

Specifications/Other accessories

Specifications

Model number	F-PXF35M		
Power supply	220V ~ 50Hz	220V ~ 60Hz	240V ~ 50Hz
Air Volume settings	Hi	Med	Lo
Power Consumption (W) (※)	21	9	6
Operation noise(dB)	44	32	18
Air Volume (m ³ /min)	3.5	2.0	1.0
Floor area capacity	Up to 26m ² in a standard household room		
Power cord length	2.0m		
Product dimension	520 mm x 300 mm x 189 mm (H x W x D)		
Product weight	4.8 kg		

(※) It consumes around 0.8W electricity when the operation is set to " OFF " .

Other accessories(sell separately)

- Replacement composite air filter

Part No.: F-ZXFP35X



- Replacement deodorizing filter

Part No.: F-ZXFD35X



Call the dealer

All air volume indicator are flickering.

Main unit is breakdown.

Please disconnect power plug and contact to the dealer for repairs.

Panasonic Corporation

Web Site : <http://panasonic.net/>

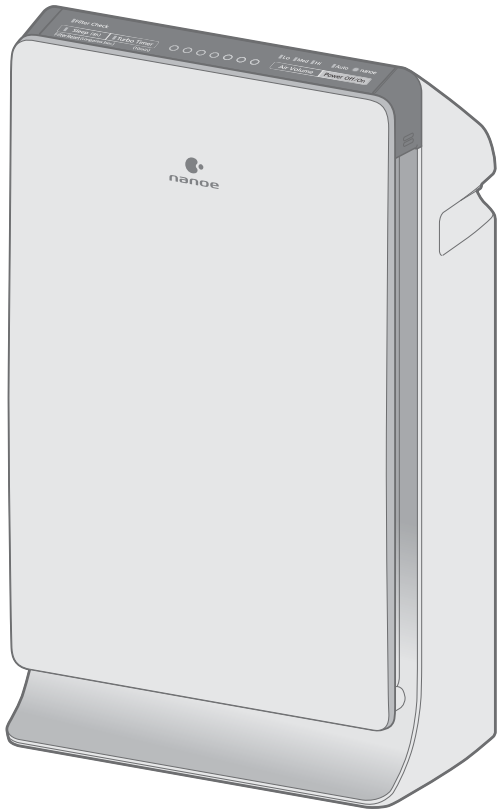
Panasonic[®]

Operating Instructions

Air Purifier

Model No.: **F-PXF35M**

This product is for indoor use only.



Contents

	Page
Parts identification	3
Safety precautions	4
Operating requirements	5
Preparation	6

Operating methods	8
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Care and maintenance	10
●General timetable for filter replacement	10
●When idle for a long time	11

FAQs	12
Troubleshooting	13
Further information	14
MEMO	15

Specifications/Other accessories	Back cover
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Confirmation and preparations

Operating methods

Care and maintenance

Troubleshooting

Thank you very much for purchasing this Panasonic product.

- Please read these operating instructions carefully in order to use the product correctly and in a safe manner.
- Also, be sure to read the “Safety precautions” section (page 4-5) before use.
- Keep the operating instructions in a safe place for future reference.

'House dust catcher' and 'nanoe™' give you clean and fresh air.

- 'House Dust Catcher' completely cleaning dust from the air near the floor
- Equipped with 'nanoe™' technology.
- Slim and compact design

■ About 'nanoe™'

'nanoe™' is a microparticle ion wrapped in water that is derived from the latest technology.

With 'nanoe™' technology, the effect of sterilization ※1, inhibiting allergic substance ※2, inhibiting mold bacteria ※3 and deodorization ※4 can be achieved. Furthermore, it creates an atmosphere that is conducive for beautiful, hydrated skin.

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



- The actual effect differs according to the room condition and the method of use.
- This product is not a medical equipment.

※1 < airborne bacteria >

- Testing organization: Kitasato Research Center of Environmental Sciences
- Test method: Directly expose and measure the bacteria count collected in testing space of 10m³.
- Sterilization method: release nanoe™
- Target: airborne bacteria
- Test outcome: inhibited 99% and above in 240 minutes. Test number 21_0142 <adhered bacteria>
- Testing organization: Kitasato Research Center of Environmental Sciences
- Test method: measure the bacteria count soaked in the fabric inside the 1 m³ test container.
- Sterilization method: release nanoe™
- Target: bacteria clinging onto the standard fabric.
- Test outcome: inhibited 99% and above in 24 hours. Test number 20_0154

- ※2 ● Testing organization: Panasonic Electric Works Analysis Center Co.Ltd
- Test method: directly expose in 45L test container and measure with ELISA method.
- Inhibiting method: release nanoe™
- Target: allergic substance (pollen) clinging onto clothes etc.
- Test outcome: inhibit 99% and above in 120 minutes.E02-080303IN-03

※3 ● Test client: Japan Food Research Laboratories.

