

Coway Airmega 150

COWAY Airmega 150 Air Purifier User Manual

Model: Airmega 150

Brand: Coway

1. INTRODUCTION

The COWAY Airmega 150 is a compact air purifier designed to enhance indoor air quality. It features a multi-stage filtration system to capture airborne particles and odors, providing cleaner air for your home environment. This manual provides essential information for the proper setup, operation, and maintenance of your Airmega 150.

2. PRODUCT OVERVIEW

The Airmega 150 is engineered for effective air purification in spaces up to 214 sq. ft. in 12.5 minutes or up to 518 sq. ft. in 30 minutes. Key features include:

- **HyperCaptive Filtration System:** Combines a Washable Pre-filter, a Deodorization filter, and a Green True HEPA filter to reduce 99.999% of 0.01-micron airborne particles, including pollen, allergens, smoke, dander, and odors.
- **Real-Time Air Quality Indicator:** A pollution sensor communicates indoor air quality in real-time via a brightly colored LED.
- **Auto Mode:** Automatically adjusts fan speed based on detected air quality.
- **3-Stage Manual Fan Speed:** Allows manual control of fan speed (low, medium, high).
- **Easy-to-Remove Pre-filter:** Designed for convenient cleaning.
- **Cartridge Design for Filters:** Simplifies filter replacement.
- **Filter Alerts:** Indicators notify when filters need cleaning or replacement.
- **Ultra Quiet Operation:** Noise levels range from 19 dB to 48 dB.

Airmega 150

Minimal Design, Powerful Purification



214 ft² in 12.5min
1,035 ft² in 60min



HyperCaptive™
Filtration



AQI+
Auto Mode



Filter Replacement
Notification



EZ Release
Pre-Filter



20dB
Quiet
Operation



DESIGN
AWARD
2020



GOOD DESIGN
AWARD 2020



Figure 1: Key features of the COWAY Airmega 150.

HyperCaptive™ Filtration System

Step 3 Green True HEPA™ Filter



Fine
Dust



Bacteria



Mold



Virus



Pollen



Allergen

Step 2 Deodorization Filter



Food
Smells



Smoke
Particle



Pet
Odor



VOCs

Step 1 Pre-Filter



Hair



Pet
Hair



Dander



Dust
Mite

※ Coway air purifiers has been proven to trap dust, pollen, dander, viruses and bacteria in the air based on KCL (Korea Conformity Laboratories) testing. They have been tested in a 30m³ size chamber according to the Korea Air Cleaning Association standard (SPS-KACA 002-132:2022 Modified) to measure the 0.01µm size of particle removal rate. It was tested on maximum airflow speed in normal room temperature and humidity conditions. The performance may vary in the actual living environment of customers.



Figure 2: HyperCaptive Filtration System components.

3. SETUP

3.1 Unboxing and Placement

Carefully remove the air purifier from its packaging. Place the unit on a flat, stable surface. Ensure there is adequate space around the air intake and outlet for optimal airflow. Avoid placing it directly against a wall or in a confined corner.

