Manuals+
Q & A | Deep Search | Upload

Pelonis PFC50A4AWGDE-R

Pelonis Filter for AC100-20AR Water-Cooled Air Cooler Fan - User Manual

Model: PFC50A4AWGDE-R

1. Introduction

Thank you for choosing the Pelonis Filter for your AC100-20AR Water-Cooled Air Cooler Fan. This filter is an essential component designed to ensure clean, fresh, and efficient airflow from your device. Regular maintenance and timely replacement of the filter are crucial for maintaining optimal performance and air quality.

This manual provides detailed instructions on how to properly install, maintain, and replace your Pelonis filter. Please read this manual thoroughly before use and keep it for future reference.

2. Safety Instructions

- Always unplug the Pelonis AC100-20AR air cooler from the power outlet before attempting any installation, removal, or maintenance of the filter.
- Handle the filter with care to avoid damage to the delicate filter mesh.
- Keep the filter out of reach of children and pets.
- Do not use harsh chemicals or abrasive materials to clean the filter, as this may damage its structure and effectiveness.
- Ensure your hands are clean and dry before handling the filter.

3. Product Overview

The Pelonis filter is specifically designed for the AC100-20AR 5L Water-Cooled Air Cooler Fan. It features a high-density filter mesh that effectively captures dust particles and impurities, contributing to a cleaner and healthier indoor environment. Its corrugated structure maximizes surface area for efficient air purification and cooling.

Image: The Pelonis filter, showcasing its high-density, corrugated design for efficient air purification.

4. Installation and Replacement

The filter is designed for easy removal and installation, facilitating regular cleaning and replacement.

Steps for Filter Replacement:

1. **Power Off:** Ensure the Pelonis AC100-20AR air cooler is turned off and unplugged from the power outlet.
2. **Locate Filter Compartment:** Identify the filter compartment, typically located at the rear or side of the air cooler.
3. **Remove Old Filter:** Gently pull out the old filter from its slot. It may be secured by clips or a simple slide mechanism. Refer to your air cooler's main manual for specific compartment access.
4. **Insert New Filter:** Carefully slide the new Pelonis filter into the compartment, ensuring it is oriented correctly and fits snugly. The filter's design ensures proper airflow direction.
5. **Secure Compartment:** Close the filter compartment cover securely.
6. **Restore Power:** Plug the air cooler back into the power outlet and resume operation.

Image: Visual guide demonstrating the process of removing and inserting the filter into the air cooler.

Image: A hand demonstrating the easy removal of the filter from the air cooler's compartment.

5. Maintenance

Regular cleaning and timely replacement of the filter are essential for optimal performance and to ensure a clean and safe airflow.

Cleaning the Filter:

- The filter can be easily removed for regular cleaning.
- Gently rinse the filter under cool, running water to remove accumulated dust and debris.
- Do not use soap or detergents.
- Allow the filter to air dry completely before reinserting it into the air cooler. Ensure no moisture remains to prevent mold or mildew growth.

Replacement Frequency:

The lifespan of the filter depends on usage frequency and environmental conditions. For optimal performance and air quality, it is recommended to replace the Pelonis filter every 3 to 6 months, or more frequently if you notice a decrease in airflow or an increase in dust accumulation.

6. Troubleshooting

If you experience issues related to the filter, consider the following:

- **Reduced Airflow:** If the air cooler's airflow seems weaker than usual, the filter might be clogged. Remove and clean the filter as per the maintenance instructions. If the issue persists after cleaning, it may be time for a replacement.
- **Unusual Odor:** A musty or unpleasant odor from the air cooler can indicate a dirty filter or stagnant water in the reservoir. Clean the filter thoroughly and ensure the water tank is clean and filled with fresh water. Allow the filter to dry completely after cleaning.
- **Visible Dust on Filter:** This is normal and indicates the filter is working. However, if the dust buildup is excessive, it's a sign that cleaning or replacement is needed.

7. Specifications

Feature	Specification

Feature	Specification
Model Number	PFC50A4AWGDE-R
Compatibility	Pelonis 5L Water-Cooled Air Cooler Fan AC100-20AR
Dimensions (L x W x H)	39.8 mm x 3 mm x 12 mm (approx.)
Weight	50 g
Color	White / Light Blue
Material	High-density filter mesh

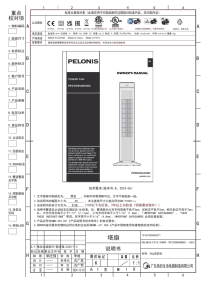
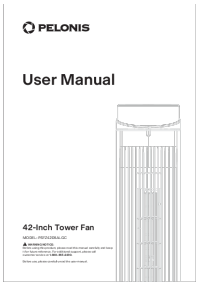
8. Warranty and Support

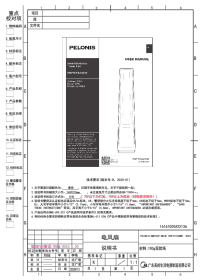
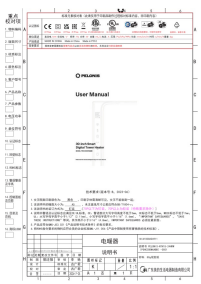
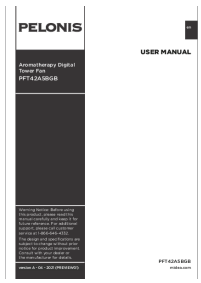
For warranty information or technical support regarding your Pelonis filter or AC100-20AR air cooler, please refer to the original product documentation that came with your air cooler or visit the official Pelonis website. You may also contact Pelonis customer service directly for assistance.

Please have your product model number (PFC50A4AWGDE-R) and purchase details ready when contacting support.

© 2025 Pelonis. All rights reserved.

Related Documents - PFC50A4AWGDE-R

	Pelonis PFZ30R0APKBC Tower Fan Owner's Manual This manual provides safety precautions, operating instructions, assembly guide, and troubleshooting tips for the Pelonis PFZ30R0APKBC Tower Fan. It also includes warranty information.
	Pelonis 42-Inch Tower Fan User Manual User manual for the Pelonis 42-Inch Tower Fan (Model: PSFZ42D5ALGC), covering important safeguards, product overview, installation, operation, troubleshooting, cleaning, specifications, and warranty information.

	[Pelonis Smart Bladeless Tower Fan PBF15T4AWW User Manual] Official user manual for the Pelonis Smart Bladeless Tower Fan (Model PBF15T4AWW). Includes safety instructions, specifications, operation guide, app setup, maintenance, troubleshooting, and warranty information.
	[PELONIS PSHC30DW6ABB 30-inch Smart Digital Tower Heater User Manual] Get detailed instructions and safety information for your PELONIS PSHC30DW6ABB 30-inch Smart Digital Tower Heater. This user manual covers operation, app connectivity, troubleshooting, and warranty.
	[Pelonis Aromatherapy Digital Tower Fan PFT42A5BGB User Manual] This user manual provides comprehensive instructions for the Pelonis Aromatherapy Digital Tower Fan (Model PFT42A5BGB), covering safety guidelines, parts identification, assembly steps, operation modes, user servicing, and maintenance tips.
	[Pelonis 38-Inch Tower 2-in-1 Fan & Heater PSFHT38R7BC Owner's Manual] Owner's manual for the Pelonis 38-inch Tower 2-in-1 Fan & Heater (Model PSFHT38R7BC). Includes safety precautions, operating instructions, part names, specifications, control panel and display guide, remote controller usage, battery information, cleaning, troubleshooting, service, and warranty details.