PHILIPS

AC3055, AC3059

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, please ensure your purifier is upgraded to the latest version. You can do this upgrade via the Clean Home+ app.

Danger

- Do not clean the appliance with water, any other liquid, or a (flammable) detergent, nor let them 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 power 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.
- 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 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 at 2.4 GHz with a maximum output power of 31.62 mW EIRP.

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 other 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, toilet, or kitchen, 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 Philips appliance complies with all 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.

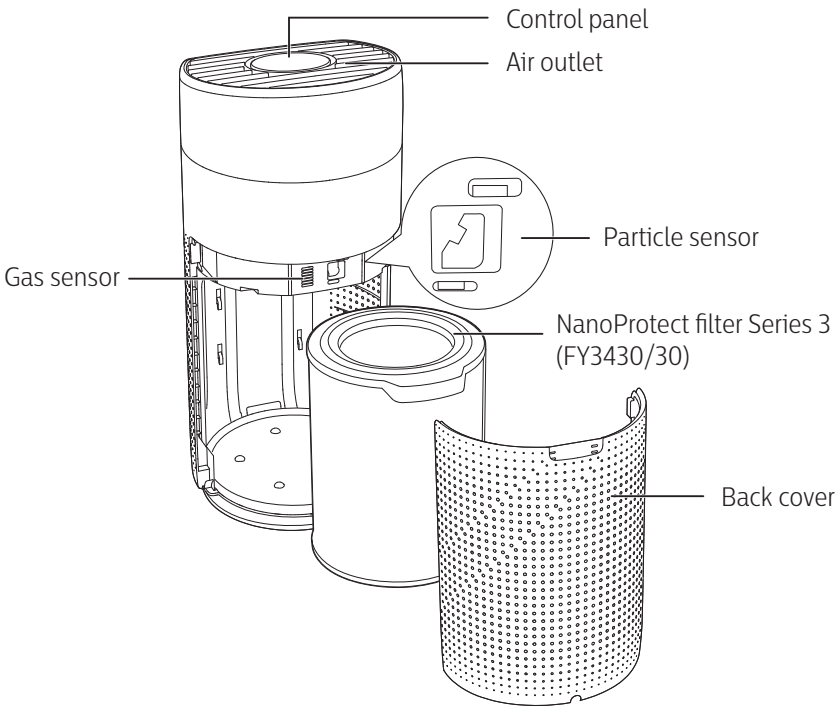
Follow your country's rules for the separate collection of electrical and electronic products. Correct disposal helps prevent negative consequences for the environment and human health.

2 Your air purifier

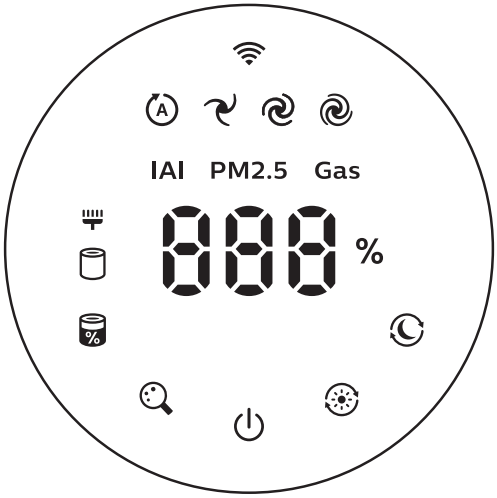
Congratulations on your purchase, and welcome to Philips!

To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Product overview



Controls overview



Control buttons

	Filter status/reset button		Display switch/ Light on/Light off button
	Power on/off button		Day mode button
	Night mode button		

Display panel

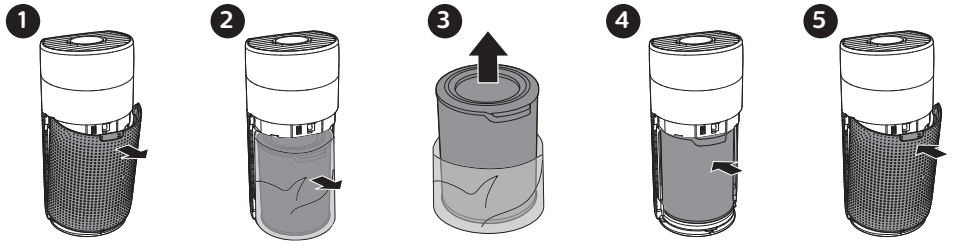
	Wi-Fi indicator		Auto mode (day)/ Allergy Sleep mode (night)
	Manual speed 1		Manual speed 2
	Turbo mode	IAI	Indoor Allergen Index display
PM2.5	PM2.5 display	Gas	Gas pollution display
	Filter cleaning alert		Filter replacement alert

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 Pull the back cover and remove it from the appliance.
2 Pull the filter from the appliance.
3 Remove all packaging materials of the air purification filter.
4 Put the filter back into the appliance.
5 Reattach the back cover.

