

## Watts LF26A

# Watts LF26A Water Pressure Regulator Valve User Manual

Model: LF26A

## INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Watts LF26A Water Pressure Regulator Valve. Please read this manual thoroughly before installation and keep it for future reference. This valve is designed to reduce incoming water pressure to a safe and functional level for residential and light commercial applications, protecting plumbing systems and fixtures from high pressure damage.

## PRODUCT OVERVIEW AND FEATURES

The Watts LF26A is a high-quality water pressure regulator valve engineered for reliable performance and durability. Key features include:

- **Lead-Free Brass Body:** Constructed from durable lead-free brass for safe potable water applications.
- **Adjustable Pressure Range:** Allows for precise adjustment of outlet pressure from 1 to 25 psi.
- **FIP Connections:** Features 3/8 inch Female Iron Pipe (FIP) connections for easy installation.
- **NSF Approved:** Certified to meet NSF standards for water quality and safety.
- **Compact Design:** Efficient design with dimensions of 2.3 x 2.3 x 5.1 inches.
- **High Maximum Pressure:** Capable of handling maximum inlet pressures up to 300 psi.
- **Temperature Rating:** Suitable for water temperatures up to 140 degrees F.



Figure 1: Watts LF26A Water Pressure Regulator Valve. This image displays the valve's brass body, the FIP threaded connections on the side, and the pressure adjustment screw located at the top of the brown housing.

## SAFETY INFORMATION

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Always observe the following safety precautions during installation and maintenance:

- Ensure water supply is shut off and pressure is relieved before beginning any work.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves.
- Do not exceed the maximum operating pressure or temperature specified for the valve.
- If you are unsure about any step, consult a qualified plumber.
- Comply with all local plumbing codes and regulations.

## INSTALLATION

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### Pre-Installation Checklist:

- Verify that the valve model (LF26A) and size (3/8 inch) are correct for your application.
- Ensure you have the necessary tools: pipe wrenches, thread sealant (Teflon tape or pipe dope), and a pressure gauge.

- Inspect the valve for any visible damage before installation.

## Installation Steps:

1. **Shut Off Water Supply:** Locate the main water shut-off valve for your property and turn it off.
2. **Drain System:** Open a faucet at the lowest point in your system to drain water and relieve pressure.
3. **Select Location:** Install the pressure regulator valve in an accessible location, typically after the main shut-off valve and before any branch lines. Ensure there is sufficient space for future maintenance.
4. **Prepare Connections:** Apply appropriate thread sealant (Teflon tape or pipe dope) to the male threads of the pipes connecting to the valve.
5. **Install Valve:** Orient the valve according to the flow arrow cast on its body. The arrow must point in the direction of water flow. Thread the valve onto the pipes, tightening securely with pipe wrenches. Avoid overtightening.
6. **Install Pressure Gauge (Recommended):** For accurate pressure monitoring, install a pressure gauge downstream of the regulator.
7. **Restore Water Supply:** Slowly open the main water shut-off valve. Check for leaks at all connections.
8. **Purge Air:** Open faucets throughout the system to purge air until water flows smoothly.

## OPERATION

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The Watts LF26A valve is factory preset to a nominal pressure. Adjustment may be necessary to achieve the desired system pressure.

### Adjusting Outlet Pressure:

1. Ensure a pressure gauge is installed downstream of the valve for accurate readings.
2. To **increase** the outlet pressure, turn the adjustment screw (located on top of the valve) *clockwise*.
3. To **decrease** the outlet pressure, turn the adjustment screw *counter-clockwise*.
4. Make small adjustments (e.g., quarter turns) and observe the pressure gauge. Allow the system pressure to stabilize after each adjustment.
5. Once the desired pressure is set, ensure the locknut (if present) is tightened to secure the setting.

The adjustable pressure range for this model is 1 to 25 psi.

## MAINTENANCE

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Regular maintenance helps ensure the longevity and optimal performance of your pressure regulator valve.

- **Annual Inspection:** Annually inspect the valve for any signs of leaks, corrosion, or external damage.
- **Pressure Verification:** Periodically check the outlet pressure using a pressure gauge to ensure it remains at the desired setting. Fluctuations may indicate a need for adjustment or service.
- **Cleaning:** The exterior of the valve can be wiped clean with a damp cloth. Do not use harsh chemicals. Internal cleaning or servicing should only be performed by a qualified professional.
- **Winterization:** In areas subject to freezing temperatures, ensure the valve and associated piping are adequately protected from freezing. Drain the system if it will be out of service for an extended period.

in freezing conditions.

