

PHILIPS

Air purifier

AC2220, AC2221



User manual

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1 Important

Safety

Read this user manual carefully before you use the appliance, and save it for future reference. To ensure the best performance, kindly suggest the firmware of your purifier is upgraded to the latest version. You can do this upgrade via the Air+ app.

Danger

- Do not let any liquid or flammable detergent enter the appliance, to avoid electric shock and/or a fire hazard.
- Do not spray any flammable materials such as insecticides or fragrance around the appliance.

Warning

- Check if the voltage indicated on the appliance corresponds to the local mains voltage before you connect the appliance.
- If the power cord is damaged, you must have it replaced by Philips, a service center authorized by Philips, or similarly qualified persons in order to avoid a hazard.
- Do not use the appliance if the plug, the power cord, or the appliance itself is damaged.
- Only to be used together with the adaptor provided with the appliance.
- This appliance can be used by children aged from 8 years and above under supervision.
- This appliance can be used by 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.
- Do not block the air inlet and outlet, e.g. by placing items on the air outlet or in front of the air inlet.
- Make sure that foreign objects do not fall into the appliance through the air outlet.
- Standard WiFi interface based on 802.11b/g/n/ax at 2.4GHz with a maximum output power of 72mW EIRP.
- Bluetooth version 5.2 (LE) at frequency 2.4 GHz with RF output less than 10mW EIRP.
- We recommend people who are allergic to dust, pollen, pets or mold, not to replace filters by themselves or to take protective measures, such as mask and gloves.

Caution

- This appliance is not a substitute for proper ventilation, regular vacuum cleaning, or use of an extractor hood or fan while cooking.
- Always place and use the appliance on a dry, stable, level, and horizontal surface.
- Leave at least 20cm free space around the appliance and leave at least 30cm free space above the appliance.
- Do not sit or stand on the appliance. Do not place anything on top of the appliance.
- Do not place the appliance directly below an air conditioner to prevent condensation from dripping onto the appliance.
- Only use the original Philips filters specially intended for this appliance. Do not use any other filters.
- Combustion of the filter may cause irreversible human hazard and/or jeopardize other lives. Do not use the filter as fuel or for similar purpose.
- Avoid knocking against the appliance (the air inlet and outlet in particular) with hard objects.
- Do not insert your fingers or objects into the air outlet or the air inlet to prevent physical injury or malfunctioning of the appliance.
- Do not use this appliance when you have used indoor smoke-type insect repellents or in places with oily residues, burning incense, or chemical fumes.
- Do not use the appliance near gas appliances, heating devices or fireplaces.

- Always unplug the appliance when you want to move, clean appliance, replace the filter or carry out maintenance.
- The appliance is only intended for household use under normal operating conditions.
- Do not use the appliance in wet surroundings or in surroundings with high humidity or high ambient temperatures, such as the bathroom, or in a room with major temperature changes.
- The appliance does not remove carbon monoxide (CO) or radon (Rn). It cannot be used as a safety device in case of accidents with combustion processes and hazardous chemicals.

Electromagnetic fields (EMF)

This appliance complies with the applicable standards and regulations regarding exposure to electromagnetic fields.

Recycling

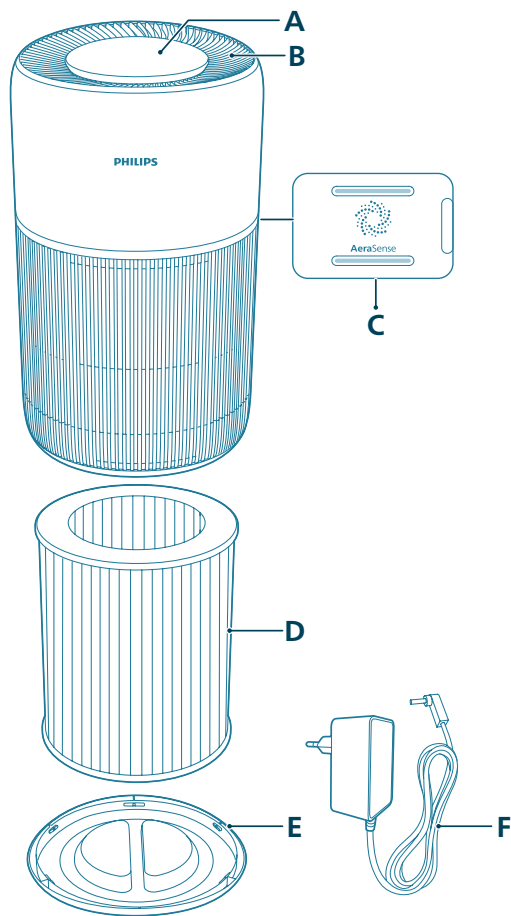
Do not throw away the product with the normal household waste at the end of its life, but hand it in at an official collection point for recycling. By doing this, you help to preserve the environment.

