

Panasonic®

Operating Instruction Air Purifier

Model No. **F-P04DXZ**

This product is for indoor use only.



Includes Warranty

Thank you very much for purchasing **Panasonic®** Air Purifier.

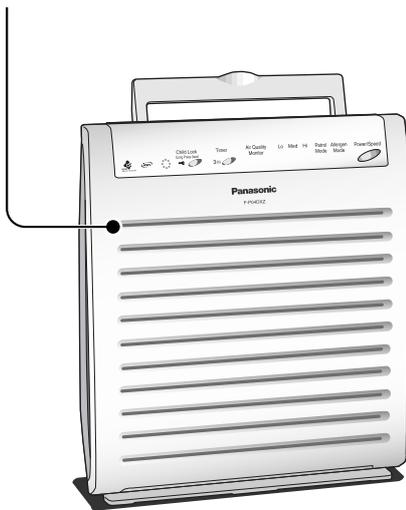
- Please read the Operation Instruction and Warranty terms carefully in order to use the Air Purifier correctly.
In particular please also read the "Safety Precautions" section (page 4 and 5) before use. Keep the instructions in a safe place for future reference.
- Correct information shall be written on warranty card including date of purchase and name of distributor. Warranty Card shall be provided upon purchase.

Use wisely to save power

An Air Purifier that

Fight against allergens* and viruses

Composite air filter



The composite air filter combines Super alleru-buster, Green tea Catechin and anti-bacteria function.

Super alleru-buster

- To inactivate allergens*

To restrain the activity of allergens* caught by filter.

- Testing unit: Osaka Municipal Technical Research Institute
- Testing method: Apply with enzyme immunoassay method proving the reduction on refined allergens.
- ★ The allergens mean the substances causing allergy, and major allergens are house dust, mites (corpse/excreta), pollens, fungus or mold spore, and hair and peeled skin from pets.

Green tea catechin

- To inactivate viruses.

To restrain the activity of viruses caught by filter. Catechin is a natural element extracted from green tea.

- Testing Unit: Kitasato Research Center of Environmental Sciences.
- Testing method: to use rack method for proving the non-activity rate of virus.

The composite air filter has unique fragrance from catechin that does no harm to human body.

Anti-bacteria

- To remove both bacteria and mold.

To restrain the reproduction of bacteria caught by filter.

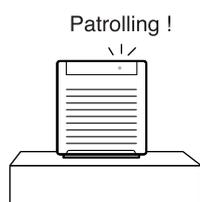
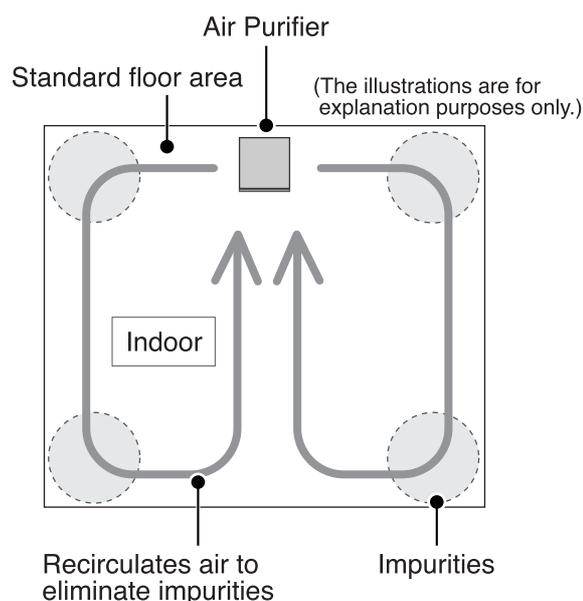
- Testing Unit: Japan Food Research Laboratories
- Testing method: Result confirmed by applying an outdoor planting method in a standard outdoor culture center

AIC patrolling

Air Intelligent Control

Patrol function operates periodically for air re-circulation purpose that can detect unexpected pollutants.

( Page 8)



(The illustrations are for explanation purposes only.)

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Safety 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

Do not disassemble or modify this appliance.



Disassembling or modifying the appliance may result in malfunctions or fire.

Do not take part or break up the unit!

Consult with distributors to carry out any inspection.

Do not let the appliance get wet.



Short-circuits or electric shock may occur.

Do not get wet !

Do not use overloaded wall socket or wiring equipment, and do not use a power supply other than 220V AC.



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

No!

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.

Do not touch the power plug with wet hands.



Electric shock may occur.

No wet hands !

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 appliance for long period, disconnect the power plug.

