指示燈熄滅)。

提示

- 在設定了 8 小時 (睡眠模式) 後，不能更改運轉模式。

設置為 2 小時後、4 小時後或
8 小時 (睡眠模式) 後，運轉
自動停止。

- 8 小時 (睡眠模式) 時，“風
量”設定為 [L (低速)]，
前方指示燈熄滅，操作面板
的指示燈半亮。

兒童安全鎖

(Sleep)
 2 4 8
Hours

(指示燈亮起)

Timer

(長按約 3 秒鐘)

■想取消模式時

再次長按約 3 秒鐘。(指示燈熄滅)

用於避免兒童誤觸。

設置後，若按下任何一個按
鈕，都會發出“嗶 - 嗶 - ”
提示音，及無法操作。

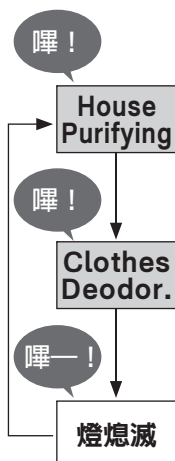
輕鬆家務

運轉輕鬆家務模式

Housekeeping

按此按鈕逐級進行
切換。

(指示燈亮起)



■想取消模式時

按  直到指示燈熄滅。

House
Purifying

準備模式



約 15 分

淨化模式

約 60 分

空氣淨化模式



“House Purifying” 運轉前的運行模式

●恢復“House Purifying”運轉前的運行模式。

提示

- 在開始了[準備模式]後，人仍留在室內時，“House Purifying”在約60分鐘後解除。
 - 當人進入了[淨化模式]過程中的房間時，即使還沒有經過60分鐘，“House Purifying”也會結束。
 - 有時會把寵物等誤檢測為“人”。
 - 如果停止人體感應的檢測，那麼即使人在室內，也能進行“House Purifying”。
- (第47頁 Q14)

Clothes
Deodor.

想去除衣物上的難聞異味時

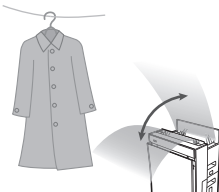
- 運轉約1小時後，將返回運轉“Clothes Deodor.”功能之前的運轉模式。

提示

- 不可關閉 nanoe®（納米離子）。
- 除臭效果根據周圍環境（溫度、濕度）、執行時間、異味、纖維種類的不同而有所差異。


要求

- 請調整主機位置，確保正對衣物吹風。



後導風板擺動。

提示

- 在“輕鬆家務”運轉過程中不能選擇“加濕”設定、“風量”設定和“氣流”設定。
- 不能設定“定時”。
- 在“定時”運轉過程中按 ， “定時”就會被解除。

維護保養

脫臭過濾網・HEPA 多功能過濾網 灰塵感應器

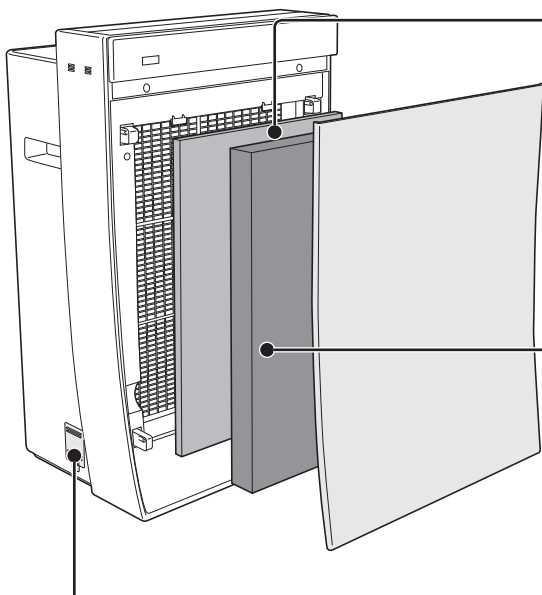
維護保養前注意事項



警告

■ 請務必拔下電源插頭。

- 請勿使用右邊的洗滌劑等。
- 使用化學性抹布時，請按照其使用注意事項進行使用。

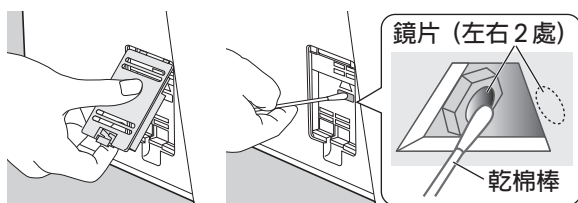


灰塵感應器 < 約每 3 個月 1 次 >

用乾棉棒去除鏡片上的髒污。

- 定期擦拭鏡片（2 處）。（帶有濕氣以及被香煙的煙油污染後，有可能無法正常感應）

① 拆下感應器外蓋，② 使用乾棉棒進行擦拭。



- 請務必在拔下電源插頭的狀態下進行操作。
- 請勿將乾棉棒插入鏡片以外的其他部位。
- 難以看清時，請用燈光照射。

長期不使用時

- ① 拔下電源插頭。（因為停止工作時也會耗電）
- ② 請倒掉水箱和水盤中的水，並針對所有部位進行維護保養。
- ③ 徹底擦乾內部。（否則可能因生鏽導致設備發生故障）
 - 加濕過濾網組件應在陰暗處晾乾。（防霉）
- ④ 蓋上塑膠袋，保管於濕氣較少處。（放平或倒置保管可能會導致設備發生故障）

