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Briggs & Stratton 5048K

Briggs & Stratton 5048K Air Filter Cartridge Instruction Manual

Model: 5048K

Image 0.1: Banner indicating genuine Briggs & Stratton OEM parts.

1. Product Overview

This manual provides instructions for the Briggs & Stratton 5048K Air Filter Cartridge. This genuine replacement part is designed to maintain optimal engine performance by ensuring clean air intake. It includes both the air filter and a pre-cleaner.
The 5048K replaces Briggs & Stratton service part numbers #399806S (air filter) and #271962S (pre-cleaner).

2. Compatibility

The Briggs & Stratton 5048K Air Filter Cartridge is compatible with 10 through 12 horsepower vertical crankshaft engines.
Always verify your engine's specific requirements against the part numbers #399806S and #271962S to ensure correct fitment.

3. Installation (Setup)

Proper installation of the air filter is crucial for engine protection and performance. Follow these general steps for replacement:

1. **Safety First:** Ensure the engine is turned off and cool. Disconnect the spark plug wire to prevent accidental starting.
2. **Locate Air Filter Housing:** Identify the air filter housing on your engine. It is typically a plastic or metal cover secured with clips or screws.
3. **Remove Cover:** Unfasten the clips or screws and carefully remove the air filter housing cover.
4. **Remove Old Filter:** Take out the old air filter cartridge and pre-cleaner. Note their orientation for correct installation of the new parts.
5. **Clean Housing:** Inspect the air filter housing for any debris, dust, or dirt. Clean it thoroughly before installing the new filter.
6. **Install New Filter:** Place the new Briggs & Stratton 5048K air filter cartridge into the housing. Ensure the pre-

cleaner foam is correctly positioned around the filter element.

7. **Secure Cover:** Reattach the air filter housing cover, ensuring it is properly sealed and secured with the clips or screws.
8. **Reconnect Spark Plug:** Reconnect the spark plug wire.



Image 3.1: The Briggs & Stratton 5048K Air Filter Cartridge, showing the green foam pre-cleaner wrapped around the main filter element within a blue frame.



Image 3.2: A Briggs & Stratton air filter element shown alongside its green foam pre-cleaner, ready for assembly or installation.

4. Maintenance

Regular inspection and replacement of the air filter are essential for engine longevity and efficiency. A dirty air filter can restrict airflow, leading to reduced engine power, increased fuel consumption, and potential engine damage.

- **Inspection Frequency:** Inspect the air filter every 25 hours of operation or annually, whichever comes first. In dusty conditions, inspect more frequently.
- **Cleaning the Pre-Cleaner:** The foam pre-cleaner can often be cleaned. Remove it from the main filter, wash it in warm water with mild detergent, rinse thoroughly, and allow it to air dry completely before reinstallation. Do not oil the pre-cleaner for this specific filter type unless explicitly stated in your engine's manual.
- **Replacing the Filter:** Replace the entire air filter cartridge (including the pre-cleaner) if it appears heavily soiled, damaged, or cannot be cleaned effectively.



Image 4.1: A standalone green foam pre-cleaner, which wraps around the main air filter element to capture larger debris.



Image 4.2: The main air filter element with its blue frame, designed to filter fine particles from the air intake.

5. Troubleshooting

If your engine experiences issues related to air intake, consider the following:

- **Reduced Engine Power:** A clogged air filter can significantly reduce engine power. Inspect and replace if necessary.
- **Increased Fuel Consumption:** An engine struggling to draw air through a dirty filter may consume more fuel.
- **Engine Misfires or Stalls:** Severe air restriction can cause the engine to run poorly, misfire, or stall.
- **Visible Dirt/Debris:** If the filter or pre-cleaner shows visible signs of heavy dirt, dust, or damage, it requires immediate attention.

Always refer to your engine's specific owner's manual for detailed troubleshooting steps and maintenance schedules.

6. Specifications

Feature	Detail

Feature	Detail
Brand	Briggs & Stratton
Model Number	5048K
OEM Part Number	5048K
Replaces Part Numbers	#399806S (Air Filter), #271962S (Pre-Cleaner)
Engine Compatibility	10-12 Horsepower Vertical Crankshaft Engines
Product Dimensions	2.8 x 5.7 x 13 inches
Item Weight	10.2 ounces
UPC	024847900293, 885474241148

7. Warranty and Support

This product is a genuine Briggs & Stratton part, ensuring quality and compatibility with specified engines.
For further assistance, technical support, or to explore other genuine Briggs & Stratton parts, please visit the official Briggs & Stratton Store.
Important Note: This item is a closeout product. Returns will not be honored, and there is a limit of 1 per order. Please verify compatibility before purchase.

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