

**CUCKOO CAC-K1910FW****CUCKOO True HEPA Air Purifier (Model: CAC-K1910FW)****USER MANUAL****1. Product Overview**

The CUCKOO True HEPA Air Purifier, model CAC-K1910FW, is designed to provide clean air for mid to large-sized spaces, covering up to 2,256 sq. ft. It features an advanced 5-stage filtration system, including a True HEPA H13 filter, activated carbon, and UV-C light, to effectively remove airborne particles, odors, and allergens.

Key features include a smart dust sensor that adjusts fan speed in real-time based on air quality, and a quiet sleep mode for undisturbed rest.





Figure 1.1: CUCKOO True HEPA Air Purifier (Model CAC-K1910FW)

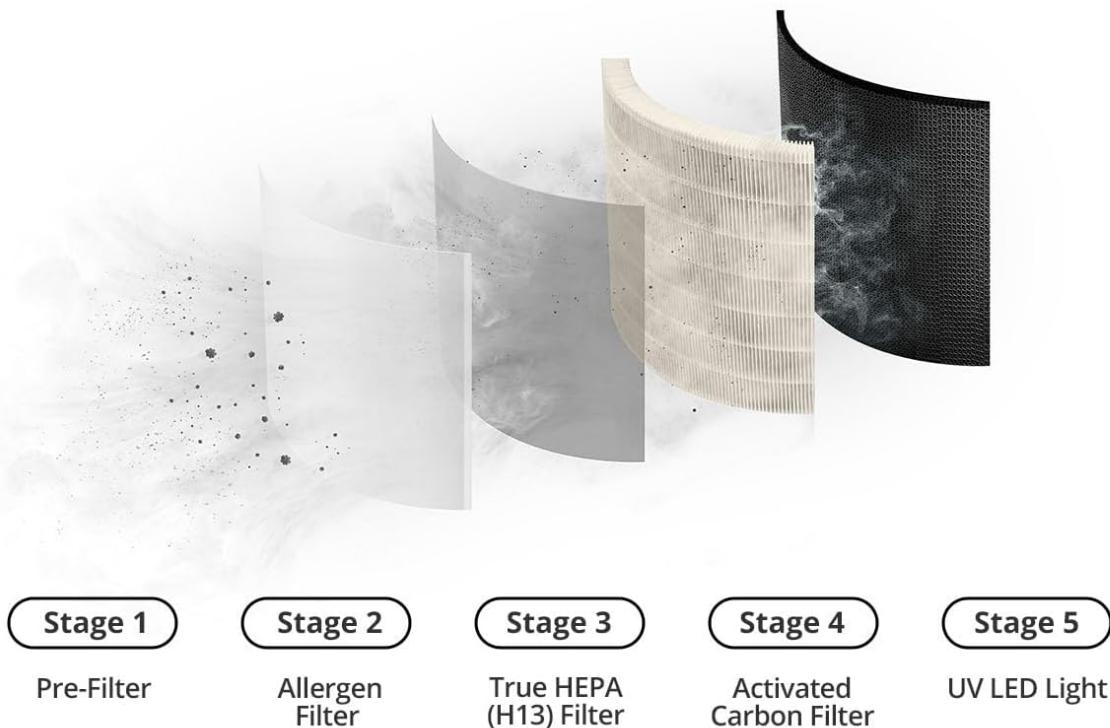
## 5-Stage Filtration System

This air purifier utilizes a comprehensive 5-stage filtration process to ensure optimal air quality:

1. **Pre-Filter:** Captures larger particles like dust, pet dander, and lint.
2. **Allergen Filter:** Specifically designed to trap common allergens.
3. **True HEPA (H13) Filter:** Captures 99.97% of airborne particles as small as 0.3 microns, including pollen, dust mites, and mold spores.
4. **Activated Carbon Filter:** Absorbs odors from cooking, pets, smoke, and harmful gases.
5. **UV LED Light:** Helps to neutralize airborne germs, bacteria, and viruses.

# Advanced 5-Stage Purification with HEPA & UVC Light

Multi-Stage Defense Against Dust, Allergens, Odors, and Germs



## UV Filtration: The Next Level of Clean Air

Combining HEPA Efficiency with UVC Sterilization



Figure 1.2: Advanced 5-Stage Purification with HEPA & UV-C Light

## 2. Setup and Installation

### Unboxing and Initial Placement

Carefully remove the air purifier from its packaging. Ensure all packing materials are removed before operation. Place the unit on a flat, stable surface in the desired room. For optimal performance, position the air purifier in an area with good air circulation, away from walls or furniture that might obstruct airflow.