脫臭過濾網

不需要維護保養

（安裝方法以及拆卸方法見第 32 頁）

脫臭過濾網周圍附有灰塵時，請用吸塵器等清除。

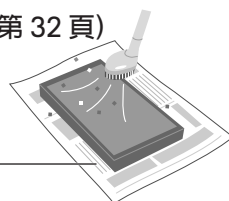
- 請勿水洗。

HEPA 多功能過濾網

< 約 2 週 1 次 >

用吸塵器等清除黑面（正面）的灰塵。

（安裝方法以及拆卸方法見第 32 頁）



墊上報紙等物品。

- 過濾網容易劃傷，請勿用力按壓。
- 白色面（背面）不用維護保養。
- 請勿水洗。

要求

- 請勿在 HEPA 多功能過濾網已拆卸狀態下運轉。（無除塵效果，而且被吸入的灰塵可能會導致設備故障）
- 請勿在脫臭過濾網已拆卸狀態下運轉。（否則無法達到除臭效果）
- 維護保養時，請勿隨意擺放已拆下的配件。（有可能被隨意擺放的配件絆倒或導致配件受損）

更換過濾網的參考時間

（自選配件：第 49 頁）

	更換週期	條件
HEPA 多功能過濾網	約 10 年 1 次 *	每天吸入 6 支香煙排放量時 （日本電機工業協會標準 JEM 1467）
脫臭過濾網		

* 根據使用場所和使用方法（例如吸煙人數較多的家庭）的不同，過濾網的更換週期可能會縮短很多。請在效果變差時，及時更換。

- 更換後，請同時按住 **Housekeeping** 和 **Timer** 約 3 秒鐘，進行重置。（指示燈熄滅）
- 更換後，請在標籤上記錄開始使用日期，並將其黏貼在主機背面。
- 廢棄過濾網時，請將它作為不可燃垃圾處理。

使用方法

維護保養

維護保養

(續)

主機・前面板・水箱
水盤・防霉套件

維護保養前注意事項



警告

■請務必拔下電源插頭。

- 請勿使用右邊的洗滌劑等。
- 只有加濕過濾網可以使用含氧漂白劑。
- 使用化學性抹布時，請按照其使用注意事項進行使用。



主機・前面板 < 約每月 1 次 >

使用擰乾的軟布擦拭主機和前面板。

(安裝方法以及拆卸方法見第 32 頁)

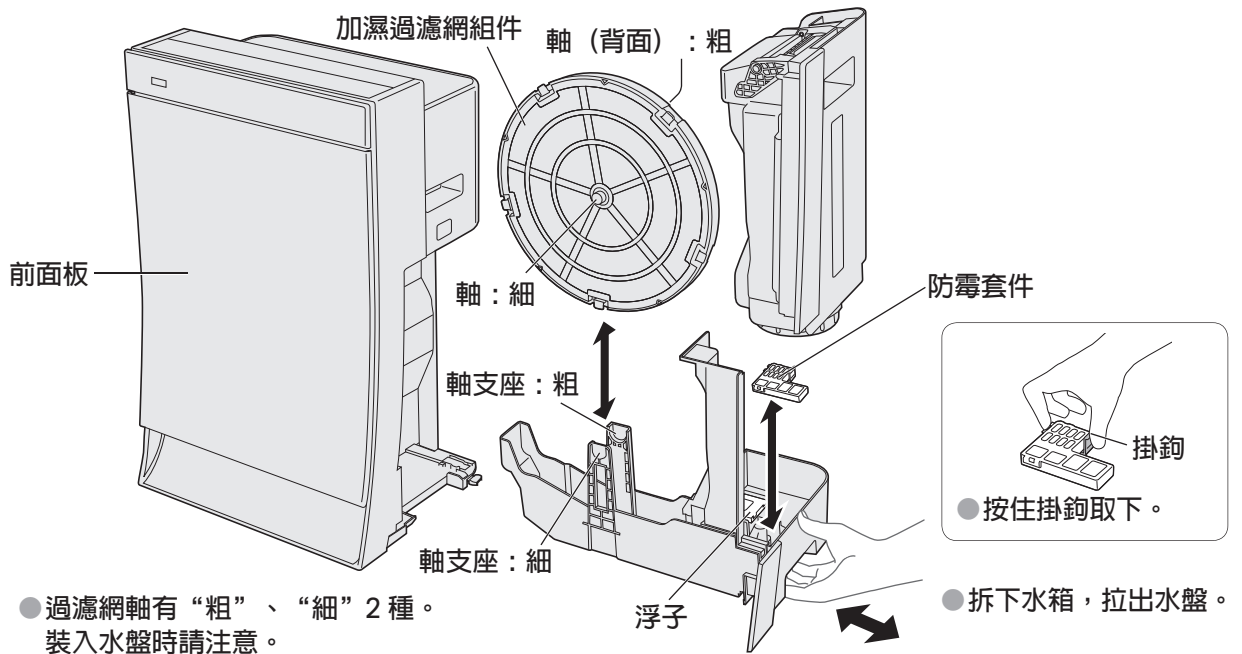
如果使用質地較硬的布用力擦拭，可能會劃傷表面。

- 擦拭電源插頭時請務必使用乾布。

水箱 < 每天 >

進行水洗。

- 頑固污垢
→ 參考“頑固污垢的去除方法”(第 41 頁)。



- 過濾網軸有“粗”、“細”2 種。
裝入水盤時請注意。

- 拆下水箱，拉出水盤。

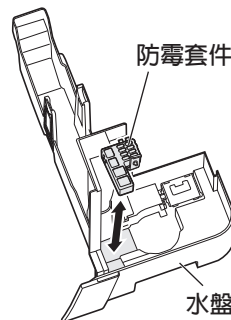
防霉套件 < 約每月 1 次 *1 >

進行浸泡清洗

- 參考“頑固污垢的去除方法”(第 41 頁)。
- 請勿用刷子刷洗或分解。
- 安裝時，請將其放入水盤的安裝槽內，保持水平。

提示

- 防霉套件中有時會有粉末出現，並非使用上的問題。
- 防霉劑伴隨使用會變小，並非防霉性能的問題。
- 防霉劑有其特殊的氣味，無害。



水盤 < 約每月 1 次 *1 >

拆下防霉套件，進行水洗

- 用棉棒或牙刷等去除細微處的污垢。
- 請勿取下浮子(發泡聚苯乙烯)。
→ 拆下時(第 42 頁)
- 頑固污垢
→ 參考“頑固污垢的去除方法”(第 41 頁)。