Understanding Wi-Fi indicator

Wi-Fi icon status	Status
Blink in orange	Connecting to the smartphone
Stable in orange	Connected to the smartphone
Blink 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 "**Clean Home+**" app from the App Store or Google Play.

2 Put the plug of the air purifier in the power socket and touch ⏻ 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.

4 Launch the "**Clean Home+**" 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 8.
- 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.
- This App supports the latest versions of Android and iOS. Please check www.philips.com/cleanhome for the latest update of supported operating systems and devices.

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 touch ⏻ to turn on the air purifier.

2 Touch and simultaneously for 3 seconds until you hear a beep.
   ↳ The air purifier goes to pairing mode.
   ↳ The Wi-Fi indicator blinks orange.

3 Follow the 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

The air quality light automatically goes on when the air purifier is switched on, and lights up all colors in sequence. After approximately 30 seconds, the particle sensor selects the color that corresponds to the surrounding air quality of airborne particles.

Air quality light color	Air quality level
Blue	Good
Blue-purple	Fair
Purple-red	Poor
Red	Very poor

The color of the air quality light is determined by the highest risk index among PM2.5, IAI and Gas readings.

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 real-time PM2.5 feedback.

PM2.5 level	Air quality light color
≤60	Blue
61-120	Blue-purple
121-250	Purple-red
>250	Red

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.

IAI

The professional-grade **AeraSense** sensor detects the level of indoor air allergen and with numerical feedback from 1 to 12 the potential risk level of indoor air allergens can be displayed. 1 indicates best air quality.

IAI level	Air quality light color
1-3	Blue
4-6	Blue-purple
7-9	Purple-red
10-12	Red

GAS

With an advanced gas sensor, a display ranging from L1 to L4 shows the level change of potential harmful gases (incl. VOC, odor, etc.) detected. L1 indicates best air quality.

Gas level	Air quality light color
L1	Blue
L2	Blue-purple
L3	Purple-red
L4	Red

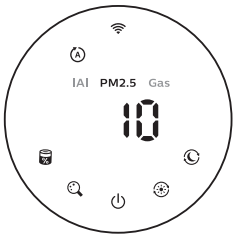
Turning on and off

Note:

- For optimum purification performance, close doors and windows.
- Keep curtains away from the air inlet or air outlet.

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

2 Touch ⏻ to switch on the air purifier.
   ↳ The air purifier beeps.
   ↳ The "---" displays on the screen during warming up. Then the air purifier shows the PM2.5/IAI/Gas level after measuring the air quality.
   ↳ The air purifier operates in the auto mode with PM2.5 displayed on the screen.

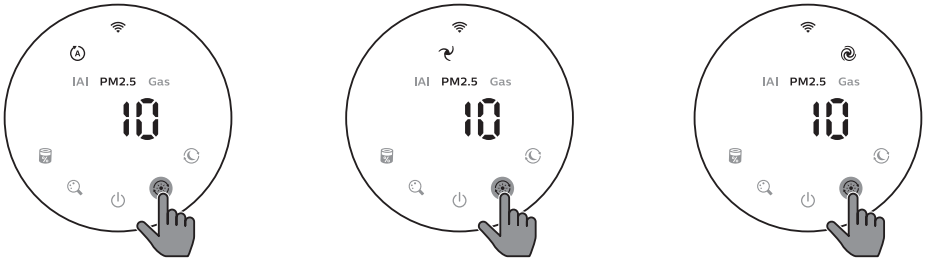


3 Touch and hold the ⏻ button for 3 seconds to switch off the air purifier.

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 day mode setting

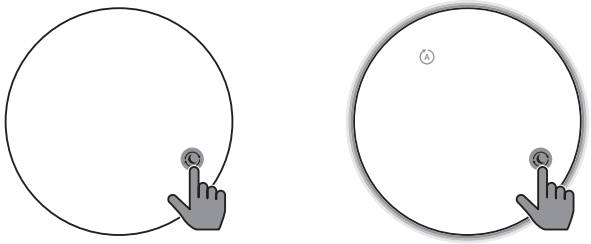
You can choose Auto mode, speed 1, speed 2 or Turbo mode by touching the ☼ button.



- **Auto mode (Ⓐ):** In Auto mode, the dual-sensor senses the air quality in real-time and the appliance automatically adjusts the fan speed in accordance with the ambient air quality. The control panel can automatically adjust display screen brightness according to the ambient light.
- **Manual speed (&):** In manual mode, the air purifier operates on speed 1 or speed 2.
- **Turbo mode ( ):** In Turbo mode, the air purifier operates on the highest speed.