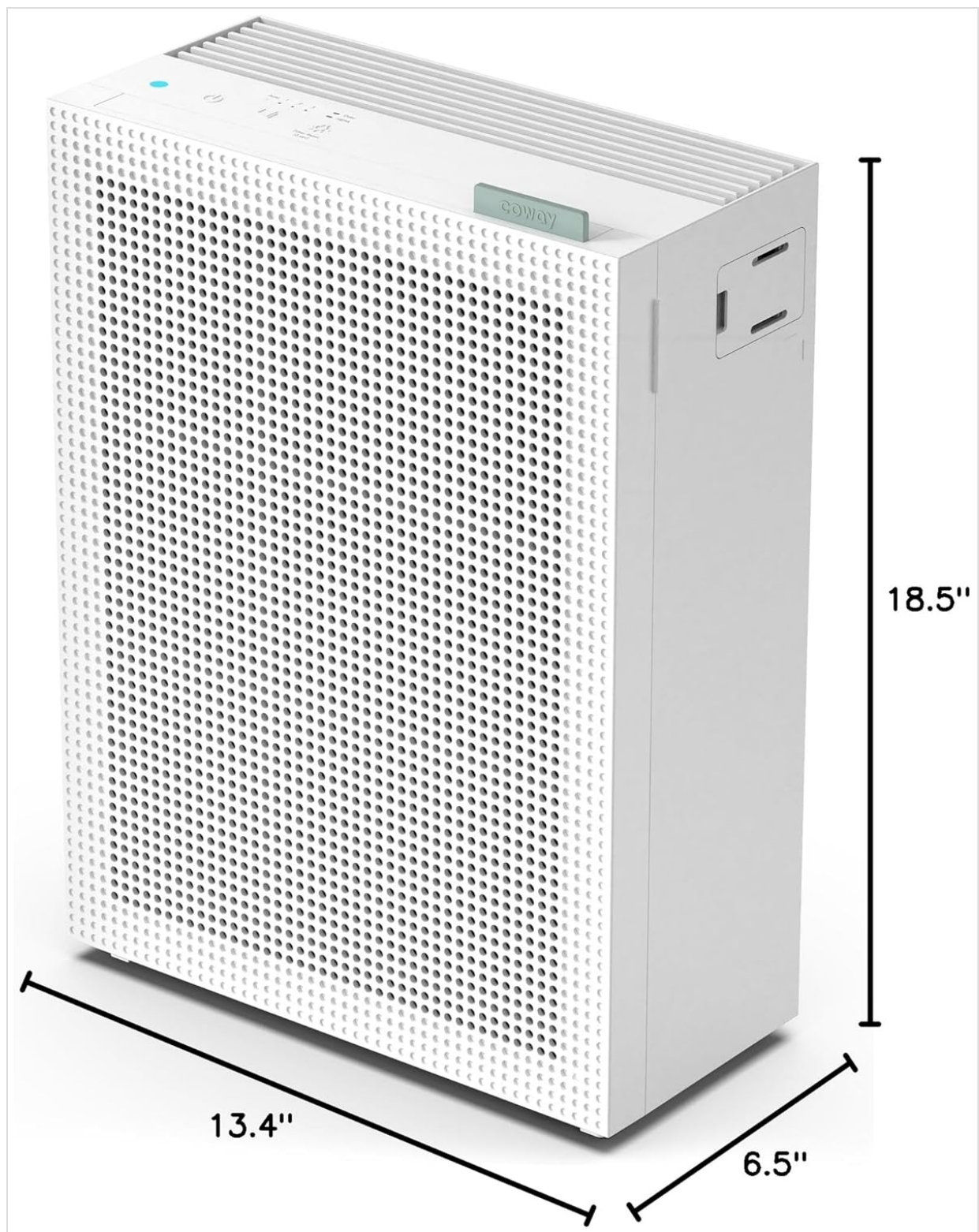


Figure 3: Airmega 150 dimensions for placement consideration.

3.2 Filter Installation

The Airmega 150 uses a convenient cartridge design for filter installation. The filters are typically pre-installed but may require removal of protective packaging before first use.

1. Gently pull the front cover of the air purifier to detach it.
2. Remove the pre-filter by pulling it upwards.
3. The deodorization filter and True HEPA filter are combined in a single cartridge. Remove this cartridge.
4. Remove any plastic packaging from the new filter cartridge.
5. Insert the new filter cartridge into the unit, ensuring it is seated correctly.
6. Re-insert the pre-filter.

7. Align and reattach the front cover until it clicks securely into place.

Video 1: Demonstrates the process of changing filters in the Coway Airmega 150. This includes removing the front panel, detaching the pre-filter, and replacing the combined deodorization and HEPA filter cartridge.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the power button () on the control panel to turn the unit on or off.