### TROUBLESHOOTING

If you experience issues with your Watts LF26A pressure regulator valve, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No pressure reduction or high outlet pressure.	Valve set too high; debris in valve; worn internal components.	Adjust pressure setting counter-clockwise; flush system; consult professional for repair/replacement.
Low or fluctuating outlet pressure.	Valve set too low; insufficient inlet pressure; debris in valve; worn internal components.	Adjust pressure setting clockwise; check main water supply pressure; flush system; consult professional.
Water leaking from valve body or connections.	Loose connections; damaged threads; faulty seals/gaskets; cracked valve body.	Tighten connections; re-apply thread sealant; replace seals/gaskets; replace valve if cracked.
No water flow through valve.	Valve completely closed; significant debris blockage; incorrect installation (e.g., backward).	Check adjustment setting; flush system; verify flow arrow direction; consult professional.

For issues not listed or if solutions do not resolve the problem, it is recommended to contact a qualified plumbing professional or Watts customer support.

### SPECIFICATIONS

Attribute	Value
Model Number	LF26A
Body Material	Lead Free Brass
Inlet Size	3/8 inch
Outlet Size	3/8 inch
Connection Type	FIP (Female Iron Pipe)
Pressure Adjustment Range	1 to 25 psi
Maximum Inlet Pressure	300 psi
Maximum Temperature	140°F (60°C)
Product Dimensions (L x W x H)	2.3 x 2.3 x 5.1 inches
Weight	1 Pound
Application	Water
Certifications	NSF Approved

Attribute	Value
Manufacturer	CAI - WATTS


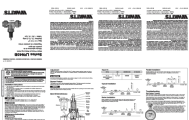



### WARRANTY AND SUPPORT

Warranty information for the Watts LF26A Water Pressure Regulator Valve is typically provided with the product packaging or can be obtained directly from the manufacturer, Watts. Please refer to the official Watts website or contact their customer service for detailed warranty terms and conditions.

For technical support, replacement parts, or further assistance, please contact Watts customer service or visit their official website. When contacting support, please have your product model number (LF26A) and purchase details readily available.

**Watts Official Website:** [www.watts.com](http://www.watts.com)

### Related Documents - LF26A

	<p><a href="#">Watts LFN45B Series Water Pressure Reducing Valve Installation and Maintenance Guide</a></p> <p>Comprehensive guide for installing, maintaining, and troubleshooting the Watts LFN45B Series water pressure reducing valve. Includes safety warnings, adjustment procedures, and warranty information.</p>
	<p><a href="#">WATTS LFN45B Water Pressure Reducing Valve - Installation and Maintenance Manual</a></p> <p>Comprehensive guide for installing, operating, and troubleshooting the WATTS LFN45B Water Pressure Reducing Valve. Includes safety warnings, installation instructions, adjustment procedures, and problem-solving tips for plumbing systems.</p>
	<p><a href="#">Watts N55B-M1 and LFN55B-M1 Water Pressure Reducing Valve Installation and Maintenance</a></p> <p>Detailed installation, maintenance, and troubleshooting guide for Watts N55B-M1 and LFN55B-M1 Water Pressure Reducing Valves, including diagrams and warranty information.</p>
	<p><a href="#">Watts Pressure Reducing Valve with Hydraulic Check Feature - Stainless Series</a></p> <p>Technical overview of the Watts ACV Combination Pressure Reducing and Check Valve, detailing its operation, installation guidelines, and a list of related control valve models.</p>
	<p><a href="#">Watts DRV Pressure Reducer: Installation, Specs, and Guide</a></p> <p>Official guide for Watts DRV pressure reducers. Covers installation, maintenance, technical specifications, compliance (EN1567, DVGW), and usage for domestic water systems. Multilingual.</p>



[Watts AquaLock™ Push-to-Connect Plumbing Fittings Price List 2025](#)

Explore the 2025 price list for Watts AquaLock™ push-to-connect plumbing fittings. This comprehensive catalog details brass, plastic, and mini fittings, including technical specifications, features, and installation guidance for reliable plumbing solutions.