Follow your country's rules for the separate collection of electrical and electronic products. Correct disposal helps prevent negative consequences for the environment and human health.

2 Your air purifier

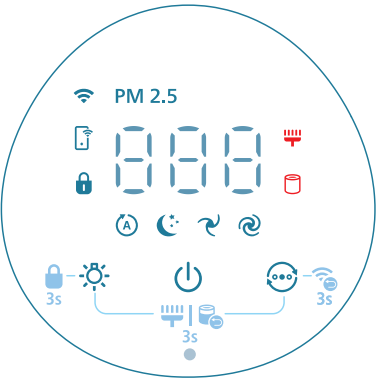
Congratulations on your purchase, and welcome to Philips!
To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Product overview



A	Control panel	D	Filter (FY2200)
B	Air outlet	E	Base
C	Air quality sensor	F	Adapter (KA3601A-1502400AU)

Controls overview



Control buttons

	Power on/off		Mode switch button/WiFi reset button (long press 3 seconds)
	Light function button (short press)/Child lock button (long press 3 seconds)		Filter cleaning/replacement reset

Display panel

PM2.5	PM2.5 display		App-operated mode
	Child lock indicator		Auto mode
	Sleep mode		Medium mode
	Turbo speed		Filter cleaning alert
	Filter replament alert		

Note:

- The light sensor is located beneath the power button. Please ensure that it is not obstructed by any other objects.

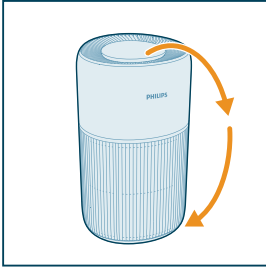
3 Getting started

Installing the filter

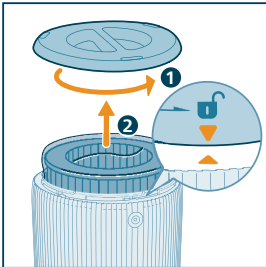
Remove all packaging of the filter before first use.

Note: Make sure the air purifier is unplugged from the electrical outlet before installing the filter.

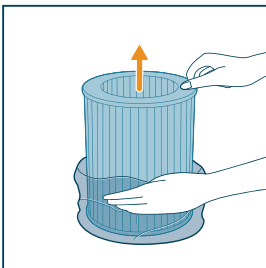
- 1 Turn the appliance upside down.



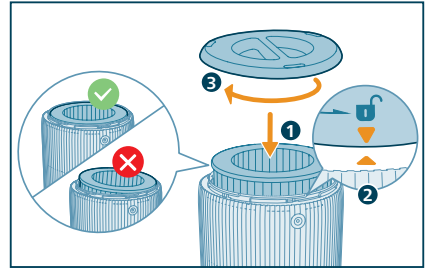
- 2 Rotate the base anti-clockwise to remove it from the appliance. Pull the filter out from the appliance.



- 3 Remove all packaging materials of the air purification filter.



- 4 Put the filter back into the appliance. Ensure the filter is level and aligned with the base (of the appliance). Reattach the base and rotate it clockwise to fasten the base.

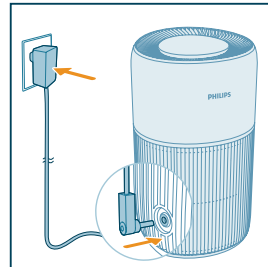


Connecting power

Caution: Risk of electric shock! When you unplug the adaptor, always pull the plug from the socket. Never pull the cord.