4.2 Air Quality Indicator (AQI)

The Airmega 150 features an LED light bar that indicates the current indoor air quality:

- **Blue:** Good air quality
- **Green:** Moderate air quality
- **Yellow:** Unhealthy air quality
- **Red:** Very unhealthy air quality

The AQI light can be turned on or off by pressing the light bulb icon () on the control panel.

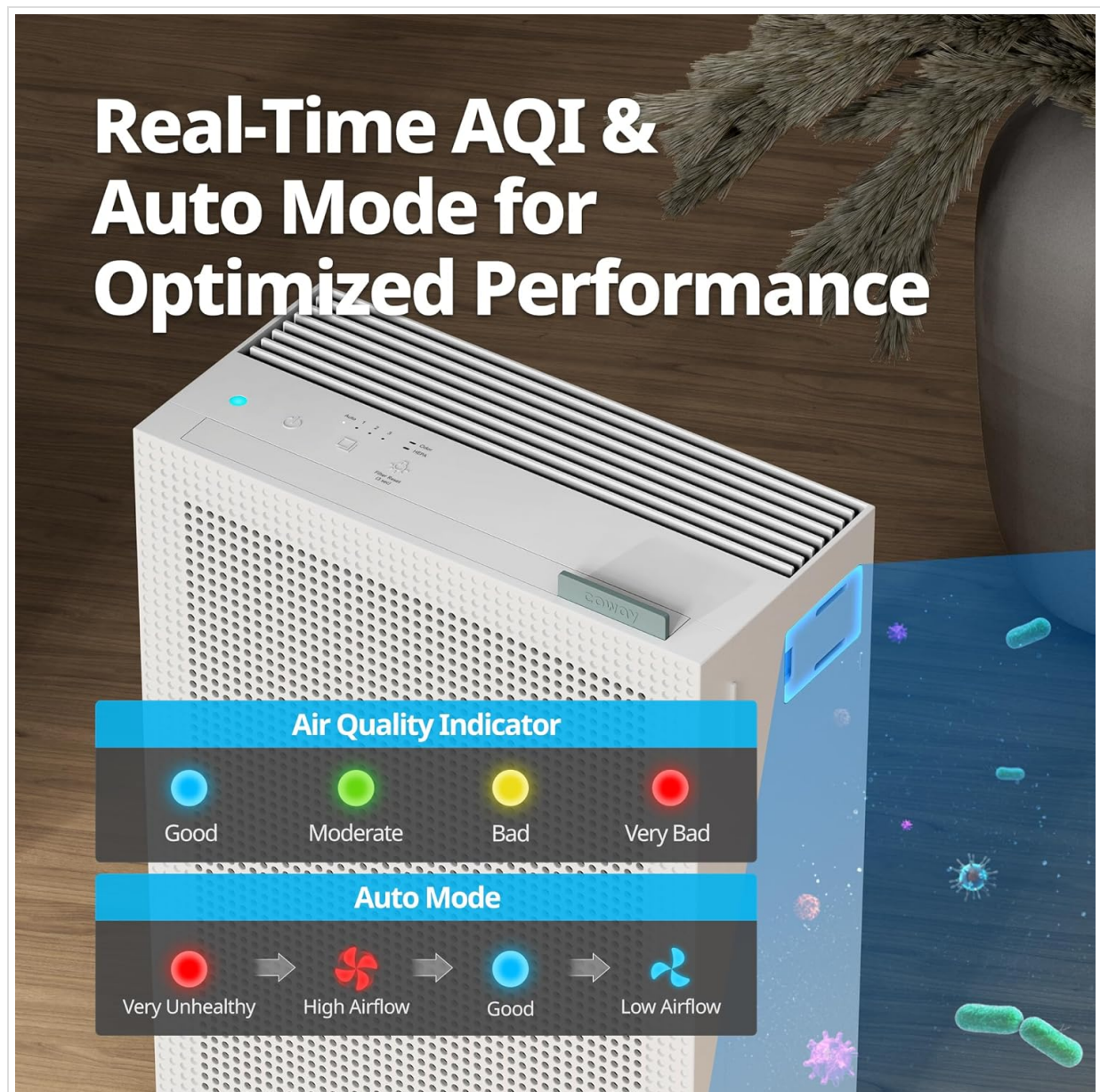


Figure 4: Real-Time Air Quality Indicator and Auto Mode.

