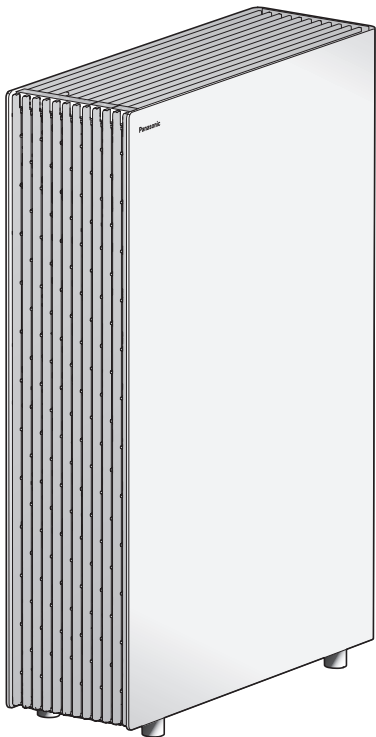


OPERATING INSTRUCTIONS

Air Purifier

Model No. F-PXZ65H

This product is for indoor use only



CONTENTS

SAFETY PRECAUTIONS	2~4
SETTING AND OPERATING REQUIREMENTS ..	4~5
PRODUCT FEATURES	5
MAIN PARTS IDENTIFICATION	5~6
SETUP	6~7
<hr/>	
OPERATION	8
• POWER OFF/ON	8
• AIR VOLUME	8
• CHILD LOCK	8
<hr/>	
MAINTENANCE	9~11
• CLEANING METHOD	9~10
• FILTER REPLACEMENT	10
• WHEN IDLE FOR A LONG TIME	11
<hr/>	
FURTHER INFORMATION	11
FAQ	11~12
TROUBLESHOOTING	12~13
SPECIFICATIONS	13
OPTIONAL ACCESSORIES	13

CONFIRMATION
AND SETUP

OPERATION

MAINTENANCE

OTHER
INFORMATION

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.2~4) 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.

SAFETY PRECAUTIONS

Please strictly follow

- Disconnect power supply before maintenance.
- 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 experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for the safety. Children should be supervised to ensure that they do not play with the product.

The safety precautions should be strictly followed in order to prevent injury or damage to properties.

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



WARNING

Those things shown in this column indicate that there is possibility of causing death or severe injury.



CAUTION

Those things shown in this column indicate that there is possibility of causing minor injury or damage to properties.

- The following symbols are used to indicate the type of instructions that need to be followed. (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



- **Do not pull the power cord when carrying or storing the product.**

(Otherwise, the power cord may be damaged with the possibility of fire or electric shock.)

- **Do not damage the power cord or power plug.**

- Do not cut, modify, excessive distort, twist, squeeze the power cord, and do not place it near heat sources, place heavy weight on it, etc.

(Otherwise, the power cord may be damaged with the possibility of fire or electric shock.)

- **Do not use power other than the rated voltage.**

(Otherwise, the power cord may overheat and induce fire.)

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

(Otherwise, you may be hurt by the inner units with the possibility of electric shock or injury.)



- **In case of any abnormality or malfunction, stop using the product immediately and disconnect the power plug.**

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

<Examples of abnormality/ malfunction>

- The product stops operating when moving the power cord.
 - If any switches do not work.
 - If the circuit breaker is tripped or when fuse blows.
 - If the power cord or power plug becomes abnormally hot.
 - If you notice a burning smell or an abnormal sound or vibration.
 - If there is any other abnormalities or malfunction.
- Please stop using the product immediately and disconnect the power plug, and contact the dealer to check and repair.

WARNING



■ Do not touch the power plug with wet hands.

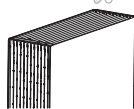
(Otherwise, electric shock may occur.)



■ Do not let the product get wet.

Do not place cups, etc. on the product.

- (Otherwise, the product may short circuit with the possibility of fire or electric shock.)



■ Do not disassemble or modify the product.

(Otherwise, the product may catch fire or malfunction, thus resulting in fire or electric shock.)

→ Contact the dealer for repair.



■ Clean the power plug regularly.

(If dust is found on the power plug, insulation may be damaged by humidity and fire may occur.)

- Disconnect the power plug and wipe it with dry cloth.
- When the product will not be used for a long period, disconnect the power plug.

■ Insert the power plug completely.

(If the power plug is not fully inserted, the power cord may be overheated, thus resulting in fire or electric shock.)

- Do not use damaged power plug or loosen power socket.

CAUTION



■ Do not clean the product with gasoline or other volatile mixture solvents, and avoid contacting with spray insecticides.