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



(Power cord must not be damaged, modify, bend excessively, pull, twist or wrap into a bundle. Also, do not place heavy objects on top of it or clamp it.)

If damaged power cord is being used, electric shock or fire may occur.

No!

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

Be sure to disconnect the power plug before cleaning the appliance.



The appliance may start operating unexpectedly and electric shock may occur.

Unplug!

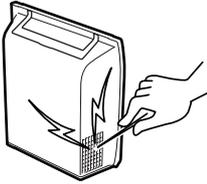
Always observe these precautions.

WARNING

Do not insert pins or other metallic objects into the air inlets or air outlets.



No !



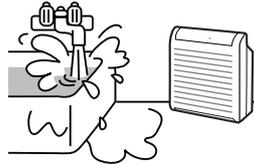
If metallic objects touch the interior of the appliance, electric shock or injury may occur.

CAUTION

Do not use the appliance in places such as bathrooms with high temperature and high humidity and where the appliance may get wet.



Do not get wet!

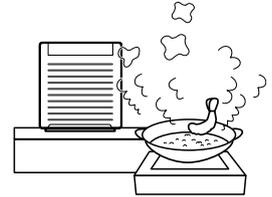


The appliance may leak current and electric shock or fire may occur.

Do not use in places where oily particles are present.



No !

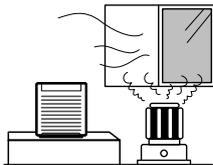


The appliance may become cracked and injury may occur.

This appliance shall not be used as a ventilating device.

CAUTION

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



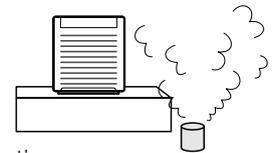
Carbon monoxide poisoning may occur.
This appliance cannot remove carbon monoxide



No!

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

Chemical residue may build up inside the appliance and become discharged from the air outlet and cause a health hazard.

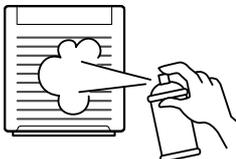


Ventilate the room well after using insecticides before operating the appliance.

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

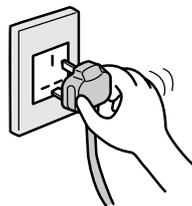


No!



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

When disconnecting the power plug, hold the plug, not the cord.

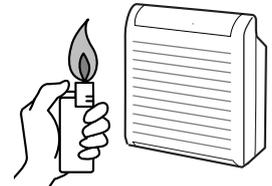


If the cord is pulled directly, it may cause short-circuit or damage the wires inside the cord.
Fire or electric shock may occur.

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



Keep away from flames!



Fire may occur.

Attention

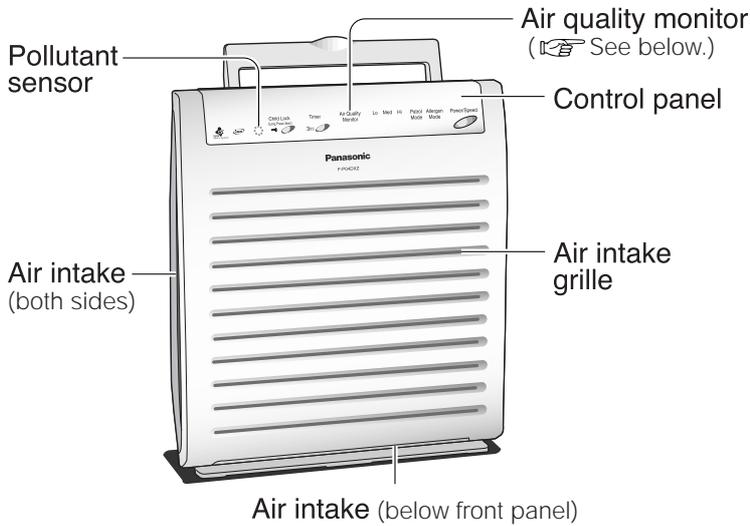
If any of the following conditions occur, turn off the unit and contact with the dealer or service center immediately.

- 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.

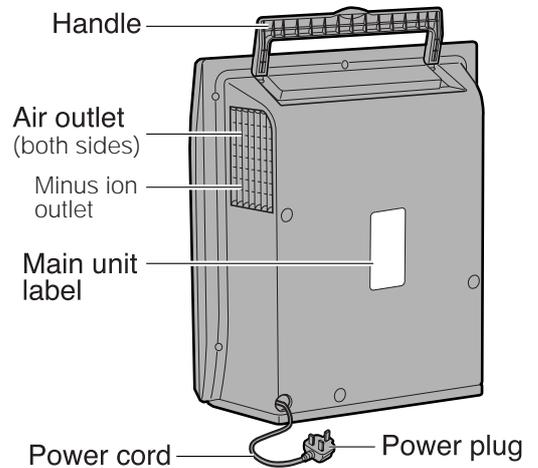
If the supply cord is damaged, it must be replaced by the manufacturer, service agent or qualified technicians in order to avoid a hazard.

