Trucozie T554

Trucozie T554 Air Purifier User Manual

Model: T554

1. Introduction

The Trucozie T554 Air Purifier is designed to improve indoor air quality by effectively removing various airborne particles. This manual provides essential information for the safe and efficient operation and maintenance of your air purifier.



Figure 1: Trucozie T554 Air Purifier, designed for effective air purification in homes with pets.

2. Key Features

- **Large Coverage:** Purifies air in spaces up to 2000 ft² once per hour, ideal for large rooms.
- **Three-Stage Filtration:** Features a washable pre-filter, H13 True HEPA filter, and activated carbon filter, capturing up to 99.97% of particles.
- **Washable Pre-Filter:** The pre-filter can be cleaned with water or a vacuum, extending the lifespan of the H13 filter and reducing replacement costs.
- **Pet Mode:** Specifically designed for pet owners, this mode quickly captures pet dander and hair, enhancing indoor air quality.
- **Sleep Mode:** Operates at a low noise level (less than 23dB) with dimmed display lights to ensure undisturbed rest.
- **Auto Mode:** Automatically adjusts fan speed based on real-time PM2.5 air quality readings, optimizing performance and energy efficiency.
- **PM2.5 Air Quality Display:** Provides real-time air quality feedback with color-coded indicators (Green: Good, Yellow: Moderate, Red: Bad).

3. Setup Instructions

1. **Unboxing and Filter Preparation:**
    - Carefully remove the air purifier from its packaging.
    - Open the air inlet cover on both sides of the unit.
    - Remove the filters, which are sealed in plastic bags, from inside the unit.
    - Remove all plastic packaging from both filters.
    - Reinsert the filters into the unit, ensuring the pull tabs are facing outwards for easy removal during maintenance.
    - Align the bottom buckles of the air inlet cover, then align the top buckles and close the cover securely.
2. **Power Connection:**
    - Locate the power adapter stored at the bottom of the unit.
    - Connect the adapter to the power input jack on the bottom of the air purifier.
    - Plug the power adapter into a suitable electrical outlet.

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Video 1: Trucozie T554 Air Purifier Operation Guide. This video demonstrates the initial setup and basic operation of the air purifier, including filter installation and power connection.

4. Operating Instructions

4.1 Control Panel Overview

The control panel is located on the top of the air purifier and features several touch-sensitive buttons and an LED display for easy operation.



Figure 2: Real-time PM2.5 Index Display. The LED screen shows air quality with color-coded indicators: Green (85-100%) for Good, Yellow (70-84%) for Moderate, and Red (0-69%) for Bad.

4.2 Power On/Off

- Press the **Power Button** () to turn the unit on or off. The unit will start in Auto Mode by default.

4.3 Operating Modes

- **Auto Mode:** Press the **Auto Mode Button** () to activate. The fan speed will automatically adjust based on the PM2.5 air quality.
- **Sleep Mode:** Press the **Sleep Mode Button** () to enter. The fan operates at its lowest speed, and display lights dim for quiet operation.
- **Pet Mode:** Press the **Pet Mode Button** () to activate. This mode increases fan speed to quickly capture pet dander and hair.

4.4 Fan Speed Adjustment

- Press the **Fan Speed Button** () to cycle through four manual fan speeds (P1-P4).

4.5 Timer Setting

- Press the **Timer Button** () to set the operating time from 1 to 12 hours. The unit will automatically turn off after the set time.

4.6 Child Lock

- Press and hold the **Child Lock Button** () for 3-5 seconds to activate or deactivate. When active, other buttons cannot be operated.

5. Maintenance

5.1 Pre-Filter Cleaning

The pre-filter should be cleaned regularly to maintain optimal performance and extend the life of the H13 filter.

1. Turn off and unplug the air purifier.
2. Open the air inlet cover and remove the pre-filter.
3. Use a vacuum cleaner with a brush attachment to remove accumulated dust and hair from the pre-filter. For deeper cleaning, rinse the pre-filter with clean water.
4. Allow the pre-filter to air dry completely before reinserting it into the unit.

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Video 2: Filter Replacement and Cleaning Method. This video demonstrates how to clean the washable pre-filter and replace the main filter.

5.2 H13 Filter Replacement

The H13 filter has a lifespan of approximately 3 months (2000 hours) and should be replaced when the filter replacement reminder light illuminates.

1. Turn off and unplug the air purifier.
2. Open the air inlet cover and remove the old H13 filter.
3. Insert a new H13 filter into the unit.
4. Close the air inlet cover.
5. Press and hold the **Pet/Reset Button** () for 3-5 seconds to reset the filter timer.



Figure 3: Filter comparison showing a new filter versus one after 6 months of use, highlighting the importance of timely replacement.

6. Specifications

Feature	Detail
Brand	Trucozie
Model Number	T554
Product Dimensions	12"D x 16"W x 7"H (12 x 16 x 7 inches)
Item Weight	8.42 Pounds
Coverage Area	Up to 2000 ft² per hour
Filter Type	Washable Pre-Filter, H13 True HEPA, Activated Carbon
Noise Level (Sleep Mode)	Less than 23dB
Control Method	Push Button
Power Source	AC

7. Warranty and Support

Every Trucozie air purifier comes with a 12-month warranty, 7x24 customer service, and lifetime technical support. For any issues or inquiries, please contact our customer service team.

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