Connect the power adapter to:

- First, the appliance.
- Then, the wall outlet.



Understanding Wi-Fi indicator

Wi-Fi icon status	Wi-Fi connection status
Blinking in orange	Connecting to the smartphone
Stable in orange	Connected to the smartphone
Blinking in white	Connecting to the server
Stable in white	Connected to the server
Off	Wi-Fi function disabled

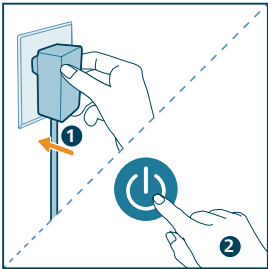
Wi-Fi connection

Setting up the Wi-Fi connection for the first time

- 1 Download and install the Philips “Air+” app from the **App Store** or **Google Play**.



- 2 Put the adapter of the purifier in the power socket and press  to turn on the air purifier.
↳ The Wi-Fi indicator  blinks orange for the first time.



- 3 Make sure that your smartphone or tablet is successfully connected to your Wi-Fi network.



Note:

- Enable the Bluetooth feature on your smartphone to ensure smooth pairing.
- Please ensure your smartphone is connected to a 2.4GHz (home) Wi-Fi network instead of a 5GHz Wi-Fi network or public Wi-Fi. For a successful pairing, we suggest turning off your mobile data before initiating the pairing process.

- 4 Launch the “Air+” app and click on “**Connect a New Device**” or press the “+” button on the top of the screen. Follow the onscreen instructions to connect the air purifier to your network.



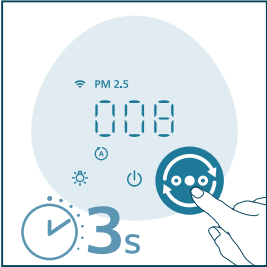
Note:

- This instruction is only valid when the air purifier is being set up for the first time. If the network has changed or the setup needs to be performed again, see Chapter “Reset the Wi-Fi connection” on page 9.
- If you want to connect more than one air purifier to your smartphone or tablet, you have to do this one by one.
- Make sure that the distance between your smartphone or tablet and the air purifier is less than 10 m without any obstructions.

Reset the Wi-Fi connection

Note:

- Reset the Wi-Fi connection when your default network has changed.
- 1 Put the plug of the air purifier in the power socket and press  to turn on the air purifier.
 - 2 Touch and hold  for 3 seconds until you hear a beep.
 - ↳ The air purifier goes to pairing mode.
 - ↳ The Wi-Fi indicator  blinks orange.



- 3 Follow steps 3-4 in “Setting up the Wi-Fi connection for the first time” section.

4 Using the air purifier

Understanding the air quality light

Once turned on, the air purifier will start scanning the air quality. After approximately 30 seconds, the particle sensor selects the color that corresponds to the surrounding air quality of airborne particles.

The color of the air quality light is determined by the PM2.5 reading.

PM2.5

AeraSense sensing technology accurately detects and quickly responds to even the slightest particle change in the air. It provides you with reassurance with realtime PM2.5 feedback. Most of the indoor air pollutants fall under PM2.5 – which refers to airborne particle pollutants smaller than 2.5 micrometers. Common indoor sources of fine particles are tobacco smoke, cooking, burning candles. Some airborne bacteria and the smallest mold spores, pet allergen and dust mite allergen particles also fall under PM2.5.

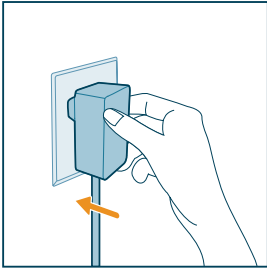
PM2.5 level	Air quality color	Air quality level
≤12	Blue	Good
13-35	Blue-purple	Fair
36-55	Purple-red	Poor
>55	Red	Very poor

Turning on and off

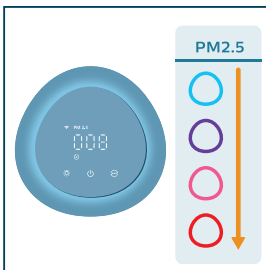
Note:

- For optimum purification performance, close doors and windows.
- Avoid foreign objects (such as curtains) from falling into or obstructing the air inlet or air outlet.