- Test method: measure change in bacteria count in test room measuring 6 tatami mats.
- Sterilization method: release nanoe™
- Target: airborne mold bacteria
- Test outcome: inhibit 99% and above in 60 minutes. 205061541-001

※4 ● Testing organization: Environmental Control Center

- Testing method: verify with six-stage odor intensity indication method in test room measuring 6 tatami mats.
- Deodorizing method: release nanoe™
- Target: adhered cigarette odor
- Test outcome: reduction of odor intensity to 1.5 in 180 minutes H039491001001DA/ A reduction of 1 in odor intensity mean a reduction of 90%.(odor intensity scale 1 implies 'very weak smell which is difficult to detect')

MEMO

Further information

About “nanoe™”

- Generating environment
- ‘nanoe™’ is generated using the air in the room and hence, depending on the temperature and humidity, there can be incidences whereby nanoe™ is not stably generated.
 - Conditions for generations
Room temperature: About 1°C-40°C
(dew-point temperature: more than 0°C)
Relative humidity: About 20% to 85%

※ Please achieve the above conditions using an air purifier.
- Small amount of ozone will be generated
- When nanoe™ ion is generated, small amount of ozone will be released. However, the quantity will be like the usual level in forest or natural environment, and not harmful to human beings.

Functions of the dirt sensor

The sensor can detect the dirtiness of the air, and then indicate the dirtiness through Clean Sign. The unit can optimize the air volume automatically in automatic operation.

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

Functions of the sensor	
Detects	<ul style="list-style-type: none">• Odor from cigarettes, incense, cooking, pets.• Cosmetics, alcohol, sprays, etc.
May detect	<ul style="list-style-type: none">• Humidity (water vapor), oil fumes.• Sudden temperature changes such as when a door is opened.

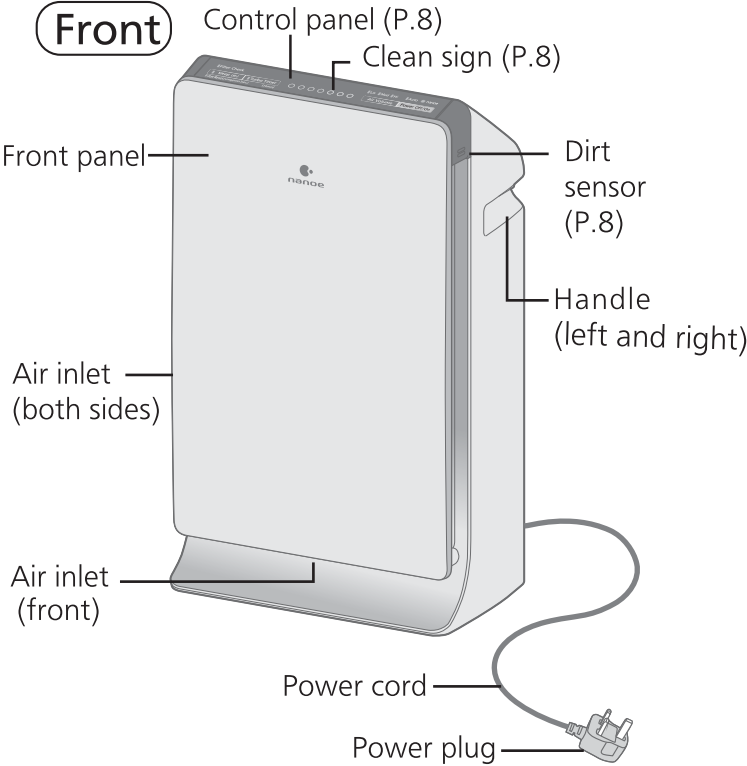
Function of the composite air filter

With the bio-sterilization and super allergy buster functions of the dust collection filter, allergic substances (pollen, annoying dung of dead mites), fungus, mold bacteria can be inhibited.

