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Philips AC4221/11

Philips 4200 Series Air Purifier

INSTRUCTION MANUAL

Model: AC4221/11

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1. Product Overview

The Philips 4200 Series Air Purifier (Model AC4221/11) is designed to provide a healthier indoor environment by effectively removing airborne pollutants. It features advanced multi-layer filtration, intelligent automatic operation, and quiet, energy-efficient performance, making it suitable for various living spaces.

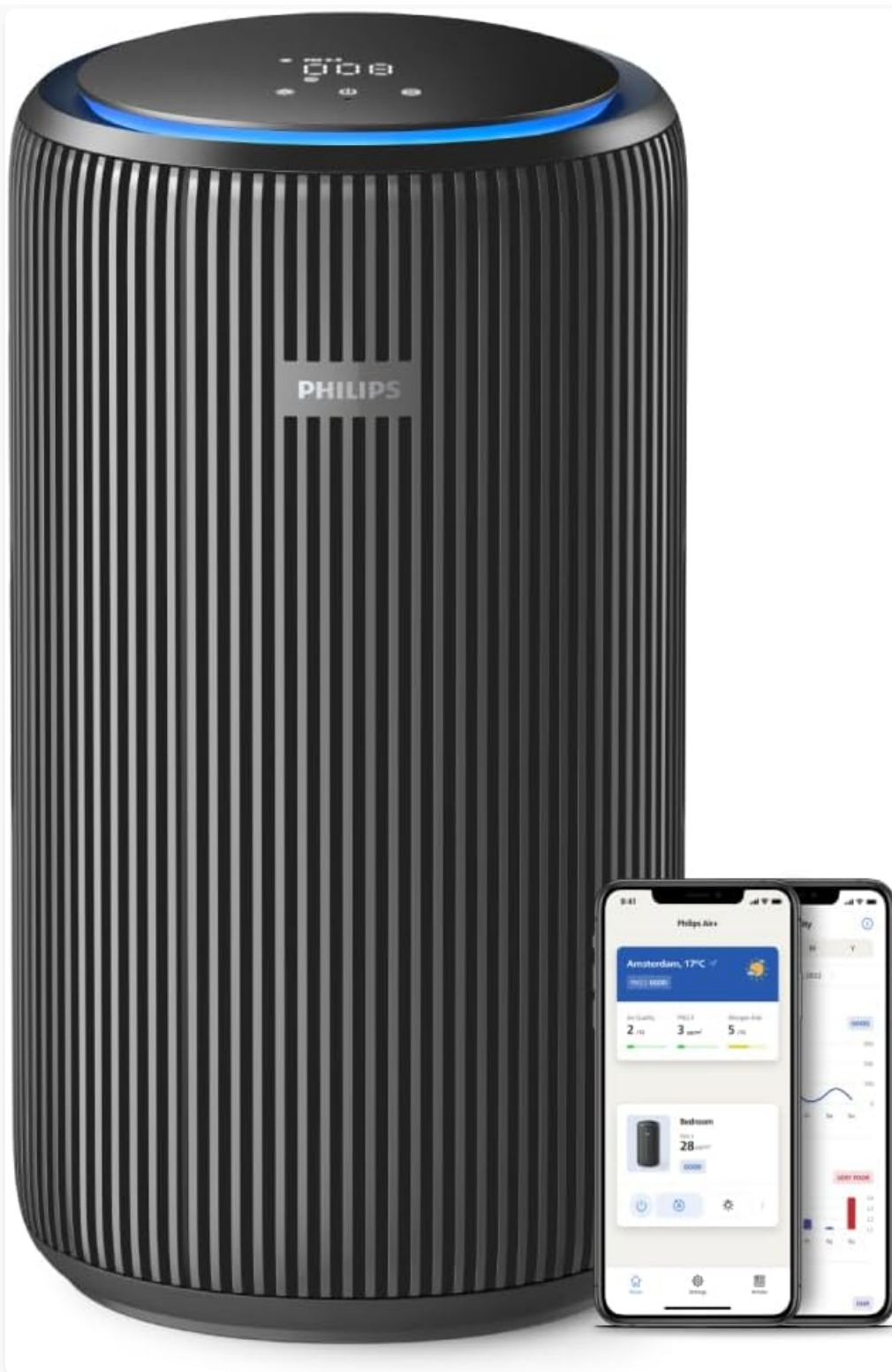


Image: The Philips 4200 Series Air Purifier, a sleek black cylindrical device, is shown alongside a smartphone displaying its companion application. This illustrates the product's modern design and smart connectivity features.

Key Features:

- **Large Coverage:** Purifies areas up to 156 m² with a CADR of 600 m³/h, cleaning 20 m² in under 5 minutes.
- **Advanced 4-Layer Filtration:** Captures 99.97% of particles as small as 0.003 microns, including pollen, dust, mites, pet dander, smog, and gases. Eliminates 99.9% of airborne viruses and bacteria.
- **Allergy Certified:** ECARF certified, effectively removing common allergy triggers.
- **Ultra-Silent Operation:** Operates as quietly as 15 dB(A) in sleep mode, significantly quieter than a normal conversation even at maximum speed.
- **Energy Efficient:** Consumes only 54W at full power, less than a traditional light bulb.

