



Humidifying air purifier

Floor Standing Type

Model

MCK555AVM-W

English

Humidifying Air Purifier OPERATION MANUAL



- Thank you for purchasing this humidifying air purifier.
 - Please read the operation manual carefully and follow it for correct and safe use.
 - Please read the “Safety Precautions” section before use.
- Please keep the operation manual in a safe place for later reference.

►Page 2-5

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in different languages.



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The images in this manual are for illustrative purposes only.
The English text is the original instruction.
Other languages are translations of the original instructions.

Safety Precautions

- Observe these precautions in order to prevent property damage or injury.
- The consequences of incorrect use are categorized as follows:


 WARNING	 CAUTION
Failure to follow these instructions properly may result in personal injury or loss of life.	Failure to follow these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.


- Precautions to be observed are categorized using symbols:

 Never attempt.	 Be sure to follow the instructions.
--	---


 **WARNING** Observe in order to prevent fire, electric shock or severe injury.

- Concerning the power supply plug and cord

-  **Do not unplug while the unit is in operation.**
(Fire due to overheating or electric shock may result)
- Do not plug in or unplug with wet hands.**
(An electric shock may result)
- Do not use in such a way that the ratings of the power socket or wiring appliances are exceeded or use a voltage outside of the range AC220-240V.**
(Fire may result from overheating if the ratings of multi-socket power adapters, etc., are exceeded)
- Do not pull on the power supply cord when unplugging.**
(Overheating or fire may result from wire breakage)
- Do not perform actions that might break the power supply plug and cord.**
–Such actions including damaging, modifying, forcibly bending, pulling, twisting, bundling up, placing heavy objects on the power supply plug or cord.
If the power supply plug or cord is damaged, please contact the place of purchase.
(An electric shock, short circuiting or fire may result from use while damaged)

-  **Insert the power supply plug firmly all the way in.**
–Do not use a damaged power supply plug or a loosely fitted power socket.
(Electric shock, short circuiting or fire due to overheating may result if the power supply plug is not firmly inserted)
- Periodically wipe dust off the power supply plug with a dry cloth.**
–If the unit is not to be used for a prolonged period, unplug the power supply.
(Fire may be caused by defective insulation resulting from dust buildup with moisture, etc.)
- When performing maintenance, inspecting, moving the unit, or refilling the water tank, be sure to turn off and unplug the unit.**
(An electric shock or injury may result)


- Unit

-  **Do not use flammable sprays (hair spray, insecticides, disinfectants, air dusters, etc.) or deodorisers on the unit.**
(Do not use such articles where there is a risk of suction into the unit)
- Do not wipe the unit with benzine or thinner.**
(Fire, deformation of the unit, cracking or other faults may result)


Safety Precautions

 **WARNING** Observe in order to prevent fire, electric shock or severe injury.


■ Do not use in the following places

-  • **Places where oil or flammable gases are used or may leak.** (Fire or smoke may result from ignition or suction toward the unit, or injury may result from degradation or cracking of plastic)
- **Places where there are corrosive gases or metal dust particles.** (Fire or smoke may result from ignition or suction toward the unit)
- **Places where temperature and humidity levels are high or water may splash, such as a bathroom.** (Fire or an electric shock may result from electrical leakage)
- **Places accessible to small children.** (An electric shock or injury may result)
- **Places where the floor is unstable.** (Household items etc., may get wet, or a fire or an electric shock may result if the unit falls over)

■ During use

-  • **Do not use chlorinated or acidic detergents.** (Harm may be caused to health from the production of toxic gases, or injury may result from degradation or cracking of plastic)
- **Keep burning cigarettes or incense sticks away from the unit.** (Fire or smoke may result from ignition or suction toward the unit)
- **Do not attempt to disassemble, reconstruct or repair the unit yourself.** (Fire, an electric shock or injury may result) For repairs, please contact the place of purchase.
- **Do not insert fingers, sticks, or any other item, into the air inlets or air outlet.** (An electric shock, injury or damage may result)
- **Do not pour water onto the air outlet or the unit.** (Fire or an electric shock may result)
- **Do not use petrol, benzine, thinner, polishing powder, paraffin, alcohol, etc.** (Cracking, electric shock, and ignition of fire may result)
- **Do not use flammable sprays (hair spray, insecticides, disinfectants, air dusters, etc.) or deodorisers near or directly on the unit.** (Do not use such articles where there is a risk of suction into the unit)
- **Do not wipe the unit with benzine or thinner.** (Fire, deformation of the unit, cracking or other faults may result)
- **Do not wash the unit with water.** (An electric shock and fire or malfunctioning may result)

■ Concerning the remote controller

-  • **Do not place the remote controller in places where small children can reach.** (Bodily harm may result from misoperation of the unit or accidental ingestion of the batteries)
- **Make sure not to insert the batteries in the wrong polarity (+/-) orientation.** (Short circuiting, fire, or battery leakage may result)

⚠ WARNING Observe in order to prevent fire, electric shock or severe injury.

■ **Immediately turn off and unplug the unit if there are any signs of abnormality and malfunction**



Examples of abnormality and malfunction

- The unit does not operate even if the switch is turned on.
 - Current passes through the cord or fails to pass through if the cord is moved.
 - There are abnormal sounds or vibrations during operation.
 - The casing of the unit has become deformed or is abnormally hot.
 - There is a burnt smell. (Malfunction, an electric shock, smoke, fire, etc., may result if the abnormality is not addressed and the unit continues to be used)
- Contact the place of purchase.

⚠ CAUTION Observe in order to prevent electrical leakage, injury or property damage.

This product should be operated in the following environment. (Malfunctioning may result)

Air Purifying Operation: 1 to 40°C

Humidifying and Air Purifying Operation: 1 to 35°C

■ **During use**



• **Small children or immobile persons (due to illness or injury) should not operate the unit by themselves.**

◆ For EU, UK, Turkey:

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

◆ For other regions:

This appliance 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 appliance by a person responsible for their safety.

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

– Persons who are heavily intoxicated or have taken sleep medication should not operate the unit. (An electric shock, injury or poor health may result)

• **Do not drink the water from the water tank. Do not give the water to animals or plants.**

(Harm may be caused to the animal or plant)

• **Do not use combustion-based heating devices in places directly exposed to airflow from the air outlet.**

(Carbon monoxide poisoning due to incomplete combustion of the combustion-based heating device may result)

• **Do not use products that contain fine powder, such as cosmetics, near the unit.**

(An electric shock or malfunction may result)

• **Do not operate the unit when fumigating insecticide is in use.**

– After using insecticide, be sure to sufficiently ventilate the room before operating the unit. (Harm may be caused to health from an outflow of accumulated chemical compounds from the outlet)

• **Do not use the unit near a smoke detector.**

– If the air coming out of the unit flows in the direction of the smoke detector, the response of the smoke detector may be delayed or it may fail to detect smoke.

• **Do not operate with the water tank removed.**

– Please check that the lid of the water tank and the packing is attached correctly. (Water leakage or injury may result)

Safety Precautions

⚠ CAUTION Observe in order to prevent electrical leakage, injury or property damage.

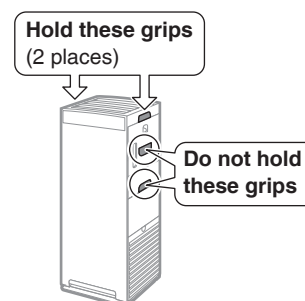
- **Frequently ventilate the room when using the unit together with combustion-based heating devices.**
 - Usage of this product is not a substitute for ventilation. (Potential cause of carbon monoxide poisoning)
 - This product cannot eliminate carbon monoxide.
- **If the unit is placed within reach of a pet, be careful that the pet does not urinate on the unit or chew on the power supply cord.**
 - (Fire, an electric shock or injury may result)
- **When using the humidifier, maintain the cleanliness of the water tank, humidifying tray, and humidifying filter unit at all times.**
 - Replace the water in the water tank with fresh tap water everyday.
 - Discard any water remaining in the humidifying tray everyday.
 - Periodically perform maintenance on internal components (humidifying tray, humidifying filter unit).
 - (Harm may be caused to health from the propagation of mould or bacteria in dirt and water scales)
 - Consult a medical professional if you experience any health abnormalities.
- **Once a day, fill the water tank with water. Check that there is no water leaking from the bottom of the tank due to dirt trapped in or around the valve.**
 - (If water leaks, household items may get wet, and electric shock and electrical leakage may result)
- **Before attaching the casters, make sure to unplug the unit and discard any water in the water tank and humidifying tray.**
 - (Malfunctioning may result)

■ Concerning the unit body

- **Do not block the air inlets or air outlet with laundry, cloth, curtains, etc.**
 - (Overheating or fire may result from poor circulation)
- **Do not apply deodorising spray or other types of spray to the unit, or use near the unit.**
 - (Malfunction may result)
- **Do not climb, sit or lean on the unit.**
 - (Injury may result from falling or toppling)
- **Do not place the unit on its side.**
 - (An electric shock or malfunction may result from water leaking or spilling)

■ When moving the unit

- **Before moving the unit, turn off the power, and discard any water in the water tank and humidifying tray.**
 - (Household items etc., may get wet, or an electric shock or electrical leakage may result from water leaking or spilling)
- **When picking up the unit to move it, handle the unit with caution.**
 - Be sure to always hold the unit using the correct grip locations.
 - Do not hold the unit using the grip on the water tank or humidifying tray. (Injury may result from the unit falling)



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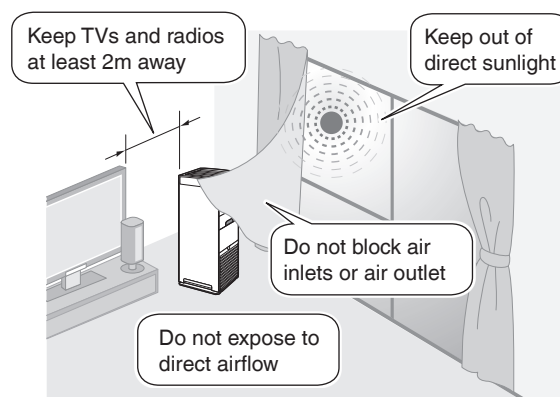
Precautions During Use

Other considerations

- **Do not use this product for special purposes such as in the preservation of works of art, academic texts/materials, etc.**
(Degradation of preserved items may result)
- **Do not excessively humidify the air.**
(Condensation and mould growth may result)
- **Do not use any of the following types of liquid.**
Warm water (40°C or above), unclean water, water containing aroma oil, chemical agents such as hypochlorous acid, aromatic substances or detergent, etc.
(Deformation of the unit or malfunction may result)
Water from a water purifier, ionised alkaline water, mineral water, well-water etc.
(Growth of mould/bacteria may result)
- **Be careful of freezing.**
(Malfunction may result)
Discard any water in the water tank and humidifying tray if there is any risk of freezing.
- **When not using the Humidifying operation, discard any water in the water tank and humidifying tray.**
(Bad odours may result from the propagation of mould or bacteria in dirt and water scales)
- **Depending on the usage environment, shorten the maintenance period. When using in places with high foot traffic such as hotels and public facilities, shorten the pre-filter maintenance period.**
(If the pre-filter becomes clogged and the unit continues to be used, malfunction may result)

Do not use in the following places

- **Positions from where outflowing air flows directly at a wall, furniture, curtains, etc.**
(Staining or deformation may result)
- **On top of a thick carpet, bed cover or mattress**
The unit may tilt causing water to spill or the water level sensor may fail to work correctly.
- **Places exposed to direct sunlight**
(A decline in the receptivity of the signal from the remote controller or discolouration, deterioration of plastic parts, and cracking may result)
- **Places exposed to outdoor air (e.g. near windows, etc.) or direct airflow from air conditioners, etc.**
Room humidity and temperature may not be detected and indicated correctly.
- **Places with high levels of electromagnetic waves such as near an electromagnetic cooker, speakers, etc.**
The unit may not function correctly.
- **Positions near combustion-based heating devices or exposed to direct airflow from heating appliances**
(Room humidity and temperature may not be detected and indicated correctly or deformation may result)
- **Places where chemicals and pharmaceuticals are used such as hospitals, factories, laboratories, beauty salons, and photographic laboratories**
(Volatilized chemicals and solvents may degrade mechanical parts, cause water leaks and cause things to get wet, such as household items, etc.)
- **Places exposed to soot (conductive dust) released by candles, aromatic candles, etc.**
The performance of the filters may be impaired, causing the room to become dirty due to the build-up of dust that is not captured.
- **Do not use cosmetics etc., containing silicone* near the unit.**
* Hair care products (split ends coating agents, hair mousse, hair treatment agents etc.), cosmetics, antiperspirants, antistatic agents, waterproof sprays, lustering agents, glass cleaners, chemical wiping cloths, wax, etc.
 - Insulators such as silicone may adhere to the needle of the Streamer unit, and the Streamer discharge may not be generated.
 - The dust collection filter may become clogged up, resulting in loss of air purifying capacity.
- **Do not use an ultrasonic humidifier or similar appliance near the unit.**
The dust collection filter may become clogged up, resulting in loss of air purifying capacity.
- **This unit is not intended for use at high altitudes (above 2000m).**



About Streamer discharge and Active Plasma Ions

In some cases the air outlet may emit a slight odour as trace amounts of ozone are generated. However, the amount is negligible and is not harmful to your health.

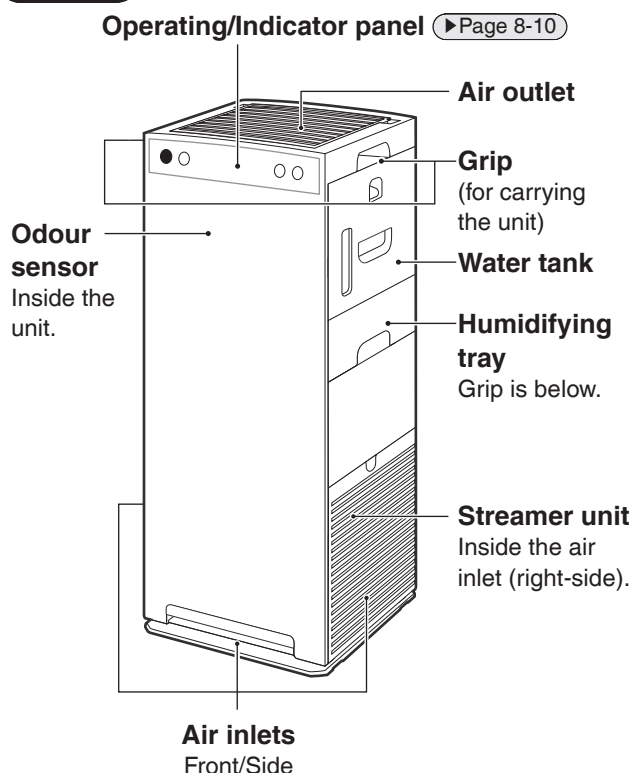
- **This product cannot eliminate all of the toxic substances in tobacco smoke (carbon monoxide etc.)**
- **Odours cannot be completely removed if they are being constantly generated (building material odours, pet odours, etc.)**

Names of parts and operations

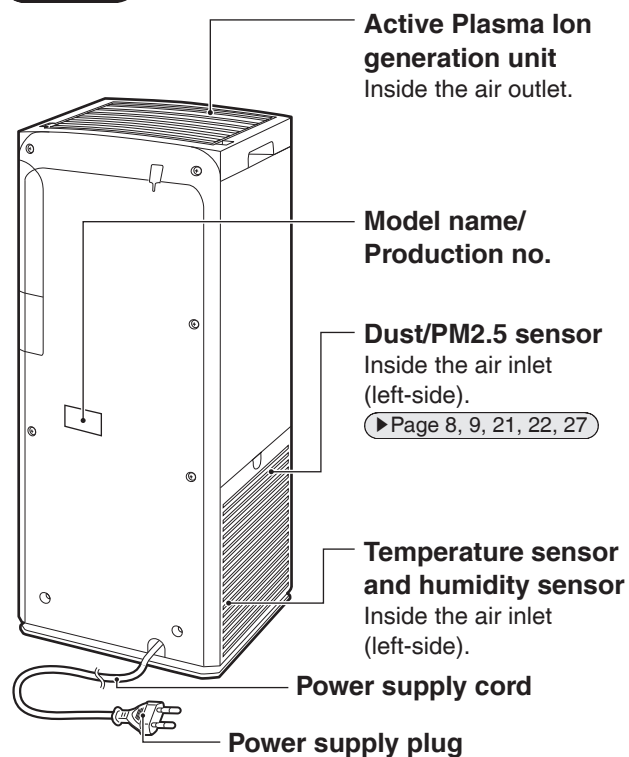
⚠ CAUTION

Do not lift up the unit holding the grip on the water tank or humidifying tray. (Injury may result from the unit falling)