*1 由於污濁狀況會根據水質的不同而有所變化，因此即使在清潔保養後的 1 個月以內，若難聞氣味或水箱中的水減少很慢時，也應進行清潔保養。

加濕過濾網組件

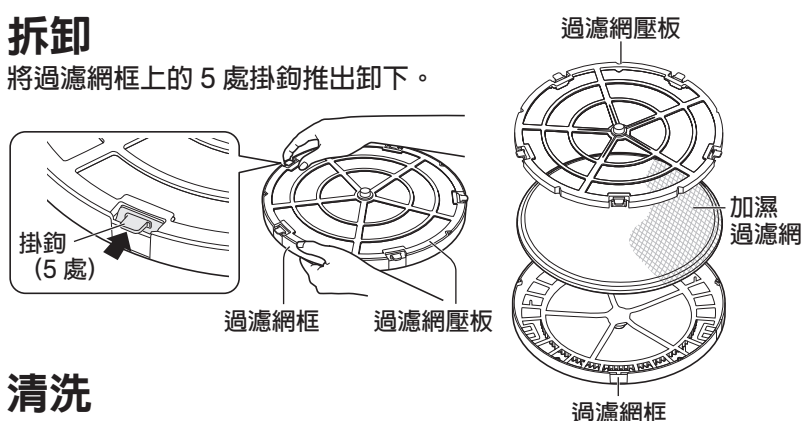
要求

- 請勿在加濕過濾網已拆卸狀態下運轉。(否則無法達到加濕效果)
- 請勿在防霉套件已拆卸狀態下運轉。(否則無法達到防霉效果)
- 排水時，請取出水盤，而不得直接從主機排水。(否則主機內部進水後，可能引起故障)

加濕過濾網組件 <約每月 1 次 *1> (假定 1 天運轉 8 小時)

1 拆卸

將過濾網框上的 5 處掛鉤推出卸下。



2 清洗

● 用清水或溫水按壓清洗加濕過濾網

- 請勿用刷子刷洗或用洗衣機清洗。
- 請勿使用乾燥機乾燥。(可能導致縮小)
- 用水清洗過濾網框和過濾網壓板。
- 當污漬或氣味難以去除時
→ 參考“頑固污垢的去除方法”。



3 安裝

- ① 將加濕過濾網放入過濾網框。(加濕過濾網沒有正背面之分)
 - 請勿使加濕過濾網伸出過濾網框，或形成褶皺。
(可能導致加濕量變少)
- ② 將過濾網壓板貼着過濾網框安裝，嵌牢所有 5 處掛鉤。
(三角形的突起物對準三角形的切口)
- 立刻使用保養後的加濕過濾網時，即使過濾網潮濕也不會影響效果。
放置保管時，請充分乾燥後再安裝。

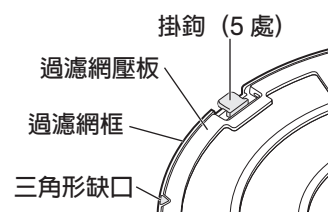
更換過濾網的參考時間

(自選配件：第 49 頁)

加濕過濾網	
更換週期	條件
大約 10 年 1 次 *2	以每天運轉 8 小時計算

*2 根據水質的不同，使用壽命會有所變化，出現以下情況時請立即更換。

- 維護保養後，仍無法去除氣味。
 - 水箱中的水沒有減少。
 - 損傷嚴重。
- 更換後，請在標籤上記錄開始使用日期，並將其黏貼在主機背面。
- 廢棄過濾網時，請將它作為不可燃垃圾處理。
但請勿丟棄過濾網框和過濾網壓板。



提示

- 加濕過濾網如果不維護保養，就可能縮小。

維護保養

頑固污垢的去除方法

· 水箱	· 水盤	用含有檸檬酸或廚房用中性洗滌劑的水進行沖洗
· 過濾網框	· 過濾網壓板	
· 防霉套件		浸泡
· 加濕過濾網		浸泡後按壓洗 *3

· 檸檬酸與溫水的比例為 20 g : 3 L

< 浸泡清洗的方法 >

- ① 將檸檬酸或廚房用中性洗滌劑充分溶解在溫水 (約 40 °C 以下) 中。
- ② 浸泡 30 分鐘左右，然後用清水沖洗 2 ~ 3 次。

● 要充分沖洗，否則可能聞到洗滌劑的氣味或發生故障。

*3 在氣味嚴重時，請使用含氧漂白劑浸泡清洗加濕過濾網，其他部件無需處理。

(用量以漂白劑的說明書為準)

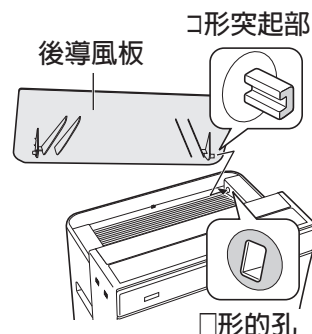
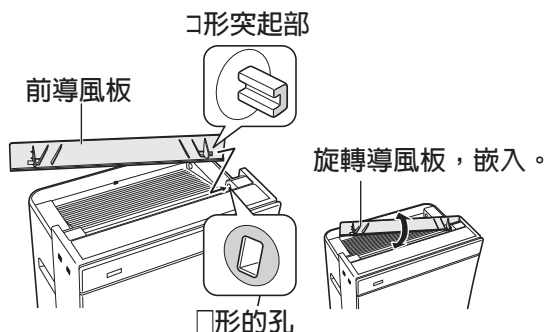
導風板移位時