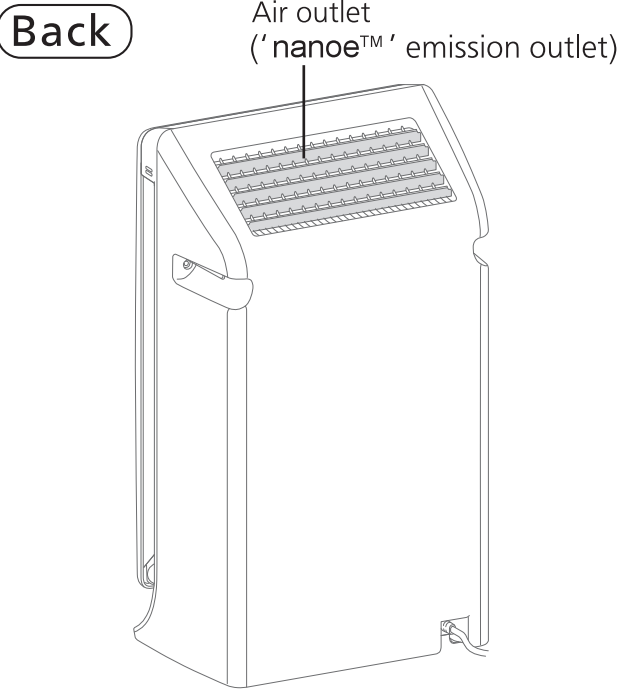
- **Bio-sterilization: Inhibit fungus^{※1}, mold bacteria^{※2}.**
 - ※1 Testing authority:(Foundation)Japan Food Research Laboratory.
Testing method:Confirmation by using Harrow method.
Inhibiting method: Contact with bio-sterilization.
Target: Bacteria trapped in the filter.
Testing result:More than 99% inhibition.No 204051292-002
 - ※2 Testing authority:(Foundation)Japan Food Research Laboratory.
Testing method:Verify the method to prevent mold bacteria(Halo method).
Inhibiting method: Contact with bio-sterilization.
Target: Mold bacteria trapped in the filter.
Testing result:Verify the effectiveness of preventing mold bacteria using the Halo Test
No 207060074-002
- **Super Anti-bacterial: inhibits the activity of allergens (pollen ,house-dust mites and their waste products).**
 - Testing authority:Osaka Municipal Technical Research Institute
 - Testing method:Check the decrease of refined house dust mite allergen,by using enzyme immune measuring method.
 - Inhibiting method:Contact with Super allergy buster.
 - Target :Allergy substances trapped by the filter (mites,pollen).
 - Testing result: More than 99% inhibition. Daiku research report No.2127
- The composite air filter can give off unique and harmless smell of “Green Tea Catechin”, “ Anti - bacterial Enzymes ” and “ Super Alleru-buster ”.



Parts identification



(Type of plug depends on the requirement of each country)



Confirmation and preparations

Safety precautions

Always observe these precautions

These safety precautions are provided for your protection. Please read and follow them carefully to avoid unnecessary injury and 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 specifically 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.

■ This manual uses a number of other symbols to indicate additional information for a particular item. (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



■ **Do not pull on the power cord when carrying or storing away the unit.**

(It may cause a short-circuit or damage the wires inside the cord, and fire or electric shocks may occur.)

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

(Electric shock may occur.)

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

Power cord must not be damaged, modified, bended excessively or pulled. Also do not place heavy objects on it. (electric shock or fire may occur.)

- Consult with distributors to carry out any repairs to the cord and plug.

■ **Do not use overloaded wall socket or wiring equipment, and do not use a power supply other than specification.**

If the wall socket is overloaded, fire due to overheating 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 loose wall sockets.



■ **Periodically clean the power plug.**

If dust builds up on the power plug, humidity may cause damage to insulation and may result in fire.

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

■ **Be sure to disconnect the power plug before cleaning the unit.**

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



■ **Do not use the product within the reach of children.**

(Causes of electrical shock or injury)

■ **Do not clean the product with acid detergents or detergents that contain chlorine.**

(These detergents can give off harmful gas.)

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

(The contact with the inside of the product may cause an electric shock or injury.)



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

(Disassembling or modifying the unit may result in malfunctions or fire.)

- Consult with distributors to carry out any inspection.



■ **Do not let the unit get wet.**

(Otherwise a fire and electric shock may be caused due to short circuit.)

Troubleshooting

If a problem is encountered, investigate it by referring first to the table below. Please disconnect power plug and connect to the dealer for repairs.

Symptom	Check point/Solution
The air volume is small	<ul style="list-style-type: none">● Is the composite air filter dirty? (P.10) → Clean it. If the symptoms persist, replace the filter with a new one.
The odor from the unit is unpleasant	<ul style="list-style-type: none">● Is the main unit, the front panel or the filter dirty? (P.10 and P.11) → Clean it. If the symptoms persist, replace the filter with a new one. (The unit cannot remove the harmful carbon monoxide generated by cigarette.) Has it ever used in a room with strong smells? If the unit is used in a room where people smoke or barbecue, a shorter replacement cycle of filters may be required. → When the unit is used in such an environment, we recommend you use the ventilation system of the room simultaneous.
Polluted air is difficult to be removed	<ul style="list-style-type: none">● Is the composite air filter dirty? (P.10) → Clean it. If the symptoms persist, replace the filter with a new one.
Cannot set up Sensor Sensitivity	<ul style="list-style-type: none">● Is the purifier turned on? → Sensor Sensitivity cannot be set up unless the air purifier has stopped.