Front



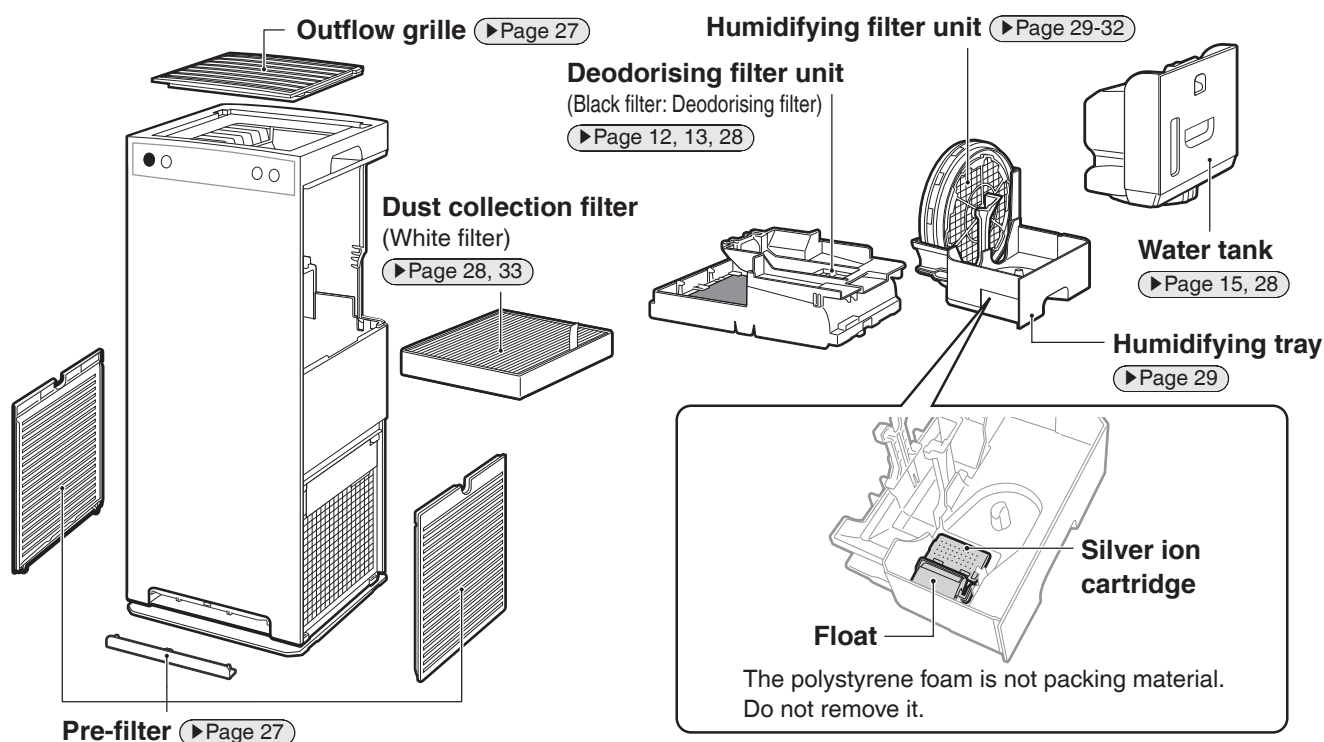
Back



Main removable parts

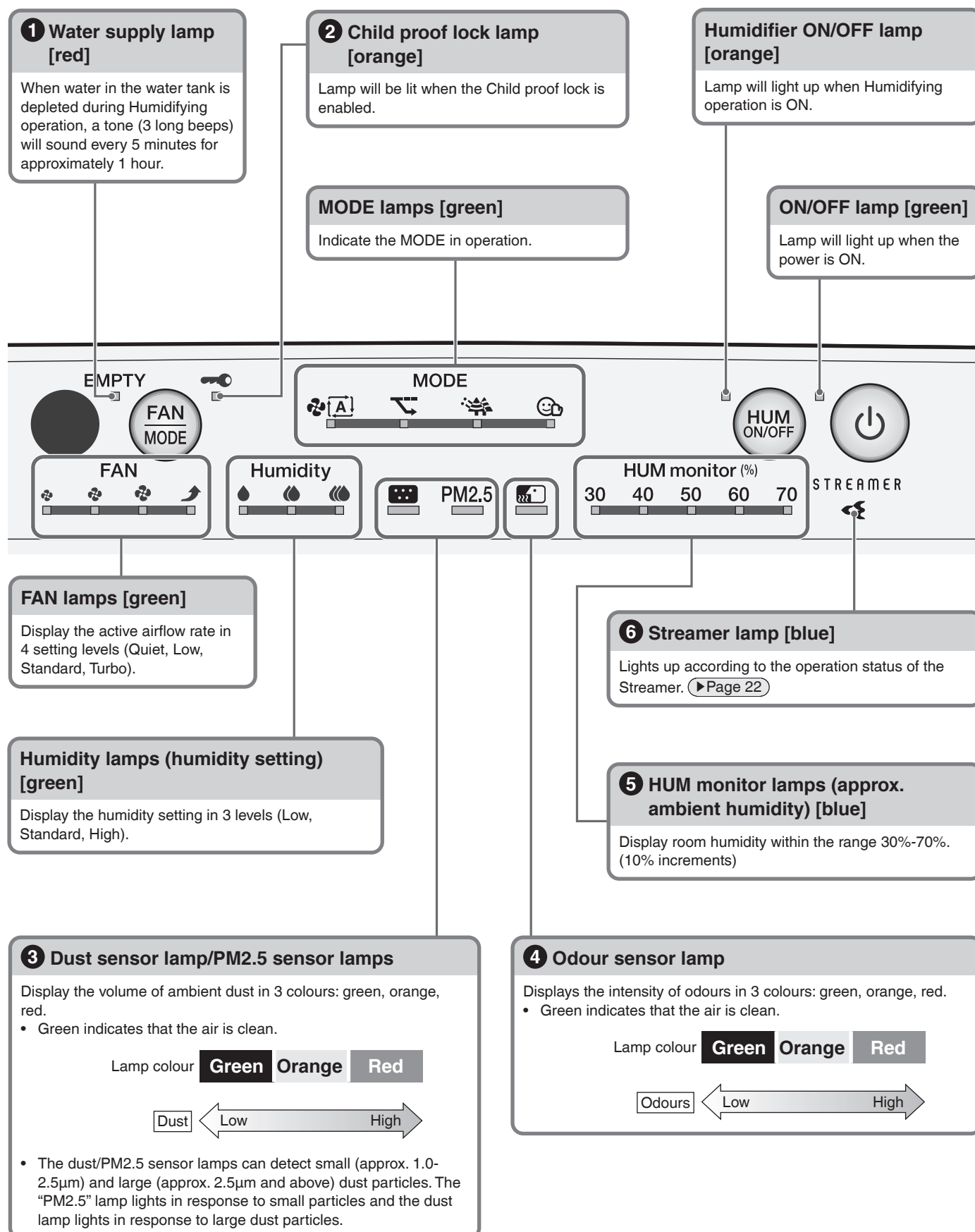
Attention

To prevent injury or malfunction, be sure to only operate the unit with all parts attached.



Operating/Indicator panel

When a lamp is blinking ▶ Page 35



Names of parts and operations

About the lamps

1 About the water supply lamp (EMPTY lamp)

- When the water supply lamp lights up, Humidifying operation will stop but Air purifying operation will continue with the humidifier ON/OFF lamp still lit.
- After lighting up, the water supply lamp may turn on and off a few times, however, this is not a malfunction.
- The water supply lamp will light off after the water tank is filled with water and re-inserted into the unit.
- Even after the water supply lamp has lit up, the humidifying filter may continue to rotate. Before filling the water tank with water, stop operation and unplug the power supply. [▶Page 15](#)
- If the sound of the notification tone (3 long beeps) bothers you, change the setting. [▶Page 25, 26](#)

2 About the Child proof lock lamp

- When lit up, operations will be restricted. When buttons are pressed, only a tone (3 short beeps) will sound, which prevents incorrect operation by small children. [▶Page 18](#)

3 About the dust/PM2.5 sensor lamps

- After operation is started, the lamps will light green for the first minute (approx.) regardless of air impurity level.
- If the responsiveness of the dust/PM2.5 sensor is poor, change the sensitivity setting of the sensor. [▶Page 21, 22](#)
- The responsiveness of the dust/PM2.5 sensor may be poor when the airflow rate is set high such as "Turbo". The strong airflow causes dust to be drawn into the air inlet before it can reach the dust/PM2.5 sensor, however, this is not a malfunction.

Dust/PM2.5 sensor detection range

Detectable matter
house dust, tobacco smoke, pollen, mites, pet hairs, diesel particulate matter
Sometimes detectable
steam, oil smoke

4 About the odour sensor lamp

- After operation is started, the lamp will light green for the first minute (approx.).
- If odour intensity levels are unchanging, the sensor may not respond even if there is a strong odour in the air.
- The sensor may not respond to some odours such as pet odours excluding ammonia, garlic odour, etc.
- As odour perception varies by person, in some cases an odour may be sensed even when the lamp is green. If the odour bothers you, switch to manual airflow rate, and select a high airflow rate setting. [▶Page 17](#)

The first 1 minute after the power is connected or the unit is turned on will serve as the reference for odour sensor sensitivity. The reference determining odour sensor sensitivity will be updated during operation.

Odour sensor detection range

Detectable matter
tobacco odours, cooking odours, pet odours, toilet smells, waste smells, mould odour, sprays, alcohol
Sometimes detectable
sudden changes in temperature/humidity, steam, oil smoke, gas emitted from combustion-based heating devices

5 About the HUM monitor lamps

- When the humidity level is below 30%, the "30" lamp will light up. When the humidity level is 70% or above, the "70" lamp will light up.
- The lamps will light up even when only Air purifying operation is active.

At times the humidity level indicated on the unit may differ from other hygrometers.

- This is because the airflow causes temperature and humidity to vary throughout the room. Please consider the indications to be a rough estimate of ambient humidity.

6 About the Streamer lamp








- This lamp lights up when the Streamer is in operation. The operation of the Streamer depends on the degree of air impurity and the airflow rate. [▶Page 22](#)
- If the hissing sound generated by the Streamer discharge or the smell of ozone bother you, set Streamer output to low. [▶Page 21, 22](#)

About the symbols

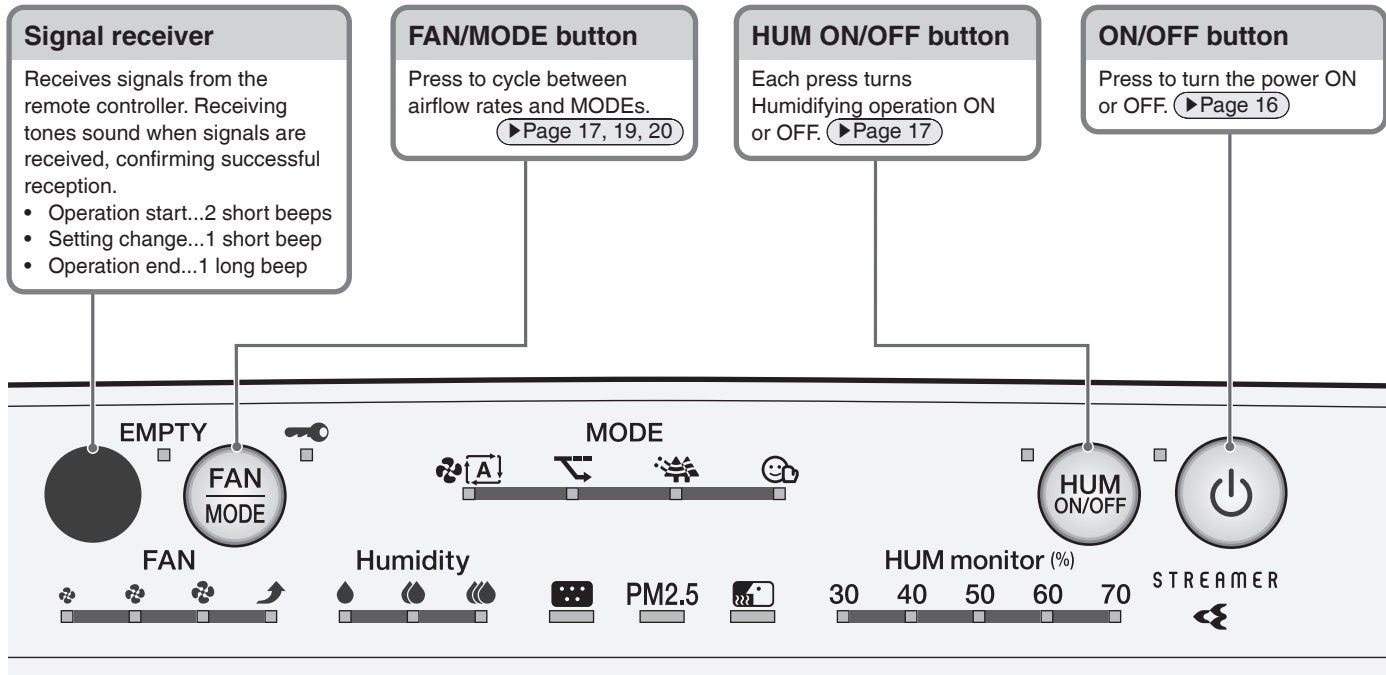
About the FAN and Humidity symbols

Symbol table

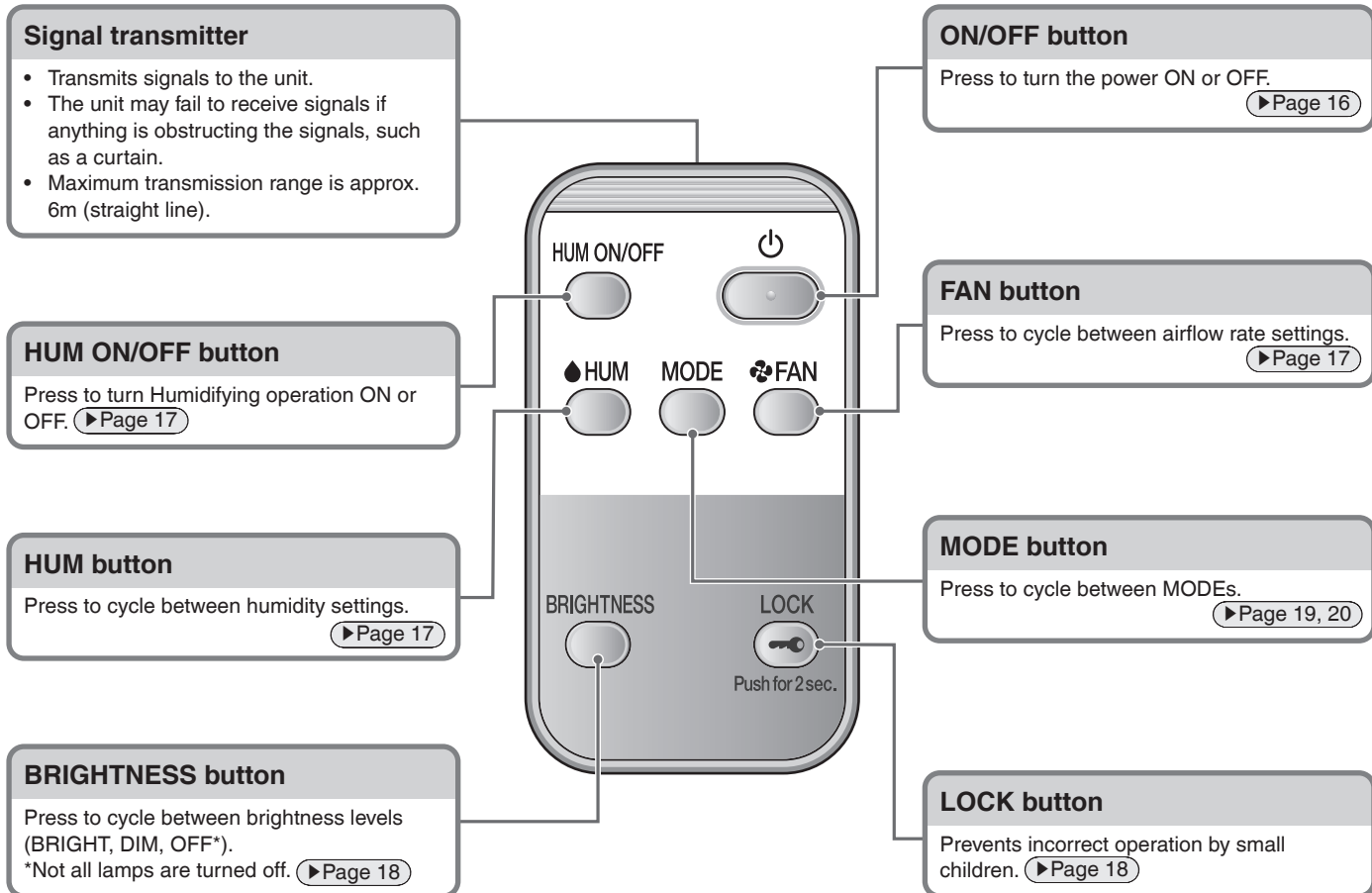
* Symbol size varies by airflow rate setting.