The unit is suitable for rooms up to 2,256 sq. ft., making it ideal for living rooms, bedrooms, or garages.

### Filter Installation

The air purifier comes with one True HEPA H13 filter pre-installed or ready for installation. Follow these steps to ensure proper filter setup:

1. Locate the filter compartment, typically at the base or rear of the unit.
2. Open the compartment cover.
3. Remove any protective plastic packaging from the filter.

4. Insert the filter into the compartment, ensuring it is seated correctly.

5. Close the compartment cover securely.

# Smart Air Quality Sensor

## Auto-adjusts to Maintain Optimal Air Quality

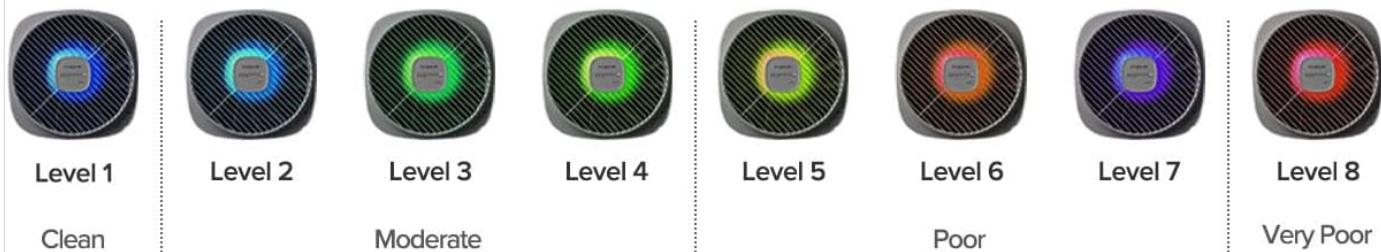


Figure 2.1: Filter Assembly within the Air Purifier



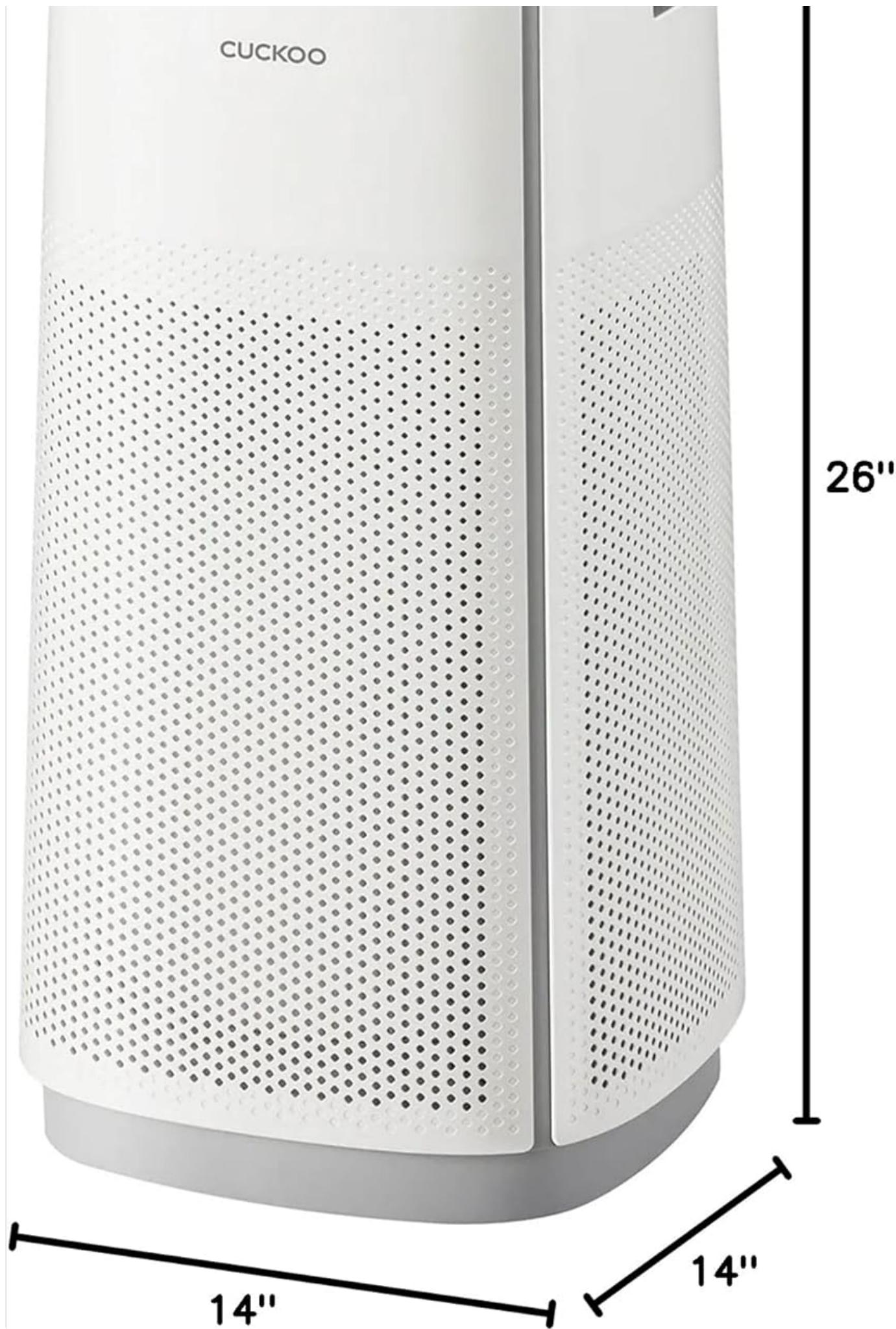


Figure 2.2: Product Dimensions for Placement Planning

### 3. Operating Instructions

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The CUCKOO Air Purifier features a user-friendly touch control panel for easy operation.

#### Power On/Off

Press the power button on the control panel to turn the unit on or off. The unit will typically start in Auto mode or the last used setting.

#### Operating Modes

- **Auto Mode (Smart Dust Sensor):** The air purifier automatically detects the indoor air pollution status in real-time and adjusts the fan speed accordingly to maintain optimal air quality. The air quality level is indicated by a color-coded light on the control panel.
- **Sleep Mode:** Designed for quiet operation during rest periods. In this mode, the fan speed is reduced to its lowest setting, and the display lights are dimmed to create a calm and quiet ambiance. The unit can automatically switch to sleep mode when the daylight sensor detects it's getting darker.
- **Manual Fan Speed:** You can manually select desired fan speeds (e.g., Low, Medium, High, Turbo) to suit your preference or specific air purification needs.



