

Febco 905022

Febco 905022 Rubber Repair Kit Instruction Manual for 1-1/2" - 2" 765 PVB

INTRODUCTION

This instruction manual provides essential information for the proper installation and maintenance of the Febco 905022 Rubber Repair Kit. This kit is specifically designed for use with Febco 765 PVB (Pressure Vacuum Breaker) backflow preventers, sized 1-1/2 inches and 2 inches. Adhering to these instructions will help ensure the correct function and longevity of your backflow prevention device.

SAFETY INFORMATION

Always prioritize safety when performing plumbing work. Failure to follow safety guidelines can result in injury or property damage.

- **Turn off water supply:** Before beginning any work, ensure the main water supply to the backflow preventer is completely shut off and depressurized.
- **Wear appropriate personal protective equipment (PPE):** This includes safety glasses and gloves.
- **Depressurize the system:** Open test cocks or downstream valves to relieve any residual pressure in the device.
- **Consult a professional:** If you are unsure about any step or lack experience with plumbing repairs, consult a qualified plumber.
- **Handle parts carefully:** Rubber components can be delicate; avoid sharp objects that could damage them.

PACKAGE CONTENTS

The Febco 905022 Rubber Repair Kit typically includes the following components:

- Rubber disc
- O-rings
- Gaskets



Figure 1: Components of the Febco 905022 Rubber Repair Kit. This image displays the various rubber seals and gaskets included in the kit, essential for maintaining the integrity of the backflow preventer.

INSTALLATION INSTRUCTIONS

These instructions provide a general guide for replacing the rubber components in your Febco 765 PVB. Always refer to the specific service manual for your Febco 765 PVB model for detailed disassembly and reassembly procedures.

1. **Prepare the System:** Ensure the water supply is off and the system is depressurized as described in the Safety Information section.
2. **Disassemble the Device:** Carefully disassemble the Febco 765 PVB according to the manufacturer's service manual. This typically involves removing the bonnet and poppet assembly.
3. **Remove Old Components:** Gently remove all old rubber seals, O-rings, and gaskets from the device. Pay close attention to their original placement and orientation.
4. **Clean Surfaces:** Thoroughly clean all sealing surfaces within the backflow preventer. Remove any debris, mineral deposits, or old gasket material. Ensure surfaces are smooth and free of imperfections.
5. **Install New Components:** Install the new rubber components from the 905022 kit into their corresponding positions. Lightly lubricate O-rings with a silicone-based lubricant (safe for potable water) to aid installation and prevent pinching. Ensure all parts are seated correctly and not twisted.
6. **Reassemble the Device:** Reassemble the Febco 765 PVB, following the reverse order of disassembly. Ensure all bolts and connections are tightened to the manufacturer's specified torque settings.
7. **Restore Water Supply:** Slowly open the main water supply valve to repressurize the system.
8. **Check for Leaks:** Carefully inspect all connections and seams for any signs of leaks.

POST-INSTALLATION CHECKS

After installation, perform the following checks to ensure proper operation:

- **Visual Inspection:** Confirm there are no visible leaks from any part of the backflow preventer.
- **Functionality Test:** If equipped, perform a backflow prevention test according to local codes and manufacturer guidelines. This typically requires a certified backflow tester.
- **Pressure Check:** Verify that system pressure is stable and within normal operating parameters.

TROUBLESHOOTING

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

- **Leaks from connections:** Ensure all connections are properly tightened and that O-rings/gaskets are correctly seated and not pinched. Re-check torque specifications.
- **Continuous discharge from relief valve:** This could indicate an issue with the internal components, such as a damaged or improperly seated rubber disc or O-ring. Disassemble and inspect the components for proper installation and condition.
- **Water hammer or unusual noises:** Ensure all air has been purged from the system after repressurization.
- **Device not passing test:** If the device fails a backflow test, it may indicate an incorrect installation of the repair kit components or other internal issues. Professional inspection is recommended.