Video 2: Illustrates the Airmega 150's real-time air quality indicator lights and how they change based on detected air quality.

4.3 Operating Modes

Press the fan speed button (↻) to cycle through the following modes:

- **Auto Mode:** The fan speed automatically adjusts based on the air quality detected by the pollution sensor.
- **Manual Fan Speed (1, 2, 3):** Select from three fan speeds (low, medium, high) for continuous operation.
- **Eco Mode:** (Not explicitly detailed in provided data, but implied by control panel. Assumed to be an energy-saving mode.)
- **Sleep Mode:** (Not explicitly detailed in provided data, but implied by control panel. Assumed to be a quiet, low-power mode for nighttime.)

4.4 Timer Function

Press the timer button (⏸) to set the unit to operate for a specific duration (e.g., 1 hour, 4 hours, 8 hours) before automatically turning off.

4.5 Child Lock

To activate or deactivate the Child Lock function, press and hold the light bulb icon (💡) for 3 seconds. This prevents accidental changes to settings.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Airmega 150.

5.1 Filter Alerts

The control panel features indicators that will light up when it's time to clean or replace filters:

- **Pre-filter:** Clean every 2-4 weeks (depending on usage and environment).
- **Deodorization Filter:** Replace approximately every 6 months.
- **True HEPA Filter:** Replace approximately every 12 months.

After cleaning or replacing a filter, press and hold the Filter Reset button (⏮) for 3 seconds to reset the indicator.



Figure 5: Filter replacement process.

5.2 Cleaning the Washable Pre-Filter

The pre-filter captures larger particles like pet hair and dust. It should be cleaned regularly.

1. Turn off and unplug the air purifier.

2. Remove the front cover and then the pre-filter.
3. Gently vacuum the pre-filter to remove loose dust and debris. For a deeper clean, wash it with water and mild soap.
4. Ensure the pre-filter is completely dry before re-installing it.
5. Re-install the pre-filter, then the front cover.
6. Plug in and turn on the air purifier. Reset the filter alert if necessary.

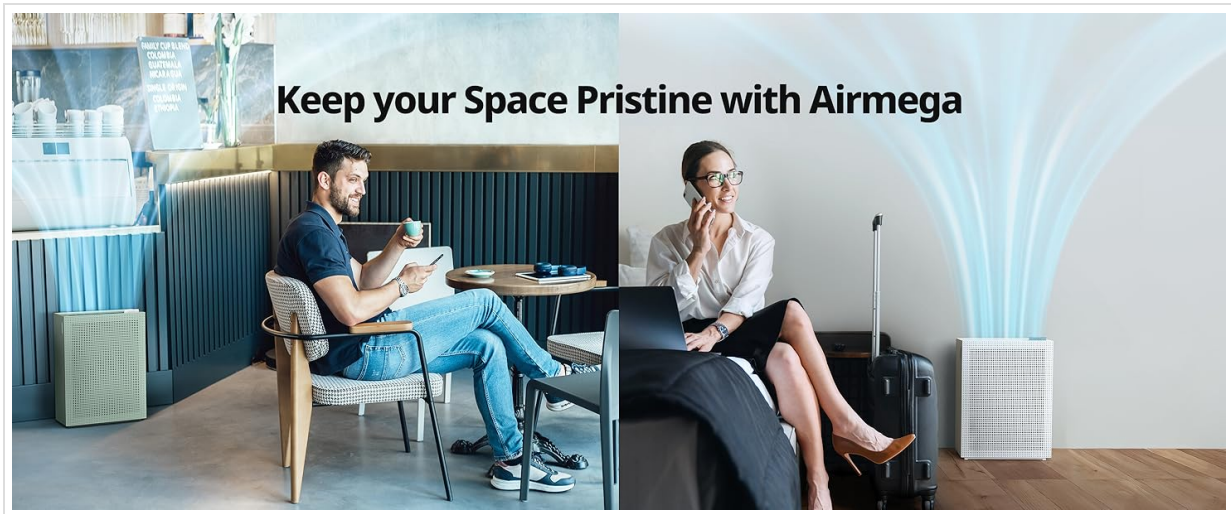


Figure 6: Cleaning the washable pre-filter.