Part identification

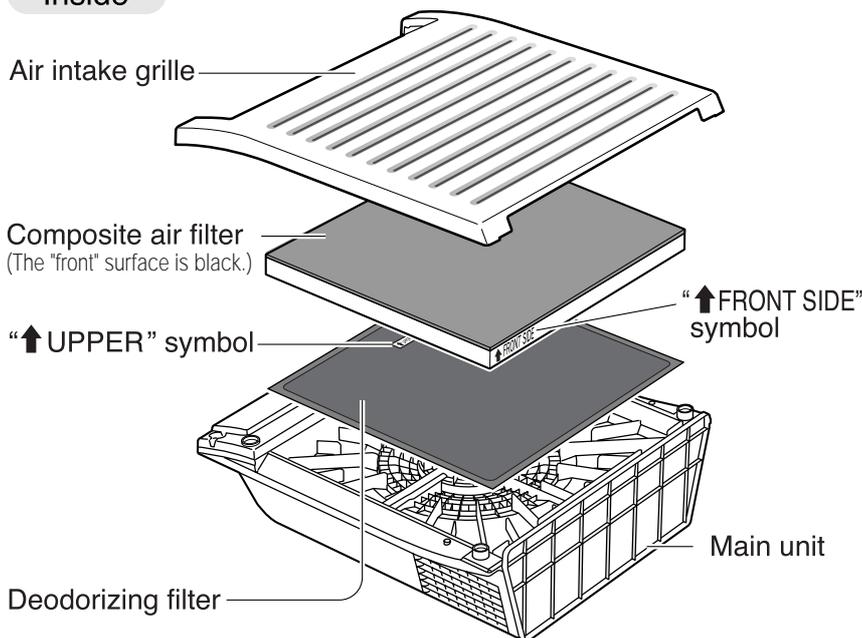
Front



Rear



Inside



Removes cigarette and kitchen odors.

The hazard substance in cigarette smoke (including carbon monoxide) can not be removed.

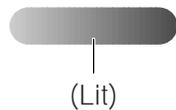
Reading the air quality monitor

Cigarette, cooking, and other odors detected by the pollutant sensor are shown by the color of the indicators.

More blue indicators mean cleaner air.

- Blue ... Clean
- Blue - Red ... Dirty
- Red ... Very dirty

Air Quality Monitor



Important:

Do not use this unit without the composite air filter.

- Dust will collect inside the main unit and malfunction may occur.
- The unit may no longer remove allergens, viruses, molds, or bacteria. (See page 2)

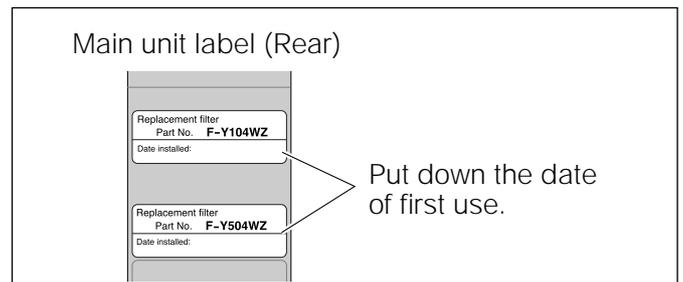
Do not use this unit without the Deodorizing filter is removed.

- The unit may no longer remove odors.

Before use

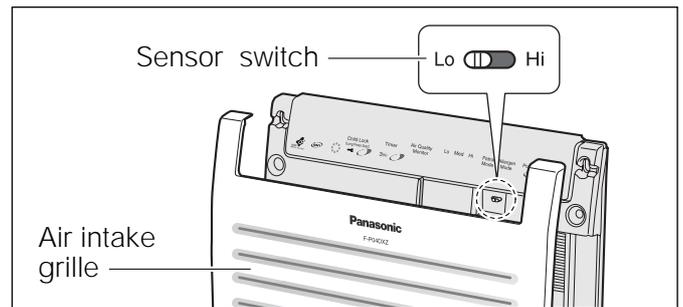
1 Put down the date of first use on the label at the rear on the air purifier

Write the date you begin using the air purifier on the label of the main unit. This can be used as a guide for replacing the composite air filter and deodorizing filter.