- 1 Put the plug of the air purifier in the power socket.



- 2 Press the  button to turn on the purifier.
 - ↳ The purifier beeps.
 - ↳ The "----" displays on the screen during warming up. Then the air purifier shows the PM2.5 level after measuring the air quality.
 - ↳ The air purifier operates in the Auto mode with PM2.5 displayed on the screen.



- 3 Press the  again to turn off the purifier.

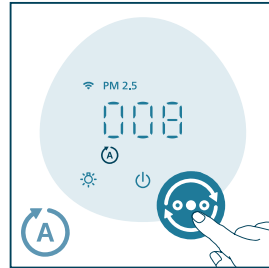
Note: If the air purifier stays connected to the electrical outlet after turning OFF, the air purifier will operate under the previous settings when turned ON again.

Changing the mode setting

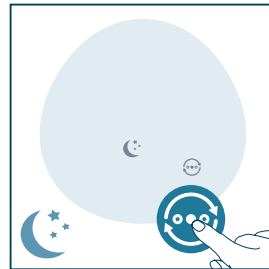
You can press the  button to select the Auto mode () , the sleep mode () , the medium mode () , or the Turbo mode () .

Additional operating modes () can be selected in the Air+ app.

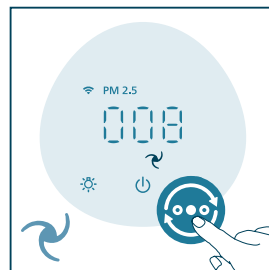
- **Auto mode:** The appliance automatically adjusts the fan speed in accordance with the ambient air quality.



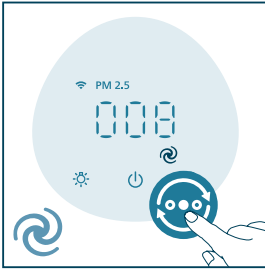
- **Sleep mode:** The appliance operates quietly at a low speed. After 3 seconds, the display lights turn off.



- **Medium mode:** The appliance operates on a medium mode.



- **Turbo speed:** The appliance operates on the highest speed.



- **App-operated mode:** The appliance is operating a mode that is only available through the app, such as additional manual fan speeds or other modes that were customized in the app.



- Note: The app-operated mode is available ONLY through the app after the Wi-Fi connection is successful.

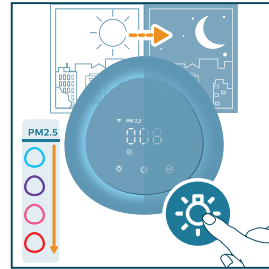
Using the light function

With the light sensor, the control panel can automatically turn on, turn off or dim according to the ambient light.

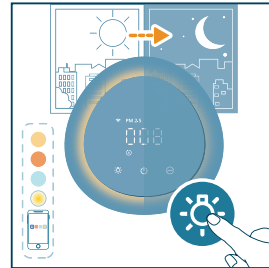
The control panel will be off or dim when the ambient light is dark. You can press any button to wake up all lights. Then, if there is no further operation, all lights will be off or dim again to match with the ambient light.

You can press the  button to turn on air quality light, ambient light or turn off all lights and the control panel.

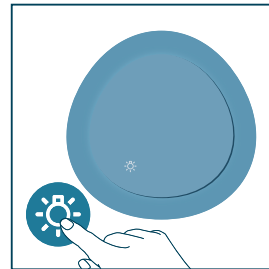
- 1 The purifier will turn on the air quality light by default. The air quality ring will change color based on the ambient air quality.



- 2 Press the  button to switch to the ambient light mode. Tailor the brightness and color of the cozy light in the Air+ app.

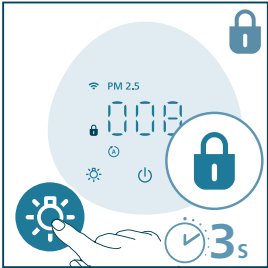


- 3 You can press the  button to turn off all lights and the control panel. Press the  button again to wake up all lights.