SPECIFICATIONS

Model Number	905022
Brand	Febco
Material	Rubber
Compatible Device	Febco 765 PVB
Compatible Sizes	1.5 Inches, 2 Inches
Package Dimensions	7.1 x 5 x 0.2 inches
Item Weight	0.8 ounces

WARRANTY AND SUPPORT

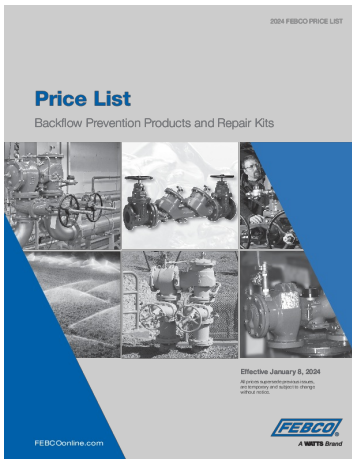
For specific warranty information or technical support regarding the Febco 905022 Rubber Repair Kit or Febco 765 PVB devices, please contact Febco directly through their official website or customer service channels. Keep your purchase receipt for warranty claims.

For further assistance, you may visit the official Febco website:www.febcoonline.com

Related Documents - 905022

	FEBCO Series 765 Pressure Vacuum Breaker Assembly: Installation, Maintenance, and Repair Manual Comprehensive guide for the FEBCO Series 765 Pressure Vacuum Breaker Assembly, covering installation, maintenance, testing procedures, troubleshooting, and parts. Features include a freeze sensor for alerts.
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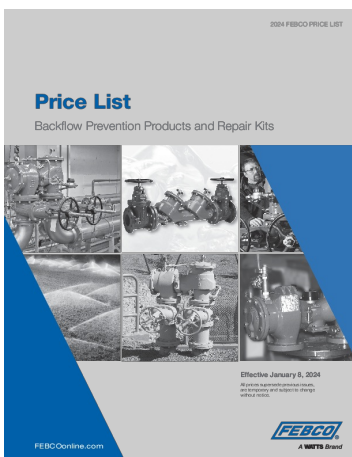
	FEBCO Series 825Y, LF825Y Reduced Pressure Zone Assemblies: Installation, Maintenance, and Repair Manual Comprehensive guide for installing, maintaining, and repairing FEBCO Series 825Y and LF825Y Reduced Pressure Zone Assemblies. Covers safety warnings, installation guidelines, service procedures, troubleshooting, flood sensor kits, and limited warranty information.
	FEBCO Series 825YA, LF825YA Reduced Pressure Zone Assemblies Installation, Maintenance, and Repair Manual Comprehensive guide for installing, maintaining, and repairing FEBCO Series 825YA and LF825YA Reduced Pressure Zone Assemblies. Includes safety warnings, installation procedures, servicing instructions, troubleshooting, and details on flood sensor connection kits for BMS and cellular communication.
	FEBCO LF860-FS & LF866-FS Reduced Pressure Zone Assemblies: Installation, Maintenance, and Repair Manual This comprehensive manual provides essential information for the installation, maintenance, and repair of FEBCO LF860-FS and LF866-FS Reduced Pressure Zone Assemblies. It includes safety warnings, installation guidelines, service procedures, troubleshooting tips, and warranty details.
	FEBCO Series 825Y, LF825Y Reduced Pressure Zone Assemblies Installation, Maintenance, and Repair Manual This manual provides comprehensive installation, maintenance, and repair instructions for FEBCO Series 825Y and LF825Y Reduced Pressure Zone Assemblies. It covers essential safety warnings, installation guidelines, service procedures, troubleshooting tips, and details on optional flood sensor connection kits for building management systems and cellular communication. The document emphasizes adherence to local codes and proper product care for optimal performance and longevity.
	MasterSeries 880V, LF880V, LF886V Installation, Maintenance, and Repair Manual Comprehensive guide for installing, maintaining, and repairing FEBCO MasterSeries 880V, LF880V, and LF886V Reduced Pressure Zone and Detector Assemblies. Includes safety, installation, troubleshooting, and service procedures.