In any of the following cases, please contact your dealer immediately.

All air volume indicator are flickering	<ul style="list-style-type: none">● Main unit is breakdown. → Remove the power plug and bring the equipment for repair at the sales outlet.
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FAQs

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

Q1 Is there a 'jee' sound from the emission outlet?

A ● There is a slight sound when **nanoe™** is taking place.
Depending on the usage environment and operation mode,the sound may seem to be loud or inaudible but these are not abnormalities.

Q2 The clean sign remains red even when the operation continues.

A ● The indicator may illuminate red when the unit is subject to steam or vapor emitting from sprayers.

Q3 The clean sign remains blue even when the air is dirty.

A ● Is the unit placed where dirty air is difficult to clear or the room size is too large for the unit?
(P.5 and Back cover)

CAUTION



Do not put the unit in the following places:

- Where safety is not guaranteed.
(Causes of falling over and injury)
- Where the temperature or humidity is too high, or water is present, such as a bathroom.
(The unit may leak current and electric shock or fire may occur.)
- Places where oil content is airborne, such as in kitchens.
(Otherwise, injury may be caused due to cracks.)
- Where oil or inflammable gas is present and may be leaked.
(Otherwise, a fire or smoke may be caused due to ignition in the unit.)
- Where the air outlet faces animals or plants.
(Causes of dehydration due to wind)



Do not let volatile substances or burning items such as cigarette or incense get inside the unit.

(Fire may occur.)



Do not clean the unit with solvents such as alcohol or thinner, and avoid contact with insect sprays.

(The unit may become cracked and injury may occur, or the unit may short-circuit and cause electric shock or fire.)



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

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

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



Do not ride on top or lean on it.

(Causes of injury or damage)



When shifting it, use the handles on the right and left sides.

(Lifting the front panel may cause it to drop and cause injuries)



When unplugging the power plug, grasp the power plug instead of the power cord.

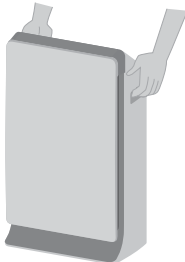
(Otherwise, a fire or electric shock may be caused due to wire breakage or short circuit.)



Ventilate the room if using this unit together with a heater.

(Carbon monoxide poisoning may occur.)

- This unit cannot remove carbon monoxide.



Attention

If any of the following conditions occur, turn off the unit and contact with the dealer or service center immediately.

- If any of the switches doesn't work.
- If the circuit breaker is tripped or a fuse blows.
- If the power cord or plug becomes abnormally hot.
- If you notice a burning smell or an abnormal sound or vibration.
- If there is any other abnormality or malfunction.

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 unit 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 unit by a person responsible for the safety.

Children should be supervised to ensure that they do not play with the unit.

Operating requirements

■ Forbidden places of placement

- Where the unit will be exposed to direct sunlight or direct blowing of air conditioner.
(Otherwise, deformation, degeneration, discolor and malfunction may be caused.)
- Near a TV set or radio
(Otherwise, visual disturbances or noises may be caused)
→Keep it 1 m or above away from such devices. If the power plug is inserted into an outlet near such devices, visual disturbances or noises may be caused. In this case, insert the power plug into another outlet.

■ If the air purifier is used in the same place for long periods

Using it continuously at the same location may result in the walls or the floor surrounding the equipment to become dirty.
We recommend that you move the unit away from where it is placed for maintenance.

It would be effective if placed here!

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

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

■ To circulate the air efficiently around the room

To prevent the air inlet or the air outlet from being blocked, install the equipment with its left, right and the top about 30 cm or more away from walls or furniture, curtains etc. To ensure efficient use of this unit, keep its back at least 5 cm away from the wall.

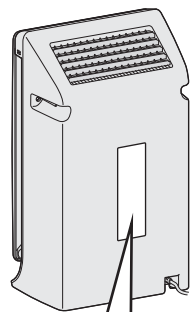


Preparation

Before startup

Installing filters

1 Fill in the label with the first date of use.



■ Composite air filter replacement
● About once per 3 years.