- **Smart Connectivity:** Connects to the Philips Air+ app for remote control, air quality monitoring, and notifications.
- **Long-Lasting Filters:** Original filters provide optimal performance for up to 1 year, with a smart indicator for replacement.

2. Setup and Installation

2.1 Unpacking

Carefully remove the air purifier and all packaging materials from the box. Ensure all components are present: the main unit, filters (pre-installed or separate), and power cord.

2.2 Filter Installation

The Philips 4200 Series Air Purifier uses a multi-layer filtration system. Ensure the HEPA NanoProtect filter and activated carbon filters are correctly installed before first use. Refer to the filter compartment access for proper placement.

Filtration ultime

99.97%

Pré-filtre

HEPA NanoProtect

2x Charbon Actif

The infographic illustrates the multi-layer filtration system of the Philips 4200 Series Air Purifier. It features three main stages of filtration: a pre-filter (Pré-filtre), a HEPA NanoProtect filter, and two layers of activated carbon (2x Charbon Actif). A blue circle highlights the overall efficiency of the system at 99.97%. The background shows a stylized air purifier with blue light effects, and the bottom of the infographic includes icons representing dust, bacteria, and chemical filtration.

Image: An exploded view diagram illustrates the three distinct filtration stages within the air purifier: a pre-filter for larger particles, a HEPA NanoProtect filter for fine particulates, and a dual activated carbon filter for gases and odors. This highlights the comprehensive purification process.

2.3 Placement

Place the air purifier on a stable, flat surface. For optimal performance, ensure there is adequate clearance around the unit (at least 20 cm from walls or furniture) to allow for proper airflow. The unit is designed for rooms up to 156 m².



Image: A technical drawing of the Philips 4200 Series Air Purifier with precise measurements. It shows a width of 28.5 cm, a depth of 28.5 cm, and a height of 52 cm, providing clear dimensional information for placement.

2.4 Power Connection

Connect the power cord to the air purifier and then plug it into a suitable electrical outlet. The unit is ready for operation

once connected.

3. Operating the Air Purifier

3.1 Power On/Off

Press the power button on the top panel to turn the unit on or off. The display will illuminate upon activation.

3.2 Operating Modes

- **Automatic Mode:** The purifier intelligently adjusts its fan speed based on real-time air quality readings from its sensors.
- **Sleep Mode:** Reduces fan speed and noise level to a minimum (as low as 15 dB(A)) for quiet operation during sleep. The display lights may dim or turn off.
- **Manual Speed:** Allows you to manually select a desired fan speed.

Silencieux, même à puissance maximale

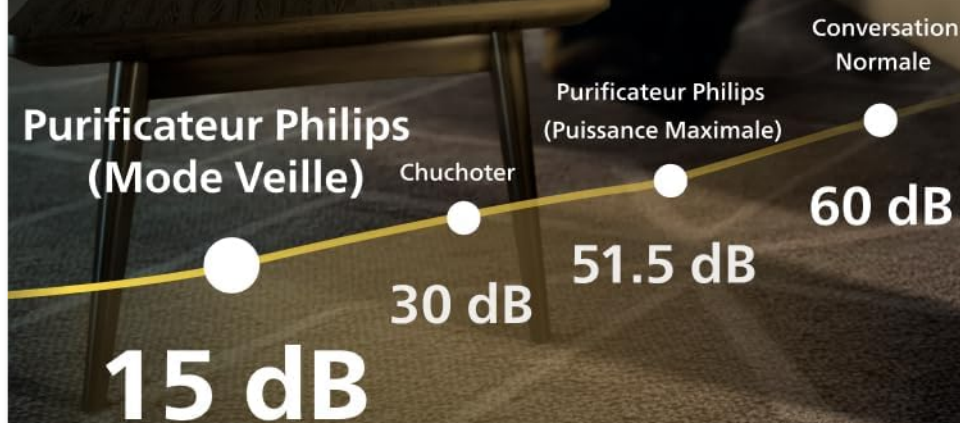


Image: This graphic illustrates the low noise levels of the Philips 4200 Series Air Purifier. It shows a comparison of sound levels: 15 dB in sleep mode, 30 dB for a whisper, 51.5 dB at maximum purification, and 60 dB for normal conversation, emphasizing its quiet operation.

3.3 Air Quality Indicator

The top display panel provides real-time air quality feedback using a digital particle count and a color-coded ring:

- **Blue:** Good air quality
- **Purple:** Fair air quality
- **Red:** Poor air quality

The AeraSense technology scans the air 1000 times per second, detecting PM2.5 particles, gases, humidity, and temperature.