## Sleep Soundly with Ultra-Low Noise Levels

Experience Quiet Comfort at 21 dB



Figure 3.1: Smart Air Quality Sensor Indicator



## Never Miss a Filter Change Again

Filter Indicator Alerts You When Replacements Are Needed

Figure 3.2: Quiet Operation in Sleep Mode

### Auto Dimming Feature

The air purifier is equipped with an auto-dimming feature that adjusts the brightness of the control panel lights based on ambient light conditions, ensuring minimal disturbance, especially in dark rooms.



## Specifications

Model name	CAC-K1910FW
Rated Voltage and Current	120V~, 60Hz
Rated Power Consumption	60W (1A)
Place for Use	For indoors
Product Size	13.2(W) x 13.2(D) x 25.6(H) Inch
Product Weight	15.4 lbs (7kg)

Figure 3.3: Auto Dimming and Filter Indicator

## 4. Maintenance

Regular maintenance ensures the longevity and optimal performance of your CUCKOO Air Purifier.

### Filter Replacement

The air purifier features a filter indicator that alerts you when filter replacements are needed. It is crucial to replace filters as recommended to maintain purification efficiency. Refer to the filter replacement guide provided with your unit for specific instructions.

- When the filter indicator light illuminates, it's time to check or replace the filter.
- Turn off and unplug the unit before accessing the filter compartment.
- Remove the old filter and dispose of it properly.
- Install a new genuine CUCKOO replacement filter, ensuring it is correctly seated.
- Reset the filter indicator according to the instructions in your detailed product manual.

### Cleaning the Unit

Periodically clean the exterior of the air purifier with a soft, dry cloth. For the pre-filter, which may be washable, follow the

"Hand Wash" care instructions if applicable, ensuring it is completely dry before reinstallation. Do not use abrasive cleaners or solvents on any part of the unit.