	FAN				Humidity		
Symbol							
Setting	Quiet	Low	Standard	Turbo	Low	Standard	High

Operating/Indicator panel



Remote controller

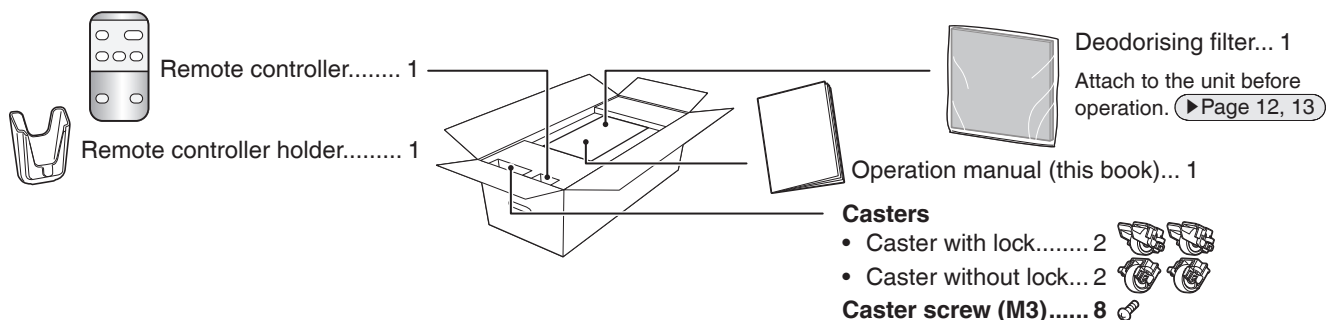


WARNING

Be sure to stop operation and remove the power supply plug before installation.
(An electric shock or injury may result)

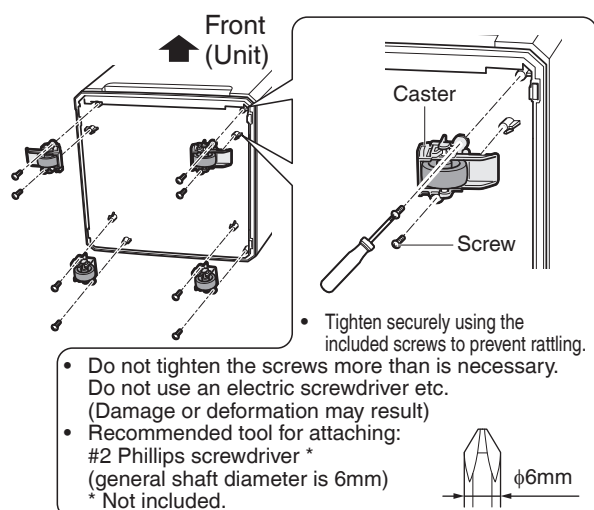
Preparation before operation

1 Accessories check



2 Attaching the casters

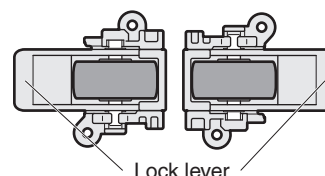
1. Place down the unit so that the front of the unit faces upward.
 - The front may be scratched if faced downward.
2. Tighten securely using the included screws to prevent rattling.



Attachment orientation

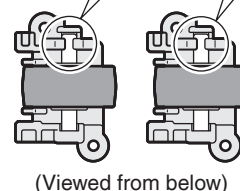
- Attach the casters with lock to the corners at the front of the unit.

Casters with lock



Casters without lock

Attach so that this side faces toward the front of the unit.



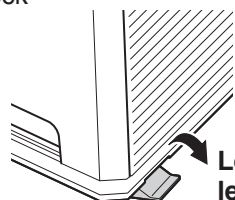
Attention

- Do not use the lock levers while attaching the casters, as it may cause the wheels to detach.
- When moving the unit with the casters, make sure to move it slowly as floor surfaces may be scratched depending on the flooring material.
- Engage the lock levers after installing the product in the desired location.

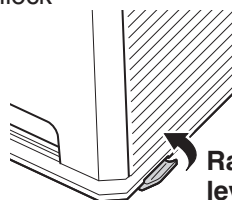
How to use

- There are 2 lock levers on the left and right sides.

Lock



Unlock

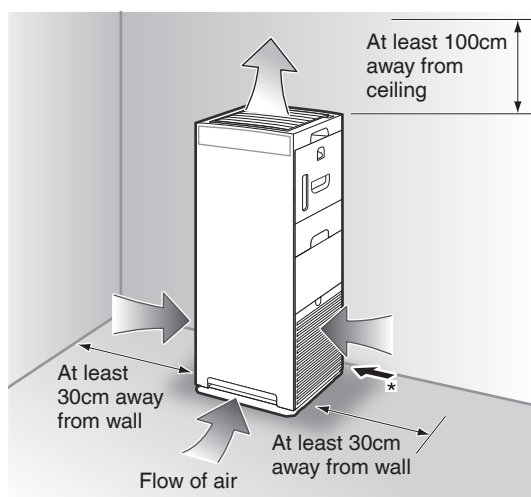
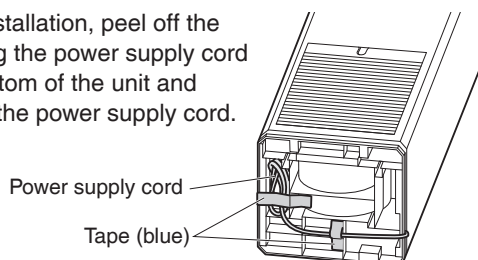


Attention

- Please use your hands to operate the lock levers
- When operating the product, use it with the lock levers engaged.

3 Positioning the unit

Before installation, peel off the tape fixing the power supply cord to the bottom of the unit and draw out the power supply cord.



* Keep distance from the wall so that the power supply cord does not bend tightly. (May cause damage or heating)

Pointers for good positioning

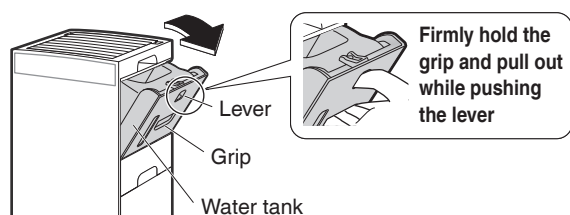
- Choose a place from where airflow can reach all areas of the room.
- Place the unit on a stable surface. If the unit is placed on an unstable surface, vibrations from the unit may be amplified.
- If you find that interference from the power circuit inside the unit or cables causes interference on your TV screen or static noise to be emitted from nearby radios or stereos, move the unit to at least 2m away from the device.
Be sure to also keep cordless phones and radio-controlled clocks away from the unit.

Attention

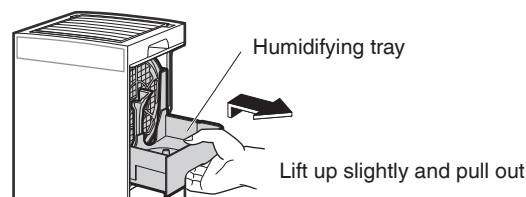
- To avoid staining of walls, position the unit in accordance with the positioning measurements in the illustration. However, note that since this unit draws in dirty air, certain types of wall may be stained even if the measurements are adhered to. In such cases, make sure to maintain sufficient distance between the unit and the wall.
- When used for a long period of time in the same location, the floor and surrounding walls may get stained as air is drawn into air inlets near the base of the unit. It is recommended to clean the unit periodically.
- Place the unit on a flat surface.

4 Attaching the deodorising filter

1. Remove the water tank.




2. Remove the humidifying tray.

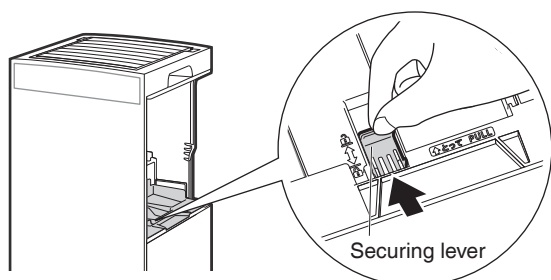


Preparation before operation

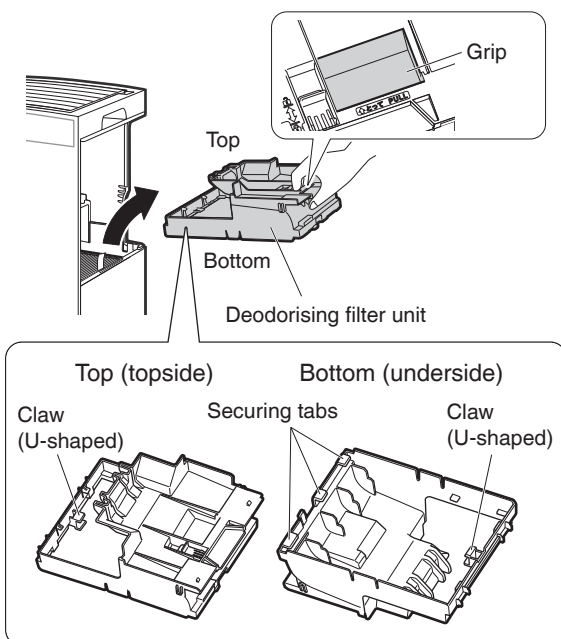
4 Attaching the deodorising filter (cont.)

3. Remove the deodorising filter unit.

- ① Move the lever on the deodorising filter unit to  to unlock it.

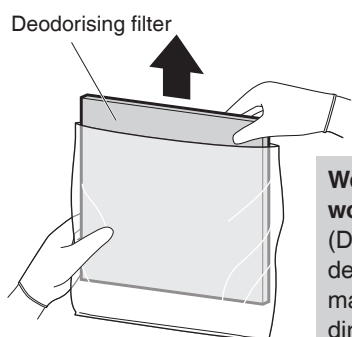


- ② Hold the grip at the top of the deodorising filter unit and lift the part up and out.



4. Remove the deodorising filter from the bag.

- The deodorising filter has no front or back.

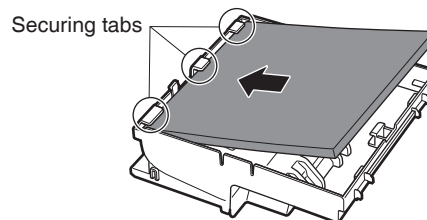


Wear gloves when working.
(Dust from the deodorising filter may make your hands dirty.)

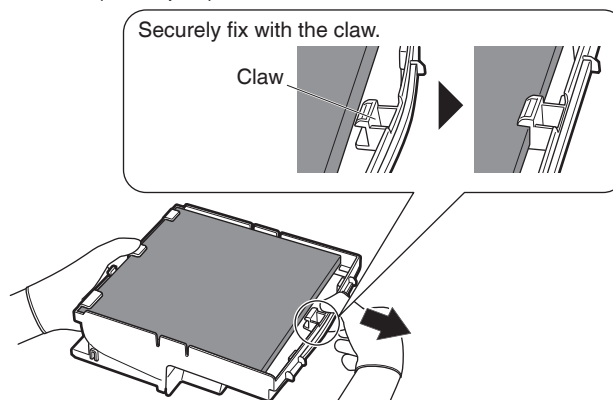
- Observe local waste separation rules when disposing of the deodorising filter bag and desiccant.

5. Turn the deodorising filter unit over and attach the filter.


- ① Insert under the securing tabs (3 places).

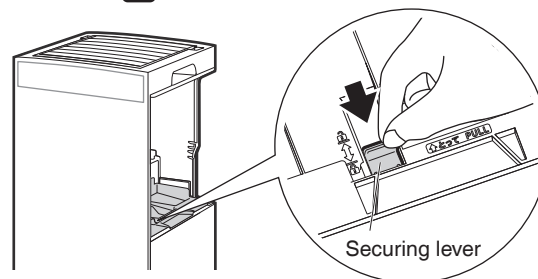


- ② Spread the frame and insert into the claw (U-shaped).



6. Install the deodorising filter unit.

- ① Attach the deodorising filter unit and move the lever to  to lock it.



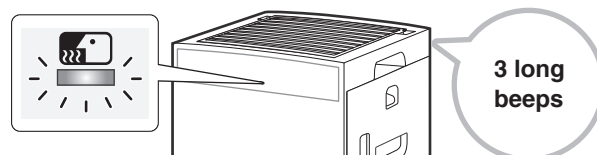
Attention

Be sure to lock the deodorising filter unit. If it is not locked when the unit is operated, abnormal noise and reduced performance may result.

7. Attach the humidifying tray.

8. Reattach the water tank. Page 15

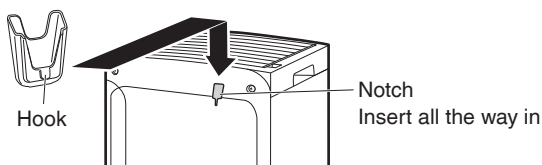
- For Humidifying operation, carry out “6 Preparing the water tank” before installing the water tank.
- When starting operation, if a notification tone sounds and the odour sensor lamp blinks, the deodorising filter or deodorising filter unit are not properly installed. Reinstall them.



5 Preparing the remote controller

1. Attach the remote controller holder.

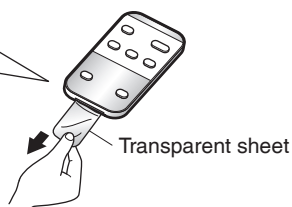
- Insert the hook on the remote controller holder into the notch in the back of the unit.



2. Pull out the transparent sheet.

- After removing the transparent sheet, the remote controller is ready for use.

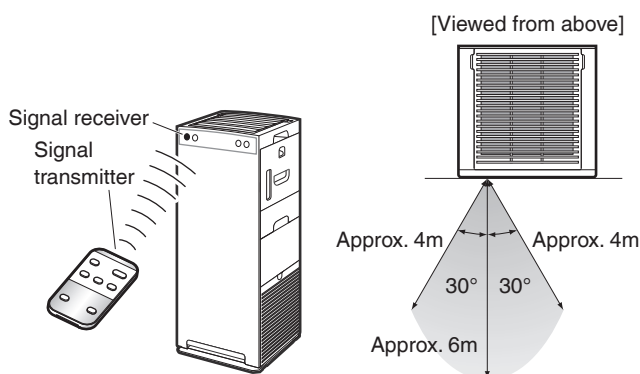
Batteries are pre-loaded



- If the remote controller does not operate when pressed, remove and insert the cover and battery several times.
(Refer to "Replacing the battery")

How to use

- Direct the signal transmitter on the remote controller at the signal receiver on the unit. The unit may fail to receive signals if anything is obstructing the signals, such as a curtain.
- Maximum transmission range is approx. 6m (straight line).

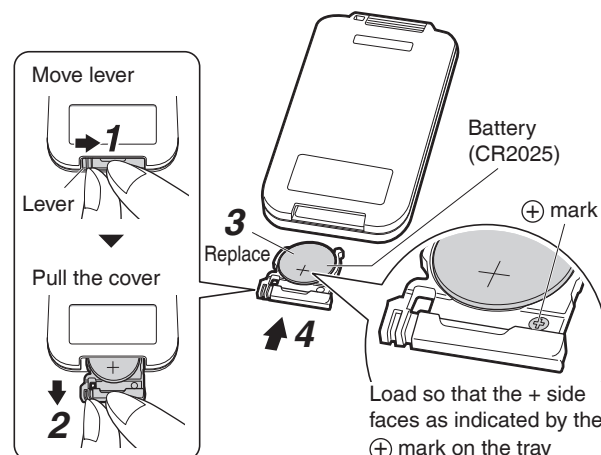


About the remote controller

- Make sure not to drop or allow water to get into the remote controller. (Malfunctioning may result)
- Signal reception may be poor in rooms with electronic-starter-type fluorescent lamps (inverter-type fluorescent lamps etc.)
- Do not use near lighting equipment (within 1m). (Decline in the receptivity of the remote controller signal receiver or discolouration may result)

Replacing the battery

- Move the lever on the cover at the bottom of the remote controller in the direction of the arrow.
- Pull the cover.
- Replace the battery.
- Return the cover to its original position.



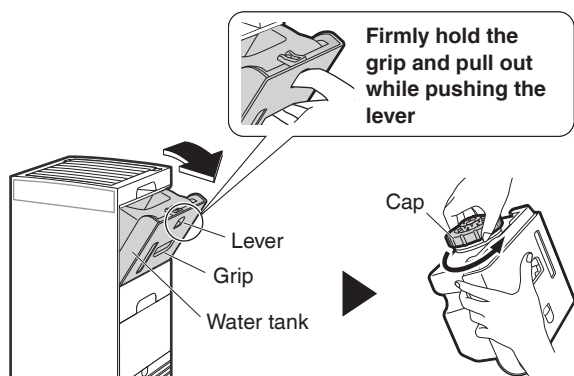
About the battery

- Keep batteries out of reach of children. In the event that batteries are swallowed, seek the immediate attention of a medical professional.
- To avoid possible injury or damage from battery leakage or rupturing, remove the battery when not using the product for long periods of time.
- If the alkaline solution from batteries should get in the eyes, do not rub the eyes. Instead, immediately flush the eyes with tap water and seek the attention of a medical professional.
- Do not expose batteries to heat or fire. Do not disassemble or modify batteries. The insulation inside the battery may be damaged and result in leakage, heat buildup, or explosion.
- When disposing of the battery insulate the terminal by wrapping it in tape etc. (If mixed with other metals or batteries, heat generation, rupturing, or fire may result) Observe local waste separation rules when disposing of batteries.
- As a guideline, you should replace the battery once a year. However, the battery should be replaced with a new battery (CR2025) when signal reception weakens.
- Batteries with an expiration date that is close, may require replacement sooner.
- The pre-loaded battery is for initial use of the unit. It may require replacement after less than one year.

Preparation before operation

6 Preparing the water tank (for Humidifying operation)

1. Take out the water tank and remove the cap.



2. Fill the water tank with tap water and close the cap.

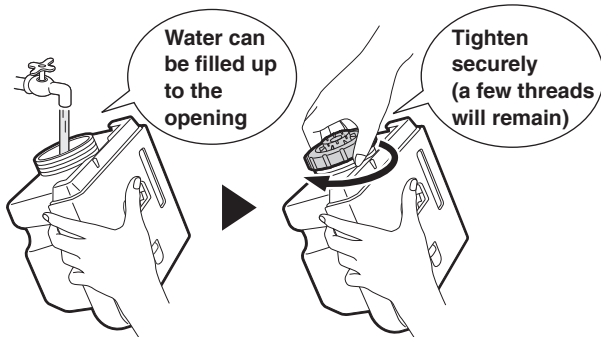
Attention

Do not pour any of the following into the water tank.

