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› Coway AP-1512HH Mighty Air Purifier User Manual

## Coway AP-1512HH

# Coway AP-1512HH Mighty Air Purifier User Manual

Model: AP-1512HH | Brand: Coway

## INTRODUCTION

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The Coway AP-1512HH Mighty Air Purifier is designed to provide clean and healthy indoor air. This manual provides essential information for the proper setup, operation, and maintenance of your air purifier to ensure optimal performance and longevity.



Image: The Coway AP-1512HH Mighty Air Purifier in black/silver, showcasing its compact design.

## SETUP GUIDE

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### 1. Unpacking and Placement

Carefully remove the air purifier from its packaging. Ensure all protective materials are removed. Place the unit on a flat, stable surface, ensuring there is at least 1 foot (30 cm) of clear space around the sides and back for proper airflow.

### 2. Filter Installation

The filters are typically pre-installed but may have protective plastic wrapping that needs to be removed before first use.

1. Open the front cover of the air purifier.
2. Remove the Pre-Filter, Deodorization Filter, and True HEPA Filter.
3. Remove any plastic packaging from each filter.
4. Reinstall the filters in the correct order: True HEPA Filter first, followed by the Deodorization Filter, and then the Pre-Filter. Ensure they are securely in place.
5. Close the front cover.

## 3-Stage Powerful Filtration

Traps 99.999%<sup>1</sup> of nano-sized particles  
down to 0.01 microns

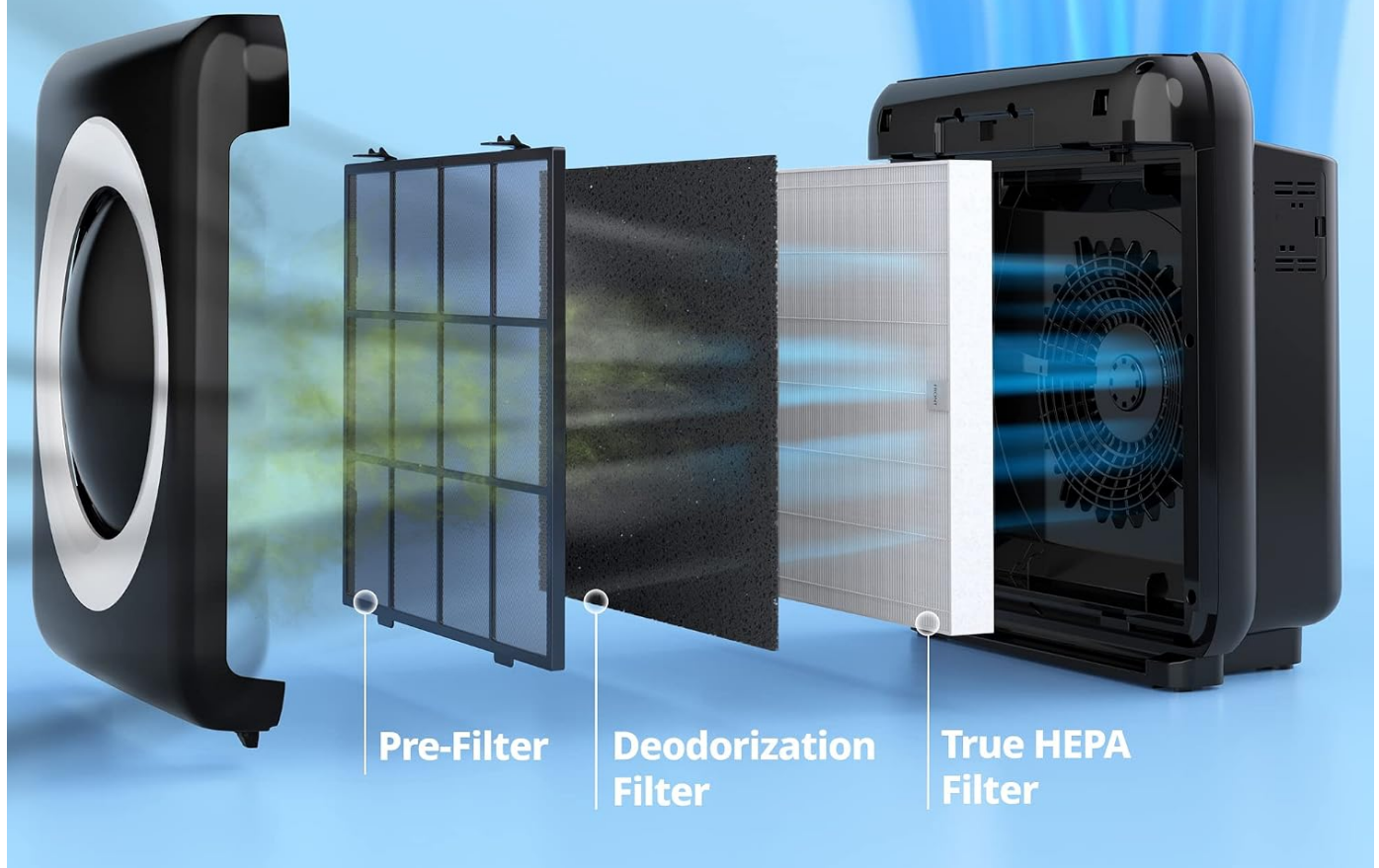


Image: An exploded view illustrating the three stages of filtration: Pre-Filter, Deodorization Filter, and True HEPA Filter.



Image: A visual guide demonstrating the steps for replacing the Deodorization and True HEPA filters.

### 3. Power Connection

Plug the power cord into a standard electrical outlet.

## OPERATING INSTRUCTIONS

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### Power On/Off

