

Robertshaw 7000MVRLC-LP

Robertshaw 7000MVRLC-LP Propane Gas Valve Instruction Manual

Model: 7000MVRLC-LP | Part Numbers: SRV25812, 0.885.001 | Brand: Robertshaw

1. IMPORTANT SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

This gas valve is designed for use with propane gas systems. Installation and service must be performed by a qualified installer, service agency, or gas supplier. Failure to follow these instructions could result in fire or explosion, causing property damage, personal injury, or loss of life.

- Always shut off the gas supply before performing any service or maintenance.
- Verify that the gas type (propane) matches the valve's specifications.
- Check all gas connections for leaks using a non-corrosive leak detection solution after installation.
- Do not attempt to repair or modify the valve. Contact a qualified technician for service.

This product is certified by CSA and UL, indicating compliance with recognized safety standards.

2. PRODUCT OVERVIEW

The Robertshaw 7000MVRLC-LP is an OEM propane gas valve designed for various heating applications, including fireplaces and stoves. It features a compact design with 3/8" NPT inlet and outlet connections and a manual control knob for ON, OFF, and PILOT settings.

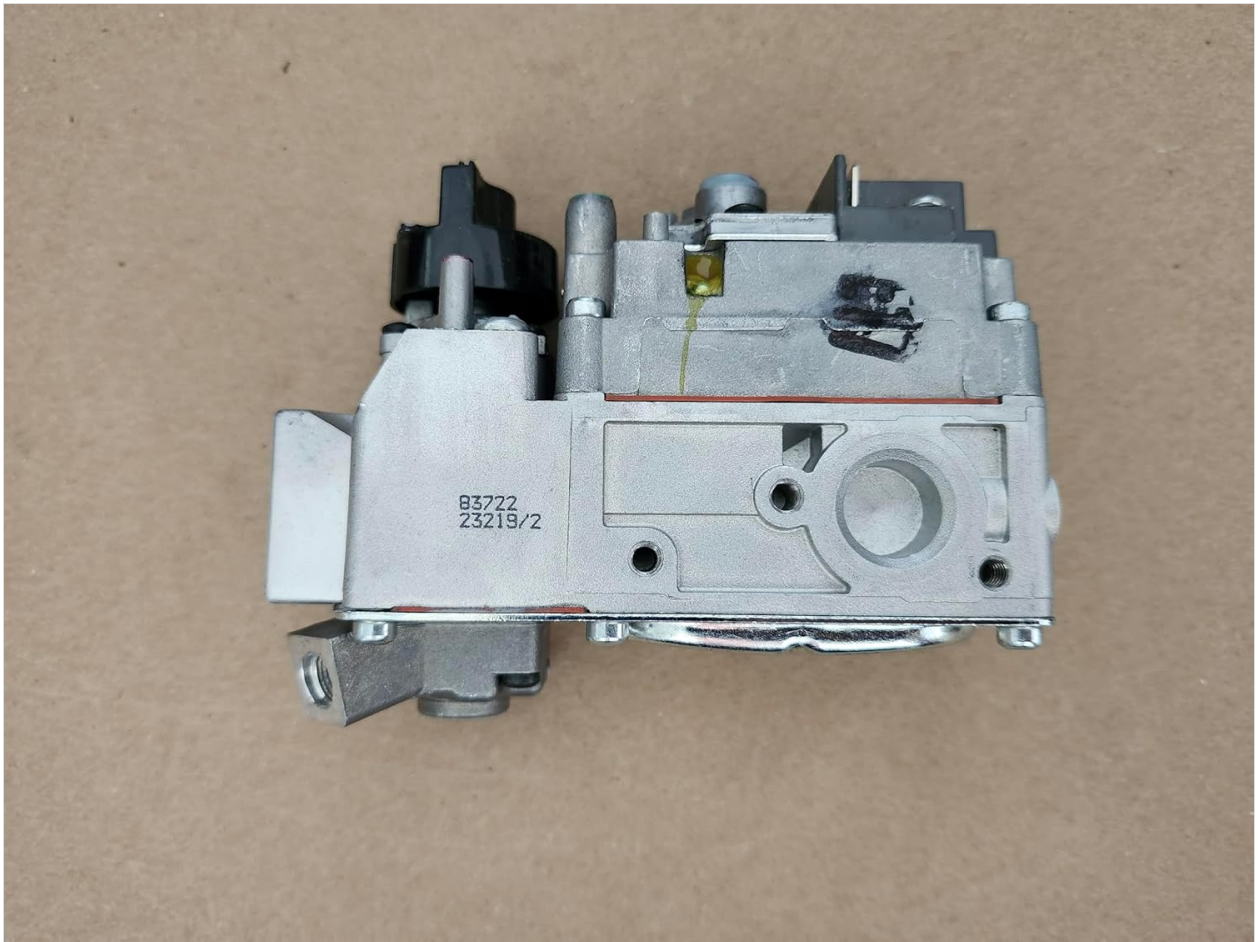


Figure 1: Side view of the Robertshaw 7000MVRLC-LP Propane Gas Valve, showing the main body and connection points.