- Warm water (40°C or above), unclean water, aroma oil, chemical agents such as hypochlorous acid, water containing aromatic substances or detergent, etc.
(Deformation of the unit or malfunction may result)
- Water from a water purifier, ionized alkaline water, mineral water, well-water etc.
(Propagation of mould or bacteria may result)

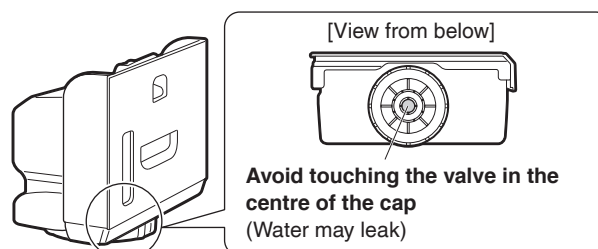
- Perform in a place that is acceptable to get wet.
- **Clean the water tank by shaking a small amount of water inside before filling it up with water.**

Maintenance method ▶Page 28



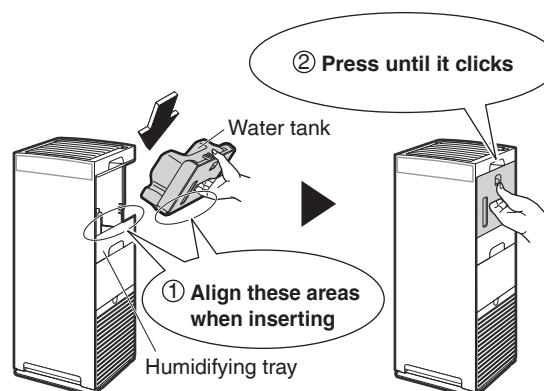
Securely tighten the cap on the water tank.
(Water leakage may result)

- The water tank will weigh about 3.1kg when filled up to the full line. Hold the water tank firmly with both hands when carrying.
- **After fastening the cap, turn the water tank upside down (so the cap faces down) and check that there is no water leakage.**



3. Reattach the water tank.

- Hold the grip and install the water tank in the unit by fitting it into the humidifying tray.



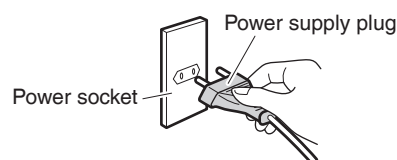
Attention

Leaving any residual water in the humidifying tray will lead to bad odours and dirt buildup. Therefore, be sure to discard any residual water in the humidifying tray each time you refill the water tank.

If there is a bad odour or dirt ▶Page 29

7 Insert the power supply plug into the socket

- The sensitivity of the odour sensor will be determined by odour levels in the first 1 minute after the power is connected or the unit is turned on.
Insert the power supply plug when the air is clean (odour-free).
- The reference determining odour sensor sensitivity will be updated during operation.



Operation

⚠ WARNING

Do not turn off the unit by unplugging during operation. (Fire due to overheating or electric shock may result)

How to operate

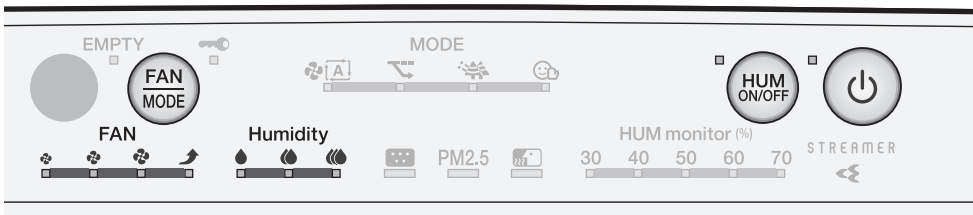
Precise settings can be made using the remote controller.

Remote controller

Operate via remote controller.

Unit

Operate via operating/indicator panel on unit.



Air purifying operation (turning operation ON/OFF)

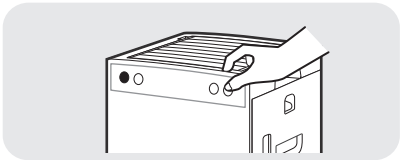
Cleans the air in the room.

Remote controller

Press .

Unit

Press .



- Press again to turn OFF.
- ON/OFF lamp [green] lights up.
- If Humidifying operation was running previously, Humidifying operation will start automatically.

To use Air purifying operation only, press  or  and set Humidifying operation to OFF.

Attention

When using Air purifying operation only, discard any water in the water tank and humidifying tray.

Note

- At the time of purchase, the unit is set to Air purifying operation and, AUTO FAN MODE is set to ON.
- When the unit is unplugged or turned OFF, it will operate with the settings last used the next time it is turned ON.
- Operation settings cannot be changed for about 2 seconds immediately after the power supply plug is inserted.

Operation

Changing the airflow rate

Select the desired airflow rate.

: Quiet
 : Low
 : Standard
 : Turbo
 * Symbol size varies by airflow rate setting.

Remote controller

Press .

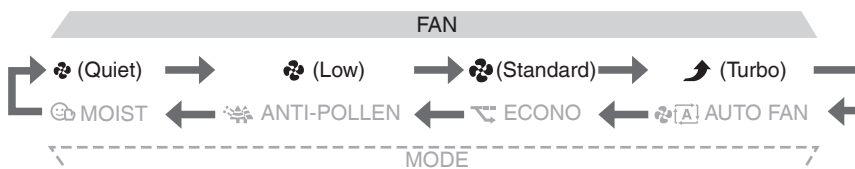
- Each press cycles through the FAN lamps [green].



Unit

Press .

- Each press cycles through the FAN lamps [green] and MODE lamps [green].



About airflow rate settings

- Quiet** A gentle breeze is emitted. Recommended for use during sleep hours. To quickly eliminate odour from a room, it is recommended that the airflow rate be set to "Standard" or above otherwise deodorising capacity is reduced.
- Turbo** Powerful airflow quickly purifies the air. Recommended for use while you are cleaning a room.

Humidifying and Air purifying operation

Humidifies and cleans the air in the room.

Fill the water tank with water. [▶Page 15](#)

Remote controller

- Press .
- Press .

Unit

- Press .
- Press .

- The humidifier ON/OFF lamp [orange] lights up.
- Pressing or during operation will cause Humidifying and Air purifying operation to stop.

Attention

Make sure that the humidifying filter unit is attached when using this operation.
Change the water in the humidifying tray and water tank everyday. Be sure to use tap water for the water in the water tank.
Leaving any residual water in the humidifying tray will lead to bad odours and dirt buildup. Therefore, be sure to discard any residual water in the humidifying tray each time you refill the water tank.

- Air purification is performed even during Humidifying operation.**
(It is not possible to run Humidifying operation exclusively.)
- Even if you have selected an airflow rate that suits your preferences, when the water supply lamp lights up, the airflow rate will change to "Quiet".**
If you do not want the airflow rate to change to "Quiet", change the setting. [▶Page 25, 26](#)
(Depending on ambient odour and dust levels, the airflow rate may not change to "Quiet".)

Adjusting humidity

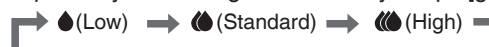
Remote controller

Press .

Unit

Cannot be set from unit.

- Each press cycles through the humidity lamps [green].



- Low** Targets a humidity level of around 40%*.
- Standard** Targets a humidity level of around 50%*.
- High** Targets a humidity level of around 60% to 70%*.

When the target humidity is reached, the humidifying filter unit will stop.

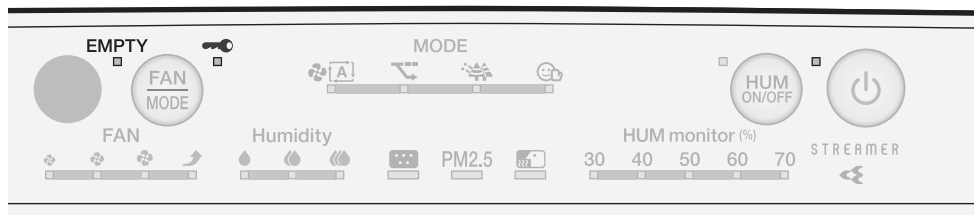
* Depending on room conditions and indoor/outdoor temperature/humidity levels, the target humidity level may be exceeded (or not reached). [▶Page 42](#)

Note

- At the time of purchase, Humidifying operation is set to OFF.
- No steam (vapour) or fog can be seen.
- Indoor temperature may fall when Humidifying operation is running.
- Bubbling or splashing sounds may be heard when Humidifying operation is running, however, this is not a malfunction. [▶Page 38](#)
- If is pressed when Humidifying operation is set to OFF, Humidifying operation will turn ON.
- Humidity level cannot be selected when MOIST MODE is active.
If is pressed when MOIST MODE is active, MOIST MODE stops and AUTO FAN MODE is activated. Humidity level will be the level selected previously.
- If or is pressed when MOIST MODE is active, Humidifying operation stops and AUTO FAN MODE is activated.

Remote controller

Unit



Child proof lock


Button operation is restricted preventing incorrect operation.

Remote controller

Press  for about 2 seconds.

Unit

Cannot be set from unit.

- Hold down  for 2 seconds again to turn off the function.
- When the Child proof lock is active, operations will be restricted. When buttons are pressed, only a tone (3 short beeps) will sound, which prevents incorrect operation by small children.

Note

- If the unit is unplugged when the Child proof lock is active, the Child proof lock is turned off.
- The Child proof lock lamp [orange] lights up when the function is active.

Adjusting indicator lamp brightness

Indicator lamp brightness is adjustable.

Remote controller

Press .

Unit

Cannot be set from unit.

- Press to cycle between settings.



Note

- This function is useful if the lamps bother you during sleep hours etc.
- The ON/OFF lamp and water supply lamp will not light off even if the brightness is set to OFF. Brightness will change to DIM.
- If any of the below buttons are pressed while brightness is set to OFF, brightness will change to DIM and return to OFF after about 10 seconds.



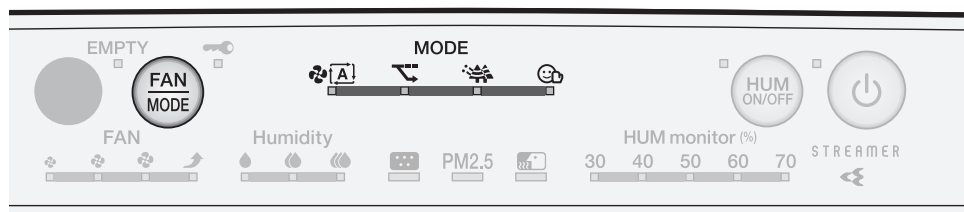
- If operation is started while brightness is set to OFF, brightness will change to DIM and return to OFF after about 10 seconds.
- Even if indicator lamp brightness is set to DIM, the setting will change to BRIGHT when there is an error notification.

Operation

Remote controller



Unit



Operating the unit in a MODE

Select a MODE specific to your needs.
Airflow is adjusted automatically when the unit is running in a MODE.

Remote controller

Press .

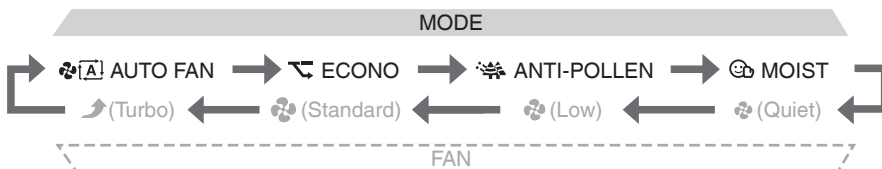
- Each press cycles through the MODE lamps [green].



Unit

Press .

- Each press cycles through the MODE lamps [green] or FAN lamps [green].



Note

- If you select MOIST MODE, Humidifying operation will be set to ON.
- Even if you select a MODE other than MOIST MODE, lingering on MOIST MODE for about 3 seconds or more, when switching between modes, will set Humidifying operation to ON.
(The Humidity level will be the level selected before MOIST MODE was activated.)

MODE

Usage and function

AUTO FAN


Automatic airflow rate adjustment

The airflow rate is automatically adjusted (between “Quiet” and “Strong”*) according to the degree of air impurity and humidity (during Humidifying operation).

Purifying capacity increases as airflow rate rises.

If the operating sound bothers you, the airflow rate range can be changed. (▶Page 23, 24)

* The maximum airflow rate during AUTO FAN MODE operation is “Strong”, which has a lower airflow rate than “Turbo”.

- Press  to select the humidity level.
- Degree of air impurity corresponds to the volume of dust and the intensity of odours in the ambient air.

Saving energy

In the power saving mode in ECONO MODE, the airflow rate is automatically switched only between “Quiet” and “Low” to reduce power consumption (*1) and operating sound.

If the air is clean and the set humidity has been reached (during Humidifying operation) for about 5 minutes, the mode switches to Monitoring mode, during which the fan starts and stops periodically. Recommended for use during sleep hours.

*1 By comparison to AUTO FAN MODE (approx. 10.6Wh), power consumption in ECONO MODE (approx. 6.9Wh) is approx. 3.7Wh lower.

Test conditions: operation in 10m² area over 1 hour. Assuming 1 cigarette was smoked immediately after the unit was turned on.

Power saving mode

Airflow rate switches automatically between “Quiet” and “Low”.

If the air is clean and the set humidity has been reached for about 5 minutes...




If the humidity level falls, or dust or odours are detected...

Monitoring mode

- The fan starts and stops periodically, and dust, odour and humidity are checked.
- The following functions are turned off, further reducing power consumption.

Streamer ☐ OFF Humidification ☐ OFF (*2)
Active Plasma Ion ☐ OFF


*2 The humidifier ON/OFF lamp remains lit up.

- As the airflow rate is limited to “Quiet” and “Low”, air purifying and humidifying capacity is reduced.
- As air is not drawn in when the fan has stopped, the dust/PM2.5 sensor, odour sensor, and humidity sensor reduce in sensitivity. If you do not want the sensitivity of the sensors to be reduced, set Monitoring mode to “Off”. (▶Page 23, 24)
- Airflow rate is adjusted automatically. Airflow cannot be adjusted manually.
- Press  to select the humidity level.

ANTI-POLLEN

Reducing pollen levels

A gentle air current is created by switching every 5 minutes between the airflow rates “Standard” and “Low” so that pollen can be drawn in and caught before it reaches the floor.


- Airflow rate is adjusted automatically. Airflow cannot be adjusted manually.
- Press  to select the humidity level.

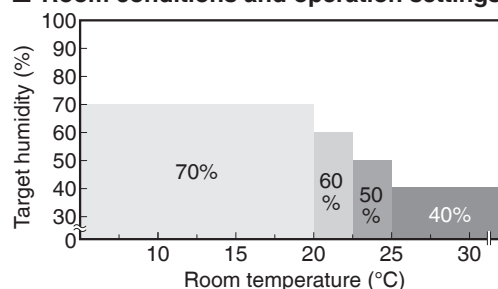
MOIST

Combating dry throat and skin











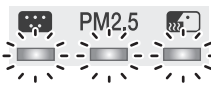






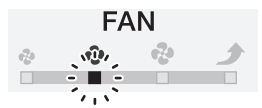
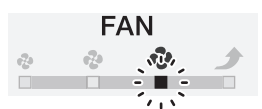

Humidity is automatically adjusted to be gentle on the skin and throat.

If the operating sound bothers you, the airflow rate range can be changed. (▶Page 23, 24)

- As humidity is kept relatively high, if the temperature difference between outdoors and indoors is large, condensation may result.
- Airflow rate is adjusted automatically. Airflow cannot be adjusted manually.
- Humidity level is set automatically. Humidity level cannot be selected.
- If  is pressed when MOIST MODE is active, MOIST MODE is stopped and AUTO FAN MODE is activated. Humidity level will be the level selected previously.

Room conditions and operation settings

Advanced settings

Function	1	
Streamer output (Normal/Low) Setting at time of purchase: Normal If the hissing sound generated by the Streamer discharge or the smell of ozone bother you, set it to "Low". <ul style="list-style-type: none"> Setting to "Normal" is recommended, as deodorising capacity, etc., is reduced when set to "Low". 	Remote controller Hold down  and  together for about 3 seconds when the unit is off. Each time  and  are held down for about 3 seconds, a short beep sounds and the setting switches between "Normal" and "Low".	"Low"  [Blinking] ⇕ "Normal"  [Lit up]
Active Plasma Ion output (On/Off) Setting at time of purchase: On If the smell of ozone bothers you, set Active Plasma Ion output to "Off". <ul style="list-style-type: none"> If set to "Off", Active Plasma Ion discharge stops, however, dust and odour removal continues. If the smell of ozone continues to bother you, even after output has been set to "Off", set Streamer output to "Low". 	Remote controller Hold down  and  together for about 3 seconds when the unit is off. Each time  and  are held down for about 3 seconds, a short beep sounds and the setting switches between "On" and "Off".	"Off"  [Blinking] ⇕ "On"  [Lit up]
Dust/PM2.5 sensor sensitivity (Low/Normal/High) Setting at time of purchase: Normal The sensitivity setting of the dust/PM2.5 sensor can be set to "Low/Normal/High". <ul style="list-style-type: none"> "Low" makes the sensor less responsive, and "High" makes the sensor more responsive. 	Remote controller Unit Setting can be performed either during operation or while operation is stopped. Hold down  on the unit for about 5 seconds and when a short beep sounds, press  on the remote controller while continuing to press  on the unit. A short beep will sound.	Release  on the unit and  on the remote controller. The FAN lamp indicating the current setting blinks then lights up. "Low"  "Normal"  "High" 

2

3

4

■ Operation status of Streamer

Setting		Streamer output setting	
		Normal	Low
FAN	Quiet, Low	ON-OFF	OFF
	Standard	ON-OFF	
	Turbo	ON	
MODE	AUTO FAN, ANTI-POLLEN, MOIST	ON-OFF	
	ECONO	ON-OFF	OFF

- The Streamer operation status ON-OFF means that the Streamer turns ON and OFF automatically depending on the degree of air impurity and airflow rate setting.