Image: A close-up view of the air purifier's intuitive top display, showing a digital readout for particle count and a color ring indicating air quality as "Good," "Fair," or "Poor." This visual feedback allows users to quickly assess indoor air conditions.

3.4 Philips Air+ App Control

Download the Philips Air+ app from your smartphone's app store to connect and control your air purifier remotely. The app allows you to:

- Monitor indoor and outdoor air quality in real-time.
- Change operating modes and fan speeds.
- Receive notifications for poor air quality or filter replacement.
- Set smart schedules (e.g., Fresh Wake-up, Fresh Bedtime).



Image: A user is shown interacting with the Philips Air+ app on their smartphone, with the air purifier visible in the background. The app interface displays air quality data and control options, highlighting the smart connectivity feature.

3.5 Ambient Night Light

The color ring on top of the purifier can be adjusted to provide a comfortable and warm night light, enhancing the ambiance of your room.



Image: The Philips 4200 Series Air Purifier is depicted in a cozy, dimly lit room, showcasing its ambient night light feature. The top ring of the purifier emits a soft glow, contributing to a comfortable atmosphere.

4. Maintenance and Care

4.1 Filter Replacement

The original Philips filters (FY4200/30) are designed to last up to 1 year, depending on usage and air quality. The air purifier will alert you when filter replacement is necessary via the smart change indicator on the display and through the Philips Air+ app.

- Always use genuine Philips replacement filters to ensure optimal performance and longevity of your device.
- Follow the instructions provided with the replacement filters for proper installation.



Image: A pair of hands is shown in the process of removing a filter from the Philips 4200 Series Air Purifier. An icon indicating "12M" (12 months) highlights the recommended filter replacement interval, emphasizing ease of maintenance.

Jusqu'à 99,9% d'élimination

de bactéries¹⁰ et de virus¹¹ comme le H1N1 (grippe).
Certifié par Airmid Health Group



virus

¹⁰Testé selon la norme GB21551.3-2010 avec S. Albus, chambre 30m³, 1h, mode Turbo, laboratoire tiers
¹¹Test du taux de réduction microbienne réalisé par Airmid Healthgroup Ltd. avec la grippe (H1N1)
dans une chambre de test de 28,5 m³, en utilisant le mode turbo pendant 30 à 40 minutes



Image: This image displays the packaging for Philips original replacement filters, specifically model FY4200/30. It includes a seal of authenticity, reinforcing the importance of using genuine parts for optimal performance and warranty compliance.

4.2 Filter Cleaning

The pre-filter can be cleaned periodically to maintain efficiency. Refer to the user manual for specific instructions on how to access and clean the pre-filter. Other filters are not washable and should be replaced.

4.3 Exterior Cleaning

Wipe the exterior of the air purifier with a soft, damp cloth. Do not use abrasive cleaners or solvents.

4.4 Sensor Cleaning

Periodically clean the air quality sensors to ensure accurate readings. Consult the full user manual for detailed instructions on sensor maintenance.

5. Troubleshooting

If you encounter issues with your Philips 4200 Series Air Purifier, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; power cord not properly connected.	Check if the power cord is securely plugged into the unit and the wall outlet. Ensure the outlet has power.
Air quality does not improve.	Filters are dirty or need replacement; room size exceeds capacity; poor air circulation.	Check filter status and replace if necessary. Ensure the unit is placed in an appropriate room size and has adequate clearance.
Unusual noise from the unit.	Obstruction in fan; unit not on a flat surface; filter not installed correctly.	Turn off and unplug the unit. Check for any foreign objects. Ensure the unit is on a stable surface and filters are properly seated.
App connectivity issues.	Wi-Fi signal weak; incorrect app settings; temporary network issue.	Ensure your Wi-Fi network is stable. Restart the app and the air purifier. Re-pair the device if necessary.

For more complex issues or if the problem persists, please contact Philips customer support.

6. Technical Specifications

Feature	Detail
Brand	Philips
Model Number	AC4221/11
Color	Black Metallic
Dimensions (L x W x H)	28.5 x 28.5 x 52 cm
Weight	6.54 Kilograms
Power Consumption	54 Watts (Max)
Noise Level	15 dB (Min)
Control Method	Application (Philips Air+ App)
Filter Type	HEPA, Activated Carbon
Floor Area Coverage	156 m ²
CADR (Clean Air Delivery Rate)	600 m ³ /h
Country of Origin	China

7. Warranty and Support

7.1 Warranty Information

Philips products are manufactured to the highest quality standards. For detailed warranty information, please refer to the warranty card included with your product or visit the official Philips support website. Keep your proof of purchase for warranty claims.

7.2 Customer Support

For further assistance, technical support, or to purchase genuine replacement parts and filters, please visit the official Philips support website or contact their customer service. Using genuine Philips parts ensures the continued optimal performance and validity of your product's warranty.

[Visit Philips Support](#)

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This manual is for informational purposes only. Specifications are subject to change without notice.