2 Remove the air intake grille, and set the sensor switch.

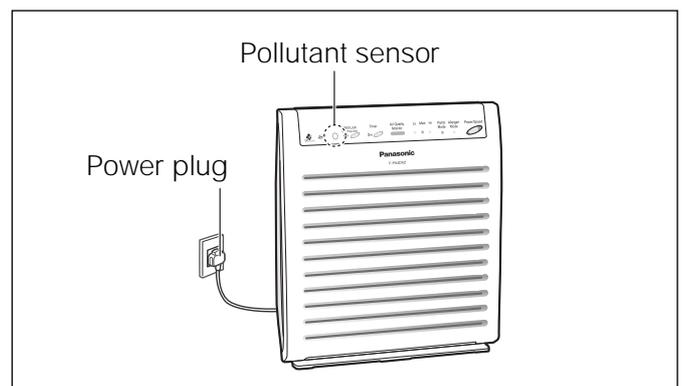
The sensor switch is normally set to "Lo". If you feel that the sensitivity is too low, set it to "Hi".



3 While the room air is clean, insert the power plug into a wall socket.

The sensors record and set pollution standard of the indoor air after the power plug is inserted.

- Eliminated odors from the room as such as possible before inserting the power plug. (Pollutant sensor characteristics page 8)

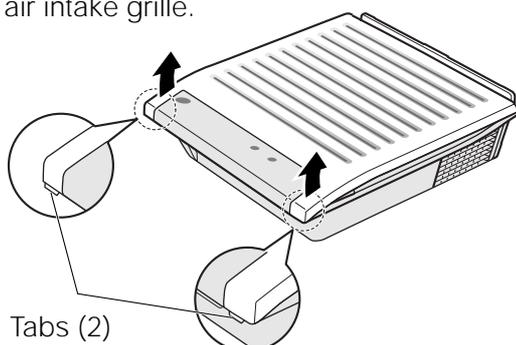


Air purifier location

- Leave a distance of at least 30 cm between the air inlet and the wall or nearby furniture in order to allow the air in the room circulates freely.
- Position the air purifier at least 1 meter away from appliances such as TVs and radios.
- Do not run the air purifier from the same wall socket as a TV or radio. (Picture or sound interference may occur.)
- If air purifier is used in the same place for a long period of time, the wall surfaces around the air purifier may become dirty.

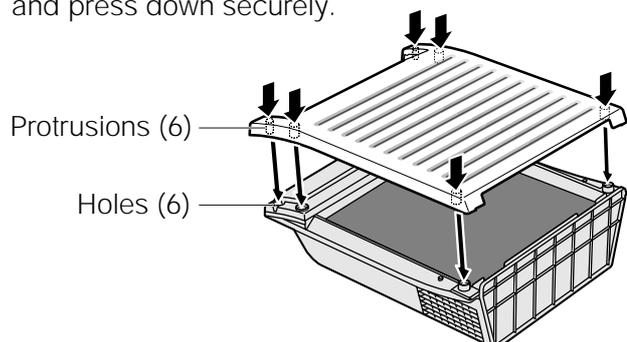
Removing the air intake grille

Pull up on the tabs (2) on the top of the air intake grille.

