

Airwell 1PR120006

Airwell Air Filter 1PR120006 User Manual

Comprehensive guide for installation, maintenance, and optimal use of your Airwell air filter.

1. INTRODUCTION

This manual provides essential information for the proper handling, installation, and maintenance of your Airwell 1PR120006 air filter. Designed for air conditioning and HVAC systems, this filter is crucial for maintaining air quality and system efficiency. Please read this guide thoroughly before proceeding with any operations.

2. SAFETY INFORMATION

Your safety is paramount. Please observe the following precautions:

- **Wear Protective Gloves:** It is essential to wear gloves to protect your hands against the risk of injury and to ensure your safety during handling.
- **Professional Installation Recommended:** Given the nature of this product and its integration into HVAC systems, it is highly recommended to have it installed by a qualified professional to ensure correct fitment and optimal system performance.
- **Disconnect Power:** Always ensure the air conditioning or HVAC unit is completely powered off and disconnected from the main power supply before attempting any installation or maintenance.
- **Handle with Care:** The filter media can be delicate. Avoid bending or damaging the filter during installation.

This product is sold in its original manufacturer's packaging and has not undergone any modifications.

3. PRODUCT OVERVIEW



Image 3.1: Front view of the Airwell 1PR120006 air filter, showing its white frame and grid-like filtration media.

The Airwell 1PR120006 is a replacement air filter designed for specific Airwell air conditioning units. It features a durable frame and a fine mesh filtration material engineered to capture dust, pollen, and other airborne particles, contributing to cleaner indoor air and protecting the internal components of your HVAC system.

4. SETUP AND INSTALLATION

Follow these general steps for replacing your air filter. Specific steps may vary slightly depending on your Airwell unit model. Refer to your unit's primary manual for detailed instructions if necessary.

1. **Power Off Unit:** Ensure the air conditioning or HVAC unit is completely turned off and unplugged from the power source.
2. **Locate Filter Compartment:** Identify the filter access panel or compartment on your Airwell unit. This is typically found on the indoor unit.
3. **Remove Old Filter:** Carefully open the access panel and slide out the old, dirty filter. Note its orientation for correct installation of the new filter.
4. **Clean Compartment (Optional):** Gently wipe down the filter compartment to remove any accumulated dust or debris.
5. **Insert New Filter:** With clean gloves, slide the new Airwell 1PR120006 filter into the compartment, ensuring it is oriented correctly (airflow direction arrow, if present, should point towards the unit).
6. **Secure Panel:** Close and secure the filter access panel.
7. **Restore Power:** Plug the unit back in and restore power.

As previously stated, professional installation is recommended for optimal results and safety.

5. OPERATING PRINCIPLES

The Airwell 1PR120006 air filter operates passively as part of your HVAC system's air circulation. As air is drawn into the unit, it passes through the filter media. The filter's fine mesh traps airborne particles such as dust, pet dander, pollen, and other allergens, preventing them from recirculating into your living space and from accumulating on the internal components of the air conditioner. This process helps maintain indoor air quality and ensures the efficient operation and longevity of your Airwell unit.

6. MAINTENANCE

Regular maintenance of your air filter is crucial for optimal performance and air quality.

- **Inspection:** Inspect the filter monthly, especially during periods of heavy use (e.g., summer, winter).
- **Cleaning/Replacement:** Depending on your specific Airwell unit and filter type, the filter may be washable or require replacement. The 1PR120006 is typically a replacement filter. Replace the filter every 1-3 months, or more frequently if you have pets, allergies, or live in an area with high air pollution. A dirty filter can restrict airflow, reduce system efficiency, and potentially damage your unit.
- **Disposal:** Dispose of old filters responsibly according to local regulations.

7. TROUBLESHOOTING

If you encounter issues related to your air filter, consider the following common scenarios:

Problem	Possible Cause	Solution
Reduced Airflow	Clogged or dirty filter.	Replace the air filter. Ensure no obstructions in the air ducts.
Unpleasant Odors	Filter accumulating mold, mildew, or strong odors.	Replace the air filter immediately. Check for moisture issues in the HVAC system.
Increased Energy Bills	Unit working harder due to restricted airflow from a dirty filter.	Replace the air filter. Regular filter replacement improves efficiency.
Excessive Dust in Room	Filter not installed correctly or is past its effective life.	Verify filter orientation and proper seating. Replace if old.

If problems persist after troubleshooting, contact a qualified HVAC professional.

8. SPECIFICATIONS

Attribute	Detail
Brand	Airwell
Model Number	1PR120006
Part Number (OEM)	1PR120006
Product Type	Air Filter for HVAC/Air Conditioning Systems
ASIN	B08PMDWHBF
First Available Date	July 11, 2020

9. WARRANTY AND SUPPORT

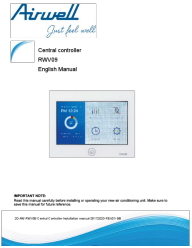
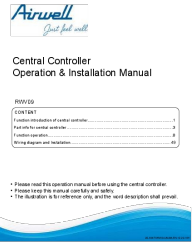



Information regarding specific warranty details for the Airwell 1PR120006 filter is not directly provided. For warranty claims or detailed product support, please refer to the documentation provided with your Airwell air conditioning unit or contact Airwell customer service directly.

You can typically find support information on the official Airwell website or through your product retailer.

For further assistance, please visit the [Airwell Official Website](#).

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Related Documents - 1PR120006

	<p>Airwell RWV09 Central Controller Manual</p> <p>This manual provides detailed information on the Airwell RWV09 Central Controller, including its functions, operation, and installation. Learn how to manage your air conditioning units efficiently with this comprehensive guide.</p>
	<p>Airwell RWV09 Central Controller Operation & Installation Manual</p> <p>This manual provides detailed instructions for the operation and installation of the Airwell RWV09 Central Controller. Learn about its functions, features, and how to manage VRF indoor units and Heat Recovery Vents.</p>
	<p>Airwell RWV11 Wired Controller Operation & Installation Manual</p> <p>This operation and installation manual provides detailed guidance for the Airwell RWV11 Wired Controller, covering its components, functions, and setup procedures for optimal climate control system management.</p>
	<p>Airwell VRF Solutions: Variable Refrigerant Flow for Europe 2023/2024</p> <p>Explore Airwell's advanced Variable Refrigerant Flow (VRF) solutions for Europe, featuring innovative smart building technology, efficient climate control, and a commitment to the energy transition. Discover AirConnect Smart and AirConnect Pro for seamless management and maintenance.</p>
	<p>Airwell AirConnectPro Mobile App User Manual</p> <p>Comprehensive user manual for the Airwell AirConnectPro mobile application, detailing installation, registration, app interface, unit control, user management, and troubleshooting for Airwell HVAC systems.</p>



[Airwell VRF Air-Conditioning System Engineering Manual](#)

Comprehensive engineering manual detailing the design, specifications, installation, and operation of Airwell's Variable Refrigerant Flow (VRF) air-conditioning systems, including various indoor and outdoor unit models like YAV, CKV, KXV, SXV, DLV, DSV, and PNV series.