Video 3: Shows the process of removing and cleaning the pre-filter, highlighting the amount of dust collected.

5.3 Cleaning the Particle Sensor

The particle sensor, located on the side of the unit, should be cleaned every two months to ensure accurate air quality readings.

1. Turn off and unplug the air purifier.
2. Open the sensor cover on the side of the unit.
3. Use a dry cotton swab to gently clean the lens and the air intake/outlet of the sensor.
4. Close the sensor cover.
5. Plug in and turn on the air purifier.

6. SPECIFICATIONS

Feature	Detail
Brand	Coway
Model Number	Airmega 150
Product Dimensions	6.5"D x 13.4"W x 18.5"H
Item Weight	12.1 pounds
Floor Area Coverage	214 Square Feet (12.5 min) / 518 Square Feet (30 min) / 1,035 Square Feet (60 min)
Noise Level	19.98 - 48 Decibels
Particle Retention Size	0.01 Micron (99.999% efficiency)
Controller Type	Touch

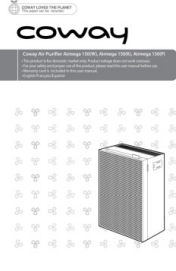

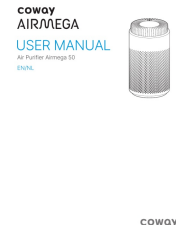
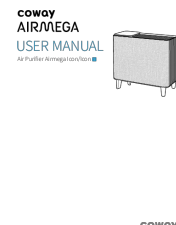
Wattage	35 watts
Filter Class	HyperCaptive Filtration System (Pre-filter, Deodorization filter, Green True HEPA filter)
Special Features	Air Quality Monitor, Filter Life Indicator, Smart Mode



7. WARRANTY AND SUPPORT

The COWAY Airmega 150 comes with a 3-year Limited Manufacturer's Warranty. For warranty claims, technical support, or any operational issues not covered in this manual, please contact Coway customer service.

Please refer to the official Coway website or your product registration for detailed warranty terms and contact information.

Related Documents - Airmega 150

	<p>Coway Airmega 150 Series Air Purifier User Manual</p> <p>Comprehensive user manual for the Coway Airmega 150(W), 150(K), and 150(P) air purifiers, covering features, safety information, installation, operation, maintenance, and troubleshooting.</p>
	<p>Coway Airmega 100 User Manual</p> <p>User manual for the Coway Airmega 100 air purifier, detailing key features, preparation, maintenance, and safety information.</p>
	<p>Coway Airmega 50 User Manual: Features, Operation, and Maintenance</p> <p>Official user manual for the Coway Airmega 50 air purifier. Find detailed information on setup, key features, safety instructions, maintenance, filter replacement, and specifications.</p>
	<p>Coway Airmega Icon/Icon S User Manual - Features, Setup, and Operation Guide</p> <p>Comprehensive user manual for the Coway Airmega Icon/Icon S air purifier, detailing features, installation, operation, maintenance, troubleshooting, and warranty information. Learn how to optimize your indoor air quality with advanced filtration and smart technology.</p>

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<div><div><div>coway</div><div>AIR/MEGA</div><div>USER MANUAL</div><div><small>Air Purifier Airmega 100</small></div><div><small>EUDEPRTESNAJZUDANBPI</small></div></div><div></div><div>coway</div></div>	<p>Coway Airmega 100 User Manual: Features, Setup, Maintenance, and Warranty</p> <p>Comprehensive user manual for the Coway Airmega 100 air purifier. Learn about key features, quick start guide, safety instructions, maintenance, specifications, and warranty information.</p>