Press the Power button ( ) to turn the unit on or off.

### Modes of Operation

- **Auto Mode:** The air purifier automatically adjusts the fan speed based on the real-time air quality detected by the pollution sensor.
- **Eco Mode:** To conserve energy, the fan will automatically turn off if no pollution is detected for 30 minutes. It will resume operation when pollution is detected.
- **Manual Fan Speed:** Select from Low, Medium, or High fan speeds using the Speed button.

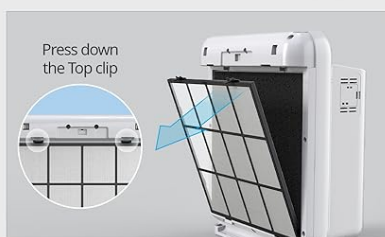
# Automatic Fan Speed Control

It automatically adjusts or stops the fan speed according to the surrounding air quality.



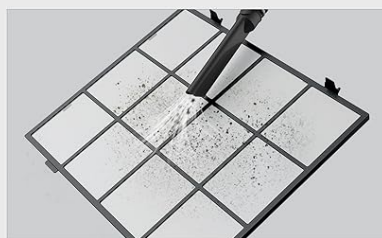
Image: An illustration detailing the automatic fan speed control and Eco Mode functionality, showing how the unit responds to air quality changes.

## Steps for cleaning your washable Pre-Filter



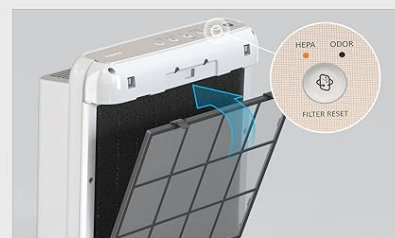
### Step 1

Open the front cover and pull the Pre-Filter out.



### Step 2

Clean the filter with water or vacuum cleaner then fully dry.



### Step 3

Fit the cover back to the product. Press the reset button for 2 seconds.

Image: The air purifier operating quietly in a living room, demonstrating its low noise level during operation.

Video: A short video demonstrating the Coway Airmega air purifier's benefits for refreshing sleep, provided by Coway USA, Inc.

## Air Quality Indicator

The brightly colored LED light on the unit indicates the current indoor air quality:

- **Blue:** Good air quality
- **Purple:** Moderate air quality
- **Red:** Unhealthy air quality

The light can be turned off for sleeping environments.



Image: A close-up of the air quality indicator, showing blue, purple, and red lights corresponding to good, moderate, and unhealthy air quality.

## Timer Settings

Use the Timer button to schedule the unit to operate for 1, 4, or 8 hours, helping to conserve energy.

# Timer Settings

Schedule the unit to purify 1, 4 or 8 hours of use, and conserve energy



Image: The timer button and indicator lights for 1, 4, and 8-hour settings.