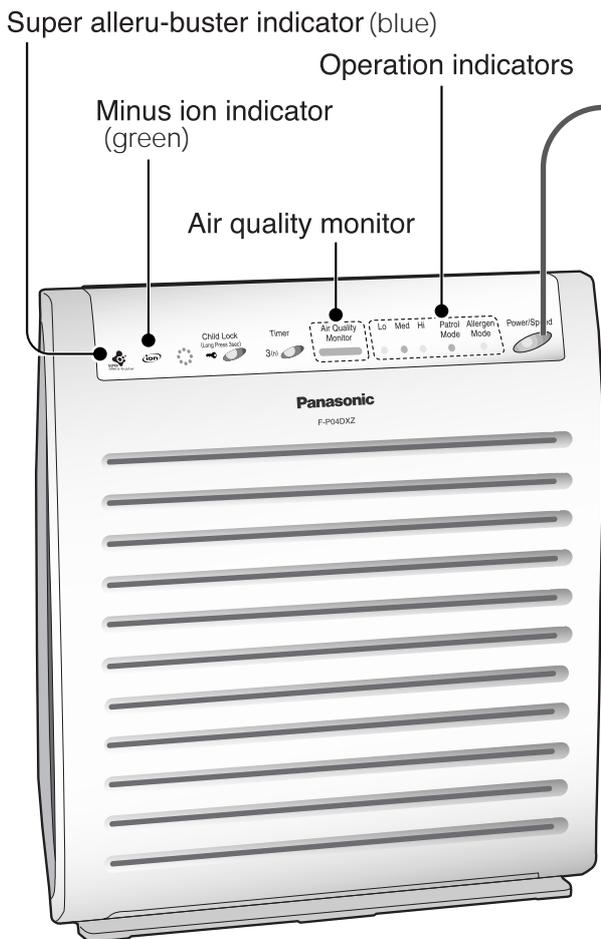


Installing the air intake grille

Insert the protrusions (6) on the inside of the air intake grille into the holes (6) in the main unit, and press down securely.



Using the air purifier



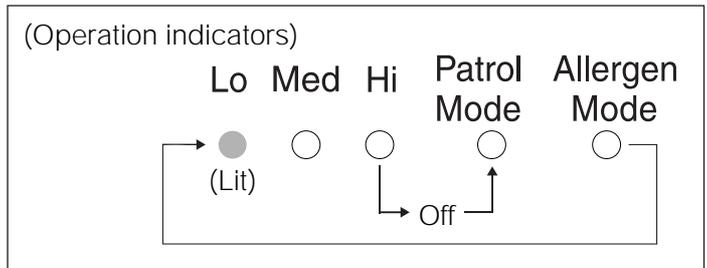
Power/Speed
Press.

The air quality monitor, Super alleru-buster, Minus ion, Patrol Mode, and operation "Med" indicators come on.

The operation mode changes each time the button is pressed:
"Patrol Mode" "Allergen Mode" "Lo" "Med"
"Hi" "Off".

After inserting the power plug for 2 minutes, the Patrol Mode indicator will flash if the Power / Speed button is pressed.
(During this time, the Patrol Mode function cannot be used.)

If you select "Power/Speed", the unit shuts down and all indicators go off.



Predict pollutants and stand by for air purification

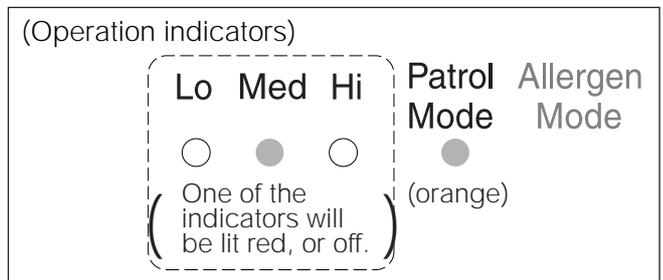
Patrol Mode



A Patrol Mode operation is performed.

- A cycle of operation for 10 minutes and off for 50 minutes is repeated.
(Operation is performed with an air speed of "Mid".)

If pollutants are detected while the unit is off, it will start at the fan speed corresponding to the level of pollution detected.



Pollutant sensor characteristics

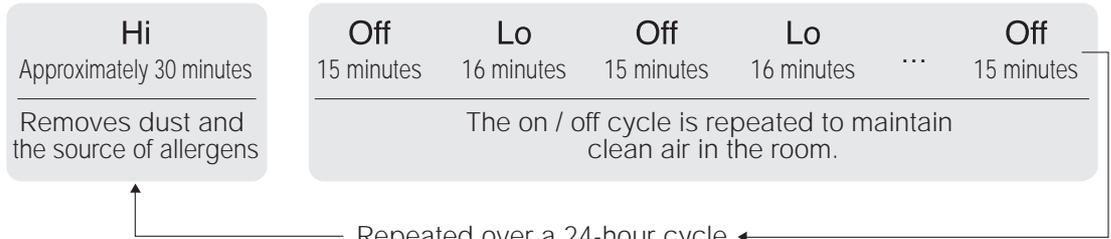
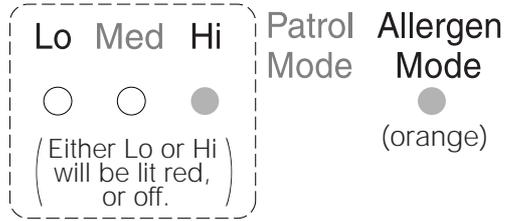
	Detects	May detect	Does not detect
	Odors from cigarette, incense, cooking and pets. Cosmetics and alcohol. Sprays.	Humidity (water vapor). Oil fumes. Sudden temperature changes such as when a door is opened.	House dust (dust, dead mites, mite droppings, mold spores, pollen). Bacteria and viruses.