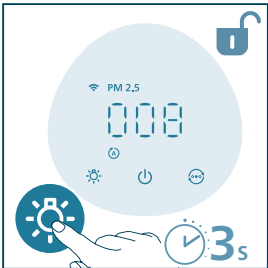


Setting the child lock

- 1 You can press and hold the  button for 3 seconds to activate the child lock.
↳ The  displays on the screen.



- 2 Press and hold the  button for 3 seconds to deactivate the child lock.
↳ The  disappears from the screen.



5 Cleaning and maintenance

Note:

- Always unplug the appliance before you clean it.
- Never immerse the appliance in water or any other liquid.
- Never use abrasive, aggressive, or flammable cleaning agents such as bleach or alcohol to clean any part of the appliance.
- Never use any liquids (including water) to clean the filter.
- Do not attempt to clean the particle sensor with a vacuum cleaner.

Cleaning schedule

Frequency	Cleaning method
When necessary	Wipe the plastic part of the appliance with a soft, dry cloth
	Clean the air outlet cover
Every two months	Clean the particle sensor with a dry cotton swab
The  displays on the screen.	Clean the surface of the filter

Cleaning the body of the air purifier

Regularly clean the inside and outside of the air purifier to prevent dust from collecting.

- Use a soft, dry cloth to clean both the interior and exterior of the air purifier and the air outlet.
- The air outlet can also be cleaned with a dry, soft cloth.

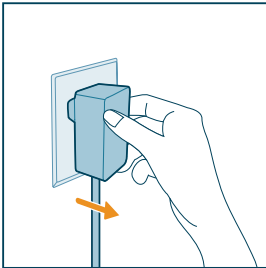
Cleaning the particle sensor

Clean the particle sensor every 2 months for optimal functioning of the appliance.

Note:

- If the air purifier is used in a dusty environment, it may need to be cleaned more often.
- If the humidity level in the room is very high, condensation may develop on the particle sensor and the air quality light may indicate a poorer air quality even though the air quality is actually good. If this occurs, clean the particle sensor.

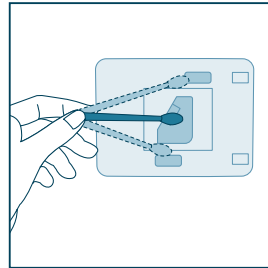
- 1 Switch off the air purifier and unplug from the power socket.



- 2 Open the air quality sensor cover.



- 3 Clean the particle sensor with a damp cotton swab. Dry all parts thoroughly with a dry cotton swab.

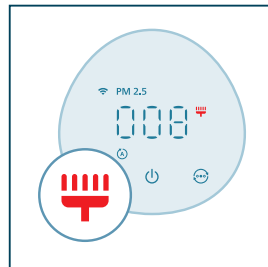


- 4 Close the air quality sensor cover.



Cleaning the filter

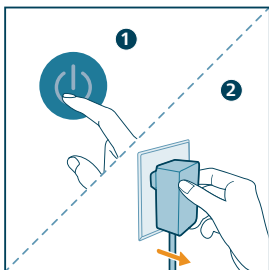
When the filter cleaning alert  displays on the screen, clean the surface of the filter with a vacuum cleaner.



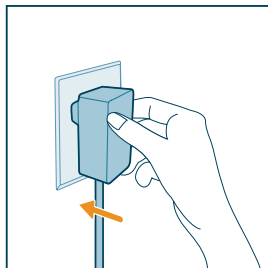
Note:

- We recommend people who are allergic to dust, pollen, pets or mold, not to replace filters by themselves or to take protective measures, such as wearing a mask and gloves.

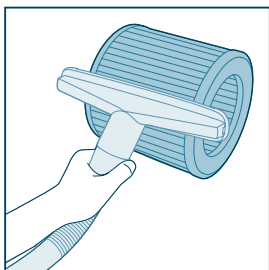
- 1 Switch off the appliance and unplug from the power socket.



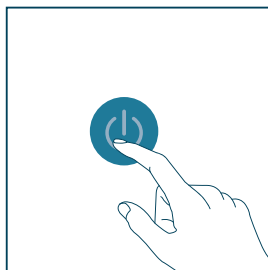
- 4 Put the adapter of the air purifier in the power socket.