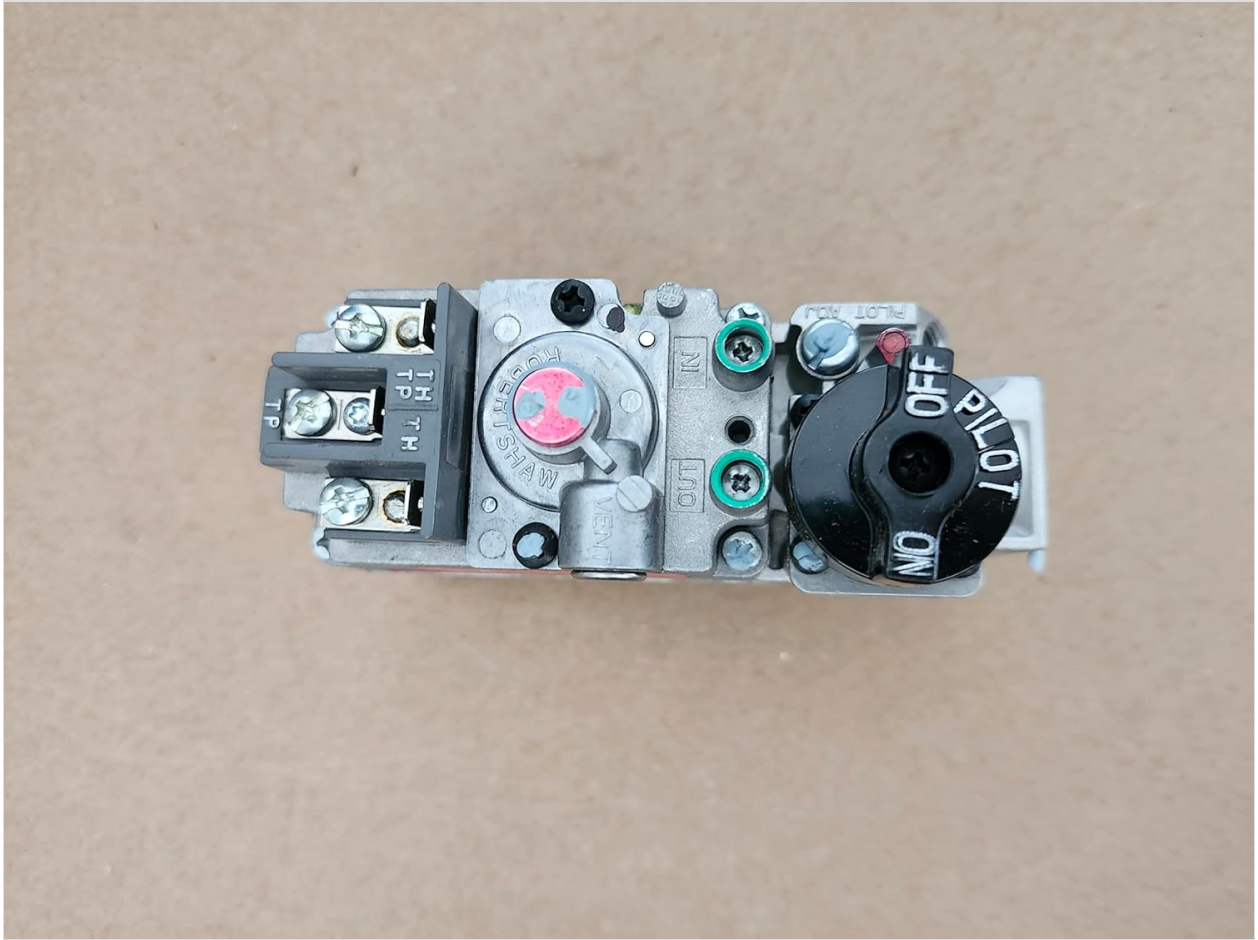


Figure 2: Top view of the gas valve, highlighting the ON/OFF/PILOT control knob and pilot adjustment screw.

