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## **AIRTHEREAL AGH550**

# Airthereal AGH550 HEPA Filter Air Purifier Instruction Manual

Model: AGH550 | Brand: AIRTHEREAL

## 1. Introduction

This manual provides detailed instructions for the safe and efficient operation, setup, and maintenance of your Airthereal AGH550 HEPA Filter Air Purifier. Please read this manual thoroughly before using the appliance and retain it for future reference.

## 2. SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

- Do not operate the air purifier with a damaged cord or plug.
- Do not use the appliance in wet or damp environments.
- Keep the air inlet and outlet clear of obstructions.
- Unplug the air purifier before cleaning or performing any maintenance.
- This appliance is for indoor use only.

## 3. PRODUCT OVERVIEW

The Airthereal AGH550 is designed to improve indoor air quality by filtering out various airborne particles. It features an advanced filtration system and smart auto mode for efficient operation.





Figure 3.1: Front view of the Airthereal AGH550 Air Purifier in Cool Grey.

# **Key Features:**

- Powerful Performance: Cleans and recirculates air in a 1085 sq.ft space every 30 minutes, or 450 sq.ft every 12 minutes.
- Fantastic Filtration: True HEPA filter removes 99.97% of airborne particles including dust, pollen, smoke, and pet dander.
- Smart Auto Mode: Laser sensor adjusts fan speed based on real-time air quality.
- Low Noise Level: Operates at a near-silent 22dB.
- Energy Efficient: Maximum power consumption of 40W.

# **Components and Airflow:**



Figure 3.2: Internal components of the AGH550, highlighting its multi-layer design and air path for large rooms.



Figure 3.3: The AGH550 effectively circulates purified air throughout a room.



Figure 3.4: The upgraded laser dust sensor provides more sensitive and accurate air quality detection.

- Air Inlet Grille
- Multi-layer Filter System (Preliminary, True HEPA, Activated Carbon)
- Air Outlet
- · Control Panel with Display
- Upgraded Laser Air Quality Sensor

# 4. SETUP

- 1. Unpack the Unit: Carefully remove the air purifier from its packaging.
- 2. **Remove Filter Packaging:** Before first use, open the filter compartment (usually at the bottom or back) and remove the plastic packaging from the filters. Reinsert the filters securely.
- 3. **Position the Purifier:** Place the air purifier on a flat, stable surface. Ensure there is at least 12 inches (30 cm) of clear space around all sides for optimal airflow.

## 5. OPERATING INSTRUCTIONS

## **Control Panel:**



Figure 5.1: Detailed view of the simple touch-control panel.

- Power On/Off Button: Press to turn the unit on or off.
- Fan Speed Setting: Adjusts fan speed (e.g., Low, Medium, High).
- Mode Switch (M): Cycles through operating modes (e.g., Auto, Sleep, Manual).
- Timer Button: Sets the operating timer (0-24 hours).
- Child-Proof Lock: Activates/deactivates the control panel lock.
- Air Quality Indicator: Displays real-time air quality via color-coded LED.



Figure 5.2: Air Quality Indicator showing PM2.5 readings and corresponding color codes.

# **Air Quality Indicator Guide:**

PM2.5 Reading	Color	Air Quality
0-12	Green	Good
12-35	Orange	Moderate
35+	Red	Unhealthy

# **Using the Timer:**

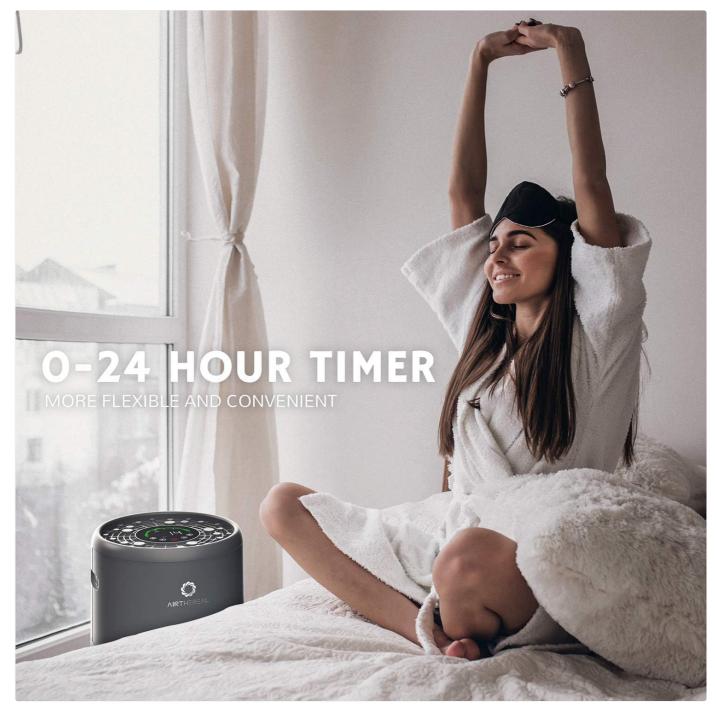


Figure 5.3: The 0-24 hour timer provides flexible operation.

Press the timer button to set the desired operating duration. The unit will automatically turn off after the set time has elapsed.

# 6. MAINTENANCE

# **Filter Replacement:**



Figure 6.1: The multi-stage filter system includes an Aluminum Mesh Preliminary Filter, a True HEPA Filter, and an Activated Carbon Filter. The AGH550 uses a multi-layer filter system. The lifespan of the filters depends on air quality and usage. It is recommended to replace the filters every 6-8 months for optimal performance.