Removing efficiently allergens

Allergen mode



(Operation indicators)



If pollutants are detected while the unit is off, it will automatically come on with a fan speed of "Lo".

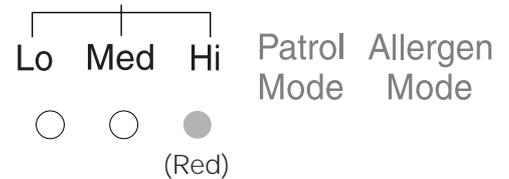
Removing home dust quickly

Hi



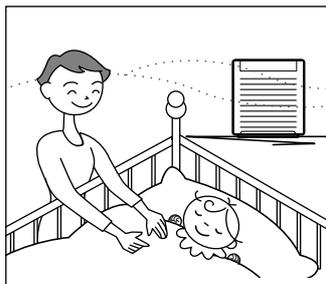
(Operation indicators)

Continuous operation



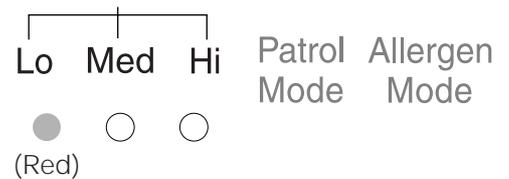
Quiet operation at night

Lo



(Operation indicators)

Continuous operation



Note:

- Performance of the pollutant sensor might be affected nearby operating humidifier, heater, oil fumes source or external polluted environment.
- The pollutant sensor detects cigarette, kitchen, and other odors.
- It cannot detect pollen and other types of house dust. For pollen and dust, set the unit in continuous operation mode (either "Hi" or "Med").

When the unit is running, minus ions are emitted from the air outlet.
(The minus ion indicator will come on.)

- Minus ion are microscopic particles that create a negative electrical field in the air. They are produced in abundance in natural settings such as forests and waterfalls.

A "beep" will sound when changing the operation mode.

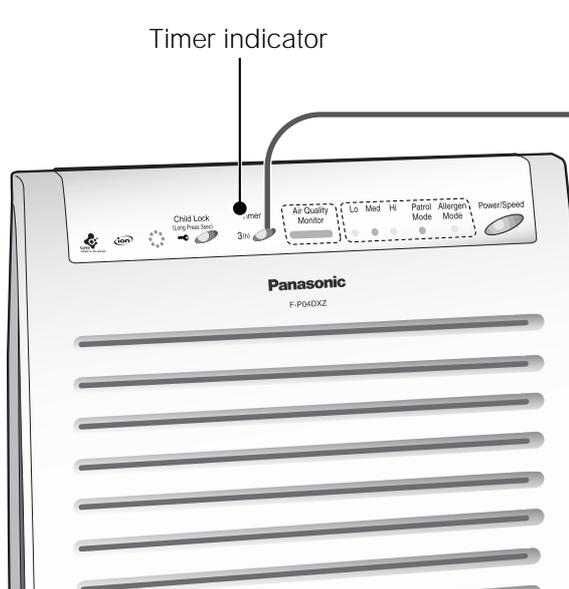
Important:

If not using the air purifier for a long period of time, turn it off and disconnect the power plug from the wall socket to save electricity.
(The air purifier will consume approximately 1.4W of power even when unit is turned off.)

Using the air purifier

Using the timer

To use the timer, first press the Power/Speed button.



Timer

Press.

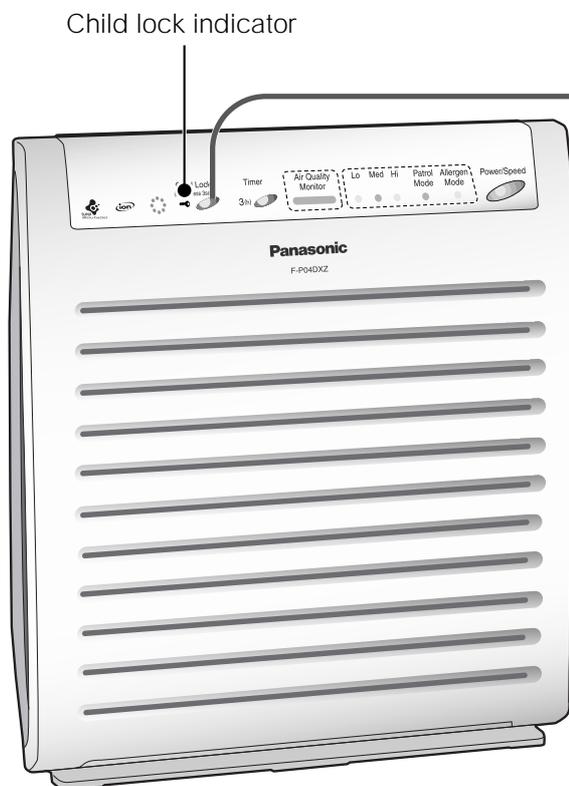
You can set the timer to 3 hours.
(The timer indicator comes on.)