導風板的安裝方法

1 將導風板的C形突起部插進本機右側的孔裡

2 稍微彎曲導風板的中部，插進左側

3 也同樣插入後導風板



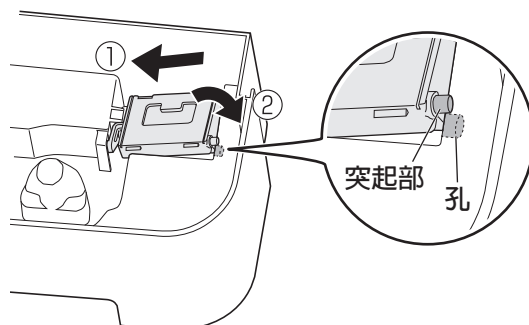
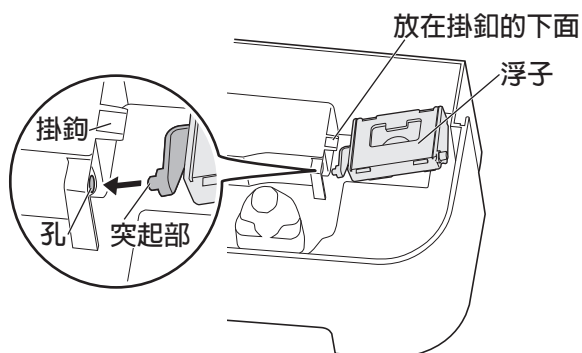
請勿錯誤安裝前導風板和後導風板。

浮子移位時

浮子的安裝方法

1 將浮子的突起部插進水盤的孔

2 ① 邊沿箭頭方向按，
② 邊插進相反一側的水盤的孔



更多訊息

關於 nanoe® (納米離子)

產生的環境條件

- nanoe® (納米離子) 是來自於周圍空氣，根據溫度和濕度的不同，有時可能無法穩定生成。
- 生成條件：室內溫度：約 5 °C ~ 35 °C
相對濕度：約 30% ~ 約 85%
(露點溫度：約 2 °C 以上)

產生少量臭氧

- 產生 nanoe® (納米離子) 的同時，也會產生微量臭氧。但其發生量遠遠不及自然森林存在的臭氧量，對人體沒有什麼影響。

■ 關於 nanoe® (納米離子)

nanoe® (納米離子) 是通過施加高電壓來分離水分子而產生的帶電淨水粒子。

依靠 nanoe® (納米離子) 技術，能有效除菌★ *1、抑制過敏原 *2、殺滅真菌 *3、去除附着性氣味 *4 等，從而打造出美膚空間。

★〈浮動真菌〉是在 25 m³ 密閉空間下測試 4 小時後得出的效果，並非實際使用空間效果。

★〈附着細菌〉是在 23 m³ 密閉空間下測試 8 小時後得出的效果，並非實際使用空間效果。



*1 〈浮動真菌〉

- 實驗機構：(一財) 北里環境科學中心
- 實驗方法：直接放置在 25 m³ 的實驗空間內，測定所收集的真菌數量
- 除菌方法：釋放 nanoe® (納米離子)
- 實驗對象：浮動真菌
- 實驗結果：經過 4 小時後，殺滅 99% 以上的浮動真菌 (北生發 24_0301_1 號)

〈附着細菌〉

- 實驗機構：(一財) 日本食品分析中心
- 實驗方法：測定在 23 m³ 實驗空間內，附在布塊上的細菌數量
- 除菌方法：釋放 nanoe® (納米離子)
- 實驗對象：附在標準布塊上的細菌
- 實驗結果：經過 8 小時後，殺滅 99% 以上的附着細菌 (第 13044083003-01 號)
(採用各種各樣細菌中的一種進行實驗)

*2 ● 實驗機構：Panasonic 株式會社解析中心

- 實驗方法：採用 ELISA 法測定在 23 m³ 實驗空間內附在布塊上的過敏原
- 抑制方法：釋放 nanoe® (納米離子)
- 實驗對象：花粉過敏原
- 實驗結果：經過 8 小時後，抑制 88% 以上的過敏原 (BAA33-130402-F01)

*3 ● 實驗機構：(一財) 日本食品分析中心

- 實驗方法：測定在 23 m³ 實驗空間內，附在布塊上的真菌數量
- 除菌方法：釋放 nanoe® (納米離子)
- 實驗對象：附着真菌
- 實驗結果：經過 8 小時後確認效果 (第 13044083002-01 號)

*4 ● 實驗機構：Panasonic 株式會社解析中心

- 實驗方法：在 23 m³ 的實驗空間內，採用 6 個等級的臭氣強度標記法進行驗證
- 除臭方法：釋放 nanoe® (納米離子)
- 實驗對象：附着煙味
- 實驗結果：經過 2 小時後，臭氣強度下降至 1.2 等級 (BAA33-130125-D01)

- 此為 nanoe® (納米離子) 裝置的驗證結果，它與本產品的驗證結果不同。
- 實際效果會根據周圍環境 (溫度、濕度)、運作時間、不同種類的臭氣或纖維而有所不同。
- 本產品不屬於醫療器材。

更多訊息 (續)

氣流的種類

氣流自動

根據空氣污染的類型區分使用氣流，有效集塵。

■空氣污濁狀態和導風板以及前面板的功能

根據室內污染物種類和污染程度，導風板和前面板移動到最佳位置，進行運轉。

空氣污濁狀態	空氣污染度指示燈	導風板的功能 (右圖 (A) ~ (E))	前面板
清潔狀態	藍色	(A) (低速擺動)	關閉
檢測到異味或煙霧	紅色	(B)	向前方打開
檢測到室內塵埃		(C)	下側向前方打開
同時檢測到異味或煙霧和室內塵埃		(D)	
檢測到 PM2.5		(E)	向前方打開