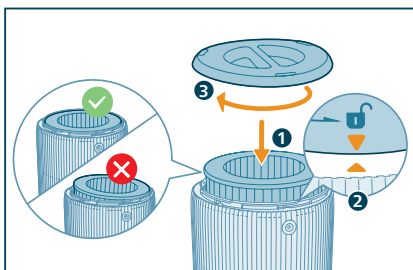
- 2 Use a cloth, or a vacuum cleaner to clean the filter.



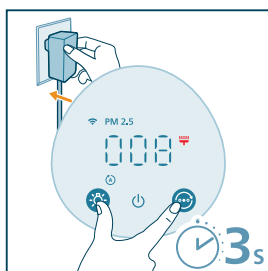
- 5 Press the power button to switch on the appliance.



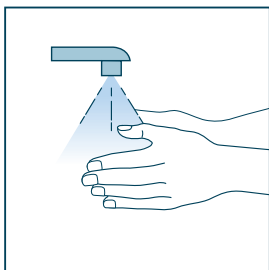
- 3 Put the filter back into the appliance. Ensure the filter is level and aligned with the base (of the appliance). Reattach the base and rotate it clockwise to fasten the base.



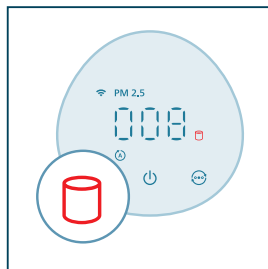
- 6 Press and hold the  and  button for 3 seconds to reset the filter cleaning time.
- ↳ You can also reset the filter cleaning time via the Air+ app.
 - ↳ After the reset is successful, the filter cleaning alert disappears from the screen.



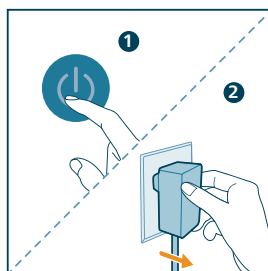
- 7 Wash your hands thoroughly after cleaning the filter.



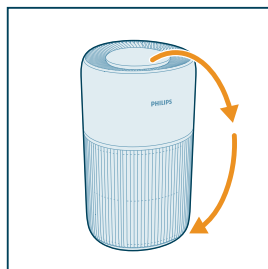
When the filter replacement alert  lights up, replace the filter (FY2200).



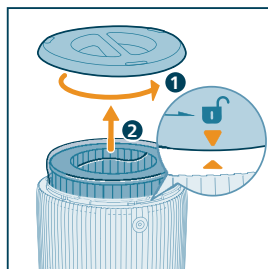
- 1 Switch off the air purifier and unplug from the power socket.



- 2 Turn the appliance upside down.



- 3 Rotate the base anti-clockwise to remove it from the appliance. Pull the filter out from the appliance.



Replacing the filter

Understanding the healthy protection lock

This air purifier is equipped with a filter replacement indicator to make sure that the air purification filter is in optimal condition when the air purifier is operating. When the filter need to be replaced, the filter replacement alert  lights up red.

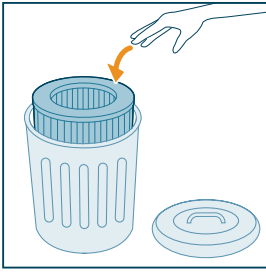
If the filter is not replaced in time, the air purifier will stop operating and automatically lock to protect the air quality in the room. Replace the filter as soon as possible.

Replacing the filter

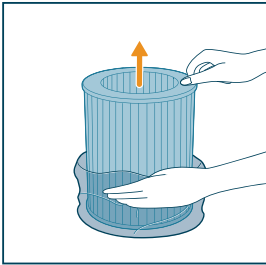
Note:

- The filter is not washable or reusable.
- Always turn off the purifier and unplug from the electrical outlet before replacing the filter.
- We recommend people who are allergic to dust, pollen, pets or mold, not to replace filters by themselves or to take protective measures, such as wearing a mask and gloves.
- For installation guidance, please refer to the manual included in the filter box.