About the Streamer lamp

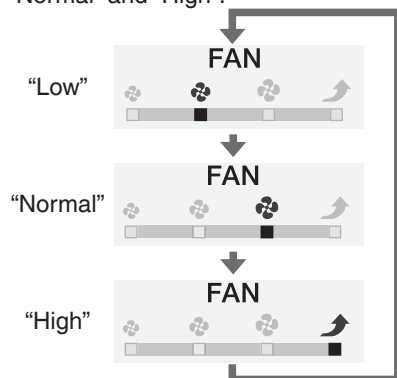
- While the conditions (in the table above) for ON-OFF or ON are met, the lamp remains lit. (However, it is unlit during Monitoring mode.) The lamp is unlit when the conditions for OFF are met.

The setting is complete when the lamps blink or light up for about 5 seconds and then turn off.

- Settings are remembered even if the unit is unplugged.

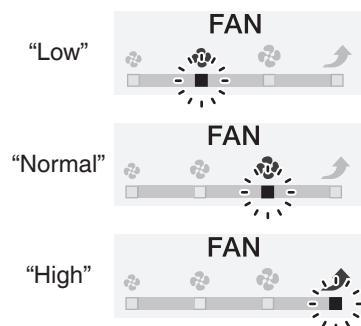
Press  on the unit to change settings*.

Each press cycles between “Low”, “Normal” and “High”.

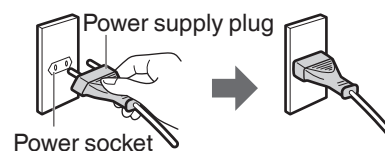


Press  on the remote controller.

A short beep will sound and the set FAN lamp will blink.




















While the lamp is blinking, unplug the power supply, wait at least 5 seconds, and then insert the power supply plug again. Setting is now complete.


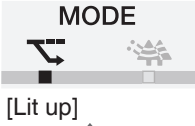
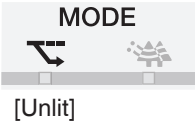


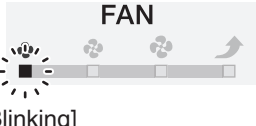
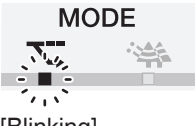
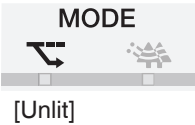
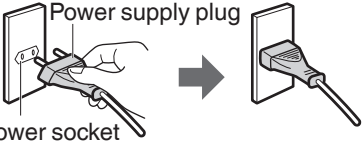

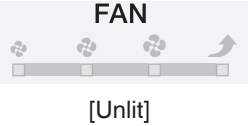
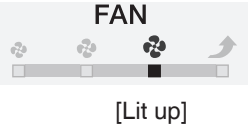

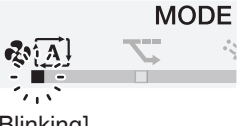
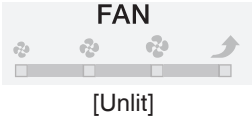
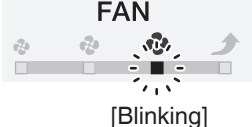


- If this procedure is not performed, the unit will not return to regular operation mode.
- Settings are remembered even if the unit is unplugged.

*If the lamp does not change even after changing the settings, unplug the unit, wait at least 5 seconds, reinsert the power supply plug and try again from the beginning.















Advanced settings


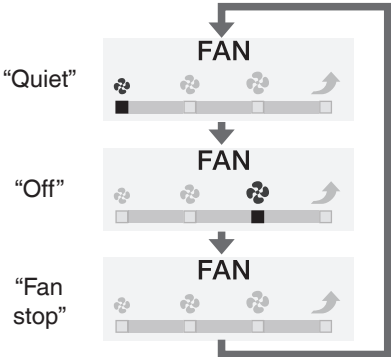

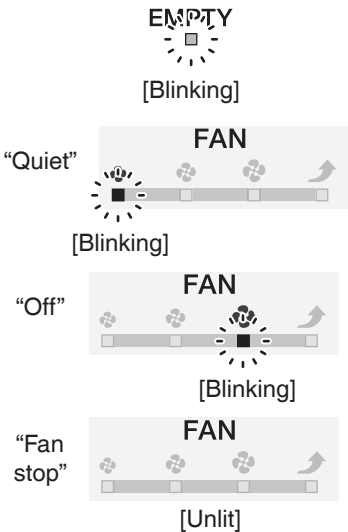
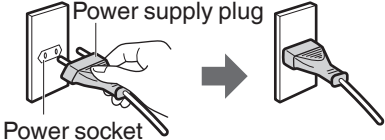
Function	1	
<p>Monitoring mode within ECONO MODE (On/Off)</p> <p>Setting at time of purchase: On</p> <p>The sensitivity of the sensors decrease while the fan is stopped during Monitoring mode. If you do not want the sensitivity of the sensors to be decreased, set to "Off".</p> <ul style="list-style-type: none"> When set to "Off", Monitoring operation will not be performed. 	<p>Remote controller Unit</p> <p>Setting can be performed either during operation or while operation is stopped.</p> <p>Hold down  on the unit for about 5 seconds and when a short beep sounds, press  on the remote controller while continuing to press  on the unit.</p> <p>A short beep will sound.</p>	<p>Release  on the unit and  on the remote controller.</p> <p>The FAN lamp  (Quiet) blinks, then lights up.</p> <p></p> <p>[Blinking → Lit up]</p> <p>The ECONO lamp will indicate the current status as follows.</p> <p>"On" </p> <p>[Blinking → Lit up]</p> <p>"Off" </p> <p>[Unlit]</p>
<p>Airflow rate range for AUTO FAN (Normal/Low)</p> <p>Setting at time of purchase: Normal</p> <p>If you are concerned about the operation noise during AUTO FAN MODE/MOIST MODE, change the setting to "Low".</p> <ul style="list-style-type: none"> When set to "Low", the maximum airflow rate during AUTO FAN MODE operation is lowered in order to reduce operation noise. 	<p>Unit</p> <p>Setting can be performed either during operation or while operation is stopped.</p> <p>Hold down  for about 5 seconds, and when a short beep sounds, press  while continuing to hold down .</p> <p>A short beep will sound.</p>	<p>Release  and .</p> <p>The AUTO FAN MODE lamp blinks, then lights up.</p> <p></p> <p>[Blinking → Lit up]</p> <p>The FAN lamps will indicate the current setting as follows.</p> <p>"Normal" </p> <p>[Unlit]</p> <p>"Low" </p> <p>[Blinking → Lit up]</p>

2	3	4
<p>Press  on the unit to change settings*.</p> <p>Each press cycles between “On” and “Off”.</p> <div><p>“On”</p><p>[Lit up]</p><p>“Off”</p><p>[Unlit]</p></div>	<p>Press  on the remote controller.</p> <p>A short beep sounds, the FAN lamp “ (Quiet)” blinks, and the ECONO lamp changes to the following according to the setting.</p> <div><p>FAN</p><p>[Blinking]</p><p>“On”</p><p>[Blinking]</p><p>“Off”</p><p>[Unlit]</p></div>	<p>While the lamp is blinking, unplug the power supply, wait at least 5 seconds, and then insert the power supply plug again. Setting is now complete.</p> <div><p>Power supply plug</p><p>Power socket</p></div> <ul style="list-style-type: none">• If this procedure is not performed, the unit will not return to regular operation mode.• Settings are remembered even if the unit is unplugged.
<p>Press  to change settings*.</p> <p>Each press cycles between “Normal” and “Low”.</p> <div><p>“Normal”</p><p>[Unlit]</p><p>“Low”</p><p>[Lit up]</p></div>	<p>Press .</p> <p>A short beep sounds, the AUTO FAN MODE lamp blinks, and the FAN lamp changes to the following according to the setting.</p> <div><p>MODE</p><p>[Blinking]</p><p>“Normal”</p><p>[Unlit]</p><p>“Low”</p><p>[Blinking]</p></div>	

*If the lamp does not change even after changing the settings, unplug the unit, wait at least 5 seconds, reinsert the power supply plug and try again from the beginning.

Advanced settings

Function	1	
<p>Airflow rate limit when water supply lamp is lit (Quiet/Off/Fan stop)</p> <p>Setting at time of purchase: Quiet</p> <p>If you do not want the airflow rate set to “Quiet” when the water supply lamp is lit, set to “Off”. When set to “Off”, even if the water supply lamp lights up, the airflow rate from before the lamp lit up will continue.</p> <p>If you are bothered by the odour when the water supply lamp is lit, change the setting to “Fan stop”.</p>	<p>Remote controller Unit</p> <p>Setting can be performed either during operation or while operation is stopped.</p> <p>Hold down  on the unit for about 5 seconds and when a short beep sounds, press  on the remote controller while continuing to press  on the unit.</p> <p>A short beep will sound.</p>	<p>Release  on the unit and  on the remote controller.</p> <p>The water supply lamp blinks, then lights up.</p> <p> [Blinking → Lit up]</p> <p>The FAN lamps will indicate the current setting as follows.</p> <p>“Quiet”  [Blinking → Lit up]</p> <p>“Off”  [Blinking → Lit up]</p> <p>“Fan stop”  [Unlit]</p>
<p>Notification tone when water supply lamp is lit (Repeat/Once/Off)</p> <p>Setting at time of purchase: Repeat</p> <p>If the notification tone emitted when the water supply lamp is lit bothers you, e.g., at bedtime, set it to “Once” or “Off”.</p> <ul style="list-style-type: none"> When set to “Repeat”, the water supply notification tone repeats once every 5 minutes for approximately 1 hour. This is a useful function during sleep hours, etc. The error notification alarm cannot be turned off. 	<p>Unit</p> <p>Hold down  for about 3 seconds when the unit is off.</p> <p>Each time  is pressed for about 3 seconds, a short beep will sound and the setting will cycle through “Repeat”, “Once”, and “Off”.</p> <p>The humidity lamps will light as shown on the right depending on the setting selected.</p>	<p>“Repeat”  [Lit up]</p> <p>“Once”  [Lit up]</p> <p>“Off”  [Blinking]</p>

2	3	4
<p>Press  on the unit to change settings*.</p> <p>Each press cycles between “Quiet”, “Off” and “Fan stop”.</p> <div></div>	<p>Press  on the remote controller.</p> <p>A short beep sounds, the water supply lamp blinks, and the FAN lamp changes to the following according to the setting.</p> <div></div>	<p>While the lamp is blinking, unplug the power supply, wait at least 5 seconds, and then insert the power supply plug again. Setting is now complete.</p> <div></div> <ul style="list-style-type: none">• If this procedure is not performed, the unit will not return to regular operation mode.• Settings are remembered even if the unit is unplugged.
		<p>The setting is complete when the lamps blink or light up for about 5 seconds and then turn off.</p>

*If the lamp does not change even after changing the settings, unplug the unit, wait at least 5 seconds, reinsert the power supply plug and try again from the beginning.

Maintenance

⚠ WARNING

Before cleaning and maintenance work, make sure to unplug the unit. (An electric shock or injury may result)

Maintenance quick reference table

Check the reference pages for details on removing and attaching parts during cleaning/maintenance.

Outflow grille

If dirt becomes an issue

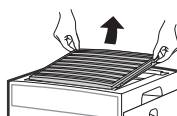
Wipe

Clean with water

- Wipe up dirt with a soft damp cloth and rinse with water.
- Do not use a hard brush, etc. (Damage may result)
- If dirt buildup is severe, leave the part soaking in lukewarm or room temperature water mixed with kitchen-use neutral detergent, then thoroughly rinse so that no detergent remains and leave in the shade until completely dry.

Removing

- Insert fingers into the notches in the top of the unit and lift.



Attaching

- Pay attention to orientation and attach securely.



Unit

When dirt becomes an issue

Wipe

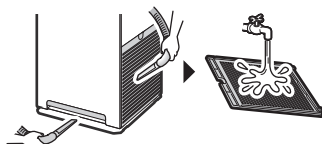
- Wipe off dirt with a soft damp cloth.
- When dirt buildup is severe, wet a cloth with kitchen-use neutral detergent and wipe up the dirt.
- Do not use a hard brush, etc. (Damage may result)

Pre-filter (front, left side, right side)

About every 2 weeks

Vacuum clean

Clean with water



- After removing any dust using a vacuum cleaner, removing and wash with water and then leave in shade to dry.
- Use a soft brush when cleaning the spaces in the grid.

Attention

- Do not use cotton buds or a hard brush.** (Partial breakage of the filter may result)
- Do not apply too much force.** (Partial breakage/damage of the filter may result)

- If dirt buildup is severe, leave the part soaking in lukewarm or room temperature water mixed with kitchen-use neutral detergent, then thoroughly rinse so that no detergent remains and leave in the shade until completely dry.

Removing



Hold the notch in the pre-filter and pull it toward you to removing it.

- Put your thumb on the unit body and hold the end of the pre-filter.



- Pull it toward you to removing it.

Attaching



Insert the tabs (2 places) into the unit and press until it clicks.

Reverse side

Reverse side

Insert catch (1 place) into the unit.

Push both sides until securely attached.

Catch (1 place)

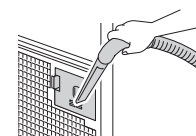
Viewed from above

Dust/PM2.5 sensor

If there is a buildup of dust etc.

Vacuum clean

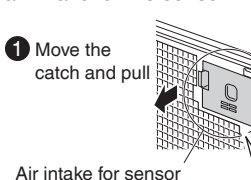
- Remove the pre-filter (left side).
- Vacuum any dust using a vacuum cleaner crevice tool or similar.



About every 3 months **Wipe**

- Remove pre-filter (left side) and the cover of the air intake for the sensor.

- Move the catch and pull



Air intake for sensor

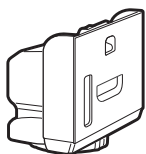
- Lens** Since it is hard to see even with a light, **use a dry cotton bud** to lightly rub inside along the left edge. Vacuum any dust around the area using a vacuum cleaner crevice tool or similar.



- After cleaning, be sure to attach the cover securely. (Malfunction may result)

⚠ WARNING

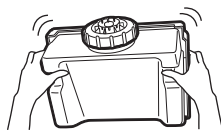
- Do not use petrol, benzine, thinner, polishing compound, paraffin, alcohol, etc. (An electric shock, fire, or cracking may result)
- Do not wash the main body of the unit with water. (An electric shock and fire or malfunctioning may result)

Water tank ▶Page 15

**[Inside the water tank]
Every time the water
tank is refilled**

Clean with water

- Clean the water tank by filling it with a small amount of water, closing the cap and shaking.
- When dirt is hard to remove, clean with a soft brush or diluted kitchen-use neutral detergent and thoroughly rinse off the detergent.



**[Exterior of water tank]
If dirt on the exterior
of the water tank
becomes an issue**

Wipe

- Wipe off dirt with a soft damp cloth.
- When dirt buildup is severe, wet a cloth with kitchen-use neutral detergent and wipe off the dirt.

**Humidifying filter unit** For details on cleaning and removal/attachment, refer to ▶Page 29-31

About once a week

Soak

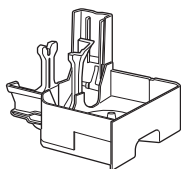
**About once a month or when smell, dirt, or
water scales (white or brown) become an issue**

**Soak in baking soda, citric
acid or lemon juice**

About every 10 years

Replace

▶Page 32

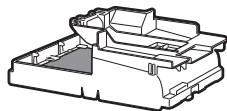
Humidifying tray For details on cleaning and removal/attachment, refer to ▶Page 29

Every time water is refilled

Discard any water remaining in the tray

About once a month or when smell or dirt becomes an issue

Clean with water

Deodorising filter unit For details on removal/attachment, refer to ▶Page 33

When dirt becomes an issue

Vacuum clean

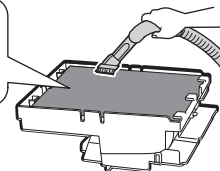
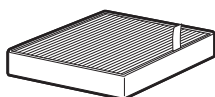
When odour becomes an issue

Leave in a breezy, shaded area

Do not use water

- Remove the entire frame from the unit, then vacuum away dust using a vacuum cleaner.
- If odour becomes a problem, expose to airflow in a shady place. (about 1 day)
- Do not rub the surface.
- Do not wash with water. (If water is used, the part will lose its shape and become unusable.) ▶Page 36

**Do not detach
deodorising filter
from frame**

**Dust collection filter** For details on removal/attachment, refer to ▶Page 33

About every 10 years

Replace

Do not use water

Do not vacuum clean

- Do not use a vacuum cleaner or use water when cleaning. (If the filter is damaged or holes are opened etc., dust will pass through the filter and capacity for dust collection will be reduced.)

