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› [Philips AC4221 Smart Air Purifier for Home|Real Time AQI Display|Covers upto 700 sqft|Removes 99.97% of Virus,Allergen,Dust & PM2.5|50% Quieter|Filter Life Upto 9000 Hrs|Ideal for Living room](#)

### Philips AC4221/61

# Philips AC4221 Smart Air Purifier User Manual

Model: AC4221/61

## 1. INTRODUCTION

The Philips AC4221 Smart Air Purifier is designed to provide clean and healthy air in your home. Equipped with advanced filtration technology, it effectively removes various airborne pollutants, allergens, and odors. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your air purifier.



Image 1: Philips AC4221 Smart Air Purifier and its companion Air+ app.

## 2. IMPORTANT SAFETY INFORMATION

Please read this user manual carefully before using the appliance and save it for future reference. Failure to follow these instructions may result in electric shock, fire, or other injuries.

- Ensure the voltage indicated on the appliance matches the local mains voltage before you connect the appliance.
- Do not block the air inlet or outlet.
- Do not insert fingers or other objects into the air outlet.
- Keep the appliance away from water, moisture, and flammable substances.
- 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.

- Only use original Philips filters specifically designed for this model.

### 3. PRODUCT COMPONENTS

The Philips AC4221 Smart Air Purifier comes with the following components:

- Air Purifier Unit
- 2 x HEPA + Double Carbon Combi Filter

**33x more effective**  
than other Air Purifiers

**Pre-filter**  
HEPA NanoProtect  
2x Active Carbon

**99.97%**  
**3-layer HEPA Filtration**  
Captures 99.97% of particles as small as 0.003 microns

The illustration shows a cross-section of the air purifier's filtration system. Air flows from right to left through three main filter stages. The first stage is a grey pleated pre-filter. The second stage is a blue HEPA NanoProtect filter with glowing blue particles being captured. The third stage is a dark grey 2x Active Carbon filter with glowing blue particles being captured. A circular inset shows a close-up of the pre-filter's mesh. Another circular inset shows a close-up of the HEPA NanoProtect filter's pleated structure. A third circular inset shows a close-up of the active carbon filter's porous surface. Below each filter stage are icons representing its function: a pre-filter icon, a HEPA NanoProtect icon, and an active carbon icon. The background is dark blue with glowing blue particles and light rays.

Image 2: Illustration of the 4-layer filtration system including Pre-filter, HEPA NanoProtect, and Active Carbon filters.

### 4. SETUP GUIDE

## 4.1 Unpacking

Carefully remove the air purifier and all packaging materials from the box. Retain the packaging for future transport or storage.

## 4.2 Filter Installation

1. Open the filter compartment cover.
2. Remove all filters from their protective packaging.
3. Insert the filters into the air purifier in the correct order: first the HEPA filter, then the Active Carbon filter. The pre-filter clips into place. Ensure the Philips branding on the filters is oriented correctly.
4. Close the filter compartment cover securely.

## 4.3 Placement

Place the air purifier on a stable, flat surface. Ensure there is sufficient space (at least 20 cm) around the appliance for optimal airflow. Avoid placing it directly next to walls or furniture that might obstruct air circulation.



**Fast purification**

215 sqft	1671 sqft
5 min	38 min

**05 min**

**Purifies a bedroom in <5 minutes\***

\*T&C Apply. From the air that passed through the filter. It is a theoretical time for one-time cleaning calculated by dividing the room size of 48m<sup>3</sup> by CADR 600 m<sup>3</sup>/h (assuming the room is 20m<sup>2</sup> in floor area and 2.4 m in height).

Image 3: Proper placement of the air purifier in a room for effective air circulation and fast purification.

## 5. OPERATING INSTRUCTIONS

### 5.1 Power On/Off

Plug the appliance into a power outlet. Press the power button on the top panel to turn the air purifier on or off.

### 5.2 Control Panel Overview

The top panel features touch-sensitive buttons and a circular LED screen. The buttons include Power, Night Mode, Fan Speed, and Child Lock. The LED screen displays real-time air quality and operational status.

### 5.3 Modes of Operation

- **Automatic Mode:** The purifier automatically adjusts fan speed based on detected air quality. Indicated by 'A' on the screen.
- **Fan Speed:** Manually select fan speeds (1, 2, 3) for desired purification intensity.
- **Allergen Mode:** Enhances purification for sensitive individuals by slightly increasing fan speed in automatic mode.
- **Turbo Mode:** Activates maximum fan speed for rapid air purification. Indicated by 'T' on the screen.
- **Night Mode:** Reduces fan speed and dims lights for quiet operation during sleep. Can be activated manually or automatically based on ambient light.