- Replacement Filters: Original replacement HEPA filter (B07X8HW1SN), H13 filter (B08N49PWY2).
- To Replace Filters:
  - a. Unplug the air purifier from the power outlet.
  - b. Locate the filter compartment (refer to product diagram).
  - c. Remove the old filters and dispose of them properly.
  - d. Insert new filters, ensuring they are correctly oriented.
  - e. Close the filter compartment cover securely.
  - f. Plug in the air purifier and reset the filter life indicator (if applicable, refer to control panel instructions).

# **Cleaning:**

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

- Air Quality Sensor: Periodically clean the air quality sensor lens (refer to product diagram for location, often near the air inlet) with a dry cotton swab to ensure accurate readings.
- **Pre-filter:** The preliminary filter can be gently vacuumed to remove large dust particles and pet dander. Do not wash the HEPA or Activated Carbon filters.

# 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not turn on.	Not plugged in; power outage; damaged cord/plug.	Ensure plug is securely in outlet; check circuit breaker; contact customer support if cord/plug is damaged.
Weak airflow.	Filters are dirty or clogged; air inlets/outlets blocked.	Replace filters; clear any obstructions from air inlets/outlets.
Unusual noise.	Filter not installed correctly; foreign object inside unit.	Reinstall filters correctly; unplug and check for foreign objects.
Air quality reading is inaccurate.	Air quality sensor is dirty.	Clean the air quality sensor lens with a dry cotton swab.

# 8. Specifications

Attribute	Detail
Model Number	AGH550
Brand	AIRTHEREAL
Product Dimensions	11.4"D x 11.4"W x 24.6"H
Item Weight	14.7 Pounds
Color	Cool Grey
Power Consumption	40 Watts (Maximum)
Noise Level	46 dB (Maximum)
Coverage Area	Up to 750 Square Feet
Filter Type	True HEPA, Activated Carbon, Preliminary Mesh
Date First Available	July 25, 2019





Figure 8.1: Product dimensions of the Airthereal AGH550.

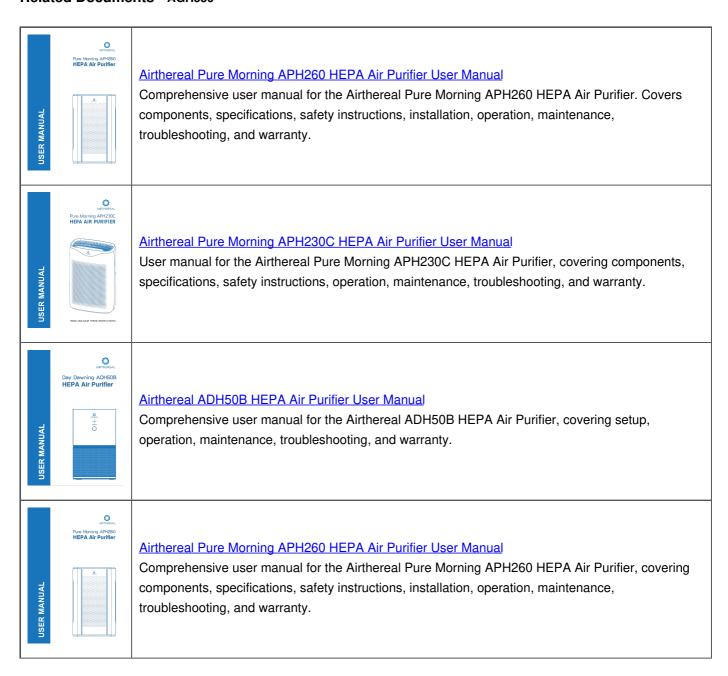
## 9. WARRANTY AND SUPPORT

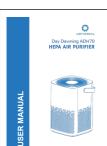
For warranty information and customer support, please refer to the official Airthereal website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Manufacturer: Airthereal
Website: www.airthereal.com

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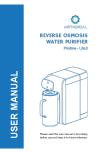
#### **Related Documents - AGH550**





## Airthereal Day Dawning ADH70 HEPA Air Purifier User Manual

User manual for the Airthereal Day Dawning ADH70 HEPA Air Purifier. Provides detailed information on components, specifications, safety guidelines, installation, operation, maintenance, cleaning, troubleshooting, and warranty.



#### Airthereal Pristine Lite3 Reverse Osmosis Water Purifier User Manual

User manual for the Airthereal Pristine Lite3 Reverse Osmosis Water Purifier, covering safety instructions, specifications, components, getting started, maintenance, troubleshooting, and limited warranty.

## Documents - AIRTHEREAL - AGH550



[pdf] User Manual Instructions Troubleshooting Guide Specifications Warranty

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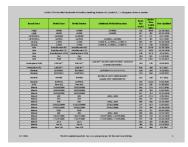
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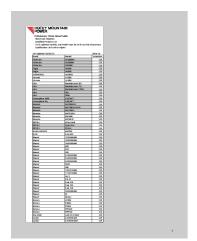
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# ENERGY STAR Certified Residential Air Purifiers List - Brands, Models, and Specifications

A comprehensive list of ENERGY STAR certified residential air purifiers, including brand names, model numbers, room size coverage, Clean Air Delivery Rate (CADR), and qualification dates. Find the right air purifier for your home.

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#### Rocky Mountain Power Qualified Room Air Cleaner Products List

A comprehensive list of qualified room air cleaner models from various brands, eligible for incentives from Rocky Mountain Power, with a minimum CADR of 30. The list is updated monthly.

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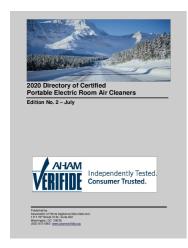


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