

## ProFlo PF74VBKIT

# PROFLO PF74VBKIT Vacuum Breaker Repair Kit User Manual

Brand: ProFlo | Model: PF74VBKIT

## 1. INTRODUCTION AND OVERVIEW

This manual provides comprehensive instructions for the PROFLO PF74VBKIT Vacuum Breaker Repair Kit. This kit is specifically designed for use with PROFLO PF73 and PF74 Series spigots and faucets. It contains essential components required to repair or replace the vacuum breaker mechanism, ensuring proper function and preventing backflow in your plumbing system. Adhering to these instructions will help maintain the integrity and safety of your water supply.

## 2. SAFETY INFORMATION

- Always turn off the main water supply to the spigot or faucet before beginning any repair work.
- Wear appropriate personal protective equipment, such as safety glasses, to protect against splashes or debris.
- Ensure the work area is well-lit and clear of obstructions.
- If you are unsure about any step or encounter difficulties, consult a qualified plumber.
- Handle small parts carefully to avoid loss.

## 3. PACKAGE CONTENTS

The PROFLO PF74VBKIT includes the following components:

- Vacuum Breaker Cap (large, beige, star-shaped)
- Vacuum Breaker Stem (white plastic with splines)
- Rubber Washer/Seal (small, black)
- Retaining Screw (small, brass)
- Lower Threaded Cap (small, beige, threaded)



This image displays all the components included in the PROFLO PF74VBKIT. From left to right, it shows the large beige vacuum breaker cap, a small brass screw, a tiny black rubber washer, a white plastic stem with splines, and a smaller beige threaded cap.

## 4. INSTALLATION INSTRUCTIONS

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Follow these steps to install the PROFLO PF74VBKIT Vacuum Breaker Repair Kit:

1. **Turn Off Water Supply:** Locate the main water shut-off valve for the spigot or faucet and turn it off completely. Open the spigot to drain any remaining water.
2. **Remove Old Vacuum Breaker:** Carefully unscrew and remove the existing vacuum breaker cap and any internal components from the spigot. Note the order of the parts as you remove them.
3. **Clean the Area:** Thoroughly clean the threads and the opening of the spigot where the vacuum breaker sits. Remove any debris, mineral deposits, or old sealant.
4. **Assemble New Components:**
  - Place the small black rubber washer onto the white plastic vacuum breaker stem.
  - Insert the brass retaining screw into the top of the white plastic stem.
5. **Install New Vacuum Breaker:** Insert the assembled stem and screw into the main beige vacuum breaker cap.

6. **Attach to Spigot:** Carefully thread the lower threaded cap onto the spigot's outlet. Ensure it is hand-tightened first, then use channel locks for a snug fit, being careful not to overtighten. For an enhanced seal, a small amount of plumber's putty can be applied to the threads before tightening.
7. **Secure the Main Cap:** Place the main beige vacuum breaker cap over the lower threaded cap and secure it.
8. **Restore Water Supply:** Slowly turn the main water supply back on.
9. **Check for Leaks:** Inspect the newly installed vacuum breaker for any signs of leaks. If leaks are present, turn off the water, re-check all connections, and ensure components are properly seated.

## 5. OPERATING THE VACUUM BREAKER

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Once installed, the vacuum breaker operates automatically to prevent backflow in your PROFLO PF73 or PF74 series spigot or faucet. It is a passive device that activates when pressure conditions could lead to contaminated water being siphoned back into the potable water supply. No manual operation is required for the vacuum breaker itself. Ensure the spigot functions normally with no leaks and that water flows freely when opened.

## 6. MAINTENANCE

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The PROFLO PF74VBKIT is designed for durability, but periodic inspection can prolong its life and ensure continued performance:

- **Visual Inspection:** Periodically check the vacuum breaker for any visible signs of wear, cracks, or damage.
- **Leak Check:** Regularly inspect the connection points for any drips or leaks, especially after periods of non-use or extreme temperature changes.
- **Cleaning:** If mineral deposits or debris accumulate around the exterior, gently clean with a soft cloth and mild soap. Avoid harsh chemicals that could damage the plastic components.
- **Winterization (if applicable):** In freezing climates, ensure outdoor spigots are properly drained and protected from frost to prevent damage to the vacuum breaker and the spigot itself.

## 7. TROUBLESHOOTING

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If you encounter issues after installing the repair kit, consider the following:

Problem	Possible Cause	Solution
Leakage after installation	Improper tightening, damaged washer, incorrect component seating, or incompatible threads.	Turn off water, re-tighten connections (do not overtighten), ensure the rubber washer is correctly seated, and consider using plumber's tape or putty on threads. Verify thread compatibility with your spigot model.
Kit does not fit spigot	Incompatible spigot model or thread size.	This kit is designed for PROFLO PF73 and PF74 Series. Verify your spigot's model number and thread specifications. Some spigots may have slightly different thread diameters (e.g., 0.795" vs 0.845" outside diameter threads).

Problem	Possible Cause	Solution
Water flow is restricted	Debris in the line, or internal components not seated correctly.	Turn off water, remove the vacuum breaker, check for any obstructions in the spigot or the vacuum breaker components. Reassemble carefully.

## 8. SPECIFICATIONS

- **Manufacturer:** PROFLO
- **Part Number:** PF74VBKIT
- **Item Weight:** Approximately 1.44 ounces (40.8 grams)
- **Product Dimensions:** Approximately 1 x 1 x 1 inches (2.54 x 2.54 x 2.54 cm)
- **Compatibility:** PROFLO PF73 and PF74 Series spigots/faucets

## 9. WARRANTY AND SUPPORT

For specific warranty information regarding your PROFLO PF74VBKIT Vacuum Breaker Repair Kit, please refer to the original product packaging or visit the official ProFlo website. Warranty terms typically cover manufacturing defects. For technical support or further assistance, please contact ProFlo customer service through their official channels. Keep your proof of purchase for any warranty claims.

**ProFlo Official Website:** [Visit the ProFlo Store on Amazon](#)