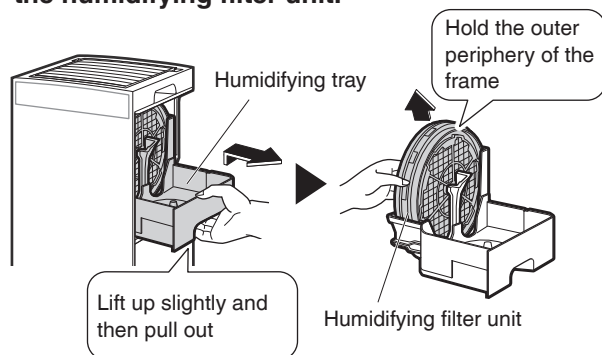
Attention

- Please observe to prevent discolouration and deformation.
 - If detergent was used, wipe thoroughly so that no detergent remains.
 - When using hot water, keep the temperature below 40°C.
 - Do not dry in direct sunlight.
 - Do not dry with a hair dryer.
 - Do not expose to fire.
- When using a vacuum cleaner, do not impact the part with the vacuum cleaner. (Damage may result)
- Do not use flammable sprays (hair spray, insecticides, disinfectants, air dusters, etc.) or deodorisers near or directly on the unit. (Fire, deformation of the unit, or other faults may result)
- The air purifier gathers dust and odour in the room. If used in an environment with strong odours such as aromatic substances, aroma oils, cigarettes or roasted meat, odours may adhere to the filter, resulting in an emission of odours after a few weeks or months. If using in an environment with strong odours, ventilating the room while using the air purifier is recommended. (The time required to remove odour is longer than the time required to remove dust)

Maintenance

Removing the humidifying tray and humidifying filter unit

1. Remove the water tank. [▶Page 15](#)
2. Pull out the humidifying tray and then remove the humidifying filter unit.

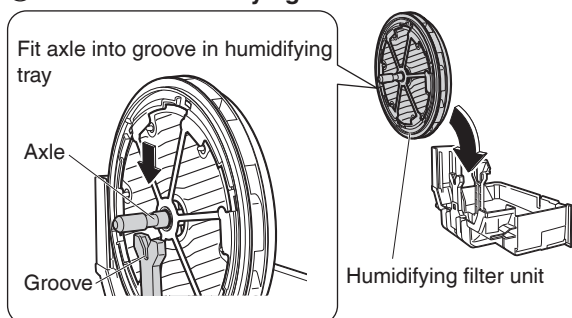


- Pull out the tray gently as if there is any water inside, the surface will waver and it may spill out.
- When carrying, hold the base of the humidifying tray.

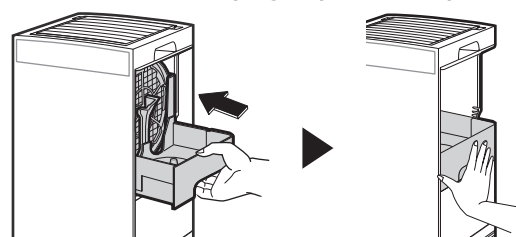
Attaching the humidifying tray and humidifying filter unit

1. Attach the humidifying tray and humidifying filter unit.

① Attach the humidifying filter unit



② Push the humidifying tray all the way in



- If the humidifying filter unit is not correctly attached to the humidifying tray, the humidifying tray cannot be attached to the unit.

Attention

After attaching the humidifying tray to the unit, do not forcibly rotate the humidifying filter unit. (Malfunctioning may result)

2. Attach the water tank. [▶Page 15](#)

WARNING

Before cleaning and maintenance work, make sure to unplug the unit. (An electric shock or injury may result)

Humidifying tray

Discard remaining water

Clean with water

Every time the water tank is refilled

- Discard any water remaining in the tray.

About once a month or when smell or dirt becomes an issue

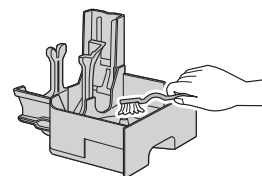
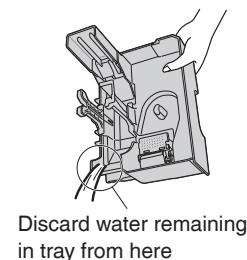
- Clean with water.

- Use a soft cloth, soft brush, or cotton buds to clean hard-to-reach places.
- If there are water scales, remove them using a soft wet cloth or brush soaked in a mixture of citric acid and lukewarm or room temperature water.

When doing this, take utmost care to not get water on the silver ion cartridges.

Finish by rinsing off with water.

- Citric acid may be purchased at a pharmacy, drugstore, or supermarket.



Note

- Depending on water quality and the usage environment, water in the humidifying tray may become discoloured due to water scales etc. Perform necessary maintenance in such cases too.

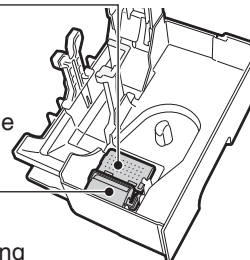
Attention

Silver ion cartridge

- Do not remove.
- Do not clean using baking soda or citric acid. Doing so will result in loss of the capacity for slime-resistance.

Float

- Do not remove. Doing so will prevent Humidifying operation from working.

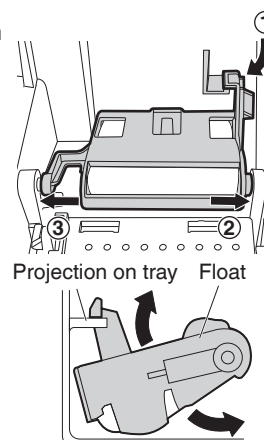


If the float detaches from the tray

- ① Place the float projection on to the tray projection
- ② Insert the axle on the float projection side into the hole in the tray
- ③ Insert the axle into the hole in the tray

- Fill the tray with water and check that the float remains afloat.

- After checking, be sure to discard the water before attaching the humidifying tray to the unit.



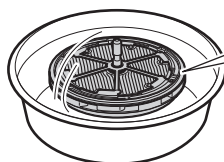
When dirty, the humidifying tray and humidifying filter may emit bad odours. Be sure to clean them periodically.

Humidifying filter unit

Soak in baking soda, citric acid or lemon juice

About once a week

Clean by soaking in lukewarm (about 40°C or less) or room temperature water.



Do not detach the frame

About every 1 month or when smell, dirt, or water scales (white and brown) become an issue

If water scales are not removed and the unit continues to be operated, reduced humidifying capacity and water leakage may result.

	If odour becomes an issue		If dirt becomes an issue
Symptom	Sour odour	An odour like aromatic substances or old rags	Dirt, water scales (white/brown)
Cleaning method	Soak in baking soda	Soak in citric acid or lemon juice	
If odour cannot be removed even after cleaning...	Soak in citric acid	Soak in baking soda	—

* If odour and dirt are still an issue, clean with **neutral detergent**.

If you are concerned about odour when the water supply lamp is lit, set the airflow rate limit when the water supply lamp is lit to "Fan stop". ▶Page 25, 26

Example of sour odours

Damp laundry odour, dust odour, foot odour, rotten egg odour, rotting garbage odour, cheese odour, hospital odour, fermented odour

Examples of stale rag odours

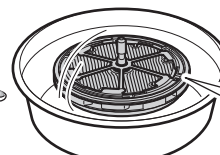
Raw meat odour, rotten fish odour, stagnant water odour, old book odour, grass-like odour, mould odour

Cleaning with baking soda

- Soak the parts for about 30 to 60 minutes in lukewarm (about 40°C or less) or room temperature water mixed with baking soda. After soaking, rinse with water.

Usage quantity:

2 tablespoons of baking soda in 1L of water



Do not detach the frame

Cleaning with citric acid or lemon juice

Soak in lukewarm (about 40°C or less) or room temperature water mixed with citric acid or lemon juice for about 2 hours. After soaking, rinse with water.

- If dirt buildup is an issue, extend the soaking time.

Usage quantities for citric acid:

2 tablespoons of citric acid (approx. 20g) in 3L of water

- Citric acid may be purchased at a pharmacy, drugstore, or supermarket.



Usage quantities for lemon juice:

1/4 cup of lemon juice per 3 cups of water

- Bottled 100% lemon juice can be used. Use only 100% lemon juice with no pulp (strain juice if necessary).
- If you squeeze a lemon, make sure there are no pieces of peel or pips.

Cleaning with neutral detergent

- Soak the parts for about 30 to 60 minutes in lukewarm (about 40°C or less) or room temperature water mixed with kitchen-use neutral detergent. After soaking, rinse with water.

Usage quantity:

Quantity is indicated in the directions on the detergent



Soak in lukewarm (about 40°C or less) or room temperature water for an additional 1 hour.

- When areas with dirt become an issue, clean by scrubbing gently with a soft sponge or cotton bud.

Maintenance

Humidifying filter unit

Soak in baking soda, citric acid or lemon juice

Precautions when cleaning humidifying filter unit

- Do not mix baking soda with citric acid or lemon juice when cleaning.
- Do not apply force when cleaning the humidifying filter unit.
Do not use a brush or scrub forcibly.
(Deformation may result)
- Clean the frame of the humidifying filter unit with a soft cloth, brush, or cotton bud.
(For details on removal/attachment of the humidifying filter unit frame, refer to [▶Page 32](#).)
- To prevent bad odours and discolouration, be sure to thoroughly rinse the parts with clean water.
(Even if discolouration results, it is not a problem for use)

The cause of bad odours may be the deodorising filter or dust collection filter.
Try cleaning these filters. [▶Page 28](#)

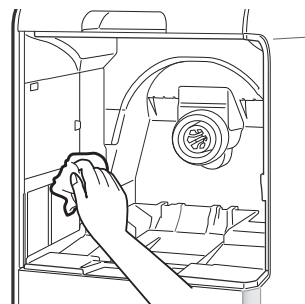
Attention

- If cleaned with baking soda or neutral detergent, the antibacterial efficacy may be reduced.
- Parts may be used even if still wet after cleaning.
- If not to be used for a prolonged period, leave the parts in a shaded area to dry off thoroughly, then reattach.
- Dirt buildup on the humidifying filters varies by usage environment.
It is recommended that you clean the parts if you notice an odour from the air outlet or a reduction in humidifying capacity (water usage rate).

When dirt inside the unit is an issue

When the water tank is removed, you may find that the inside of the unit has white stains. These are water scales caused by impurities and dirt in the water deposited when the water vaporised, which is not abnormal.
If these stains are an issue, they can be removed.

- Wipe the dirt with a soft damp cloth.
- When dirt buildup is severe, wipe away the dirt with a cloth which has been moistened with kitchen-use neutral detergent.
- Do not use a hard brush etc. (Damage may result)



⚠ WARNING

Before cleaning and maintenance work, make sure to unplug the unit.
(An electric shock or injury may result)

Humidifying filter **Replace**

Replace about every 10 years*

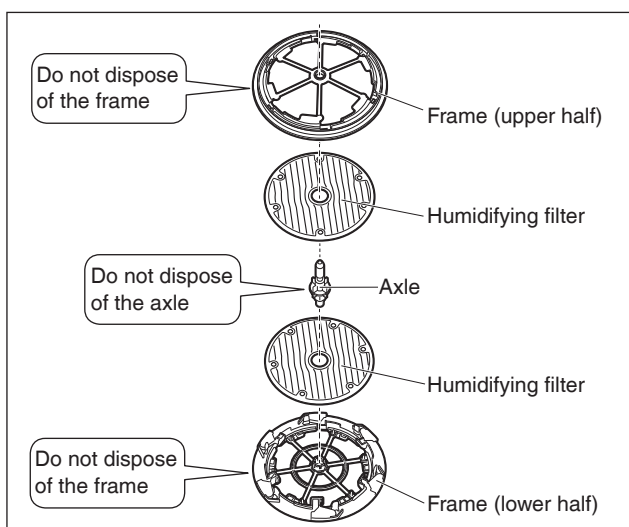
About part replacement timing

- Replacement timing depends on usage patterns and the location of the unit.
Standard replacement time is about 10 years assuming that the filter is used 8 hours per day, 6 months per year, and is cleaned periodically. Replace the humidifying filters if dirt/stains cannot be removed or there is a reduction in humidification performance (water usage rate).

About purchasing and disposal

- Refer to "Separately sold parts". ▶ Page 45

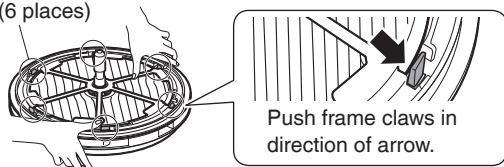
Figure with humidifying filter unit disassembled



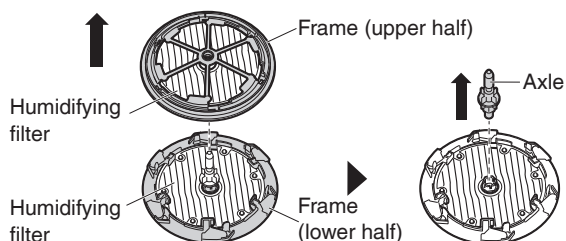
1. Remove the frame and axle.

- Release the frame claws (6 places).

Claws (6 places)

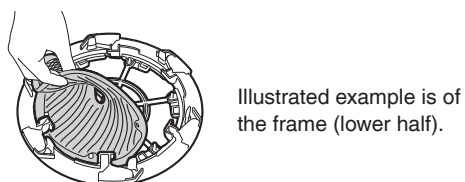


- Remove the frame (upper half) and pull out the axle from the frame (lower half).



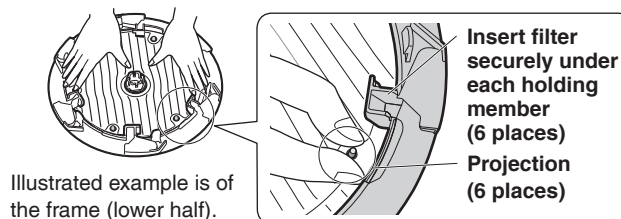
2. Remove the humidifying filters.

- Detach the humidifying filters from each frame.



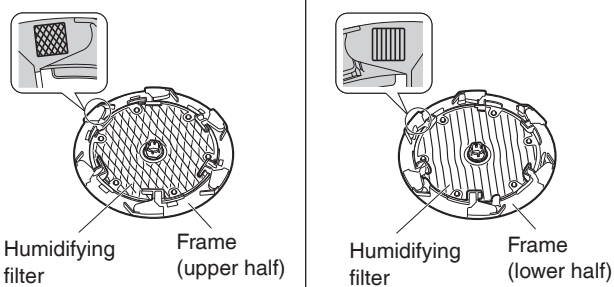
3. Attach the new humidifying filters to each frame. (Both humidifying filters have a front and back.)

- Align the projections (6 places) on each frame with the holes in each filter. (Water leakage may result if not correctly attached.)



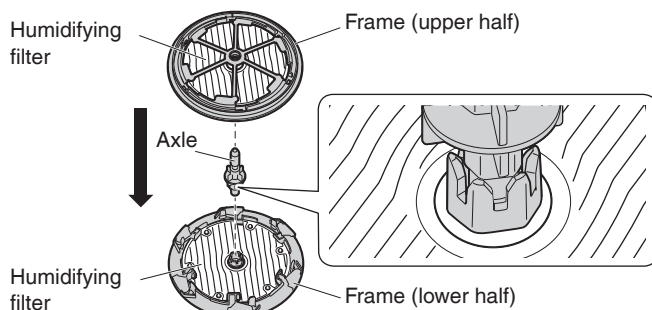
Filter and frame combinations

- Attach the filters to the frames so that the pattern of each filter matches the marking on the frame.

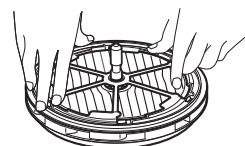


4. Assemble the frames and axle.

- Align the grooves in the frames (upper half and lower half) with the projections on the axle when attaching.



- Insert the claws (6 places) until they click.



*Time until humidifying capacity drops to 50% of the rated humidifying capacity

Maintenance

Attention

Be sure to operate with a dust collection filter and deodorising filter unit attached. If the unit is operated without the filters attached, malfunction may result.

Dust collection filter **Replace**

Replace about every 10 years

About part replacement timing

- Replacement timing depends on usage patterns and the location of the unit.
If the unit is used daily in a home where 5 cigarettes are smoked a day, the filter should be replaced about every 10 years. (If 10 cigarettes are smoked a day, replacement should be about every 5 years.)
(Calculated in accordance with testing method of Japan Electrical Manufacturers' Association JEM1467 standard)
If the impurity content of the ambient air is high, the filter will need more frequent replacement.
If the filter is failing to perform, it is time to replace it.


About purchasing and disposal

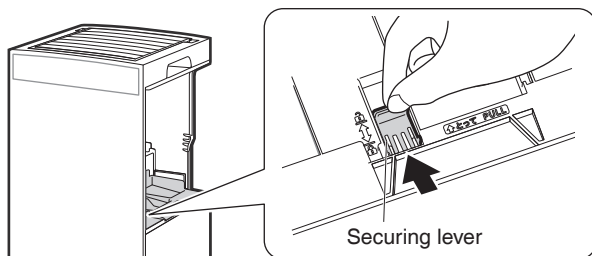
- Refer to "Separately sold parts". ▶Page 45

1. Remove the water tank. ▶Page 15

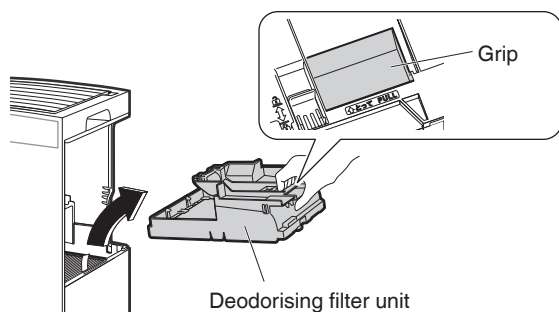
2. Pull out the humidifying tray and then remove the humidifying filter unit. ▶Page 29

3. Remove the deodorising filter unit.

- ① Move the lever on the deodorising filter unit to  to unlock it.