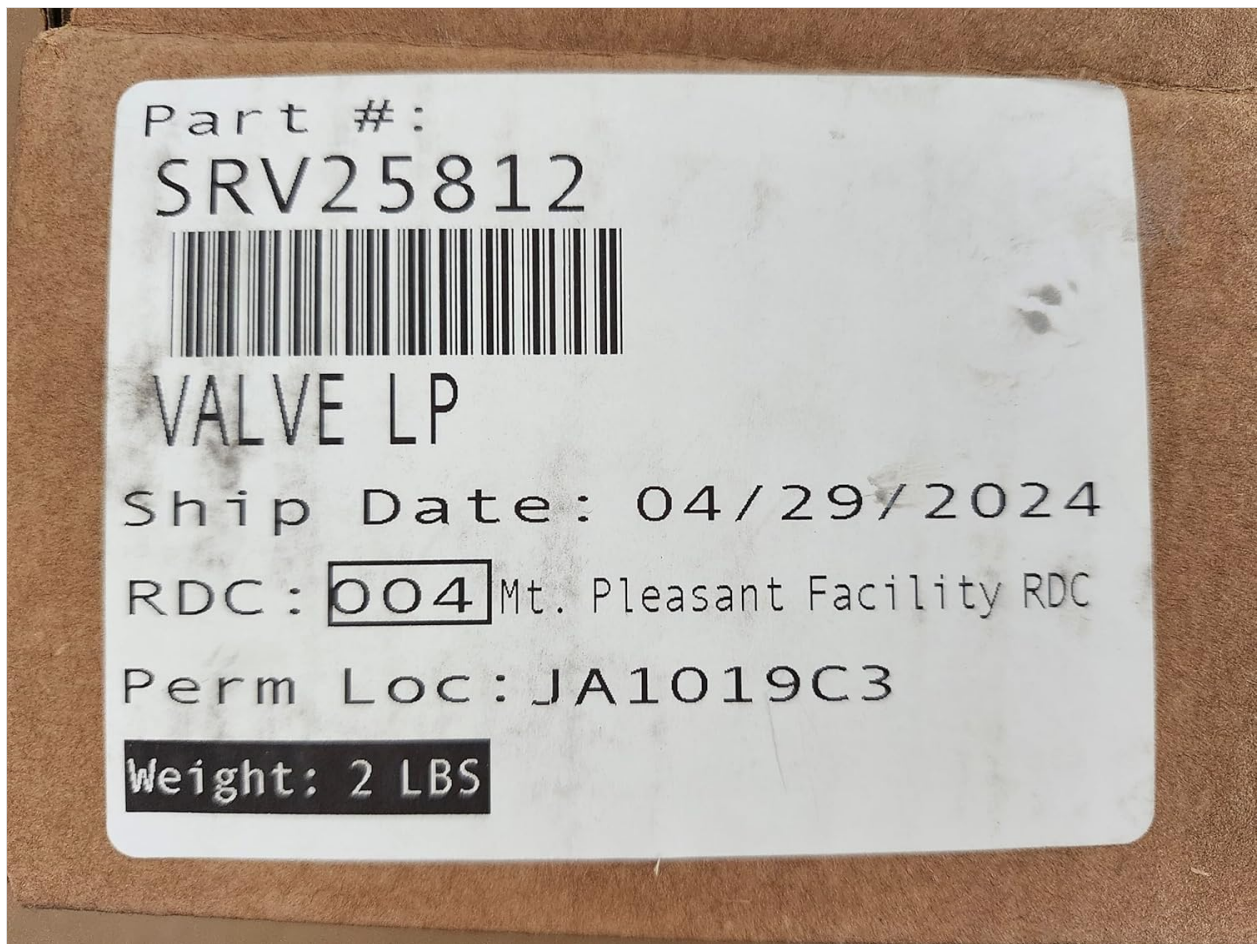


Figure 3: Product label indicating part number SRV25812 for the valve.

3. SETUP AND INSTALLATION

Installation of this gas valve should only be performed by a qualified and licensed technician in accordance with all local codes and regulations.

3.1 Pre-Installation Checks

- Ensure the gas supply is turned off at the main valve.
- Verify that the new valve matches the specifications of the old valve and the appliance requirements.
- Inspect the valve for any visible damage before installation.

3.2 Mounting the Valve

1. Mount the valve securely in the designated location within the appliance, ensuring it is level and stable.
2. Ensure adequate clearance for gas lines and controls.

