

## FILTERWEARS F220L

# FILTERWEARS F220L Volant 51922 Pre-Filter Instruction Manual

Model: F220L

## 1. PRODUCT OVERVIEW

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The FILTERWEARS F220L Pre-Filter is designed to protect your main air filter from debris, dirt, and water, thereby extending its service life and reducing maintenance frequency. This pre-filter is constructed from 100% monofilament polyester with a water-repellent finish, ensuring effective performance in various environmental conditions. It is specifically engineered to fit Volant 51922 and 61505 air filters.

Key benefits of using the FILTERWEARS F220L Pre-Filter include:

- Reduces overall maintenance costs for your air filtration system.
- Extends the intervals between main filter services.
- Enhances convenience by keeping the main filter cleaner for longer.
- Prolongs the operational life of any air filter, whether exposed or enclosed.
- Effectively keeps high-performance filters free of debris, dirt, and water.
- Provides an effective barrier against particles larger than 0.005 inches.
- Maintains full functionality even in freezing temperatures.
- Features a hydrophobic (water-repellent) fabric as a standard characteristic.
- Capable of withstanding temperatures up to 450 degrees Fahrenheit.

## 2. INSTALLATION INSTRUCTIONS

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This section outlines the steps for properly installing your FILTERWEARS F220L Pre-Filter onto a compatible air filter, such as the Volant 51922 or 61505.

1. **Prepare the Main Filter:** Ensure your primary air filter is clean and completely dry before attempting to install the pre-filter.

2. **Orient the Pre-Filter:** Identify the top and bottom of the pre-filter. The FILTERWEARS logo typically faces outwards, and the securing straps are located at the base.
3. **Slide Over the Filter:** Carefully slide the FILTERWEARS F220L Pre-Filter over your main air filter. Due to its engineered snug fit, this process may require gentle manipulation and patience. Work the pre-filter down evenly until it fully covers the main filter element.
4. **Secure the Base:** Once the pre-filter is fully seated, utilize the integrated straps at the base to secure it around the main filter's housing or base, if applicable. This action ensures a tight fit and prevents the pre-filter from shifting during operation.
5. **Final Check:** Visually verify that the pre-filter is evenly distributed and securely in place, providing complete coverage of the main air filter's surface.



Image: The FILTERWEARS F220L Pre-Filter shown installed over an oval-shaped air filter, demonstrating its snug fit and protective coverage.

### 3. MAINTENANCE AND CARE

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Regular maintenance of your FILTERWEARS F220L Pre-Filter is crucial for ensuring optimal performance and extending the longevity of both the pre-filter and your main air filter.

1. **Inspection:** Periodically inspect the pre-filter for signs of excessive dirt accumulation, debris, or any physical damage. The frequency of inspection should be adjusted based on your specific operating conditions and environment.

2. **Cleaning:** When the pre-filter appears visibly dirty, it can be cleaned using the following steps:
  - Carefully remove the pre-filter from the main air filter.
  - Gently shake off any loose dirt or debris.
  - Rinse the pre-filter thoroughly with water. For heavily soiled filters, a mild, non-abrasive soap can be used, but ensure it is completely rinsed out afterward.
  - Avoid using harsh chemicals, solvents, or abrasive brushes, as these can compromise the water-repellent coating and fabric integrity.
3. **Drying:** Allow the pre-filter to air dry completely before re-installing it. Do not use artificial heat sources such as clothes dryers, hair dryers, or direct sunlight, as excessive heat may damage the fabric and its protective properties.
4. **Re-installation:** Once the pre-filter is fully dry, re-install it by following the steps detailed in Section 2, "Installation Instructions."



Image: A FILTERWEARS pre-filter being rinsed under running water in a sink, illustrating the recommended cleaning process for the water-repellent fabric.

## 4. TROUBLESHOOTING

This section addresses common issues you might encounter with your FILTERWEARS F220L Pre-Filter and provides potential solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pre-filter does not fit over the main filter.	Incorrect pre-filter model or main filter size incompatibility.	Verify that your main air filter is a Volant 51922 or 61505, or a compatible oval straight filter. Ensure the pre-filter is oriented correctly. A tight fit is normal and beneficial for optimal performance.
Pre-filter appears to be allowing dirt to pass through.	Pre-filter is damaged, improperly installed, or excessively dirty.	Inspect the pre-filter for any tears, holes, or signs of wear. Re-install to ensure a snug and complete fit over the main filter. Clean the pre-filter if it is heavily soiled. If damaged, replace the pre-filter.
Water is not repelled effectively.	Damage to the hydrophobic coating or excessive dirt buildup.	Clean the pre-filter thoroughly following the instructions in Section 3. If the issue persists after cleaning, the water-repellent coating may be compromised, and replacement of the pre-filter might be necessary.

## 5. SPECIFICATIONS

Detailed technical specifications for the FILTERWEARS F220L Pre-Filter.

- **Model:** F220L
- **Material:** 100% Monofilament Polyester
- **Finish:** Water Repellent (Hydrophobic)
- **Shape:** Oval Straight, Closed Top
- **Color:** Blue (as per product variant)
- **Compatibility:** Specifically designed for Volant 51922 and 61505 filters
- **Particle Filtration:** Forms an effective barrier for particles larger than 0.005 inches
- **Heat Resistance:** Capable of withstanding temperatures up to 450 degrees Fahrenheit
- **Weight:** Approximately 2 ounces (0.057 kg)
- **Manufacturer:** FILTERWEARS
- **Country of Origin:** Made in the USA



Image: A clear front view of the FILTERWEARS F220L Pre-Filter, highlighting its blue color and the brand logo.

## 6. WARRANTY AND SUPPORT

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For specific warranty information regarding your FILTERWEARS F220L Pre-Filter, please refer to the documentation provided with your original purchase or visit the official FILTERWEARS website. For technical support, product inquiries, or further assistance, please contact FILTERWEARS customer service directly through their official channels.

As this product is from a small business brand, your support is greatly valued. Please consult the manufacturer's official website or product packaging for the most current contact details and support resources.