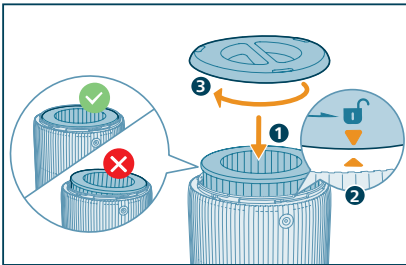
- 4 Discard the used filter.



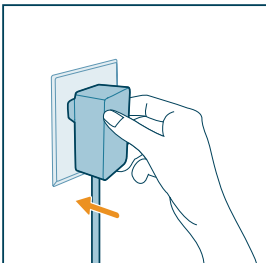
- 5 Remove all packaging materials of the new filter.



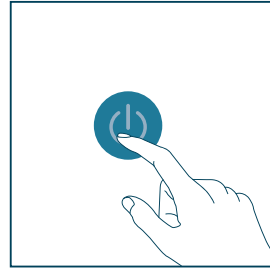
- 6 Put the filter back into the appliance. Ensure the filter is level and aligned with the base (of the appliance). Reattach the base and rotate it clockwise to fasten the base.



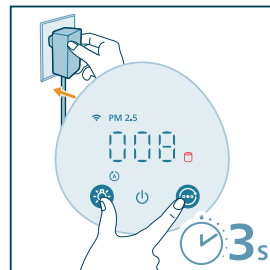
- 7 Put the adapter of the air purifier in the power socket.



- 8 Press the power button to switch on the appliance.

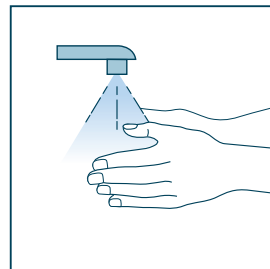


- 9 Press and hold the  and  button for 3 seconds to reset the filter lifetime counter.



- ➔ You can also reset the filter replacement time via the Air+ app.
- ➔ After the reset is successful, the filter replacing alert disappears from the screen.

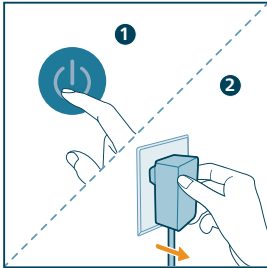
- 10 Wash your hands thoroughly after replacing the filter.



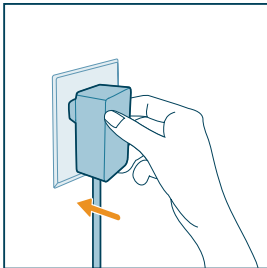
Filter reset

You can replace the filter even before the filter replacement alert () displays on the screen. After replacing a filter, you need to reset the filter lifetime counter manually.

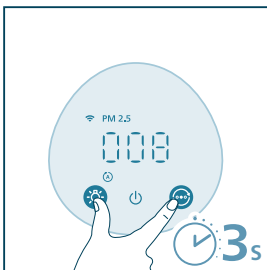
- 1 Press the power button to turn off the purifier, and unplug the appliance.



- 2 Make sure the appliance is completely unplugged, and then put the power plug in the power socket.



- 3 Within 15 seconds after power on, press and hold the  and  button for 3 seconds to reset the filter lifetime counter.



6 Storage

- 1 Turn off the air purifier and unplug from the power socket.
- 2 Clean the appliance, particle sensor and the surface of the filter (see chapter "Cleaning and maintenance").
- 3 Let all parts air dry thoroughly before storing.
- 4 Wrap the filter in air tight plastic bags.
- 5 Store the air purifier and filter in a cool, dry location.
- 6 Always thoroughly wash your hands after handling the filter.

7 Troubleshooting

This chapter summarizes the most common problems you could encounter with the appliance. If you are unable to solve the problem with the information below, contact the Consumer Care Center in your country.