(Otherwise, the product may crack or short circuit with the possibility of injury, fire or electric shock.)

■ Do not sit on or lean against this product.

(Otherwise, the product may fall over and injury may occur or damage the product.)

- Families with children should pay more attention.

■ Do not operate this product in places where indoor fumigation type insecticides are being used.

(Chemical residue may build up inside the product and discharge from the air outlet, and cause damage to health.)

→ Ventilate the room with fresh air thoroughly after using insecticides before operating the product.



■ Do not place the product in the following places.

- Incline and unstable place.
(Otherwise, the product may fall over and injury may occur or damage the product.)
- Where the temperature or humidity is extremely high, or watery area, such as bathroom.
(Otherwise, current may leak with the possibility of fire or electric shock.)
- Where oil fume is emitted, such as in kitchens.
(Otherwise, the product may crack and injury may occur.)
- Where oil or inflammable gas is present and may be leaked.
(Otherwise, a fire may occur due to ignition in the product.)
- Where the air outlet faces animals or plants directly.
(Otherwise, it may cause discomfort to animals and dry out plant.)

SAFETY PRECAUTIONS

Please strictly follow

CAUTION



- **When disconnecting the power plug, hold the power plug instead of the power cord.**

(Otherwise, the power cord may be damaged with the possibility of fire or electric shock.)

- **Keep the room well-ventilated when using the product together with a burner.**

(Otherwise, carbon monoxide poisoning may occur.)

- This product cannot remove carbon monoxide.



- **Do not place the product near combustible materials such as lighted cigarette, incense, etc.**
(Otherwise, these may be absorbed into the product with possibility of fire.)

SETTING AND OPERATING REQUIREMENTS

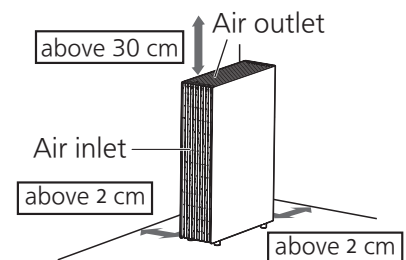
Area that can enhance the effectiveness!

- **Way to against PM2.5 and indoor dust, etc.**

Since PM2.5 or dust is likely to float in the air near the floor, we recommend you to put the product on the flat floor in the room.

- **Way to circulate air more effectively.**

Place the product with its top about 30 cm or more away from walls, furniture or curtains, etc. Otherwise, the pollutants are difficult to be cleared. To ensure effectiveness of this product, keep its left, right and back at least 2 cm away from the wall.



- **Do not set the product in the following places.**

- Where the product will be exposed directly to sunlight, outlet of air conditioner or heat, etc.
(Otherwise, deformation, degeneration, discolor or malfunction may be occurred.)
- Near equipment such as TV and radio.
(Otherwise, visual disturbances or noises may be caused.)

→ Keep the product 1 m or above away from such devices.

- **If the product is used in the same place for a long period.**

Air drawn in through the base of the product may result in dirty surrounding walls or floor. We recommend that you move the product away from where it is placed when maintaining it.

- **Do not place any object on the product.**

(Otherwise, the product may malfunction.)

- **Do not place obstacles on the product air inlet and outlet.**

(Otherwise it may affect product performance.)

- **Do not use the product in a horizontal position.**

(Otherwise, the product may malfunction.)

- **This product is designed solely for purifying indoor air. Please do not use it for other purposes.**

(Otherwise, the product may malfunction.)

SETTING AND OPERATING REQUIREMENTS

■ Do not use the same power socket with TV, radio, etc.

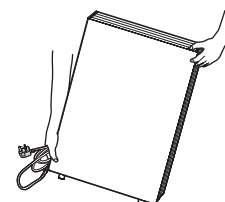
(Otherwise, visual disturbances or noises may be caused.)

→ In this case, insert the power plug into another power socket.

■ When carrying the product, please hold both sides of the product (the top of the front panel and the bottom of the rear panel). Do not pull by the power cord. Always coil the power cord and carry it in your hand during carrying.

• If the bottom of the front panel is held, it may become detached.

→ Please hold the bottom of the rear panel.



PRODUCT FEATURES

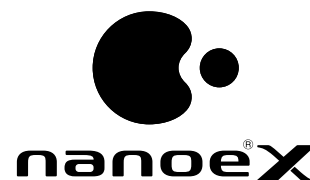
■ About nanoe® X

• The so-called nanoe® X are charged water purification particles generated by applying high voltage to separate water molecules.