- 當同時檢測到 PM2.5 和其他污染物時，導風板的動作變為(B) (C) (D)中的某一種。
- 室內空氣潔淨時，有時會關閉導風板，進入待機狀態。

淨化氣流

在空氣淨化模式下，將“風量”設定為[H (快速)]，通過導風板的動作集中收集空氣中的灰塵。

■導風板以及前面板的功能

運轉	導風板的功能 (右圖 (A) 、 (C))	前面板
準備模式	(A) 或 (C)	下側向前方打開
淨化模式		

PM2.5 氣流

設定了最適於 PM2.5 的氣流的運轉模式強力吸入。

■導風板以及前面板的功能

運轉	導風板的功能 (右圖 (B))	前面板
PM2.5	(B)	向前方打開

手動操作時

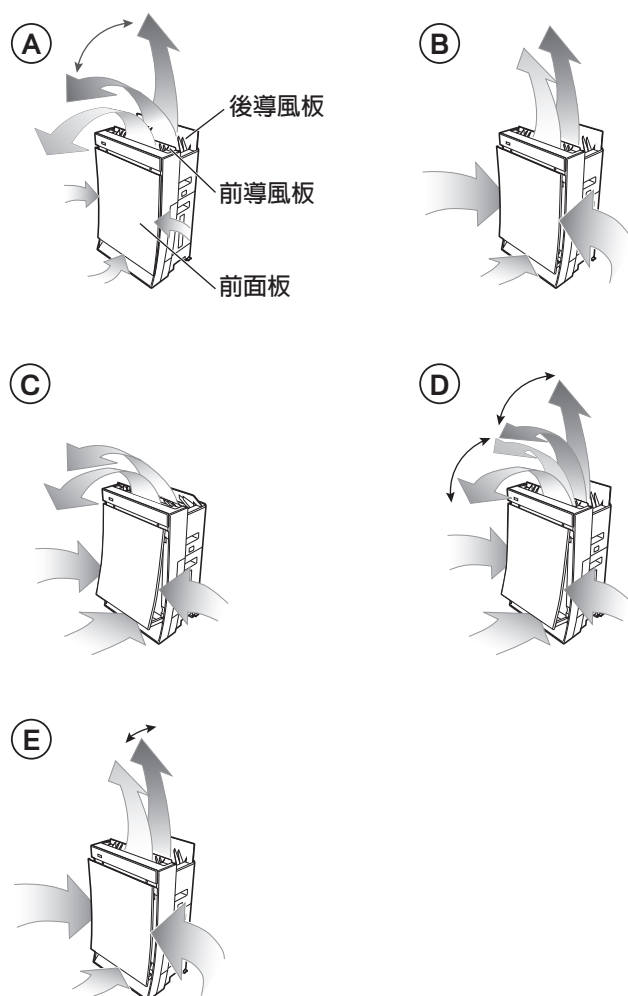
異味

從整個前面板有效吸入飄揚在空氣中的異味和煙霧。吸煙時和烹飪時等，想集中去除異味和煙霧時。
(導風板的動作(B))

灰塵

主要從前面板下方有效吸入容易堆積在地板周圍的花粉等室內塵埃。在花粉季節等，特別在意室內塵埃時。
(導風板的動作(C))

■導風板的動作



- 以[H (快速)]運轉“風量”設定時，在前面板打開的狀態下運轉。
- 開始運轉後的最初 10 分鐘在前面板打開的狀態下運轉。

防霉套件的功能

使水盤內保持清潔。

實驗機構：(一財) 紡檢品質評價機構

防霉的方法：水盤裡安裝有防霉套件

實驗結果：確認抑制黴菌的效果 (第 09006504-1)

實驗方法：通過防霉試驗方法 (HALO 法) 進行確認

對象：水盤裡的加濕過濾網

關於 HEPA 多功能過濾網

HEPA 多功能過濾網中集成了生物除菌、抗過敏原，能夠抑制過敏原（花粉、蟎蟲屍體及糞便）、細菌、黴菌。

■抗過敏原：抑制過敏原（花粉、蟎蟲屍體及糞便）的活動。

檢測機構：大阪市立工業研究所

檢測方法：通過酶免疫測定法，確認精製塵蟎應變原的降低。

去除方法：與抗過敏原接觸

檢測對象：過濾網收集的過敏原（蟎蟲、花粉）

檢測結果：抑制 99% 以上。（大工研報第 2127 號）

■HEPA 多功能過濾網會散發出“綠茶兒茶素”、“生物除菌”以及“抗過敏原”特有的氣味，此氣味對人體無害。

關於亮度感應模式

通過“亮度感應器”檢測室內亮度，自動調節操作面板上的指示燈以及前方指示燈的亮度並自動切換風量。

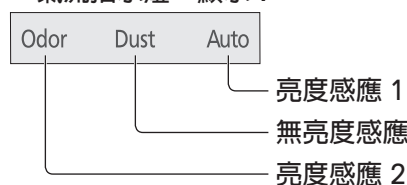
（首次使用時，預設設定為“亮度感應 1”）

●“亮度感應模式”狀態下，可以調節指示燈的亮度。

① 停止運轉，同時按住 和 按鈕。（“氣流指示燈”依次點亮）

② 達到所需設定狀態後，鬆開按鈕。

“氣流指示燈”顯示：



亮度感應設定	顯示部分	室內亮度	
		微暗	暗
亮度感應 1	操作面板	燈全亮	燈變暗
	前方指示燈	燈變暗	燈熄滅
亮度感應 2	操作面板	燈全亮	燈變暗
	前方指示燈	燈變暗	
無亮度感應	操作面板	燈全亮	
	前方指示燈		