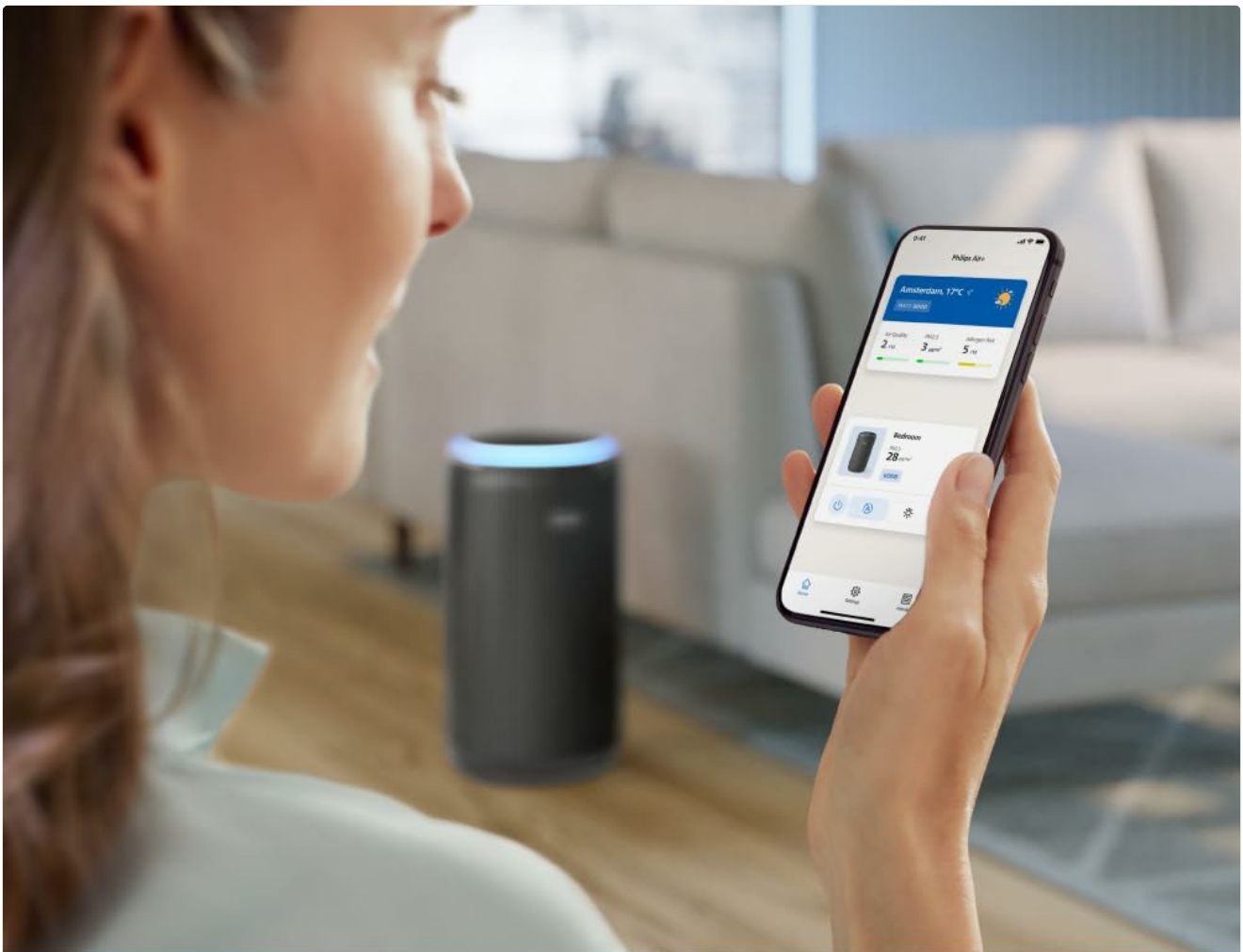


**35% less noise<sup>[1]</sup>**  
with SilentWings technology.

Image 4: Noise level comparison, highlighting the quiet operation of the Philips AC4221, as low as 15dB in sleep mode.

#### 5.4 Smart App Control (Air+ App)

Download the Air+ App on your smartphone to control the device remotely. The app allows you to view real-time Air Quality Index (AQI), adjust settings, and monitor filter life.



## Connect to the Air+ app

Image 5: Controlling the Philips AC4221 Smart Air Purifier via the Air+ mobile application.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air purifier.

### 6.1 Filter Cleaning (Pre-filter)

The pre-filter should be cleaned regularly to remove larger dust particles. Refer to the filter replacement indicator on the device or app. The pre-filter can be cleaned by vacuuming or washing with water.

### 6.2 Filter Replacement (HEPA and Active Carbon)

The HEPA and Active Carbon filters have a limited lifespan and need to be replaced when indicated by the appliance. The filter life can be up to 9000 hours. Follow the filter installation steps in Section 4.2 for replacement.

### 6.3 Exterior Cleaning

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

## 7. TROUBLESHOOTING

If you encounter issues with your air purifier, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Appliance does not turn on	Power cord not plugged in; Power outage	Check power connection; Restore power
Airflow is significantly reduced	Filters are dirty or clogged	Clean the pre-filter; Replace HEPA and Active Carbon filters
Unusual noise	Object stuck in fan; Appliance not on a flat surface	Check for obstructions; Place on a stable surface
Air quality reading seems inaccurate	Sensor is dirty	Clean the air quality sensor opening with a dry cotton swab

## 8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	AC4221/61
Brand	Philips
Color	Metallic
Product Dimensions	28.5D x 28.5W x 52H Centimeters
Floor Area Coverage	Up to 700 Square Feet (72 m <sup>2</sup> )
CADR (Clean Air Delivery Rate)	600 m <sup>3</sup> /h
Noise Level	51.5 dB (as low as 15dB in sleep mode)
Filtration Type	4-layer (Pre-filter, HEPA NanoProtect, Double Active Carbon)
Particle Removal	99.97% of particles as small as 0.003 microns
Controller Type	Google Assistant, Amazon Alexa, Air+ App
Item Weight	6 kg 300 g
Country of Origin	China



*Image 6: Physical dimensions of the Philips AC4221 Air Purifier.*

## 9. WARRANTY INFORMATION

The Philips AC4221 Smart Air Purifier comes with a **2-year brand warranty** from the date of purchase. Please retain your purchase receipt as proof of warranty. The warranty covers manufacturing defects and malfunctions under normal use conditions. It does not cover damage caused by misuse, accidents, unauthorized repairs, or normal wear and tear of consumable parts like filters.

## 10. CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts and filters, please contact Philips customer service. Refer to the contact information provided in your product packaging or visit the official Philips

website for your region.

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