## MAINTENANCE

Regular maintenance ensures the optimal performance and longevity of your Coway AP-1512HH air purifier. The unit features filter alerts to indicate when maintenance is needed.

# Filter Replacement Indicator

It tells you when the True HEPA Filter and Deodorization Filter need to be replaced



Image: The filter replacement indicator, showing lights for HEPA and Odor filters, and a filter reset button.

## Pre-Filter Cleaning

The Pre-Filter should be cleaned regularly for maximum efficiency. It is washable.

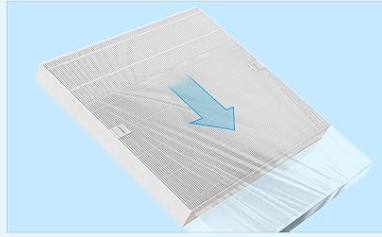
1. Open the front cover and pull out the Pre-Filter.
2. Clean the filter with water or a vacuum cleaner.
3. Ensure the filter is fully dry before reinstalling.
4. Fit the cover back to the product and press the Filter Reset button for 2 seconds.

## Steps to replace Deodorization / True HEPA Filter



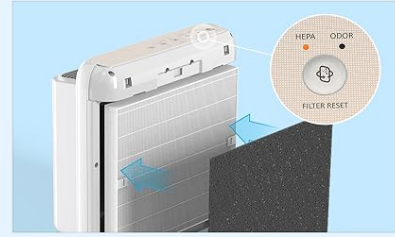
### Step 1

Open the front cover and pull the filter out.



### Step 2

Remove the plastic packing of the new filters before installing.



### Step 3

Install the filters by proper order. Press the Reset button for 2 seconds.

Image: A visual representation of cleaning the washable Pre-Filter.



Image: A step-by-step diagram illustrating how to remove, clean, and reinstall the Pre-Filter.

## Deodorization and True HEPA Filter Replacement

The Deodorization Filter typically needs replacement every 6 months, and the True HEPA Filter typically every year, depending on usage and air quality.

1. Open the front cover and pull out the old filters.
2. Remove the plastic packing from the new filters before installing.
3. Install the new filters in the proper order: True HEPA Filter first, then the Deodorization Filter.
4. Close the front cover and press the Filter Reset button for 2 seconds.

Video: A demonstration of how to switch out the filters in the Coway AP-1512HH air purifier, showing the process of removing old filters and installing new ones. This video is titled "Summer refresh means switching out your filters!" and is provided by Coway USA, Inc.

**Caution: Use Genuine Filters Only. Using third-party filters can cause damage to the air purifier and void the warranty.**

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	Power cord not properly connected; Front cover not closed properly.	Check power cord connection; Ensure front cover is securely closed.
Air quality indicator always red/purple.	Filters are dirty or clogged; Sensor is dirty.	Clean or replace filters; Clean the pollution sensor.

Problem	Possible Cause	Solution
Unusual noise during operation.	Obstruction in fan; Unit not on a stable surface.	Check for foreign objects; Place unit on a flat, stable surface.
Odor persists or is emitted.	Deodorization filter needs replacement; Unit is new (initial odor).	Replace deodorization filter; Run unit in a well-ventilated area for a few hours.

## SPECIFICATIONS

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**Model:** AP-1512HH

**Color:** black/silver

**Product Dimensions:** 9.6"D x 16.8"W x 18.3"H

**Coverage Area:** Up to 361 sq. ft. (12.5 minutes) / 874 sq. ft. (30 minutes)

**Filtration System:** 3-Stage (Pre-Filter, Deodorization Filter, True HEPA Filter)

**Noise Level:** 53.8 dB (Max)

**Power Consumption:** 77 watts (Max)

**Controller Type:** Button Control

**Particle Retention Size:** 0.01 Micron

**Certifications:** CARB Certified

**Item Weight:** 12.3 pounds

**Country of Origin:** China

## WARRANTY AND SUPPORT

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### Warranty Information

The Coway AP-1512HH Mighty Air Purifier comes with a 3-year Limited Manufacturer's Warranty. Please refer to the official warranty documentation for full details and terms.

### User Manual and Additional Resources

For a comprehensive user guide and additional support, please refer to the official PDF manual:

[Download User Manual \(PDF\)](#)

For further assistance, please visit the official Coway website or contact their customer support.