關於 ECONAVI 模式

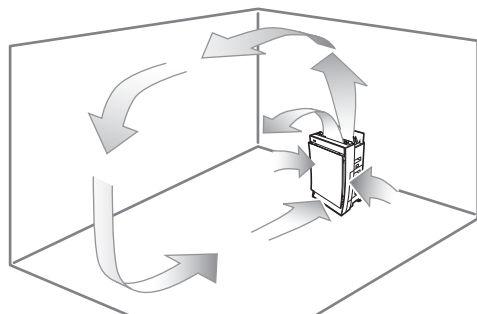
當“風量”設定為 [Auto] 時，由每小時自動運轉 1 次以便發現室內空氣污染的“偵測模式”和在監測掌握了每日產生污染的時間規律後，自動提前運轉的“學習模式”組合而成的自動運轉模式。

空氣潔淨狀態下自動停止運轉這一功能可有效降低耗電量。此外，提前運轉功能可在污染擴散之前高效集塵，從而縮短執行時間。

節能效果因放置的環境和使用情況而不同。

偵測模式

空氣潔淨後自動停止運轉，運轉停止狀態持續 55 分鐘後，開始“偵測模式”（“風量”設定為 [M（中速）]）5 分鐘。



●運轉停止狀態下，或“偵測模式”期間檢測到污染物時，將根據污染程度自動調節風量運轉。

●在設定了加濕時，即使室內的空氣潔淨，也會根據室內的濕度情況自動運轉。

學習模式

運轉過程中，監測記錄“空氣污染物產生的時間段以及污濁程度”，並於次日根據所記錄的污染物產生的時間段提前 5 分鐘開始運轉。

（每天都會更新儲存的記錄，如果拔掉電源插頭，之前的記錄就會全部消失）

更多訊息 (續)

異味感應器和灰塵感應器的功能

通過感應器感應空氣的污濁程度後，通過“空氣污染度指示燈”顯示污濁情況。當“氣流”設定和“風量”設定為 [Auto] 時，根據污染的類型選擇最佳的氣流和風量。

- 在靠近加熱器的場所使用時，因室內空氣的流動，感應器的工作狀況有可能會產生變化。

類型	感應範圍	有可能感應
異味感應器	・香煙、香火、烹飪、寵物的氣味 ・化妝品、酒精、噴霧劑類等	・蒸氣（水蒸氣）、油煙 ・門的開關引發的風以及急劇的溫度變化等
灰塵感應器	・PM2.5（香煙、灰塵等） ・室內塵埃（灰塵、蟎蟲的屍體及排泄物、黴菌孢子、花粉） ・煙（香煙、香火等）	・油煙、霧狀的水滴

常見問題解答

諮詢或送店維修之前，請先確認。

Q1 加濕過程中，為什麼風較冷？

A

- 在設定了加濕時，濕氣從含水的加濕過濾網散發出來時，會吸收空氣中的熱量，所以吹出比室溫低的風。

Q2 加濕過程中，為什麼不產生蒸氣？

A

- 此並非使水沸騰的方法，而是採用含水的加濕過濾網遇風而產生濕氣的方法，因此產生的不是蒸氣。

Q3 加濕量為什麼較少？

A

- 與在梅雨季節濕度較高時以及寒冷的天氣，衣服不易晾乾原理相同，根據房間的溫度和濕度不同加濕量會有所變化。溫暖、乾燥的時候加濕量將增多。

Q4 “濕度指示燈”為什麼不變？

A

- 當 **70 or more** 持續亮起時
 - 在某些使用場所，可能無法正確感知濕度情況。
→請改變使用場所（第 28 頁）
- 當 **30 or less** 持續亮起時
 - 房間是否過大，已超出適用面積？
→請參考適用面積。（第 50 頁）

提示

- 請將“濕度指示燈”作為參考。
- 有時與家用濕度計的顯示不同。
- 根據溫度的變化，濕度值會產生變化。
- 在通風較好或較差的場所，濕度可能有所差異。

Q5 出風口發出“噠”的聲音？

A

- 產生 nanoe®（納米離子）時會出現輕微的聲音，這是正常現象。聲音會因為使用環境、運轉模式的不同而感到很大，或感到很難聽到，這是正常現象。

Q6 加濕過濾網為什麼變色？

A

- 根據水質的不同有時可能發生變色，並非性能上的問題。

Q7 窗戶以及牆壁為什麼會結露？

A

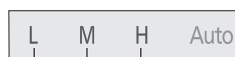
- 即使房間濕度適中，在溫度較低的窗戶以及牆壁等上也會發生結露。

Q8 “空氣污染度指示燈”為什麼不變？前面板還打開着嗎？（改變感應器的靈敏度）

A

- 感應器的靈敏度較低或較高時，容易引起此類問題。
可調整為指定的感應器靈敏度。
（首次使用時，預設設定為 [中]）
- ① 停止運轉，同時持續按下 **PM 2.5** 和 **Air Volume**。（“風量指示燈”依次亮起）
- ② 按需求完成靈敏度設置後，鬆開按鈕。

（“風量指示燈”）



- 高：想調高靈敏度時
- 中：想調至適度靈敏度時
- 低：想調低靈敏度時

Q9 想關閉前方指示燈

A

- 可以關閉前方指示燈。
 - 運轉過程中或停止運轉時，同時按住 **Air Volume** 和 **Humidifying** 約 3 秒鐘。（前方指示燈關閉）
 - 如需再次亮燈時，請再次同時長按約 3 秒鐘。（前方指示燈亮起）

Q10 在運轉過程中，前方指示燈熄滅

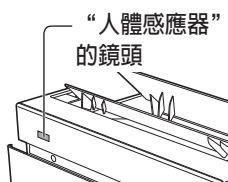
A

- 在“亮度感應模式”下，“亮度感應器”將檢測室內亮度，並自動切換前方指示燈的亮度。當設定為“亮度感應 1”時，一旦室內變暗，前方指示燈就會熄滅。（“濕度指示燈”半亮）（第 45 頁）