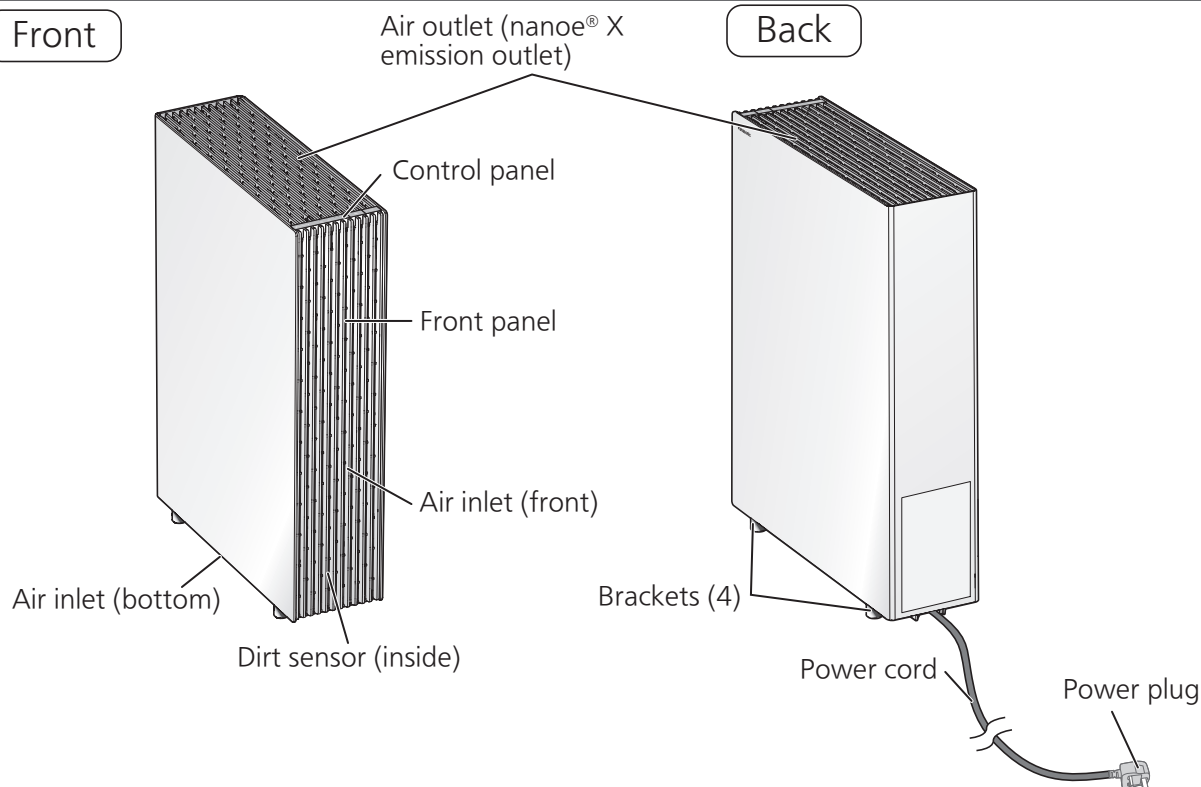
• nanoe® X features: high moisture content, small particles, high stability, etc.

1. High moisture content (the moisture content is 1,000 times the moisture content of ordinary anions).
2. Small particles (about 5 nm - 20 nm (nanometers) in size, able to penetrate deep into the fiber and stratum corneum).
3. High stability (6 times more stable than a common ion, covering a distance of 10 m or above).
4. More hydroxyl radicals (up to 9,600 billion of radicals are generated per second).
5. Weak acidity (with weak acidity features close to that of hair and skin).