Changing the night mode setting

You can choose normal Sleep mode or Allergy Sleep mode by touching the button.



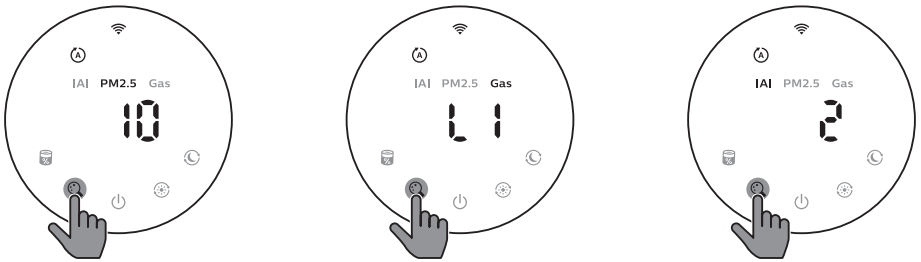
- **Normal Sleep mode:** In normal Sleep mode, the air purifier operates quietly at a low speed. After 3 seconds, the button dims, all lights and buttons are off.
- **Allergy Sleep mode ( ):** In Allergy Sleep mode, the air purifiers responds to night-time dust events and switches the device to a more powerful mode– while keeping the sound level suitable for sleep. The indicator displays on the screen. The and dims, other buttons are off.

Touch any button to wake up from the sleep mode. Then, if no further operation within 3 seconds, all lights will be dim again.

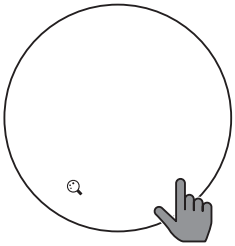
Switching the display indicator

Note: The appliance displays PM2.5 level by default.

↳ Touch the button to switch display indicator among PM2.5/Gas/IAI.

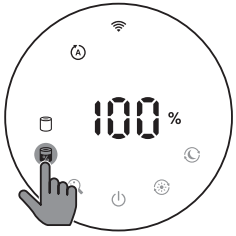


Using the light on/off function



- 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 touch any button to wake up all lights. Then, if no further operation, all lights will be off or dim again to match with the ambient light.
- You can touch and hold the button for 3 seconds manually to turn off all lights and the control panel. Touch any button to wake up all lights.

Checking the filter status



- Touch the filter status check/reset button to check the filter service life status.
  ↳ The percentage of remaining service life of the filter displays on the screen.

Icon color	Filter life indication	Display (%)
Blue	Optimal service life	16-100
Blue-purple	Good service life	9-15
Purple-red	Service life almost reaches the end	4-8
Red	Service life ends, replace the filter	0-3

Note: The appliance goes back to normal display if no operations after 3 seconds.

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 and gas sensor with a vacuum cleaner.

Cleaning schedule

Frequency	Cleaning method
When necessary	Wipe the surface 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.

1 Use a soft, dry cloth to clean both the interior and exterior of the air purifier.

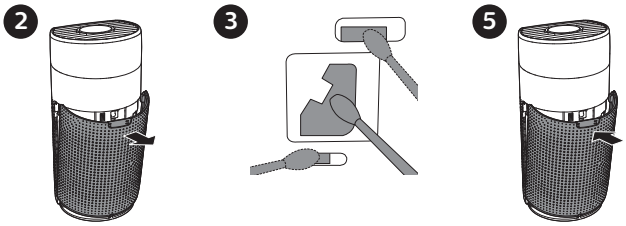
2 The air outlet can also be cleaned with a dry, soft cloth.

Cleaning the particle sensor

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

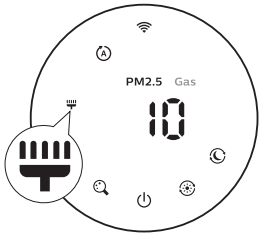
Note:

- 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 more poor air quality even though the air quality is actually good. If this occurs, clean the particle sensor.



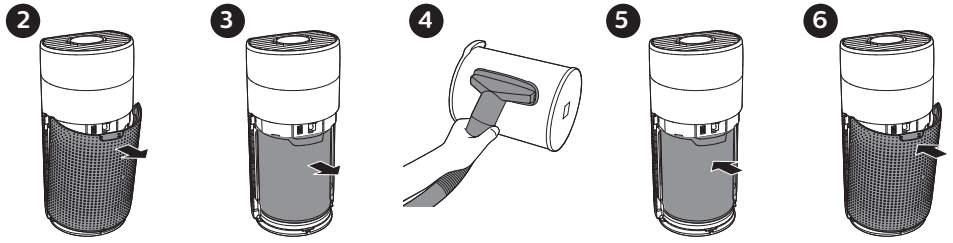
1 Switch off the air purifier and unplug from the power socket.
2 Pull the back cover and remove it from the appliance.
3 Clean the particle sensor with a damp cotton swab.
4 Dry all parts thoroughly with a dry cotton swab.
5 Reattach the back cover.

