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> Wagner 0515417 Inlet Filter User Manual

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Wagner 0515417 Inlet Filter User Manual

Model: 0515417

PRODUCT OVERVIEW

The Wagner 0515417 Inlet Filter is an essential component designed for use with Wagner paint sprayers. Its primary function is to prevent foreign particles from entering the pump and blocking spray tips, ensuring smooth and consistent operation of your paint sprayer.



Figure 1: The Wagner 0515417 Inlet Filter. This image shows the translucent, D-shaped filter with a central support structure and a fine mesh pattern designed to trap debris.

SETUP AND INSTALLATION

Proper installation of the inlet filter is crucial for the optimal performance and longevity of your paint sprayer. Always refer to your specific paint sprayer's manual for detailed instructions regarding filter placement.

- Preparation:** Ensure your paint sprayer is turned off and disconnected from any power source. Relieve any pressure in the system.
- Locate Inlet:** Identify the inlet port on your Wagner paint sprayer. This is typically where the paint is drawn into the pump from the paint container.
- Insert Filter:** Carefully insert the Wagner 0515417 filter into the inlet port. Ensure it is seated correctly and securely to prevent bypass of unfiltered material. The D-shape of the filter is designed for a specific orientation.
- Secure Connection:** If applicable, reattach any components that were removed to access the inlet, such as the suction tube or hose.

Note: The filter is designed to fit snugly. Do not force it, as this may cause damage to the filter or the sprayer.

OPERATING CONSIDERATIONS

While the filter itself does not directly affect the operation of the sprayer beyond its filtering function, its presence is vital for proper performance.

- Continuous Filtration:** The inlet filter continuously screens paint or other materials as they are drawn into the sprayer, preventing clogs in the pump and spray tip.
- Material Compatibility:** This filter is designed for use with standard paint and coating materials compatible with Wagner paint sprayers. For highly viscous or abrasive materials, consult your sprayer's manual for specific filter recommendations.
- Regular Inspection:** Periodically inspect the filter during operation, especially if you notice a decrease in spray performance or inconsistent flow.

MAINTENANCE

Regular cleaning and inspection of the inlet filter are essential to maintain the efficiency and lifespan of your paint sprayer.

- After Each Use:** After each painting session, remove the inlet filter.
- Cleaning:** Clean the filter thoroughly with the appropriate cleaning solution for the material you were spraying (e.g., water for latex paint, mineral spirits for oil-based paint). Use a soft brush if necessary to remove stubborn debris from the mesh.
- Inspection:** Inspect the filter for any signs of wear, tears, or damage to the mesh. A damaged filter will not effectively prevent particles from entering the pump.
- Replacement:** Replace the filter if it shows signs of damage, excessive wear, or if it cannot be cleaned effectively. A clogged or damaged filter can lead to poor spray patterns and pump damage.

Tip: Having a spare filter on hand can prevent downtime during a project.

TROUBLESHOOTING

Issues related to the inlet filter often manifest as problems with paint flow or sprayer performance.

Problem	Possible Cause	Solution
Reduced or No Paint Flow	Clogged inlet filter	Remove and clean the filter. Replace if cleaning is ineffective or if damaged.

Problem	Possible Cause	Solution
Inconsistent Spray Pattern	Partially clogged filter or debris bypassing filter	Clean or replace filter. Ensure filter is properly seated in the inlet.
Pump Damage/Malfunction	Filter not installed or damaged, allowing large particles into pump	Always use a functional inlet filter. If pump is damaged, consult a qualified technician.

SPECIFICATIONS

- **Model Number:** 0515417
- **Brand:** Wagner
- **Part Number:** 515417
- **Item Weight:** Approximately 0.01 ounces (0.00028 kg)
- **Package Dimensions:** 2.794 H x 9.398 L x 8.636 W centimetres
- **UPC:** 024964170463
- **Country of Origin:** China
- **Primary Function:** Prevents pump and spray tips blocking due to particles entering the pump.

WARRANTY AND SUPPORT

For specific warranty information regarding the Wagner 0515417 Inlet Filter, please refer to the documentation provided with your Wagner paint sprayer or visit the official Wagner website. This filter is a consumable part, and its lifespan depends on usage and maintenance.

For technical support or inquiries about replacement parts, please contact Wagner customer service directly. Contact information can typically be found on the Wagner website or in your product's original manual.

Manufacturer: Wagner Spraytech

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