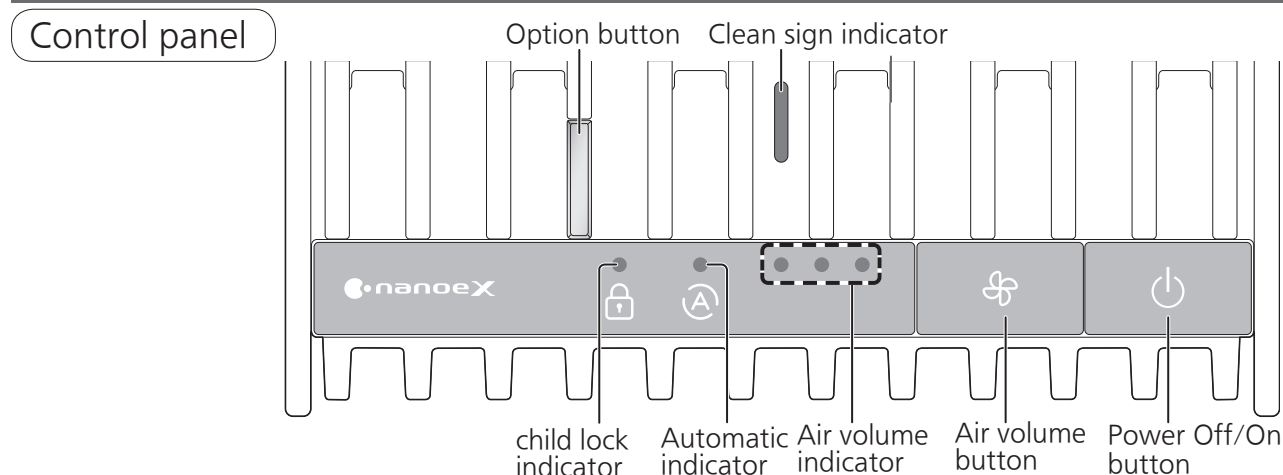
Note: nanoe® and the nanoe® mark are trademarks of Panasonic Holdings Corporation. nanoe® X are particulate ions containing hydroxyl radicals whose amount is 20 times that of nanoe®.



MAIN PARTS IDENTIFICATION



MAIN PARTS IDENTIFICATION



■ nanoe[®] X emission outlet
The nanoe[®] X function can be disabled. (Page 11)

■ Clean sign indicator
Show the air pollution levels detected by dirt sensor and prompt to replace the Electrostatic HEPA composite and formaldehyde removal filter. The sensitivity of the sensor can be adjusted. (Page 12)

Blue lights on: indicates clean
Red lights on: indicates dirty
Red and flashes rapidly: indicates the Electrostatic HEPA composite and formaldehyde removal filter need to be replaced.

SETUP

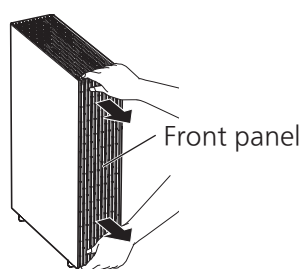
Before startup

1 Remove the Electrostatic HEPA composite and formaldehyde removal filters* (two) from the poly bag.

*Provisions according to JIS Z 8122:2000

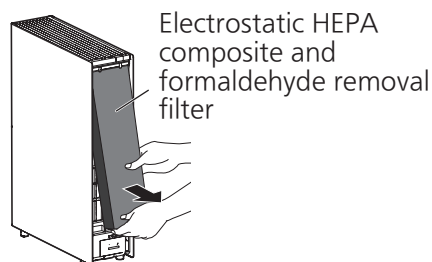
(1) Remove the front panel.

Grip the top and bottom edges of the front panel with both hands and simultaneously pull it forward.

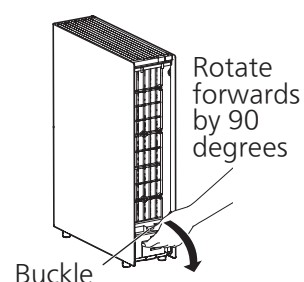


(2)① Remove the Electrostatic HEPA composite and formaldehyde removal filter.

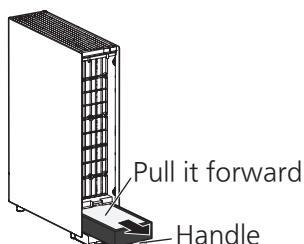
Lift the base of the Electrostatic HEPA composite and formaldehyde removal filter (front) and pull it forward.



② Press and hold the buckle at the top of the sensor box, then pull it forward and down.



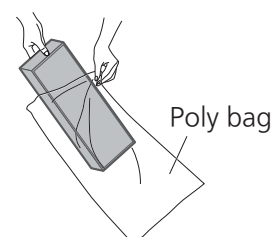
③ Grip the handle of the Electrostatic HEPA composite and formaldehyde removal filter (bottom) and pull it forward.



Notice

When using for the first time, please remove the filter along with its poly bag.

(3) Remove the Electrostatic HEPA composite and formaldehyde removal filter from the poly bag.



- When pulling out the filter, ensure there is at least 40 cm of space available.

Notice

Make sure to read page 2~4 before startup.