Cleaning the surface of the filter



Filter alert light status	Action
The filter cleaning alert displays on the screen.	Clean the surface of the filter with a vacuum cleaner.

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



2 Pull the back cover and remove it from the appliance.
3 Pull the filter from the appliance.
4 Clean the surface of the filter with a vacuum cleaner.
5 Put the filter back into the appliance.
6 Reattach the back cover.
7 Put the plug of the air purifier in the power socket.
8 Touch the ⏻ button to switch on the appliance.
9 Touch and hold the filter status check/reset button for 3 seconds to reset the filter cleaning time.
10 Wash your hands thoroughly after cleaning the filter.

Replacing the filter

Understanding the healthy protection lock

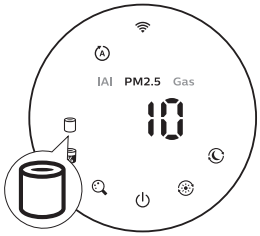
This air purifier is equipped with a filter replacement indicator to make sure that the air purification filter is in optimal condition when the air purifier is operating. When the filter need to be replaced, the filter replacement alert lights up red.

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

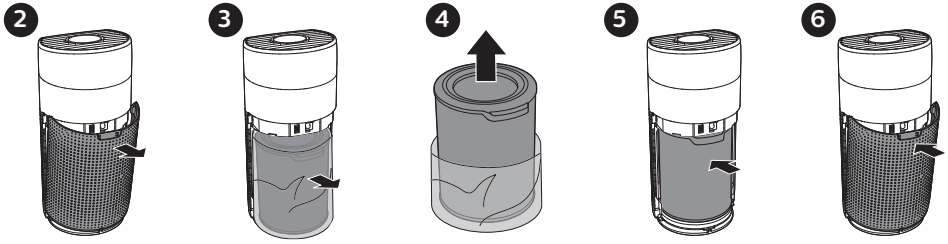
Note:

- The filter is not washable or reusable.
- Always turn off the air purifier and unplug from the electrical outlet before replacing the filter.



Filter alert light status	Action
The filter replacement alert lights up	Replace the NanoProtect filter Series 3 (FY3430/30)

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



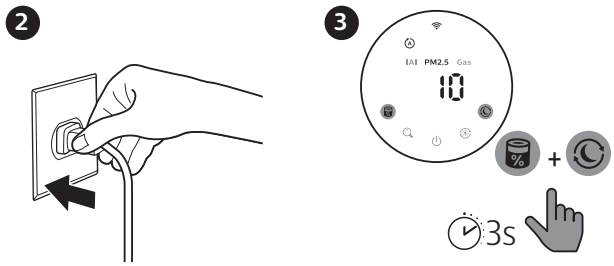
2 Pull the back cover and remove it from the appliance.
3 Pull the filter from the appliance.
4 Remove all packaging materials of the new filter.
5 Put the new filter into the appliance.
6 Reattach the back cover.
7 Put the plug of the air purifier in the power socket.
8 Touch the ⏻ button to switch on the appliance.
9 Touch and hold the filter status check/reset button for 3 seconds to reset the filter lifetime counter.
10 Wash your hands thoroughly after replacing the filter.

Note: Do not smell the filter as it has collected pollutants from the air.

Filter reset

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

1 Touch the power button for 3 seconds to turn off the appliance and unplug from power socket.



2 Put the power plug in the power socket.

3 Within 15 seconds after power on, touch and hold 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 air purifier, 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, filter in a cool, dry location.

6 Always thoroughly wash 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 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 (FY3430/30) 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 resources. For instances, smoking, cooking, incense, perfume or alchohol. • 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.

Problem	Possible solution
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 drop into air outlet, it may also cause abnormal loud sound. Immediate turn off appliance, turn appliance upside down, to get foreign objectives out of appliance.
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 touch and hold the reset button ( ) for 3 seconds.
Error code “E1” displays on the screen.	• The motor has malfunctions. Contact the Consumer Care Center in your country.

Problem	Possible solution
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 Guarantee and service

If you need information or if you have a problem, please visit the Philips website at www.philips.com or contact the Philips Consumer Care Center in your country (you can find its phone number in the worldwide guarantee leaflet). If there is no Consumer Care Center in your country, go to your local Philips dealer.

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 (you can find its phone number in the worldwide guarantee leaflet).

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