Replacement composite air filter
Part No. **F-ZXFP35X**

Date installed: YYYY/MM/DD

■ Deodorizing filter replacement
● Replace a new one when the deodorizing function becomes less effective
(About once per 3 years)

Replacement deodorizing filter
Part No. **F-ZXFD35X**

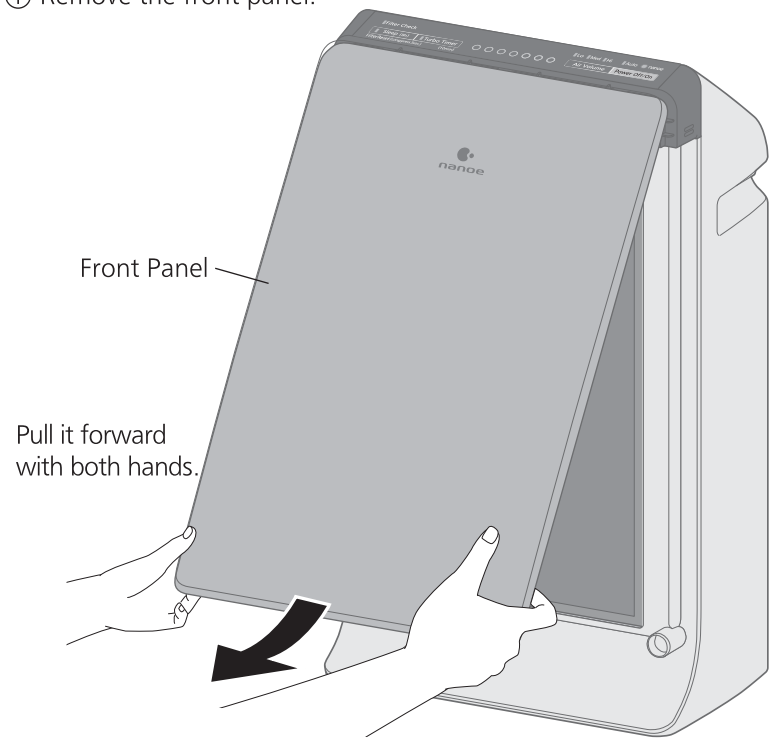
Date installed: YYYY/MM/DD

Note

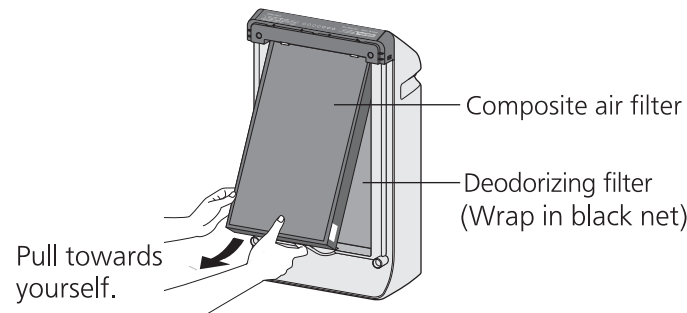
- Be sure to read P.4 to 5 before installation.

2 Remove the deodorizing filter from the poly bag.

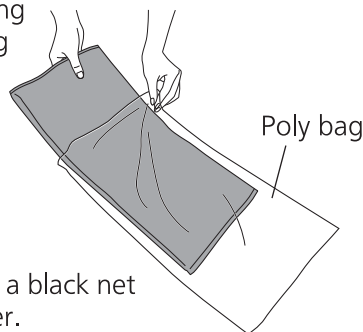
① Remove the front panel.