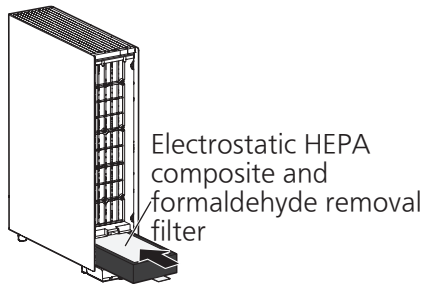
SETUP

Before startup

2 Install the Electrostatic HEPA composite and Formaldehyde Removal filters and the front panel.

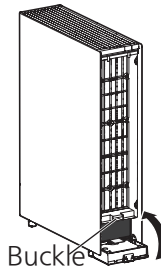
(1) Install the Electrostatic HEPA composite and formaldehyde removal filter.

- ① Insert the Electrostatic HEPA composite and formaldehyde removal filter (bottom) fully into place.
(There is distinction between front and back.)



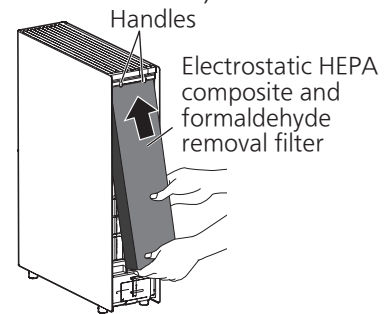
Insert it all the way with the side marked "↓" facing down.
(Please keep the handle extended.)

- ② Press and hold the buckle at the top of the sensor box, then pull it forward and down.



Press and hold until you hear a click.

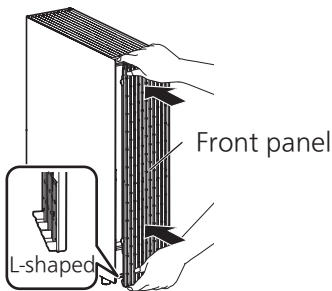
- ③ Insert the Electrostatic HEPA composite and formaldehyde removal filter (front) upward and insert it into the buckle. Then, push the bottom of the filter into place.
(There is distinction between front and back)



With the side marked "↓" facing forward, insert it into the product.

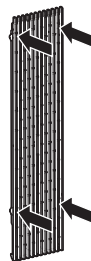
(2) Install the front panel.

Grip the top and bottom edges of the front panel, align it horizontally, and insert it into the product. Maintain pressure until you hear a click.



Insert it into the product with the L-shaped side facing down.

■ When the front panel is difficult to install



Notice

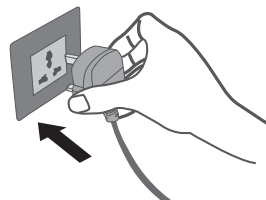
Be sure to install the front panel before use.

CONFIRMATION
AND SETUP

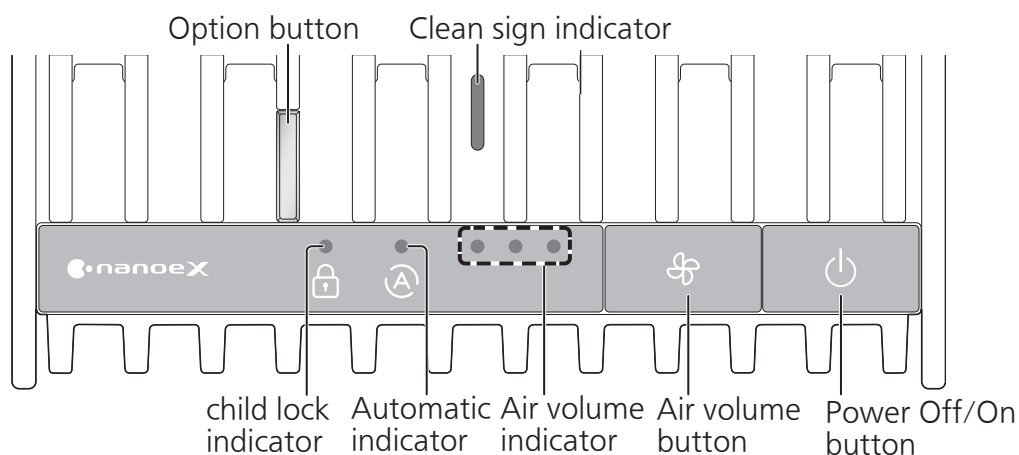
Power-on

3 Connect the power plug.

(Before plugging, wipe off the water on the power plug and your hands.)



OPERATION



Power Off/On



(The Automatic indicator lights on)

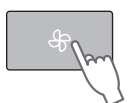
Turn on or off the product.

Press the button to operate.

The product operates in auto mode of air volume for first time usage, then it will operate based on the last used air volume when it is resumed.

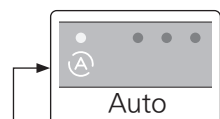
■ Press the button again, the product stops operating.