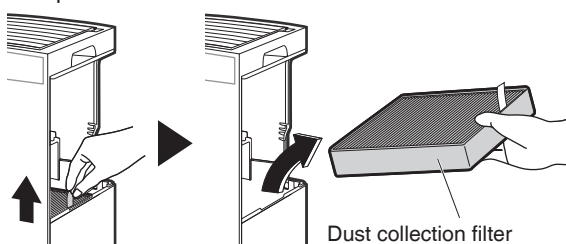


- ② Hold the grip at the top of the deodorising filter unit and lift the part up and out.



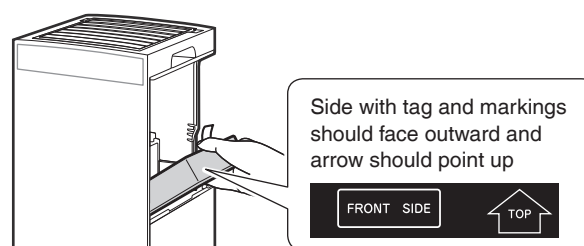
4. Remove the dust collection filter.

- ① Pull the tag upward. ② Hold the lower part of the dust collection filter and lift it out.




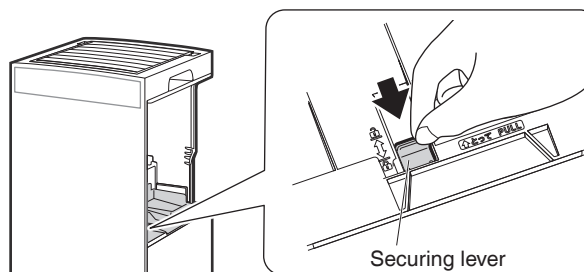
5. Install a new dust collection filter.

- If it is hard to install, push the dust collection filter while installing.



6. Install the deodorising filter unit.

- Install the deodorising filter unit and move the lever to  to lock it.



Attention

Be sure to lock the deodorising filter unit. If it is not locked when the unit is operated, abnormal noise and reduced performance may result.


7. Install the humidifying tray and humidifying filter unit. ▶Page 29

8. Attach the water tank. ▶Page 15


 **WARNING**

Before cleaning and maintenance work, make sure to unplug the unit. (An electric shock or injury may result)

When not using for extended time periods

- 1. Disconnect the power supply plug.**
- 2. Discard any water in the water tank and humidifying tray and then clean the parts.**  Page 27-31
- 3. Leave internal components in a shaded area to dry.**
 - In particular, components cleaned with water should be completely dry. (Mould may result from remaining moisture)
- 4. Cover the air outlet and other openings with a plastic bag or similar to prevent dust entry, and store the unit upright in a dry place.**
(Malfunctioning/breakage may result from storing the unit upside down or on its side)

When not using the Humidifying operation (during off-season etc.)

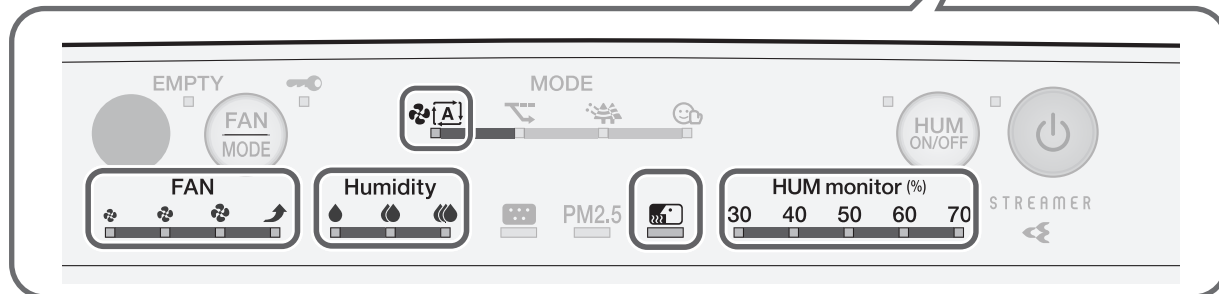
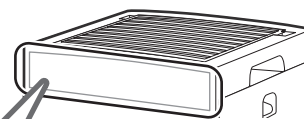
- 1. Disconnect the power supply plug.**
- 2. Discard any water in the water tank and humidifying tray and then clean the parts.**  Page 27-31
- 3. Leave internal components in a shaded area to dry.**
 - In particular, components cleaned with water should be completely dry. (Mould may result from remaining moisture)

When using Air purifying operation only, plug in the power supply and operate.

About the indicator lamps

Operating/Indicator panel

Check the indicator lamps and follow the guidance below.



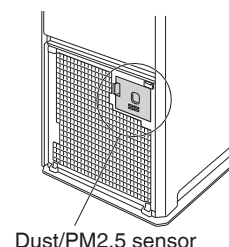
Indicator lamp	Cause/Solution	
Odour sensor lamp Odour sensor lamp is blinking 	This lamp blinks if the deodorising filter or deodorising filter unit has become detached or is not attached properly. (When blinking, the airflow rate is lower.) → Attach the deodorising filter and deodorising filter unit correctly. ▶Page 12, 13	
HUM monitor lamps All 5 HUM monitor lamps are blinking 	An electrical component is faulty. → Contact the place of purchase.	
AUTO FAN MODE lamp AUTO FAN MODE lamp is blinking 		
Humidity lamps All 3 humidity lamps (humidity setting) are blinking 	The temperature sensor or the humidity sensor is faulty. → Contact the place of purchase.	
FAN lamps All 4 FAN lamps are blinking 	Are the pre-filter, outflow grille, dust collection filter, humidifying filter unit, humidifying tray, and water tank attached? These lamps may blink if the unit is operated without a part attached.	■ If all parts are attached An electrical component is faulty. → Contact the place of purchase.
	Is there a buildup of dust on the pre-filter?	■ If one or more components are not attached Remove the power supply plug, reattach the parts and then turn the unit on again.
		■ If there is no dust buildup An electrical component is faulty. → Contact the place of purchase.
		■ If there is a dust buildup Remove the power supply plug, clean the pre-filter and then turn the unit on again. ▶Page 27
	Is the air outlet blocked?	■ If the air outlet is not blocked An electrical component is faulty. → Contact the place of purchase.
		■ If the air outlet is blocked Remove any obstacles blocking the air outlet and then turn the unit on again.
These lamps may blink if there is a sudden voltage fluctuation. ▶Page 39		

FAQs

Please check the following before contacting the place of purchase.

Q: The dust/PM2.5 sensor seems to have poor sensitivity...

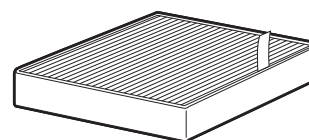
- A:** Perform periodic cleaning of the dust/PM2.5 sensor as dirt on the lens can lead to poor sensitivity. [▶Page 27](#)
 Additionally, the response time of the dust/PM2.5 sensor varies depending on room size.
 Adjust in accordance with the sensitivity setting of the dust/PM2.5 sensor. [▶Page 21, 22](#)
 If the airflow rate setting is set to a strong setting like "Turbo", the responsiveness of the dust/PM2.5 sensor may be poor.
 The strong airflow causes dust to be drawn into the air inlet before it can reach the dust/PM2.5 sensor, however, this is not a malfunction.
 If the airflow rate limit when the water supply lamp is lit is set to "Fan stop", the responsiveness of the dust/PM2.5 sensor may be poor when the water supply lamp is lit. (Because the fan is stopped) [▶Page 25, 26](#)



Dust/PM2.5 sensor

Q: Can the dust collection filter be cleaned with water?

- A:** It cannot be cleaned with water.
 (Reduced performance of the dust collection filter may result.)
 Replace it if dirt buildup is severe. [▶Page 28](#)
 Depending on the usage environment, odours may adhere to the dust collection filter.
 If odour is an issue, replace the filter. [▶Page 33](#)

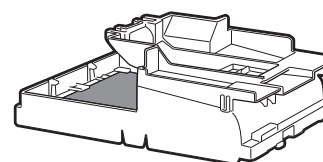


Q: The dust collection filter easily turns black...

- A:** This will not affect dust collection performance, however, if this is an issue, replace the filter. [▶Page 33](#)

Q: Can the deodorising filter be cleaned with water? Or should it be replaced?

- A:** It cannot be cleaned with water.
 (If water is used, the part will lose its shape and become unusable.)
 If you have inadvertently washed it with water, contact the place of purchase.
 Remove the deodorising filter unit from the main body and vacuum off dust with a vacuum cleaner.
 Replacement is not necessary.
 Depending on the usage environment, odours may adhere to the deodorising filter.
 If odour is an issue, air it out in the shade. (about 1 day) [▶Page 28](#)



Q: No steam is visible during Humidifying operation...

- A:** No steam is visible because humidification is achieved by passing air through the humidifying filters and vaporising, rather than by boiling water.

Q: Air emitted during Humidifying operation feels cool...

- A:** Emitted air is a little lower in temperature than the air drawn-in because heat in the air is used when the water contained in the humidifying filters is vaporised.

FAQs

Please check the following before contacting the place of purchase.

Q: Humidification is in progress but ambient humidity is not rising...

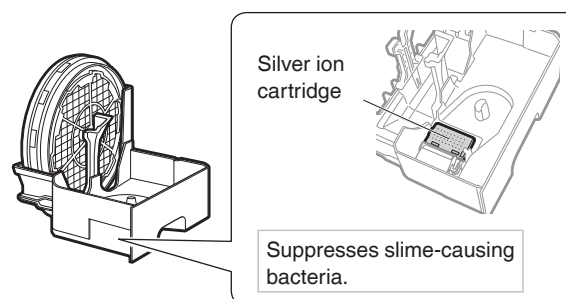
- A:** It may take time for humidity to rise depending on room size and conditions. **Set the humidity to “High”** and increase the airflow rate setting.
Dirt on the humidifying filter unit can cause reduced performance.
Perform periodic cleaning/maintenance. [▶Page 17, 28-31](#)

Q: Is continuous operation possible?

- A:** Continuous operation is possible.
The unit should be periodically stopped for maintenance and cleaning.

Q: Is it not necessary to replace the silver ion cartridge attached to the humidifying tray?

- A:** The silver ion cartridge has a service life of 10 years.



Troubleshooting

■ Before making an inquiry or a request for repair, please check the following.

If the problem persists, contact the place of purchase.

■ In the event of malfunction during operation

If the indicator lamps on the unit indicator panel light up abnormally during operation due to a lightning strike etc., and operation is not possible, remove the power supply plug, wait at least 5 seconds then reinsert the power supply plug and start operation again.



Not a problem





This case is not a problem.










Check

Please check again before requesting repairs.

■ Unit will not operate

Phenomenon	Check points
Unit will not operate even if  on the remote controller is pressed.	<ul style="list-style-type: none">  Are the batteries in the remote controller depleted? → Replace the batteries. ▶Page 14 Are buttons on remote controls for TVs, VCRs, etc., stuck in the pressed state? → If any buttons are being held down because e.g., they are pressed against the remote control rack, there maybe signal interference. Are there any devices in the room equipped with the capacity to retransmit received remote control signals in other directions? Some TV speakers etc., are equipped with the above functionality. → If there is such a device in the room, the signal from that device and the signal from the remote controller may interfere with each other preventing signal reception.  To protect the system, the unit may stop operating after sudden large voltage fluctuations. If operating at the time, operation will resume automatically once voltage returns to normal. Voltage protection range: 180V-264V
Unit will not operate	<ul style="list-style-type: none">  Is the airflow rate limit for when the water supply lamp is lit set to "Fan stop"? → If the airflow rate limit when the water supply lamp is lit is set to "Fan stop", the fan will stop when the water supply lamp is lit. ▶Page 25, 26

■ Sounds can be heard

Phenomenon	Check points
Jittering sound when starting operation or when in ECONO MODE	<ul style="list-style-type: none">  This is the sound of the motor starting and is not a malfunction.
Catching sound during Humidifying operation	<ul style="list-style-type: none">  A catching sound may be generated when Humidifying operation starts or stops.
Burbling sound during Humidifying operation	<ul style="list-style-type: none">  A burbling sound may be generated when water is supplied from the water tank to the humidifying tray.
During Humidifying operation or after Humidifying operation stops, there are sizzling or rumbling sounds.	<ul style="list-style-type: none">  This sound is generated when the humidifying filter unit rotates. If the sounds are an issue, try moving the unit to a different location.
Creaking sound during Humidifying operation	<ul style="list-style-type: none">  Is the humidifying tray or humidifying filter unit dirty? → A sound may be generated when there is a buildup of water scales on the humidifying tray or humidifying filter unit. Clean the parts. ▶Page 29-31
Splashing sound during Humidifying operation	<ul style="list-style-type: none">  This is the sound of water splashing on to the humidifying filters.
Hissing sound during operation	<ul style="list-style-type: none">  While the Streamer is operating, the Streamer unit will emit a hissing sound when conducting Streamer discharge. Depending on usage conditions, the sound may become quieter or change to a crackling, whirring, or guzzling sound, however, this is normal. If the sounds are an issue, try moving the unit to a different location. You can also set the Streamer output to "Low". ▶Page 21, 22

Troubleshooting

Sounds can be heard

Phenomenon	Check points
Whistling and fluttering sound during operation	<ul style="list-style-type: none"> ? Is there a buildup of dust on the pre-filter? → Clean the part. ▶Page 27 Is the dust collection filter clogged up? → Clean the part. ▶Page 28 Depending on usage conditions, the dust collection filter may become clogged up, shortening its service life. ▶Page 6 If the problem persists even after cleaning, replace the dust collection filter. ▶Page 33
Operation noise is loud	<ul style="list-style-type: none"> ? Is the dust collection filter attached properly? → If it is not properly attached, operating sounds may become louder. ▶Page 33

Indicator lamps

Phenomenon	Check points
The water supply lamp turns on and off repeatedly	<ul style="list-style-type: none"> ✓ Even after the water supply lamp has turned on, depending on the airflow rate, water in the humidifying tray may ripple and move the float causing the water supply lamp to turn on and off repeatedly. (This is because the on/off status of the water supply lamp is dependent on float position.) → Stop operation, unplug the power supply, and then fill the water tank with water. ▶Page 15
Indicator lamps other than the ON/OFF lamp, water supply lamp, and humidifier ON/OFF lamp do not light up	<ul style="list-style-type: none"> ? Is the indicator lamps brightness set to OFF? → To make the lamps light up, change the indicator lamps brightness to BRIGHT or DIM. ▶Page 18 → If indicator lamps brightness is set to OFF, after the unit is turned on, the brightness of the indicator lamps will be DIM for about 10 seconds and then turn OFF. ▶Page 18
Indicator lamps turn off about 10 seconds after the unit is turned on	
All the FAN lamps ("❄️ (Quiet)", "❄️ (Low)", "❄️ (Standard)", "🌀 (Turbo)") are blinking	<ul style="list-style-type: none"> ? Are the pre-filter, outflow grille, dust collection filter, humidifying filter unit, humidifying tray, and water tank attached? These lamps may blink if the unit is operated without a part attached. [If one or more parts are not attached] → Remove the power supply plug, reattach the parts and then turn the unit on again. [If all parts are attached] An electrical component is faulty. → Contact the place of purchase. Is there a buildup of dust on the pre-filter? [If there is a buildup of dust] ▶Page 27 → Unplug the power supply plug, clean the pre-filter and then turn the unit on again. [If there is no dust] An electrical component is faulty. → Contact the place of purchase. Is the air outlet blocked? [If the air outlet is blocked] → Remove any obstacles blocking the air outlet and then turn the unit on again. [If the air outlet is not blocked] An electrical component is faulty. → Contact the place of purchase.
	<ul style="list-style-type: none"> ✓ These lamps may blink if there is a sudden voltage fluctuation. The lamps will return to their previous state once voltage returns to normal. Voltage protection range: 180V-264V
The dust/PM2.5 sensor lamps remain orange or red	<ul style="list-style-type: none"> ? Is there a buildup of dust in or around the air intake for the dust/PM2.5 sensor? → Vacuum off any dust from the air intake using a cleaner. ▶Page 27 Is the cover detached from the air intake for the dust/PM2.5 sensor? → Securely attach the cover. ▶Page 27 Is the dust/PM2.5 sensor lens dirty? → Wipe off dirt from the lens using a dry cotton bud or similar. ▶Page 27 Is the pre-filter dirty? → Clean the part. ▶Page 27

Indicator lamps

Phenomenon	Check points
The water supply lamp remains on even though water was added.	<ul style="list-style-type: none"> Is the humidifying tray securely attached? → Push it all the way in. (▶Page 29) Is the float in the humidifying tray stuck? Is the float in the humidifying tray attached correctly? → Attach the float correctly and make sure it moves smoothly. (▶Page 29)
There is an odour but the odour sensor lamp remains green	<ul style="list-style-type: none"> Was there a strong odour when operation was started? → The first 1 minute after the power is connected or the unit is turned on will serve as the reference for odour sensor sensitivity. (▶Page 9) If the air becomes cleaner during operation, the reference for odour sensor sensitivity will be updated and the colour of the lamp will change in response to odour. Is the airflow rate limit for when the water supply lamp is lit set to "Fan stop"? → If the airflow rate limit when the water supply lamp is lit is set to "Fan stop", the fan will stop when the water supply lamp is lit. The responsiveness of the odour sensor may be poor when the fan is stopped. (▶Page 25, 26)
Sometimes the Streamer lamp does not light up	<ul style="list-style-type: none"> The Streamer may cease operating depending on the degree of air impurity and airflow rate. (▶Page 22) Is Streamer output set to "Low"? → When set to "Low", the Streamer operates for a shorter time compared to when it is set to "Normal". (▶Page 21, 22) Is the unit operating in ECONO MODE? → The Streamer lamp does not light up when the unit is in Monitoring mode. (▶Page 20)
Odour sensor lamp is blinking	<ul style="list-style-type: none"> Are the deodorising filter and deodorising filter unit attached? → Attach the deodorising filter and deodorising filter unit correctly. (▶Page 12, 13)

Air purifying function



Phenomenon	Check points
Air purifying capacity is reduced	<ul style="list-style-type: none"> Is the unit positioned in a place where airflow cannot reach or surrounded by obstacles? → Choose a position that is obstacle-free and from where airflow can reach all areas of the room. Is the pre-filter or dust collection filter dirty? → Clean the part. (▶Page 27, 28)
The air outlet is emitting an odour	<p>The air purifier gathers dust and odour in the room. If there are strong odours or constantly-emitted odours in the room, the odours will not be able to be eliminated, and may adhere to the unit or the filter, resulting in an emission of odours after a few weeks or months.</p> <ul style="list-style-type: none"> Is there a strong odour in the room, or anything in the room that is giving off an odour continuously? (paint, new furniture, wallpaper, sprays, cosmetics, medicines, air fresheners, aromatic oils, cigarettes, grilled meat, etc.) → Use a ventilator at the same time or run the unit in a well-ventilated room until the odour disappears. Is the room filled with odours due to the grilling of meat or several people smoking? → The odour will gradually fade as the unit operates. Did you move the unit to another room? → The unit may emit the odour of the room in which it was used previously. Keep operating until the odour disappears. Is there an odour coming from the deodorising filter, dust collection filter, humidifying filter, or humidifying tray? → Clean the parts. (▶Page 28-31) Discard any water in the humidifying tray each time you refill the water tank. When using the Air purifying operation only, discard any water in the water tank and humidifying tray. Do not use deodorisers, insecticides, or other flammable sprays etc., near or directly on the unit.