## 5. Troubleshooting

If you encounter any issues with your air purifier, please refer to the following common troubleshooting steps before contacting customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	Not plugged in; power outlet issue; power button not pressed.	Ensure the power cord is securely plugged into a working outlet. Press the power button firmly.
Airflow is weak or air quality not improving.	Clogged filters; unit placed too close to obstructions; room size exceeds capacity.	Check and replace filters if the filter indicator is on. Ensure unit is placed in an open area. Verify room size is within specified coverage.
Unusual noise during operation.	Filter not installed correctly; foreign object inside; unit on uneven surface.	Check filter installation. Turn off and unplug the unit, then inspect for any obstructions. Place the unit on a flat, stable surface.
Air quality indicator light is always red/poor.	High pollution level; sensor blocked or dirty.	Allow time for purification. Clean the dust sensor opening with a soft, dry cloth.

If the problem persists after attempting these solutions, please contact CUCKOO customer support.

## 6. Specifications

Detailed technical specifications for the CUCKOO True HEPA Air Purifier (Model CAC-K1910FW).

Specification	Detail
Model Name	CAC-K1910FW
Brand	CUCKOO
Color	White
Product Dimensions (D x W x H)	14"D x 14"W x 26"H
Item Weight	20.1 pounds
Floor Area Coverage	Up to 2,256 sq. ft. (AHAM Verified: 470 sq. ft.)
Filtration Stages	5-Stage (Pre-Filter, Allergen Filter, True HEPA H13, Activated Carbon, UV LED Light)
Particle Retention Size	0.3 microns
Controller Type	Touch
Wattage	60 watts

Specification	Detail
Power Source	120V~, 60Hz
Included Components	1 True HEPA H13 filter, Product Manual

## 7. Warranty and Support

### Manufacturer's Warranty

The CUCKOO True HEPA Air Purifier (Model CAC-K1910FW) is covered by a **1-year manufacturer warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official CUCKOO website.

### Customer Support

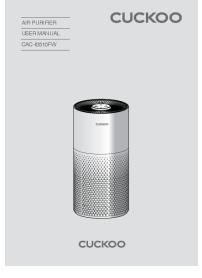
If you require assistance with setup, operation, maintenance, or troubleshooting that is not covered in this manual, please contact CUCKOO customer support. Have your product model number (CAC-K1910FW) and purchase information ready when contacting support.

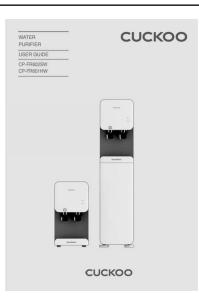
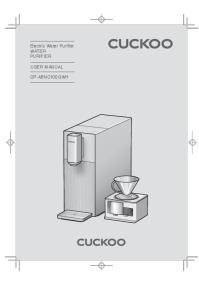
For the most up-to-date contact information and support resources, please visit the official CUCKOO website: [CUCKOO Official Store](#)

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

### Related Documents - CAC-K1910FW

	<p><a href="#">CUCKOO CAC-K1910FW Air Purifier Quick Start Guide</a></p> <p>A quick start guide for the CUCKOO CAC-K1910FW 5-Stage Filtration Air Purifier, covering unboxing, setup, best practices, and filter replacement.</p>
	<p><a href="#">CUCKOO CAC-R1510FW 3-Stage Filtration Air Purifier Quick Start Guide</a></p> <p>Get started quickly with your CUCKOO CAC-R1510FW 3-Stage Filtration Air Purifier. This guide covers setup, best practices, and filter replacement information.</p>
	<p><a href="#">CUCKOO Air Purifier CAC-I0510FW User Manual</a></p> <p>User manual for the CUCKOO Air Purifier, model CAC-I0510FW. This guide provides information on features, operation, maintenance, troubleshooting, and product specifications.</p>