3.3 Gas Line Connections

1. Apply appropriate pipe thread sealant (suitable for propane gas) to the male threads of the gas lines.
2. Connect the 3/8" NPT inlet gas line to the valve's inlet port.
3. Connect the 3/8" NPT outlet gas line to the valve's outlet port.
4. Tighten all connections firmly but do not overtighten.
5. Connect any pilot or thermocouple lines as per the appliance manufacturer's instructions.

3.4 Leak Testing

1. Slowly turn on the main gas supply.
2. Apply a non-corrosive leak detection solution to all gas connections.
3. Bubbles indicate a leak. If a leak is detected, immediately shut off the gas supply, tighten the connection, and re-test. Repeat until no leaks are present.

4. OPERATING INSTRUCTIONS

The Robertshaw 7000MVRLC-LP valve features a manual control knob with three positions: OFF, PILOT, and ON.

1. **To Turn On Pilot:** Rotate the control knob to the PILOT position. Press and hold the knob while lighting the pilot flame. Continue to hold for approximately 30-60 seconds to allow the thermocouple to heat up and hold the pilot flame. Release the knob slowly. If the pilot goes out, repeat the process.
2. **To Turn On Main Burner:** Once the pilot is lit and stable, rotate the control knob to the ON position. The main burner should ignite.
3. **To Turn Off:** Rotate the control knob to the OFF position. This will shut off both the main burner and the pilot flame.

4.1 Pilot Adjustment

If the pilot flame requires adjustment, locate the pilot adjustment screw (refer to Figure 2). Using a small screwdriver, turn the screw clockwise to decrease the pilot flame size or counter-clockwise to increase it. Adjust for a stable, blue pilot flame that adequately impinges on the thermocouple.

5. MAINTENANCE

Regular maintenance ensures the safe and efficient operation of your gas valve. All maintenance procedures should be performed by a qualified technician.

- **Annual Inspection:** Have a qualified technician inspect the gas valve and all gas connections annually for wear, corrosion, and proper operation.
- **Cleaning:** Keep the exterior of the valve clean and free from dust and debris. Do not use harsh chemicals or abrasive cleaners.
- **Do Not Lubricate:** The valve is factory-lubricated and does not require additional lubrication.

CAUTION: Do not attempt to disassemble the valve. Internal components are not user-serviceable.

6. TROUBLESHOOTING

If you experience issues with your gas valve, refer to the following common troubleshooting steps. For persistent problems, contact a qualified service technician.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pilot will not light or stay lit.	No gas supply. Thermocouple not heating properly. Pilot orifice clogged. Control knob not held long enough.	Check main gas supply. Adjust pilot flame; ensure it engulfs the thermocouple. Clean pilot orifice (by technician). Hold knob for 30-60 seconds.
Main burner does not ignite.	Pilot not lit. Control knob not in ON position. Faulty thermopile/thermocouple.	Light pilot first. Rotate knob to ON. Consult technician for replacement.
Gas odor detected.	Gas leak.	IMMEDIATELY shut off gas supply, ventilate area, and call gas company/qualified technician. Do not operate electrical switches or phones.

7. SPECIFICATIONS

- **Model Number:** 7000MVRLC-LP (Robertshaw), 25812 (HHT SRV), 0.885.001 (Manufacturer Part Number)
- **Gas Type:** Propane Gas (LP)
- **Inlet/Outlet Thread Type:** 3/8" NPT
- **Number of Ports:** 2
- **Material:** Brass
- **Exterior Finish:** Silver
- **Valve Type:** Globe Valve
- **Item Dimensions (L x W x H):** Approximately 6 x 4 x 2 inches
- **Item Weight:** Approximately 16 ounces (1 lb)
- **Certifications:** CSA, UL
- **UPC:** 615629102402

8. WARRANTY INFORMATION

Specific warranty details for the Robertshaw 7000MVRLC-LP Propane Gas Valve are typically provided by the original manufacturer (Robertshaw) or the seller at the time of purchase. Please refer to your purchase documentation or contact the seller directly for information regarding warranty coverage, terms, and conditions.

9. SUPPORT

For technical assistance, installation questions, or troubleshooting beyond the scope of this manual, please contact a qualified HVAC technician or the original seller/distributor of the product. When contacting support, please have your model number (7000MVRLC-LP) and part numbers (SRV25812, 0.885.001) available.

For general inquiries about Robertshaw products, you may visit the official Robertshaw website.