

SPT AC-2102

SPT TiO₂ (Titanium Oxide) Filter for Air Purifier Model AC-2102 Instruction Manual

Model: AC-2102-TIO2

INTRODUCTION

This manual provides essential information for the proper installation, maintenance, and understanding of your SPT TiO₂ (Titanium Oxide) Filter, designed specifically for the SPT Air Purifier Model AC-2102. The TiO₂ filter is a critical component in enhancing air quality through photocatalytic oxidation.

PRODUCT OVERVIEW

The TiO₂ (Titanium Oxide) filter works in conjunction with UV light within your air purifier. This combination facilitates photocatalytic oxidation, a process that generates hydroxyl radicals and super-oxide ions. These highly reactive electrons actively combine with airborne pollutants such as bacteria and volatile organic compounds (VOCs), effectively neutralizing them through an oxidation process.

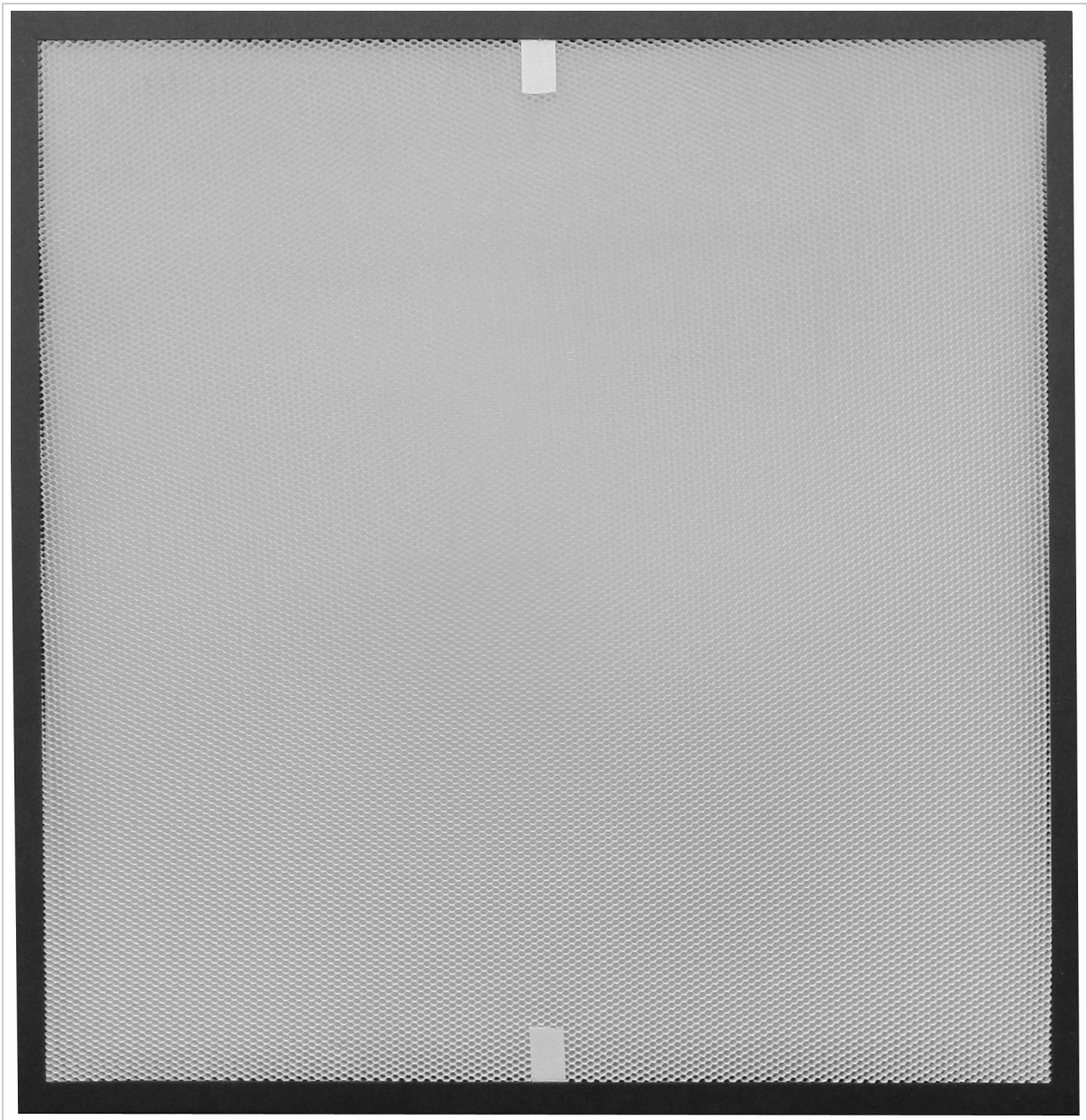


Image 1: SPT TiO₂ (Titanium Oxide) Filter. This image shows the cylindrical filter with pleated material, designed for insertion into the air purifier.

COMPATIBILITY

This SPT TiO₂ (Titanium Oxide) Filter is designed exclusively for use with the **SPT Air Purifier Model AC-2102**. Ensure your air purifier model matches this specification for proper fit and optimal performance.

INSTALLATION INSTRUCTIONS

Follow these steps to correctly install or replace the TiO₂ filter in your SPT Air Purifier Model AC-2102:

1. **Power Off:** Before beginning, ensure the air purifier is unplugged from the power outlet to prevent electrical hazards.
2. **Access Filter Compartment:** Refer to your air purifier's main instruction manual for specific details on how to open the filter compartment. Typically, this involves twisting or unlatching a cover at the base or side of the unit.
3. **Remove Old Filter:** Carefully remove the used TiO₂ filter. Dispose of the old filter according to local regulations.

4. **Unpack New Filter:** Remove the new SPT TiO2 filter from its protective packaging.
5. **Insert New Filter:** Place the new filter into the compartment, ensuring it is seated correctly and securely. Pay attention to any directional arrows or guides on the filter or in the compartment.
6. **Close Compartment:** Securely close the filter compartment cover.
7. **Restore Power:** Plug the air purifier back into the power outlet.