 <p>AIR PURIFIER USER MANUAL CAC-I0510FW</p> <p>CKOO</p>	<p><b><a href="#">CUCKOO Air Purifier CAC-I0510FW User Manual</a></b></p> <p>User manual for the CUCKOO Air Purifier, model CAC-I0510FW. Learn about its features, parts, filter replacement, operation, and safety instructions for effective air purification.</p>
 <p>WATER PURIFIER USER GUIDE CP-FR602SW CP-FR601HW</p> <p>CKOO</p>	<p><b><a href="#">CUCKOO Water Purifier User Guide: CP-FR602SW &amp; CP-FR601HW</a></b></p> <p>Comprehensive user guide for CUCKOO water purifiers, models CP-FR602SW and CP-FR601HW. Includes safety instructions, parts identification, operation, cleaning, and filter replacement details.</p>
 <p>Electric Water Purifier USER MANUAL CP-ABNC100GWH</p> <p>CKOO</p>	<p><b><a href="#">CUCKOO CP-ABNC100GWH Electric Water Purifier User Manual</a></b></p> <p>User manual for the CUCKOO CP-ABNC100GWH Electric Water Purifier, detailing features, benefits, installation, usage, cleaning, and safety instructions.</p>

## Documents - CUCKOO – CAC-K1910FW



### [\[pdf\] User Manual Instructions](#)

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Important Safeguards 1. ... service. 20 <https://manual-hub.com/> Product

Specifications Category Air purifier Model name **CAC-K1910FW** Rated Voltage and Current 120V-, 60Hz Rated Power Consumption 60W 1A Dust Collect...

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 ENERGY STAR CERTIFIED  
Room Air Cleaners

CUCKOO - CAC-K1910FW : CAC-K1910FW

**Specifications**

ENERGY STAR Unique ID:	2390149
Brand Name:	CUCKOO
Model Number:	CAC-K1910FW
Model Name:	CAC-K1910FW
Annual Energy Use (kWh/year):	323.5121091
Partial On Mode Power (Watts):	0.61
Room Size (sq.ft.):	470
Stroke-Free Clean Air Delivery Rate per Watt:	5.5
Dust-Free Clean Air Delivery Rate per Watt:	5.6
Pulse-Free Clean Air Delivery Rate per Watt:	5.734767025
Stroke-Free Clean Air Delivery Rate (cfm):	303.0
Dust-Free Clean Air Delivery Rate (cfm):	310.0
Pulse-Free Clean Air Delivery Rate (cfm):	320.0
Technology Types:	OtherFan and Filter
Ozone Emissions (ppb):	0.0
Network Capability:	No
Connected Functions:	No
Filter Fit Type:	HEPA-Type
Date Certified:	2022-01-05
Markets:	United States, Canada
ENERGY STAR Certified:	Yes
ENERGY STAR Most Efficient:	No

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## [pdf] Specifications

CUCKOO CAC K1910FW ENERGY STAR Certified Room Air Cleaners v2.0 certification information for Product ID 2390149 Specification Version 2 CUCKOO CAC K1910FW 2024 11 21 energystar.gov productfinder product certified room air cleaners details export |||

**ENERGY STAR CERTIFIED Room Air Cleaners CUCKOO - CAC-K1910FW : CAC-K1910FW** Specifications ENERGY STAR Unique ID: 2390149 Brand Name:

CKOO Model Number: **CAC-K1910FW** Model Name: **CAC-K1910FW** Annual Energy Use kWh/year : 323.5121091 Partial On Mode Power Watts : 0.61 Room Size sq.ft....

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Room Air Cleaners

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Stroke-Free Clean Air Delivery Rate (cfm):	303.0
Dust-Free Clean Air Delivery Rate (cfm):	310.0
Pulse-Free Clean Air Delivery Rate (cfm):	320.0
Technology Types:	OtherFan and Filter
Ozone Emissions (ppb):	0.0
Network Capability:	No
Connected Functions:	No
Filter Fit Type:	HEPA-Type
Date Certified:	2022-01-05
Markets:	United States, Canada
ENERGY STAR Certified:	Yes
ENERGY STAR Most Efficient:	No

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## [pdf] Specifications

CUCKOO CAC K1910FW ENERGY STAR Certified Room Air Cleaners v2.0 certification information for Product ID 2390149 Specification Version 2 CUCKOO CAC K1910FW 2024 10 17 energystar.gov productfinder product certified room air cleaners details export |||

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ENERGY STAR Certified:	Yes
ENERGY STAR Most Efficient:	No

Captured On: 10/17/2024

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#### ENERGY STAR Certified Residential Air Purifiers List

A comprehensive list of ENERGY STAR certified residential air purifiers, including brand, model, room size, and air delivery rate, as published by ENERGY STAR.

lang:en score:20 filesize: 518.14 K page count: 16 document date: 2024-05-24