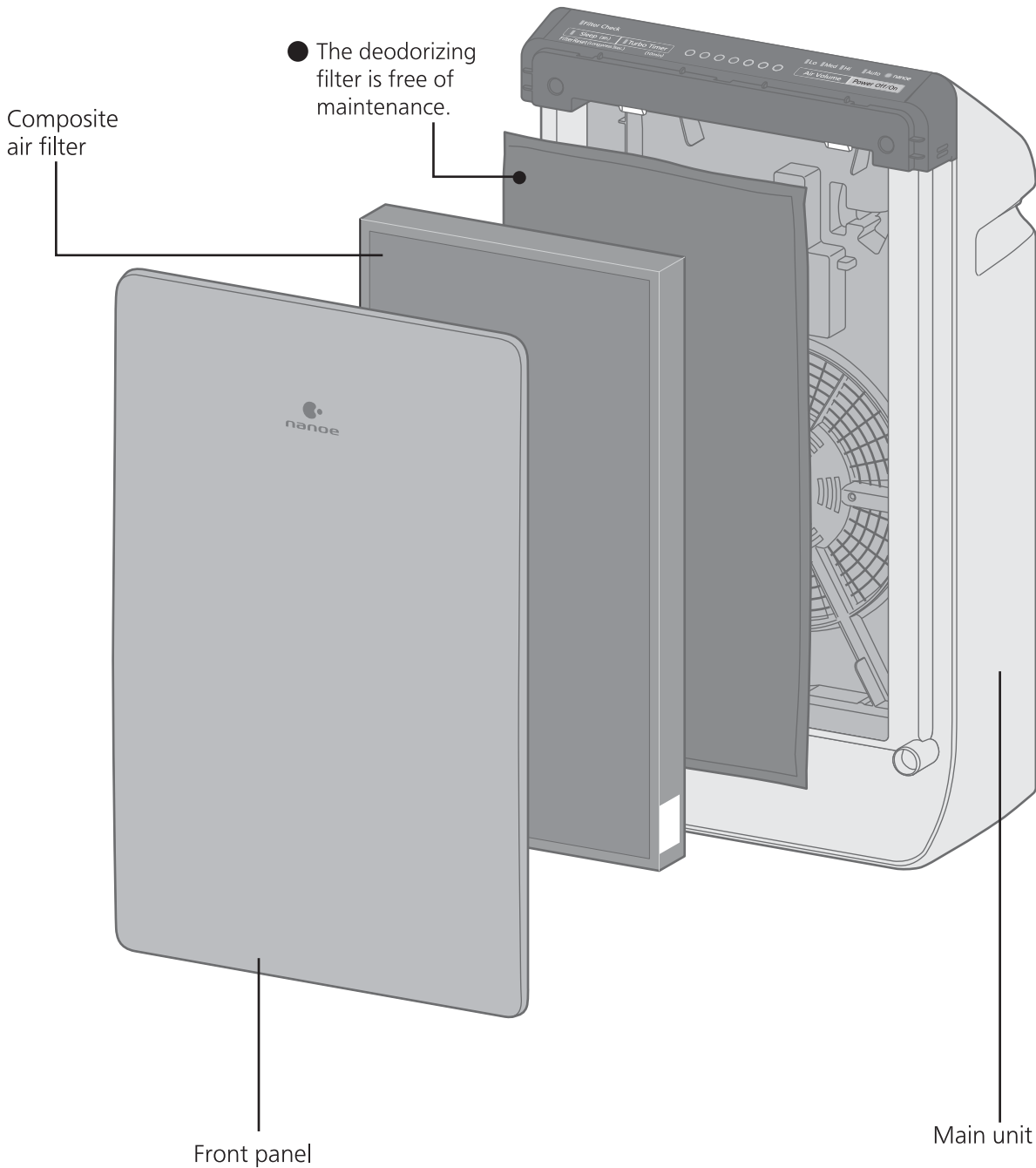
② Remove the filter (2 types)



③ Remove the deodorizing filter from the poly bag



※ Please don't remove a black net of a deodorizing filter.



When idle for a long time

- ① Unplug the power cord. (The unit still consumes power even at rest.)
- ② Maintain it as usual.
- ③ Wrap the unit with polythene wrapper and keep it in a dry place.

Care and maintenance

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

- Do not use the detergents shown on the right.



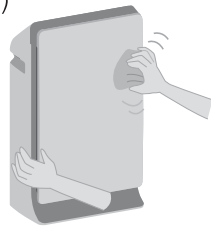
- When using chemically treated cloth, be sure to follow the instructions carefully.

Main unit and front panel

< Once a month or so >

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

- Do not wipe it with a hard cloth or too much force. Otherwise, the surface may be damaged. (Installation and removal methods of the front panel → P.6)



- Wipe the power plug with a dry cloth.

⚠ CAUTION

When the front panel is removed.



- Place the front panel on a stable surface horizontally. (When placed leaning, it may fall and cause injuries.)



Composite air filter

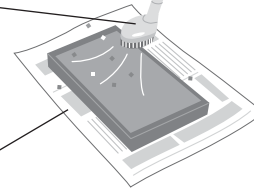
< Once a fortnight or so >

Suck the black side (front side) with a vacuum cleaner.

(Installation and removal methods → P.6)

Dusting brush
nozzle or gap
suction nozzle

Lay with
newspapers etc.



- Delicate. Do not apply too much pressure.
- The back (white) side is free of maintenance.
- Never wash the filter with water.

General timetable for filter replacement.

When the filter exchange indicator lights up, it is an indication for exchange (once every three years)

1. Remove the power plug.
 2. Remove the front panel, and retrieve the old composite air filter to exchange a new one. (refer to p. 6-7 on methods of removal or attachment.
 3. Fill in the usage start date and paste it on the equipment. (Refer to p. 6 on where to paste.)
 4. Push in the power plug.
 5. When the **Sleep (8h)** is pressed for about three seconds, the filter exchange indicator is switched off and reset.
- The indication for exchange of filter is when six cigarettes have been smoked daily. (Japan Electrical Manufacturers' Association standards)
 - ※ Filter replacement period may be shorter than normal, depending on the using environment and method. (For example, in household where smoking is frequent.) Please replace whenever the air purifier is ineffective.
 - Please dispose of the used filter as non-flammable rubbish.