Q11 “人體感應器”無反應？

A

- 插入電源插頭後要準備 2 分鐘，所以“人體感應器”不進行工作。
- 不在“人體感應器”的檢測範圍內或有傢俱等障礙物時，會無法感應。
- 人體溫度與周圍溫度無差異的情況下，有可能無法感應。
- “人體感應器”的鏡頭是否髒污？
→請用乾棉棒清理髒污。



Q12 盡管人沒有動，但“人體感應指示燈”亮着

A

- 使用有擺動功能的電暖器等時，若室內溫度發生變化，則即使人沒有動也可能自動感應。

Q13 想關閉“人體感應器”的檢測（改變感應器的靈敏度）

A

- 可以改變“人體感應器”的靈敏度。（首次使用時，預設設定為 [標準]）
- ① 停止運轉，同時持續按下 **Airflow Mode** 和 **Housekeeping**。（“加濕指示燈”依次亮起）
- ② 按需完成靈敏度設置後，鬆開按鈕。（“加濕指示燈”）



高：想調高靈敏度時
標準：想調為適度靈敏度時
關：想停止檢測時

Q14 人在屋裡，想運轉“House Purifying”模式

A

- ① 關閉“人體感應器”的檢測。（Q13）
 - ② 設定為“House Purifying”。
進行約 5 分鐘的 [準備模式] + 約 60 分鐘的 [淨化模式]。[淨化模式] 結束後，切換為空氣淨化模式（風量、氣流 [Auto]）。在感應到污染物時，重新運轉 [淨化模式]。
 - ③ 結束時按 **Housekeeping**，解除“House Purifying”。
- 恢復“House Purifying”運轉前的運行模式。

Q15 即使進行“House Purifying”，屋裡也還是有灰塵

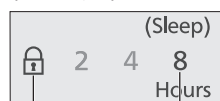
A

- “House Purifying”清除空氣中的污染物，並非清除地面的灰塵。

Q16 “PM2.5 檢測指示燈”不閃爍？（改變 PM2.5 的靈敏度）

A

- 可以改變 PM2.5 的靈敏度。（首次使用時，預設設定為 [標準]）
- ① 停止運轉，同時持續按下 **Housekeeping** 和 **Air Volume**。（“定時（兒童安全鎖）指示燈”依次亮起）
- ② 按需完成靈敏度設置後，鬆開按鈕。（“定時（兒童安全鎖）指示燈”）



標準：想調為適度靈敏度時
高：想調高靈敏度時

Q17 想關閉 ECONAVI 模式

A

- 可關閉 ECONAVI 模式。
 - “風量”設定為 [Auto]，在運轉過程中同時按住 **Airflow Mode** 和 **Air Volume** 約 3 秒鐘。（“ECONAVI 指示燈”熄滅）
 - 需再次啟動 ECONAVI 模式時，在“風量”設定為 [Auto] 的運轉過程中再次按住約 3 秒鐘。（“ECONAVI 指示燈”亮起）


Q18 想關閉“nanoe®（納米離子）”


A

- 可關閉 nanoe®（納米離子）功能。
 - 運轉過程中，同時按住 **PM 2.5** 和 **Humidifying** 約 3 秒鐘。（“nanoe®（納米離子）指示燈”熄滅）
 - 需再次產生 nanoe®（納米離子）時，請再次按住約 3 秒鐘。（“nanoe®（納米離子）指示燈”亮起）

故障排除

首先請確認以下內容。執行此操作後仍無法修復時，請拔下電源插頭，並聯繫經銷商進行檢查或維修。

此時	請確認以下內容
①即使是持續運轉，“空氣污染度指示燈”一直為紅色	<ul style="list-style-type: none"> ● 受到浴室等熱氣、噴霧產生的氣體影響，信號燈可能變紅。 ● 是否混入了黃沙等外部的污染物？ ● 灰塵感應器是否髒污？（第 39 頁）
②空氣有污濁，但“空氣污染度指示燈”顯示仍為藍色	<ul style="list-style-type: none"> ● 請確認是否為污染物難以吸入場所，或請確認是否被安裝在比適用面積更大的房間內？（第 28 頁和 50 頁） ● 灰塵感應器是否髒污？（第 39 頁）
③難以去除空氣中的污物	<ul style="list-style-type: none"> ● HEPA 多功能過濾網是否髒污？（第 39 頁） → 維護保養後仍然無改善時，則更換新的過濾網。
④有雜音	<ul style="list-style-type: none"> ● 加濕過濾網組件旋轉時，偶爾會發出水滴下落的聲音，這是正常現象。 ● 水從水箱流出滴落時，會發出漏氣的“啪嗒啪嗒”聲，這是正常現象。 ● 在前面板或導風板可以移動時，有時會聽到聲音，這是正常現象。 ● 加濕過濾網組件和過濾網框的 5 處掛鉤都扣好了嗎？（第 41 頁）
⑤出風量少	<ul style="list-style-type: none"> ● 加濕過濾網組件和 HEPA 多功能過濾網是否髒污？（第 39 和 41 頁） → 維護保養後仍然無改善時，則更換新的過濾網。
⑥難聞氣味	<ul style="list-style-type: none"> ● 主機和前面板、過濾網是否髒污？ → 維護保養後仍然無改善時，則更換新的過濾網。（第 39 頁） ● 水箱及水盤、加濕過濾網是否髒污？（第 40 和 41 頁） ● 水箱裡的水是否每天都更換成新的自來水？（第 27 頁） ● 不加濕時，請倒掉水箱和水盤內的水。 ● 在香煙或烤肉等氣味較強情況下使用本產品時，可能需要短時間內更換過濾網。（第 39 頁） → 這種情況下使用本產品時，建議同時為房間通風換氣。
⑦水箱水量不減少 “加濕指示燈”已亮，但不加濕	<ul style="list-style-type: none"> ● “加濕”設定是否為 OFF？ → 若不將“加濕”設定為 OFF 以外的情況，則不進行加濕。 ● 水盤是否已安裝到位？ ● 加濕過濾網安裝是否正確？（第 41 頁） → 安裝露出時，可能會產生異響，以及不加濕。 ● 加濕過濾網組件是否髒污？（第 41 頁） ● 防霉套件的安裝是否正確？（第 40 頁）
⑧濕度不增加	<ul style="list-style-type: none"> ● 房間是否過大，已超出適用面積？（第 50 頁） ● 是否進行了通風換氣，地板上鋪有地毯？ → 鋪有地毯時，根據通風狀況、地板以及牆壁材質的不同，有時濕度可能難以提升。
⑨水盤的內側結露	<ul style="list-style-type: none"> ● 停止運轉後以及房間較為寒冷時，有可能會產生結露，屬正常現象並非故障。
⑩“加水指示燈”閃爍 	<ul style="list-style-type: none"> ● 水箱中是否已加水？ → 需繼續加濕時，請向水箱中加水。（第 33 頁）