Air volume

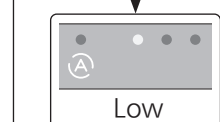


Select appropriate air volume for purifying air.

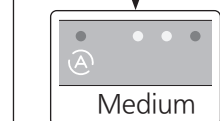
The indicator will be changed sequentially as below each time the button is pressed.



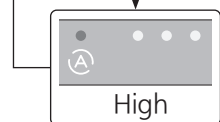
Auto: Automatically adjust the air volume according to the air pollution detected by dirt sensor, and use appropriate air volume to purify air.



Low: Operate quietly in a low speed, and purify air slowly.



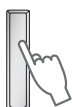
Medium: Purify air in a medium speed.



High: Purify air quickly.

(Indicator lights on)

Child lock



(Press 3 sec.)



(Indicator lights on)

To prevent child from wrong pressing.

Press the button for about 3 seconds, then the child lock is set.

With this setting, other buttons cannot operate as you press them.

■ Press the button for about 3 seconds again to cancel. (Indicator lights off)

MAINTENANCE



WARNING



Make sure to disconnect the power plug before cleaning the product.

(Otherwise, the product might operate with the possibility of electric shock or injury.)

- Do not operate the product when the Electrostatic HEPA composite and formaldehyde removal filter is removed. (Otherwise, the Electrostatic HEPA composite and formaldehyde removal filter cannot function while it is removed. Dust will be inhaled into product inner parts, and caused the product breakdown.)
- Do not leave the removed parts unattended. (Otherwise, it may cause tripping or damage.)

- Do not use the detergents shown below.



- When using chemically treated cloth, be sure to follow the instructions carefully.

Cleaning method

Body
< about once a month >

Wipe off any dust and dirt using a well wrung-out cloth

- Do not wipe it with a hard cloth or hardly. Otherwise, the surface may be damaged.
- Wipe the power plug with a dry cloth.

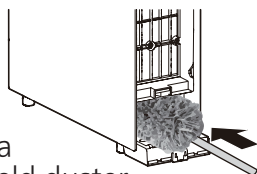
Front panel
< about once a month >

Remove any dust using a vacuum cleaner

- If there is dust that the vacuum cleaner cannot remove, it can be washed with water.
- See Page 6~7 for installation and disassembly instructions

Inside of the product

Some dust may fall out when removing the Electrostatic HEPA composite and Formaldehyde Removal filter. If the interior of the product becomes soiled, clean it with a commercially available handheld duster or a similar tool.

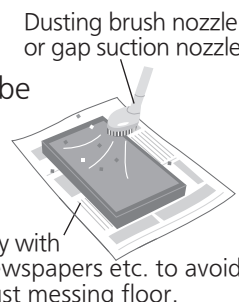


Electrostatic HEPA composite and Formaldehyde Removal filter
<about once every 2 weeks>

Clean the black side (front side) with a vacuum cleaner, etc.

See Page 6~7 for installation and disassembly instructions

- Please do not apply too much pressure, otherwise the filter may be damaged.
- Maintenance is unnecessary for the white side (back side).
- Do not wash the filter with water.



MAINTENANCE

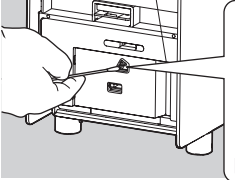

Cleaning method

Dirt sensor
< about once every 3 months >

Wipe the dirt off the lens with a dry cotton swab

① Remove the external cover of dirt sensor as shown below.

② Wipe the lens with a dry cotton swab as shown below.



Lens(top left)

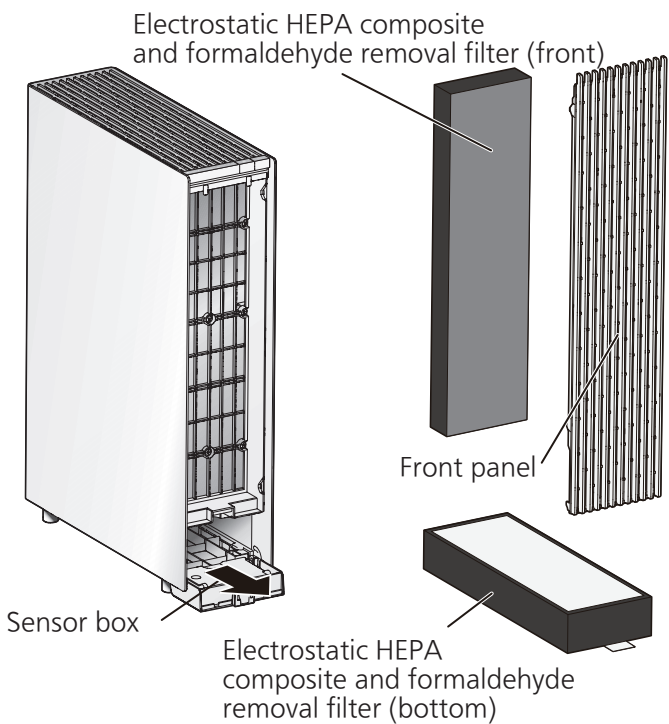
Dry cotton swab

■ Wipe the lens periodically.
(The sensor may not function normally with accumulation of moisture and smoke from cigarette.)