Press the button once more to
turn the timer off.

3(h)
(Lit)

Using the child lock

Use the child lock to prevent children from operating the unit.



Child Lock

Press and hold for
3 seconds to turn
the lock on.

You will hear a "beep",
and the child lock function is
turned on.
(The child lock indicator comes on.)

(Long Press 3sec.)
 (Lit)

- If the child lock is turned on while the unit is running ...
- The unit will become locked in that operation mode, and no buttons other than the child lock button can be operated.
 - If any other button is pressed, an alarm will sound to indicate that it cannot be operated.

- If the child lock is turned on while the unit is stopped ...
- No buttons other than the child lock button can be operated.
 - If any other button is pressed, an alarm will sound to indicate that it cannot be operated.

Turning off the child lock

Press and hold the child lock button for 3 seconds.

- You will hear a long "beep", and the child lock will be turned off.
(The child lock indicator will go off.)

Care and maintenance

Be sure to unplug the power supply before maintenance.

Do not use water to wash the main unit.

Do not use any of the substances shown at right hand side for cleaning the unit. (They may cause warping or discoloration.)

If using a chemically-treated cloth, follow the instructions provided with cloth.



Cleaning the main unit

once a month

Soak a cloth in natural household detergent, wring it dry and wipe away the dirt.



Cleaning the air intake grille

once a month

Soak a cloth in natural household detergent, wring it dry and wipe away the dirt.

For stubborn stains, wash with water and dry thoroughly.

Removing and Installing the air intake grille. (👉 page 7)



Cleaning the composite air filter

once a month

Use a vacuum cleaner to suck away the dirt.

Use a shelf nozzle (with brush), narrow nozzle, or similar attachment.

Important:

Do not press the vacuum cleaner onto the filter. Filter will be damaged.

Do not use water for cleaning. Filter will be disabled and become ineffective.



Care and maintenance

Filter replacement period

Replace both the composite air filter and deodorizing filter approximately in every 2 years.

Replace when the deodorizing function becomes less effective .

Note:

The replacement period for filters may be shorter than normal, depending on the location and method of use (for instance, in household where smoking is common).

The replacement period for filters may be shorter than normal, depending on the location and method of use (for instance, in household where smoking is common).



Replacing the filters

Purchase a replacement filter (☞ page 14) and install it as indicated in "Removing/installing the filters." (☞ See below.)

Use newspaper or complementary to prevent the surrounding area from scattering of filtered substances during replacement.

After replacing the filters

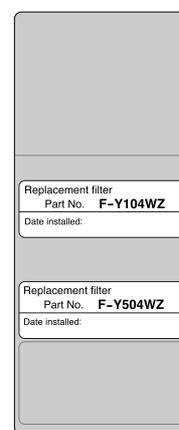
Put down the date of replacement on the accessory filter label (sold separately; see the figure to the right), and affix it over original label.

Used filters

You cannot wash and reuse used filters.

Dispose of used filters as non-combustible refuse.

Original label



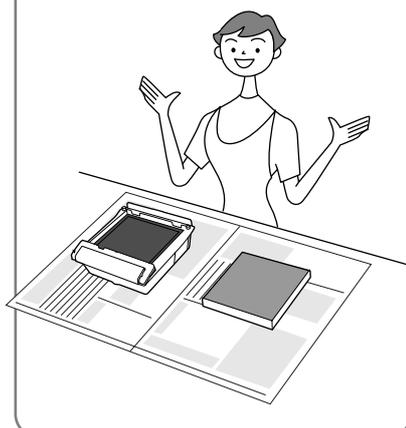
Accessory label

Replacement filter
Part No. F-Y104WZ
Date installed:

Replacement filter
Part No. F-Y504WZ
Date installed:

Removing/installing the filters

Use newspaper or complementary to prevent the surrounding area from scattering of filtered substances during replacement.