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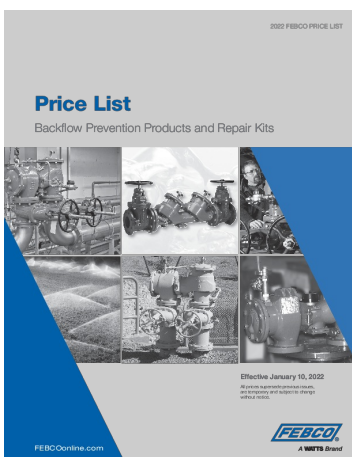
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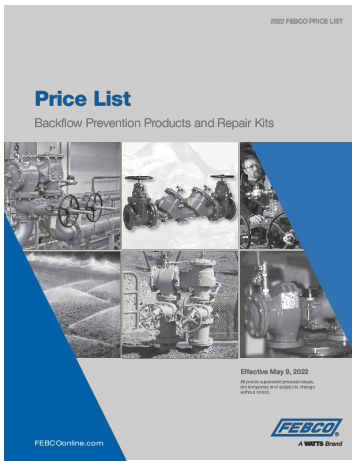
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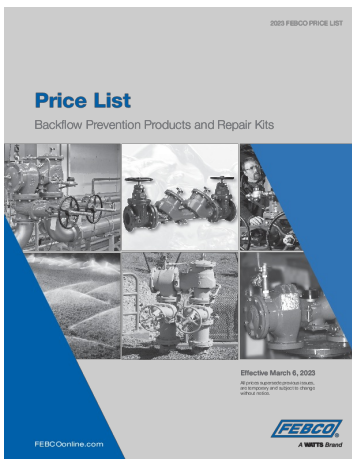


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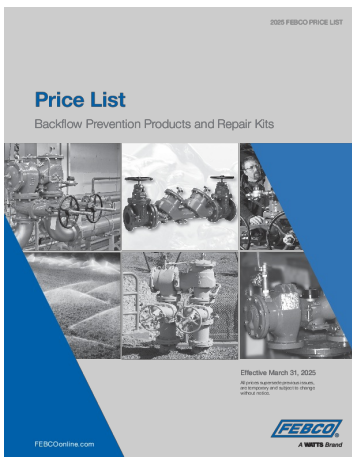


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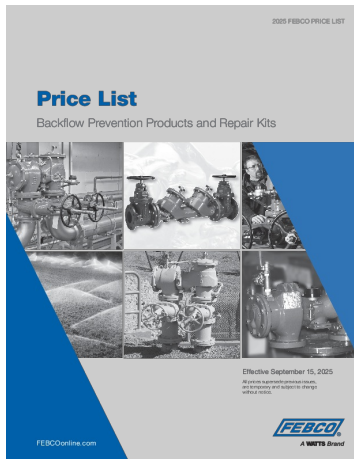


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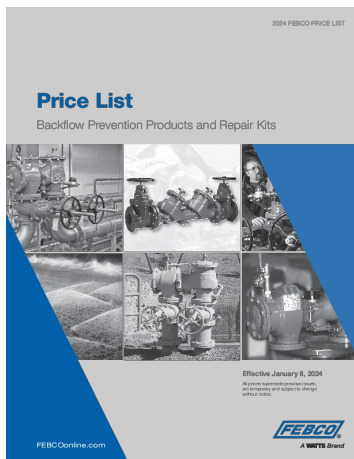


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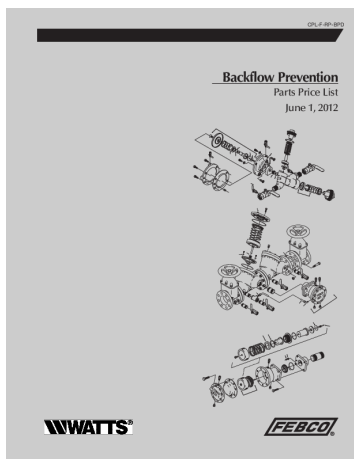


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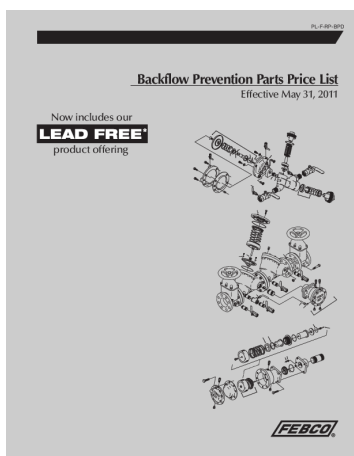


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