■ Do not insert a cotton swab in other parts.

■ You can use a light in order to see lens clearly.


■ Be sure to disconnect the power before cleaning.



Filter replacement

	Electrostatic HEPA composite and formaldehyde removal filter
Replacement period	When the clean sign indicator turns red and flashes rapidly

(Optional accessories: (P.13))

■ After replacing the filter, plug in the power plug and turn on the product, and press and hold  for about 3 seconds until the clean sign indicator stops flashing rapidly in red then the reset is complete. (To replace the filter before the clean sign indicator turns red and flashes rapidly, please observe the above procedure to reset the filter replacement period; otherwise, the indicator may not be able to correctly indicate the replacement period of the new filter. Do not perform the above procedure if the filter is not replaced; otherwise, the filter replacement period is reset.)

Notice

■ The filter which needs to exchange cannot be used again even it is cleaned, please dispose the used filter as non-flammable garbage.

■ If the product is used in a room (especially hotel) with strong odor such as aromatic smell, cigarette smoke or barbecue smell, these odors may adhere to the filter. When the adsorption capacity of filter reaches saturation, odor will also be blown out again with the wind because of excess adsorption. When there is above situation, please clean the Electrostatic HEPA composite and formaldehyde removal filter. If the situation persists, please replace the Electrostatic HEPA composite and formaldehyde removal filter, even if the clean sign indicator does not flash red rapidly. In addition, if often used in a room with strong odor, please open the windows to ventilate the room regularly.

10

MAINTENANCE

When idle for a long time

1. Disconnect power plug after turning off the product. (The product still consumes power even at rest.)
2. Maintain the product as usual.
3. Put the product into poly bag and carton, and keep it in a dry place.
(If you overturn it or keep it flat, product malfunctions may occur.)

FURTHER INFORMATION

About nanoe® X

- Conditions for nanoe® X generation
nanoe® X is generated by using the air in the room. Therefore, due to the differences in temperature and humidity nanoe® X may not be generated stably.
 - Room temperature: about 5 °C~35 °C (dew-point temperature: 2 °C or above)
 - Relative humidity: about 30%~85%
- When nanoe® X is generated, small amount of ozone will be released. However, the quantity will be far less than the level in natural environment such as forest, and not be harmful to human beings.

About dirt sensor

The sensor can detect the pollution of the air, and show the pollution level by clean sign indicator. The product can adjust the air volume according to the air pollution automatically and purify air by optimal air volume when the setting of auto mode of air volume.

Sensor	Sensing scope	May detect
Dirt sensor	<ul style="list-style-type: none">• PM2.5 (0.7 µm~2.5 µm particles)• Indoor dust (dust, dead bodies and excreta of ticks, mold spores, pollens, etc.)• Smog (cigarettes, incenses, etc.)	<ul style="list-style-type: none">• Oil, fog-stated water drip

Notice



- The dirt sensor's operation may vary depending on the indoor airflow condition if a heater is placed near the product in a room.
- The sensor is not designed to detect bacteria and viruses.

FAQ

Please confirm the following before you put questions forward or send the product for repair.

Q1 How to switch off nanoe® X ?

A

- ① Turn off the product, press and hold  button.
(The clean sign indicator alternately flashes red and blue.)
- ② When the red light flashes, release the button to switch off.
 - To restart nanoe® X, press and hold the  button again until the blue light flashes, then release.



Q3 Why is a "jee" sound from the emission outlet?

A

There is a slight sound when nanoe® X is being generated. Depends on the environment and operation mode, the sound may be a bit loud or inaudible but it is not abnormal.

Q2 How to switch off the clean indicator light ?

A

- ① During operation, press  button.
(The clean sign indicator turns off and the control panel indicator lights dim.)
 - To turn on clean sign indicator, press  button again
(The clean sign indicator and control panel indicator lights turn on.)
- ② When the filter reaches its replacement period, the clean sign indicator flashes red rapidly. First, replace the filter, perform a reset operation, and the red rapid flashing will disappear. Then, follow step ① to turn off the clean sign indicator.