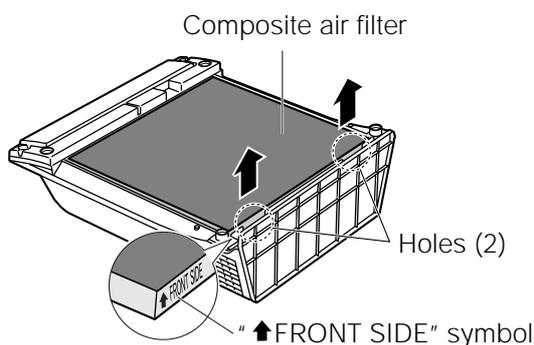


Composite air filter

Remove the air intake grille. (☞ page 7)

Carefully remove the filter from the holes (2) in the main unit

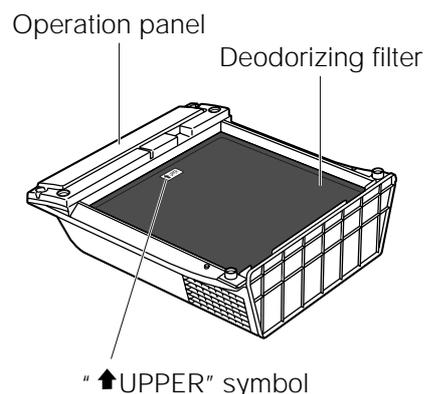
Install the filter with the "↑ FRONT SIDE" facing the air intake grille.



Deodorizing filter

The deodorizing filter is located below the composite air filter.

Install the deodorizing filter with the "↑ UPPER" symbol facing the operation panel.



Troubleshooting

Check the following before asking for service.

If the problem still persists,
disconnect the power plug and contact an authorized dealer or the store where the unit was purchased for repair.

Symptom	Check / Remedy	Page
The air purifier does not operate.	Is the power plug connected securely to the wall socket?	7
Operation does not stop in "Patrol Mode".	The pollutant sensor may be affected by steam (water vapor), oil fumes, sprays or gases from a heater.	8
The air quality monitor remains "red".	Is the sensor switch set to "Hi"? Set the sensitivity to "Lo".	7
Odors are not extracted properly.	Is the main unit or air intake soiled? Clean the main unit and/or air intake grille. If this does not solve the problem, replace with a new the deodorizing filter with a new one.	12
Impurities are not extracted from the air properly. The air filter operates noisily.	Is the composite air filter dirty? Clean the composite air filter. If this does not solve the problem, replace with a new the composite air filter with a new one.	12
The air purifier does not operate even though the air is dirty. The air quality monitor remains "blue".	Is the air purifier placed in a location where it is difficult to filter air pollutants? Move the air purifier to a different location. Or, set the operation mode to "Hi".	7.9
	Are you using the air purifier in a room that is too large for it?	14
	Is the sensor switch set to "Lo"? Set the sensitivity to "Hi".	7
Symptom	Operation is Normal	Page
The air purifier operates even though the air is clean. The air purifier operates even though the Air quality monitor is in "blue".	Is the "Patrol Mode" function on? The "Patrol Mode" function is circulating room air to detect pollution.	3.8

Replacement filters

● **Composite air filter**
Part No.: F-Y104WZ

● **Deodorizing filter**
Part No.: F-Y504WZ

Specifications

Model No.	F-P04DXZ		
Power supply	220 V ~ 50 Hz		
Fan speed settings	Hi	Med	Lo
Power consumption (W) ¹	72.0	28.5	15.5
Air volume (m³/min.)	3.2	1.8	1.1
Minus ion amount	Approx. 10,000 ions/cm ³		
Floor area capacity	Up to 25 m ² in a standard household room		
Power cord length	3.0 m		
Size (H × W × D)	456mm x 410mm x 141mm		
Weight	5.7 kg		

¹: The air purifier continues to draw approximately 1.4W of power even when in "Stop" mode.

Minus ion generation method: Electrical discharge method

Notes on the minus ion amount:

- The minus ion amount is the value measured in our company's laboratory (approx. 10m²) at a temperature of 20° C and relative humidity of 60%, at a distance 1 m from the air outlet while minus ions are being generated during "Hi" operation.
(Measurement apparatus: KST-900 ion tester manufactured by Kobe Denpa)
- The amount of minus ion may vary depends on the operation environment.
(such as room temperature, humidity and level of air contaminants).

MEMO

Customer's record

The model number and lot number of this product can be found on the side of the unit. Please record them in the space provided and keep for future reference.

MODEL NO. F-P04DXZ	LOT NO.
DATE OF PURCHASE	DEALER'S NAME
DEALER'S ADDRESS	
TELEPHONE NUMBER	

Matsushita Electric Industrial Co.,Ltd.

Web Site : <http://www.msc.panasonic.co.jp/global/>