Problem	Possible solution
The appliance does not work properly.	• The filter replacement alert has been on continuously but you have not replaced the corresponding filter. As a result, the appliance is now locked. In this case, replace the filter and long press  and  to reset the filter lifetime counter.
The airflow that comes out of the air outlet is significantly weaker than before.	• The surface of the filter is dirty. Clean the surface of the filter (see the chapter "Cleaning and maintenance").
The air quality does not improve, even though the appliance has been operating for a long time.	• Check if the packing material is removed from the filter. • The filter has not been placed in the appliance. Make sure that the filter (FY2200) is properly installed. • The particle sensor is wet. The humidity level in your room is high and causes condensation. Make sure that the particle sensor is clean and dry (see the chapter "Cleaning and maintenance"). • Room size is large or the outdoor air quality is poor. For optimum purification performance, please close the doors and windows when operating the air purifier. • There are indoor pollution sources. For instances, smoking, cooking, incense, perfume or alcohol. • Filter reaches the end of life. Replace the filter with a new one.
The color of the air quality light always stays the same.	• The particle sensor is dirty. Clean the particle sensor (see the chapter "Cleaning and maintenance").
The appliance produces a strange smell.	• The first few times you use the appliance, it may produce a plastic smell. This is normal. However, if the appliance produces a burnt smell even if removing filters, contact your Philips dealer or an authorized Philips service center. The filter may produce smell after being used for a while because of the absorption of indoor gases. It's recommended that you reactivate the filter by putting it in direct sunlight for repeated use. If odor still exists, replace the filter.
The appliance is extra loud.	• It's normal if the appliance runs at the Turbo mode. • In the Auto mode, if the appliance is too loud, maybe the appliance runs at high speed because air quality becomes worse, or your personalized setting in App triggers a higher fan speed. You can choose the Sleep mode, or change the settings in the App. • If there is abnormal sound, contact the Consumer Care Center in your country. • If anything drops into the air outlet, it may also cause abnormal loud sound. Immediate turn off appliance, turn appliance upside down, to get foreign objectives out of appliance.

Problem	Possible solution
The appliance still indicates that I need to replace a filter, but I already did.	Perhaps you did not reset the filter lifetime counter. Switch on the appliance. Then press and hold the  and  for 3 seconds.
Error code "E1" displays on the screen.	The motor has a malfunctions. Contact the Consumer Care Center in your country.
The Wi-Fi setup is not successful.	- If the router your purifier is connected to is dual – band and currently it is not connecting to a 2.4GHz network, please switch to another band of the same router (2.4GHz) and try to pair your purifier again. 5GHz networks are not supported. - Web authentication networks are not supported. - Check if the purifier is within range of the Wi-Fi router. You can try to locate the air purifier closer to the Wi-Fi router. - Check if the network name is correct. The network name is case-sensitive. - Check if the Wi-Fi password is correct. The password is case-sensitive. - Retry the setup with the instructions in section "Reset the Wi-Fi connection". - The Wi-Fi connectivity can be interrupted by electromagnetic or other interferences. Keep the appliance away from other electronic devices that may cause interferences. - Check if the mobile device is in airplane mode. Make sure to have the airplane mode deactivated when connecting to the Wi-Fi network. - Consult the help section in the App for extensive and up-to-date troubleshooting tips.

8 Warranty and support

Versuni offers a two-year warranty after purchase on this product. This warranty is not valid if a defect is due to incorrect use or poor maintenance. Our warranty does not affect your rights under law as a consumer. For more information or for invoking the warranty, please visit our website www.philips.com/support.

Order parts or accessories

If you have to replace a part or want to purchase an additional part, go to your Philips dealer or visit www.philips.com/support.

If you have problems obtaining the parts, please contact the Philips Consumer Care Center in your country.

For Australia and New Zealand

Our goods and services come with guarantees that cannot be excluded under the Australian Consumer Law, or under the Consumer Guarantees Act (NZ). For major failures with the service, you are entitled: to cancel your service contract with us; and to a refund for the unused portion, or to compensation for its reduced value. You are also entitled to choose a refund or replacement for major failures with goods. If a failure with the goods or a service does not amount to a major failure, you are entitled to have the failure rectified in a reasonable time. If this is not done you are entitled to a refund for the goods and to cancel the contract for the service and obtain a refund of any unused portion. You are also entitled to be compensated for any other reasonably foreseeable loss or damage from a failure in the goods or service. To make a claim under this warranty, contact: Versuni Australia on 1300 805 865 (AU) or 0800 854885 (NZ). Expenses of claiming the warranty will be borne by the person making the claim. This warranty is provided by Versuni Australia, 65 Epping Road North Ryde, Sydney NSW.



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