MAINTENANCE

Q4

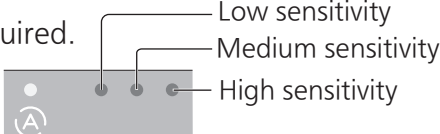
Why does the clean sign indicator remain unchanged?

A

Such problems are easy to occur when the sensitivity of the sensor is higher or lower. You can adjust the sensor with a specified sensitivity. (The default setting is “medium sensitivity” .)

① Stop operating the product, then press  and  buttons at the same time .
(The air volume indicators light on in turn.)

② Please release the buttons, when the sensitivity is set as required.



TROUBLESHOOTING

If a problem is encountered, investigate it by going through the following items.
If the problem still persists, please disconnect the power plug and contact the dealer for repair.

Possible situation	Please confirm the following
① Clean sign indicator remains red even when the operation continues.	<div>■ The indicator may illuminate red when the product is subject to steam in the bathroom or vapor emitting from sprayers.</div> <div>■ When sand flies off.</div> <div>■ Is the dirt sensor dirty? (P.10)</div> <div>■ When switching operating modes or adjusting airflow, it may take some time to detect air pollution.</div>
② Automatic operation cannot be stopped.	<div>■ Under the settings of Auto, the product will also operate by low air volume even if the air in the room is clean.</div>
③ Clean sign indicator remains blue even when the air is dirty.	<div>■ Is the product placed in area where polluted air is difficult to be cleared? (P.4, P13)</div> <div>■ Is the dirt sensor dirty? (P.10)</div> <div>■ When switching operating modes or adjusting airflow, it may take some time to detect air pollution.</div>
④ The clean sign indicator turns off.	<div>■ Has the option button been pressed?</div> <div>→ The clean sign indicator turns off when the option button is pressed during operation.</div>
⑤ Polluted air is difficult to be removed	<div>■ Is the Electrostatic HEPA composite and formaldehyde removal filter dirty? (P.9)</div> <div>→ Clean it. If the situation persists, replace the filter with a new one.</div>
⑥ The air volume is small	<div>■ Is the Electrostatic HEPA composite and formaldehyde removal filter dirty? (P.9)</div> <div>→ Clean it. If the situation persists, replace the filter with a new one.</div>
⑦ The odor from the product is unpleasant	<div>■ Is the body, front panel or Electrostatic HEPA composite and formaldehyde removal filter dirty? (P.9)</div> <div>→ Clean it. If the situation persists, replace the filter with a new one. (The harmful carbon monoxide generated by cigarette cannot be removed)</div> <div>■ Has the product ever been used in a room with strong odor?</div> <div> If the product is used in a room with strong odor such as aromatic smell, cigarette smoke or barbecue smell, the filter replacement period may be shortened.</div> <div>→ If you use the product in such environments, it is recommended to open the air ventilation system or open the windows to ventilate the room at the same time. If there is still strong odor to be blown out after the maintenance, please replace the Electrostatic HEPA composite and formaldehyde removal filter and deodorizing filter, even if the clean sign indicator does not flash red rapidly.</div>

TROUBLESHOOTING

If any of the following cases occur, please contact the dealer immediately for repair.

All the air volume indicators are blinking	■ Product may be out of order. → Please disconnect the power plug and contact the dealer for repair.
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SPECIFICATIONS

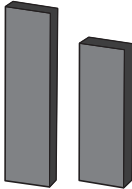
Model No.	F-PXZ65H		
Power supply	220 V~ 50 Hz		
Air volume settings	High	Med	Low
Power consumption (W)※1	42	7.5	4
Air volume (m³/min)	6.3	2.6	1.3
Floor area capacity※2	Up to 44 m² in a standard household room		
Power cord length	1.8 m		
Product dimension	125 mm x 380 mm x 552 mm (WxDxH)		
Product weight	5.1 kg		

- ※1 The power consumption is about 0.3 W when the operation is set to “Off”.
(With the power plug inserted.)
- ※2 Floor area capacity is based on JEM1467, under the condition of high speed operation.
(Japan Electrical Manufacturers’ Association)
- Note: This product cannot remove hazardous substances such as carbon monoxide from the cigarette smoke.

OPTIONAL ACCESSORIES

■ Replacement Electrostatic HEPA composite and formaldehyde removal filter

Part No.: F-ZXZF65H



OTHER INFORMATION

Call the dealer

• All the air volume indicators are blinking.
Product may be out of order. Please disconnect the power plug and contact the dealer for repair.

Panasonic Corporation