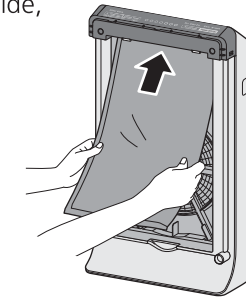
Note

- Do not operate the unit when the composite air filter is removed. Dust will be inhaled into unit inner parts, and causes the unit breakdown. The composite air filter can not function while it is removed.
- Do not operate the unit when the deodorizing filter is removed. The deodorizing filter can not function while it is removed.
- When cleaning, do not leave the removed parts unattended. (parts left unattended may be cause of tripping or they may be damaged)

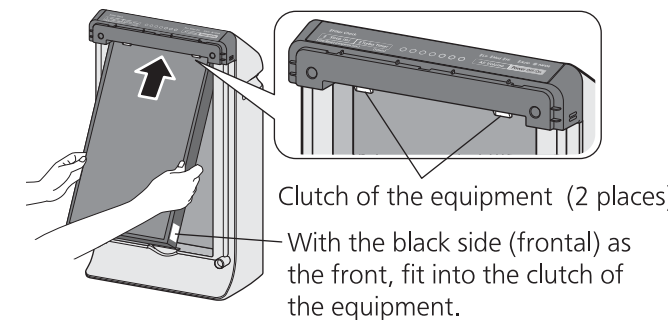
Power-on

3 Install the filters (two kinds) and front panel.

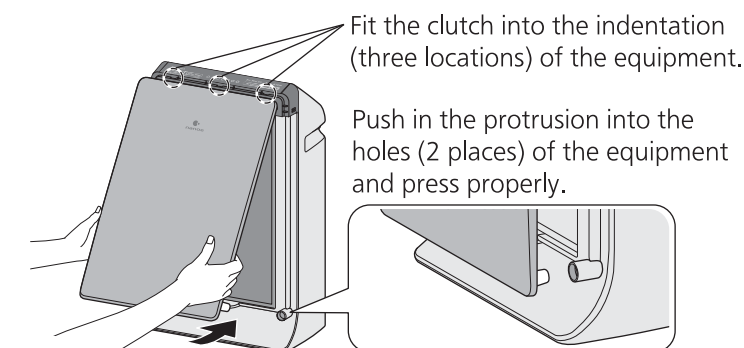
- ① Install the deodorizing filter. (No distinction between the inside and outside, upper and lower.)



- ② Install the composite air filter.



- ③ Install the front panel.



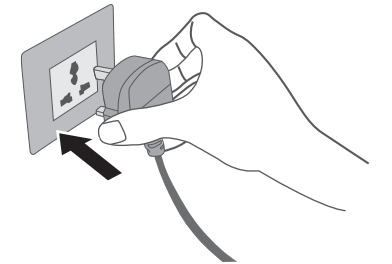
※ Be sure to attach the front panel for use.

Note

- Do not press the composite air filter too hard. (Otherwise it may be damaged.)

