

## Johnson Controls V-3754-6002

# Johnson Controls V-3754-6002 1-inch Valve Recondition Kit Instruction Manual

Model: V-3754-6002 | Brand: Johnson Controls

## 1. INTRODUCTION

This manual provides detailed instructions for the proper installation, operation, and maintenance of the Johnson Controls V-3754-6002 1-inch Valve Recondition Kit. Please read this manual thoroughly before beginning any procedures to ensure safe and efficient use of the product.

The V-3754-6002 is designed to recondition a 1-inch valve, restoring its functionality and extending its service life. This kit is a replacement part for water pump systems.

## 2. SAFETY INFORMATION

### **WARNING: Proposition 65 Warning**

This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Always follow local codes and regulations. Disconnect power before servicing. Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves during installation and maintenance.

## 3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- V-3754-6002 Recondition Kit (1-inch, no cage)
- Cable (as per product specifications)
- Instruction Manual (this document)



*Image 1: Example of Johnson Controls V-3754-6002 Recondition Kit components. The kit includes various parts necessary for valve reconditioning, such as seals, gaskets, and a cable.*

## 4. SETUP AND INSTALLATION

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This section outlines the general steps for installing the recondition kit. Specific valve disassembly and reassembly procedures may vary depending on the valve model. Refer to the original valve's service manual for detailed instructions on valve removal and preparation.

### 1. Preparation:

- Ensure the system is depressurized and drained.
- Turn off all power to the valve and associated equipment.
- Gather necessary tools (e.g., wrenches, screwdrivers, sealant).

### 2. Valve Disassembly:

- Carefully disassemble the 1-inch valve according to the manufacturer's instructions.
- Remove all old seals, gaskets, and worn components.
- Clean all valve surfaces thoroughly, removing any debris or corrosion.

### 3. Kit Component Installation:

- Replace worn components with new parts from the V-3754-6002 recondition kit.
- Apply appropriate lubricants or sealants as specified by the original valve manufacturer.
- Ensure all seals and gaskets are seated correctly to prevent leaks.
- Connect the provided cable as required for the specific valve application.

### 4. Valve Reassembly:

- Reassemble the valve, ensuring all fasteners are tightened to the recommended torque specifications.
- Verify that all connections are secure.

## 5. OPERATING INSTRUCTIONS

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After the recondition kit has been installed and the valve reassembled, follow these steps to return the system to operation:

1. **System Repressurization:** Slowly repressurize the system, checking for any leaks around the valve.
2. **Power Restoration:** Restore power to the valve and associated control system.
3. **Functional Test:** Operate the valve through its full range of motion (open/close) several times to ensure smooth and proper operation. Monitor for any unusual noises or resistance.
4. **Leak Check:** Perform a final leak check under operating pressure.

## 6. MAINTENANCE

Regular maintenance helps ensure the longevity and reliable performance of the reconditioned valve.

- **Periodic Inspection:** Inspect the valve and its connections periodically for signs of wear, corrosion, or leaks. The frequency of inspection depends on the operating conditions and environment.
- **Seal Replacement:** The components in this recondition kit are designed for a specific service life. Replace the kit components again if signs of wear or leakage reappear.
- **Cleaning:** Keep the exterior of the valve clean and free from debris.

## 7. TROUBLESHOOTING

This section provides basic troubleshooting steps for common issues after installing the recondition kit.

Problem	Possible Cause	Solution
Valve leaks after reconditioning	<ul style="list-style-type: none"><li>• Improperly seated seals/gaskets</li><li>• Damaged components during installation</li><li>• Incorrect torque on fasteners</li></ul>	<ul style="list-style-type: none"><li>• Re-check seal and gasket placement.</li><li>• Inspect components for damage; replace if necessary.</li><li>• Verify fastener torque.</li></ul>
Valve does not operate smoothly	<ul style="list-style-type: none"><li>• Internal obstruction</li><li>• Improper assembly</li><li>• Cable connection issue</li></ul>	<ul style="list-style-type: none"><li>• Disassemble and inspect for debris.</li><li>• Review assembly steps.</li><li>• Check cable for proper connection and integrity.</li></ul>

If issues persist, contact a qualified technician or Johnson Controls customer support.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	V-3754-6002
Brand	Johnson Controls
Description	1-inch Valve Recondition Kit (No Cage)
Item Weight	4 pounds (1.81 kg)
Included Components	Cable
ASIN	B00EKIXQ1I

## 9. WARRANTY AND SUPPORT

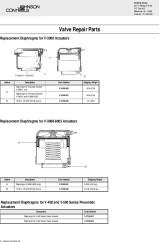
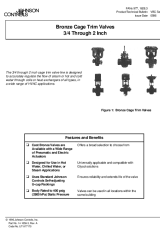
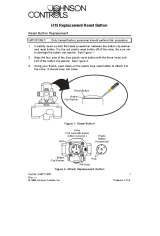
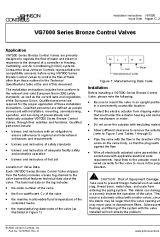

For warranty information or technical support regarding the Johnson Controls V-3754-6002 recondition kit, please contact Johnson Controls directly or refer to their official website. Keep your purchase receipt for warranty claims.

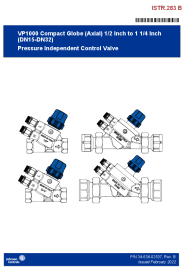
**Manufacturer:** Johnson Controls, Inc.

**Website:** [www.johnsoncontrols.com](http://www.johnsoncontrols.com) (Note: This is a general link and may not lead directly to product support.)

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## Related Documents - V-3754-6002

	<p><a href="#">Johnson Controls Valve Repair Parts Catalog</a></p> <p>Comprehensive catalog detailing replacement parts, including diaphragms, spring kits, packing kits, recondition kits, and other components for a wide range of Johnson Controls pneumatic and electric valves.</p>
	<p><a href="#">Johnson Controls Bronze Cage Trim Valves: 3/4 to 2 Inch Product Guide</a></p> <p>Comprehensive technical guide for Johnson Controls Bronze Cage Trim Valves (3/4 to 2 Inch), detailing features, pneumatic and electric actuator options, specifications, operation, installation, and repair parts for HVAC applications.</p>
	<p><a href="#">H15 Replacement Reset Button - Johnson Controls Instructions</a></p> <p>Step-by-step instructions for replacing the reset button on the Johnson Controls H15 valve. Includes important safety information and detailed descriptions of diagrams.</p>
	<p><a href="#">VG7000 Series Bronze Control Valves Installation Guide</a></p> <p>Comprehensive installation instructions and technical specifications for the Johnson Controls VG7000 Series Bronze Control Valves, designed for regulating water and steam in HVAC systems. Includes valve dimensions, materials, and operating parameters.</p>
	<p><a href="#">Johnson Controls Inducer Replacement Kit S1-32642583000 Installation Instructions</a></p> <p>Detailed installation instructions for the Johnson Controls Inducer Replacement Kit S1-32642583000, including steps, important notes, warnings, and a table matching furnace models to the correct combustion blower restrictor part numbers.</p>

	<p><a href="#"><u>VP1000 Compact Globe (Axial) Control Valve Installation Guide</u></a></p> <p>Installation guide for the Johnson Controls VP1000 Compact Globe (Axial) control valve, covering sizes 1/2 Inch to 1 1/4 Inch (DN15-DN32). Provides technical specifications, mounting instructions, and maintenance information.</p>
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