此時	請確認以下內容
⑪水箱中有水，但“加水指示燈” Add 閃爍	<ul style="list-style-type: none"> ● 水盤是否已安裝到位？ ● 主機是否傾斜？ → 請安裝在水準且穩定的檯面或地板上。 ● 浮子是否正確安裝？（第 42 頁）
⑫ “檢查指示燈” 亮起 	<ul style="list-style-type: none"> ● 主機是否翻倒？ → ① 拔下電源插頭。 ② 扶起主機（擦掉附著的水） ③ 停置半日以上，不要使用。 （若內部進了水，則要使其徹底乾燥） ④ 再次接通電源，開始運轉。 ● 是否對主機施加過搖晃、傾斜、撞擊等動作？ → 拔下電源插頭，重新插上。 ● 主機上是否曾放置過磁鐵或金屬物等？ → 拔下電源插頭，重新插上。
⑬不運轉	<ul style="list-style-type: none"> ● “過濾網更換指示燈” 是否亮著？（第 31 頁）

如遇以下情況，聯繫指定維修店。

⑭ “檢查指示燈” Rep 亮起， “風量指示燈” 全部閃爍	<ul style="list-style-type: none"> ● 主機發生故障。 → 請拔下電源插頭，並聯繫指定維修店進行檢查或維修。
⑮操作面板的所有指示燈 閃爍	

自選配件

- 更換用
HEPA 多功能過濾網

型號：F-ZXRP70Z



- 更換用
脫臭過濾網

型號：F-ZXRD70Z



- 更換用
加濕過濾網
不含過濾網框和
過濾網壓板。
型號：F-ZXKE90Z



Specifications

Power supply	220 V ~ 50 Hz					
Operation mode	Clean air			Humidifying clean air		
	H	M	L	H	M	L
Power consumption (W)*1	61	10	6	53	14	10
Humidifying amount (mL / h)*2	—*3	—*3	—*3	700	400	250
Air volume (m³ / min)	6.7	2.7	1.1	6.3	3.1	1.9
Applicable floor area*4	Ordinary house Up to 52 m²			Ordinary house Up to 32 m²		
Capacity of the tank	approx. 3.2 L					
Power code length	1.8 m					
Product dimension	398 mm (W) × 238 mm (D) (Including the bottom 279 mm) × 640 mm (H)					
Product weight	10.2 kg					

*1 The power consumption is about 1.1 W when the operation is set to "OFF". (With the power plug connected.)

*2 Humidifying amount in the above table tested under the condition of room temperature 20 °C and humidity 30%.

The humidifying amount may vary with the indoor temperature and humidity. (P.22)

*3 If there is water in the tray, the product uses its water to humidify a little. If you do not want to humidify, empty the tank and tray.

*4 The applicable floor area refers to the floor area when the product is operating in [H (High)] mode. The area when operating in [Clean air] mode is in accordance with the "Japan Electrical Manufacturers' Association standards (JEM1467)", and in [Humidification clean air] mode with the "Japan Electrical Manufacturers' Association standards (JEM1426)".

● In countries with different supply power voltage and frequency, it cannot be used. After-sales service cannot be provided.

● Carbon monoxide, harmful substance in tobacco, cannot be removed with this product.

規格

額定電壓 / 頻率	220 V ~ 50 Hz					
運轉模式	空氣淨化			加濕空氣淨化		
	H	M	L	H	M	L
消耗功率 (W) *1	61	10	6	53	14	10
加濕量 (mL/h) *2	— *3	— *3	— *3	700	400	250
風量 (m³/min)	6.7	2.7	1.1	6.3	3.1	1.9
適用面積 *4	普通家庭，最大適用面積 52 m²			普通家庭，最大適用面積 32 m²		
水箱容量	約 3.2 L					
電源線長度	1.8 m					
產品尺寸	寬度 398 mm × 深度 238 mm（包括腳部 279 mm）× 高度 640 mm					
產品重量	10.2 kg					

*1 當運轉狀態為「關」時，耗電量約為 1.1 W。（插上電源插頭的狀態）

*2 這是在室內溫度 20 °C、濕度 30 % 的環境條件下的加濕量。根據室內溫度以及濕度的不同，加濕量會有所變化。（P.46）

*3 水箱內有水時，將少量加濕，水箱內的水將有所減少。如果不想加濕，請倒掉水箱和水盤內的水。

*4 適用面積是 [H (快速)] 運轉時的面積。“空氣淨化”運轉依據“日本電機工業會標準 (JEM1467)”、“加濕空氣淨化”運轉依據“日本電機工業會標準 (JEM1426)”。

● 本產品不可在電源電壓及電源頻率不同的其他國家使用，且不提供售後服務。

● 不能去除香煙中的有害物質一氧化碳。

Panasonic Corporation

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