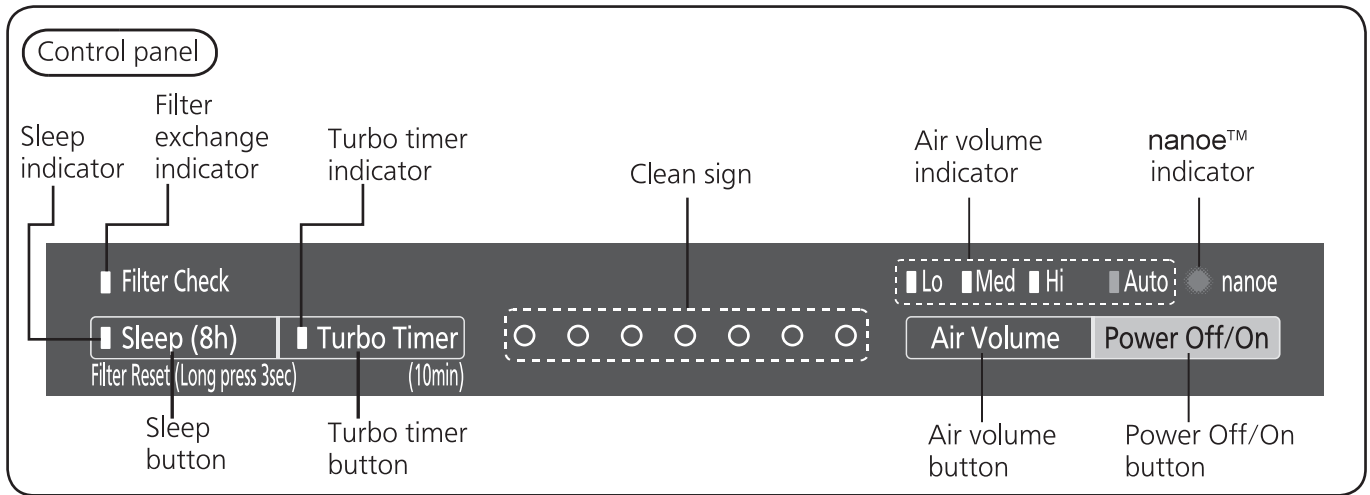


4 Connect the power plug.



- When inserting the power plug, as the dirt sensor uses the degree of cleanliness at this time as the standard, we recommend that you plug it in when the air is fresh (when there is no cigarette smoke). (The standard of the dirt sensor automatically updates itself according to the degree of the indoor cleanliness.)

Operating Methods



Sleep(8h)

Sleep (8h)
(The indicator is on)

When this button is pressed, the clean sign will be switched off and weak operational mode will begin. After eight hours, the sleep operation will end. (sleep indicator is off)

- When you want to deactivate it. Press the button again. (The indicator turns off.)

Clean sign

The 'dirt sensor' detects dirt in the air and notifies with the sign (lamp).

○ Clean
○ Dirty
○ Very dirty

When you want to switch off the clean sign

■ When sleeping

The clean sign can be switched off.

Press the **Sleep (8h)** and **Air Volume** simultaneously for about three seconds during operation (Press again when you want it to light up.)

Turbo Timer

Turbo Timer
(The indicator is on)

Press this button to begin 'turbo' operation. During speed timing operation, the clean sign will flash in blue or red. After 10 minutes, the turbo operation ends and will return to the previous operation mode.

- When you want to deactivate it. Press the button again. (The indicator turns off.)

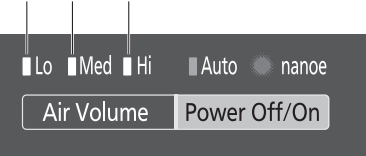
To change the sensitivity of the sensor

The sensitivity of the sensor can be changed according to the location placed.

- ① Under the condition when the operation is 'off', press and hold down **Turbo Timer** and **Air Volume** simultaneously. (The Air Volume indicator will light up sequentially)
- ② Remove your finger from the button when your desired sensitivity is reached.

Sensor sensitivity

Lo Med Hi



- Please set it to "High" when the sensitivity is poor.
- When the unit is used for the first time or powered on again, it will be set to "Medium" automatically.

1 Start the unit.

Power Off/On

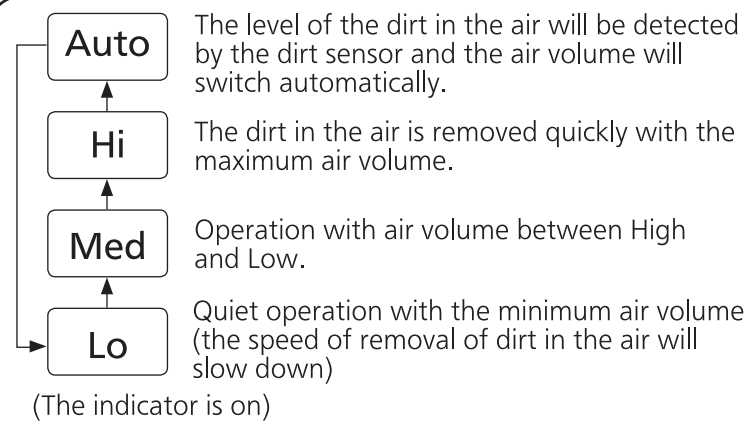
(Air Volume indicator lights up)

- When using for the first time or inserting the power plug again, operation will begin with the Air Volume under 'Auto'. (The clean sign will flash in blue or red for about five seconds and auto operation will begin.)
- Other than the above situations, operation will begin with the air volume from the last time it was stopped.
- When the dirt sensor is in a state of preparation, the 'Auto' indicator will flash regardless of the operation mode. (When the power plug is removed and re-inserted, the indicator blinks as well.)

2 Select Air Volume

Air Volume

It will switch every time it is pressed.



3 Stop operating.

Power Off/On

(Air volume indicator will be switched off)

'nanoe™' indicator

Indicator to notify that 'nanoe™' is taking place.

- The indicator lights up in all operation modes.
- 'nanoe™' can be closed.
 - Press and hold down **Turbo Timer** and **Sleep (8h)** at the same time for about 3 seconds during operation. (The 'nanoe™' indicator is switched off.)
 - To allow 'nanoe™' to take place again, press again for about three seconds. ('nanoe™' indicator lights up)

CAUTION



When shifting it

- Use the handles on the right and left sides. (Lifting the front panel may cause it to drop and cause injuries)