8. **Reset Filter Indicator (if applicable):** If your air purifier has a filter replacement indicator, follow the instructions in your air purifier's manual to reset it.

MAINTENANCE AND REPLACEMENT

The lifespan of the TiO2 filter can vary depending on air quality and usage. Regular inspection and timely replacement are crucial for maintaining optimal air purification performance.

- **Filter Lifespan:** The TiO2 filter typically lasts for a specific period, as indicated in your air purifier's main manual. Monitor the filter replacement indicator on your AC-2102 air purifier.
- **Replacement:** Replace the filter when the indicator light signals or when you notice a decrease in air purification effectiveness.
- **Cleaning:** The TiO2 filter is generally not washable or reusable. Attempting to clean it may damage the photocatalytic coating and reduce its effectiveness.

SPECIFICATIONS

Feature	Detail
Product Dimensions	16.5 x 16.13 x 0.19 inches
Item Weight	4.3 ounces
Material	Plastic (housing), TiO2 coated media
Compatible Devices	SPT Air Purifier Model AC-2102
Country of Origin	Taiwan

TROUBLESHOOTING

If you encounter issues after installing your new TiO2 filter, consider the following:

- **Air Purifier Not Turning On:** Ensure the air purifier is properly plugged in and the filter compartment is securely closed. Some models have a safety switch that prevents operation if the compartment is open.
- **Filter Indicator Light Still On:** If you have replaced the filter but the indicator light remains on, you may need to manually reset the filter timer. Refer to your SPT Air Purifier Model AC-2102 user manual for specific instructions on resetting the filter indicator.
- **Reduced Airflow/Effectiveness:** Double-check that the filter is installed correctly and not obstructed. Ensure the air purifier's pre-filter (if applicable) is clean.

WARRANTY INFORMATION

This SPT TiO₂ Filter is covered by a **1-year limited manufacturer warranty**. For details regarding warranty claims or service, please refer to the warranty section of your SPT Air Purifier Model AC-2102 user manual or contact SPT customer support.

CUSTOMER SUPPORT

For further assistance, questions, or to purchase additional replacement filters, please visit the official SPT website or contact their customer service department. Always provide your product model number (AC-2102) when seeking support.

SPT Official Website: www.spt-usa.com