Troubleshooting

■ Air purifying function

Phenomenon	Check points
The air outlet is emitting an odour	<p>?</p> <ul style="list-style-type: none"> In some cases the air outlet may emit a slight odour as trace amounts of ozone are generated when Streamer discharge or Active Plasma Ion discharge is happening. However, the amount is negligible and is not harmful to your health. If an odour comes out of the air outlet when operation is started, set the airflow rate to “Turbo” and continue operating until the odour disappears. ▶Page 17 If you are concerned about the odour from the air outlet, you can suppress the generation of odour by setting the airflow rate limit when the water supply lamp is lit to “Fan stop”. ▶Page 25, 26
No air is being emitted	<p>?</p> <ul style="list-style-type: none"> Is the air outlet or air inlet blocked? If the air outlet is not blocked, an electrical component is faulty. → Contact the place of purchase. Is the airflow rate limit for when the water supply lamp is lit set to “Fan stop”? → If the airflow rate limit when the water supply lamp is lit is set to “Fan stop”, the fan will stop when the water supply lamp is lit. Air will not be emitted when the fan is stopped. ▶Page 25, 26
The airflow rate cannot be adjusted	<p>?</p> <ul style="list-style-type: none"> Is the odour sensor lamp blinking? → Attach the deodorising filter and deodorising filter unit correctly. ▶Page 12, 13

■ Humidifying function

Phenomenon	Check points
Humidification does not occur even though there is water in the water tank (Humidifying filter does not rotate)	<p>✓</p> <ul style="list-style-type: none"> Since this unit achieves humidification through vaporisation, the water gets used up slowly when ambient humidity is high or the temperature is low. Humidifying operation stops when room humidity reaches the target humidity set for Humidifying operation. ▶Page 17
Water in the water tank is not getting used up	<p>?</p> <ul style="list-style-type: none"> Is the humidifier ON/OFF lamp lit? → If the lamp is not lit, press  or . Are the humidifying filter and humidifying filter unit attached correctly? ▶Page 29, 32 Are there any water scales or dirt on the humidifying filters? → Water scales or dirt buildup on the humidifying filters can cause reduced performance. Dirt buildup on the humidifying filters varies according to water quality and may result in reduced performance. Clean the humidifying filter unit. ▶Page 29-31 Is the water supply lamp lit? → If it is lit, the humidifying tray is not attached properly. Reattach the humidifying tray. ▶Page 29 Is the odour sensor lamp blinking? → If it is blinking, the deodorising filter or deodorising filter unit are not attached correctly. If not attached correctly, the airflow rate will decrease and humidification performance will fall. Attach the deodorising filter and deodorising filter unit correctly. ▶Page 12, 13
The humidifying filter does not rotate	<p>?</p> <ul style="list-style-type: none"> Is the airflow rate limit for when the water supply lamp is lit set to “Fan stop”? → If the airflow rate limit when the water supply lamp is lit is set to “Fan stop”, the fan and humidifying filter will stop when the water supply lamp is lit. ▶Page 25, 26

■ Humidifying function

Phenomenon	Check points
The HUM monitor lamps always display high humidity	<p>?</p> <ul style="list-style-type: none"> Is the unit positioned next to a window or in a location exposed to cold wind? <ul style="list-style-type: none"> → There is a possibility that only the air surrounding the unit is of high humidity. Move the unit to a different location. <p>✓</p> <ul style="list-style-type: none"> Humidity builds up easily in north facing rooms or rooms close to wet areas, such as the bathroom, so these rooms tend to have higher humidity. Immediately after starting operation, the humidity may be displayed higher than it actually is, depending on the condition of the air inside the unit. Let the unit operate for about 1 hour and then check again.
The humidity level indicated on the unit differs from other hygrometers	<p>✓</p> <ul style="list-style-type: none"> This is because, even in the case of 1 room, the airflow causes temperature and humidity to vary throughout that room. Please consider the indications to be a rough estimate of ambient humidity. <p>?</p> <ul style="list-style-type: none"> Is the airflow rate limit for when the water supply lamp is lit set to “Fan stop”? <ul style="list-style-type: none"> → If the airflow rate limit when the water supply lamp is lit is set to “Fan stop”, the fan will stop when the water supply lamp is lit. The responsiveness of the humidity sensor may be poor when the fan is stopped. ▶Page 25, 26
Ambient humidity does not rise	<p>✓</p> <ul style="list-style-type: none"> When the indoor or outdoor humidity is low, the walls or flooring material of the room are dry, or when the room has poor insulation against drafts, the target humidity may not be readily achieved. <p>?</p> <ul style="list-style-type: none"> Are you using the unit in a room with a floor area greater than that recommended for the unit? ▶Page 44 Is the humidity set to “ (Low)” or “ (Standard)”? Is the airflow rate set to “ (Quiet)” or “ (Low)”? → Set the humidity to “ High” and increase the airflow rate setting. ▶Page 17 Is the odour sensor lamp blinking? <ul style="list-style-type: none"> → Attach the deodorising filter and deodorising filter unit correctly. ▶Page 12, 13
Humidifying operation does not stop even after the humidity rises	<p>✓</p> <ul style="list-style-type: none"> When indoor or outdoor humidity is high, the walls and floor of the room are moist, or the room has good insulation against drafts, the target humidity may be exceeded. <p>?</p> <ul style="list-style-type: none"> Is the unit exposed to direct sunlight or warm air from a heating appliance? <ul style="list-style-type: none"> → Move the unit to a location without such direct exposure. Air purification is performed even during Humidifying operation. When the humidity set for Humidifying operation is reached, Humidifying operation stops but Air purifying operation continues.
Humidifying operation does not stop even though the water supply lamp is lit (the humidifying filter continues to rotate)	<p>✓</p> <ul style="list-style-type: none"> Even if the water supply lamp lights up, the humidifying filter will continue to rotate for about 90 minutes in order to reduce the amount of water remaining in the humidification tray. If you want Humidifying operation to continue, clean the water tank, and then fill it with water. ▶Page 9, 15, 28
Water in the water tank is decreasing even though Humidifying operation is not being performed	<p>✓</p> <ul style="list-style-type: none"> Even when performing only Air purifying operation, if there is water in the tank, the air will be slightly humidified due to natural evaporation because of airflow, and the water in the water tank will be used up. When using the Air purifying operation only, discard any water in the water tank and humidifying tray.

Troubleshooting

■ Humidifying function

Phenomenon	Check points
Water splashes out from the air outlet	<p>?</p> <ul style="list-style-type: none"> Are the pre-filter, outflow grille, dust collection filter, humidifying filter and water tank attached? ▶Page 15, 27, 29, 32, 33 <ul style="list-style-type: none"> → Attach them properly. When removing the humidifying filters from the frame and replacing <ul style="list-style-type: none"> Did you shape the new filters properly? Did you attach both of them? Did you attach them so that the engraved pattern on the frame matches the pattern on the humidifying filter? <ul style="list-style-type: none"> → Attach them properly. ▶Page 32 Discard any water remaining in the humidifying tray and clean it with water. ▶Page 29
The airflow rate does not reach the set level during Humidifying operation	<p>✓</p> <ul style="list-style-type: none"> Even if you have selected an airflow rate that suits your preferences, when the water supply lamp lights up, the airflow rate will change to "Quiet". If you do not want the airflow rate to change to "Quiet", change the setting. ▶Page 25, 26 <p>(Depending on ambient odour and dust levels, the airflow rate may not change to "Quiet".)</p>

■ Other

Phenomenon	Check points
The fan stops midway through unit operation	<p>✓</p> <ul style="list-style-type: none"> During ECONO MODE operation, when Monitoring mode begins the fan turns on and off repeatedly. ▶Page 20 <p>?</p> <ul style="list-style-type: none"> Is the unit being operated without the pre-filter, outflow grille, dust collection filter, humidifying filter unit, humidifying tray, or water tank attached? <p>The fan is configured to stop in order to protect electrical components if a part is not attached.</p> <ul style="list-style-type: none"> → If a part is not attached, unplug the power supply, attach the part properly, and then restart operation. Is the airflow rate limit for when the water supply lamp is lit set to "Fan stop"? <ul style="list-style-type: none"> → If the airflow rate limit when the water supply lamp is lit is set to "Fan stop", the fan will stop when the water supply lamp is lit. ▶Page 25, 26
The sound of Streamer discharge can no longer be heard	<p>✓</p> <ul style="list-style-type: none"> The Streamer may cease operating depending on the degree of air impurity and airflow rate. ▶Page 22 <p>?</p> <ul style="list-style-type: none"> Is Streamer output set to "Low"? ▶Page 21, 22
There is water spilled on the floor	<p>?</p> <ul style="list-style-type: none"> Was the unit tilted? <ul style="list-style-type: none"> → Water may spill out if the unit is tilted. Before moving the unit, turn off the power and discard any water in the water tank and humidifying tray. Is the cap for the water tank correctly and securely attached? <ul style="list-style-type: none"> → If the cap is loose or is not properly aligned, water may leak. Tighten it securely before use. Is there a large buildup of water scales on the humidifying filter? <ul style="list-style-type: none"> → Water leakage may result from water scale buildup. Clean the part. ▶Page 29-31
There is interference on our TV screen	<p>?</p> <ul style="list-style-type: none"> Is the TV or radio positioned within 2m of the unit, or is an indoor antenna positioned near the unit? Are the power supply cord or antenna cable of the TV or radio routed near the unit? <ul style="list-style-type: none"> → Keep the unit as far away from the TV/radio/antenna as possible.
Our radio emits noise	
(Auto-restart specification) Just inserting the power plug causes operation to start	<p>?</p> <ul style="list-style-type: none"> Did you disconnect the power plug during a power failure, or when a sudden voltage fluctuation occurred, to move the unit, or disconnect the power plug during the last operation? <ul style="list-style-type: none"> → The auto-restart function automatically resumes operation.

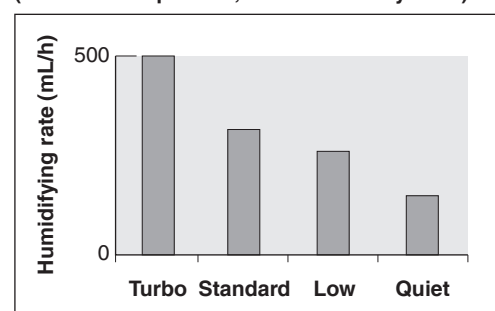
Specifications

Model name	MCK555AVM-W							
Power supply	Single phase 50Hz 220-240V/60Hz 220-230V							
Operation mode	Air purifying				Humidifying and Air purifying (at indoor temp.: 20°C, indoor humidity: 30%)			
	Turbo	Standard	Low	Quiet	Turbo	Standard	Low	Quiet
Power consumption (W)*1	56	17	10	7	58	19	14	9
Rated power consumption (W)*2	56*3 (Maximum power consumption 58*4)							
Operating sound (dB)*5	53	39	29	20	53	39	33	20
Airflow rate (m³/h)*6	330	192	120	54	330	192	144	54
Humidifying rate (mL/h)	—*7				500*8			
Coverage area (m²)	41*9				—			
	82*10							
CADR (m³/h)	320*11				—			
External dimensions (mm)	700(H)× 270(W)× 270(D)							
Weight (kg)	9.5 (when water tank is empty)							
Water tank volume (L)	Approx. 2.7							
Power supply cord length (m)	1.8							

- These specification values are applicable to both 50Hz 220–240V and 60Hz 220–230V.
- Even when the power is off, approx. 1W of power is consumed to run the microcomputer.
- This appliance is designed to be used in residential or commercial areas.
- A-weighted emission sound pressure level is below 70dB(A).

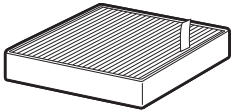
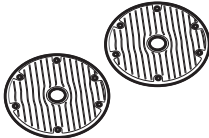
- *1. Power consumption was calculated in accordance with JEM1426.
 *2. Rated power consumption was calculated in accordance with JEM1467.
 *3. During Air purifying operation
 *4. During Humidifying and Air purifying operation
 *5. Operation sound was calculated in accordance with JEM1467.
 *6. Airflow rate was calculated in accordance with JEM1467.
 *7. When there is water in the water tank, the water level may fall and ambient humidity may rise slightly.
 *8. Humidifying rate was calculated in accordance with JEM1426. (when airflow rate setting is "Turbo")
 *9. Coverage area was calculated in accordance with JEM1467. (when airflow rate setting is "Turbo")
 *10. Coverage area was calculated in accordance with NRCC-54013 standard using cigarette smoke CADR.
 *11. CADR was tested in accordance with JEM1467. (when airflow rate setting is "Turbo")

Humidifying rate
(at indoor temp.: 20°C, indoor humidity: 30%)



Separately sold parts

Contact the place of purchase

<div>Replacement part</div> <div>Dust collection filter (1 piece) Model: BAFP500A</div>	<div>Replacement part</div> <div>Humidifying filters (without frame) (Yellow: 2 pieces) Model: KNME109A4E</div>
<div></div> <div><ul style="list-style-type: none">• Replace about every 10 years.• Catches dust and pollen.</div>	<div></div> <div><ul style="list-style-type: none">• Replace about every 10 years.• Humidify air by vaporising water during Humidifying operation.</div>

- Failure to clean parts properly could result in:
 - Reduced air purifying capacity.
 - Reduced deodorising capacity.
 - Emission of odours.
- Observe local waste separation rules when disposing of the dust collection filter (made of polyester and polypropylene) and the humidifying filters (made of polyester).

■ Disposal requirements



Your product and the batteries supplied with the controller are marked with this symbol. This symbol means that electrical and electronic products and batteries shall not be mixed with unsorted household waste. For batteries, a chemical symbol can be printed beneath the symbol. This chemical symbol means that the battery contains a heavy metal above a certain concentration. Possible chemical symbols are:

- Pb: lead (>0.004%)
- Hg: mercury (>0.0005%)

Disposal of this product must be done in accordance with relevant local and national legislation. Units and waste batteries must be treated at a specialized treatment facility for re-use, recycling and recovery. By ensuring correct disposal, you will help to prevent potential negative consequences for the environment and human health. Please contact the installer or local authority for more information.

MEMO

DAIKIN INDUSTRIES, LTD.

Osaka Umeda Twin Towers South,
1-13-1, Umeda, Kita-ku, Osaka, 530-0001, Japan
<https://www.daikin.com>

DAIKIN EUROPE N.V.

Zandvoordestraat 300, B-8400 Oostende, Belgium

DAIKIN ISITMA VE SOĞUTMA SİSTEMLERİ SAN. TİC. A.Ş.

Gülsuyu Mahallesi, Fevzi Çakmak Caddesi, Burçak Sokak No:20
34848 Maltepe / İSTANBUL / TÜRKİYE
Tel: 0216 453 27 00
Faks: 0216 671 06 00
Çağrı Merkezi: 444 999 0
Web: www.daikin.com.tr

The bar code is a manufacturing code.



* 3 P 7 8 8 5 5 1 0 1 K *

The two-dimensional bar code is
a manufacturing code.

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