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› [Lazmin](#) /

› Adjusted Pressure Regulator User Manual

Lazmin Lazminmo7rucp6xk

Adjusted Pressure Regulator User Manual

Brand: Lazmin

Model: Lazminmo7rucp6xk

PRODUCT OVERVIEW

The Lazmin DN15 Brass Adjustable Water Pressure Regulator Reducer with Gauge Meter is designed to control and reduce water pressure in various applications. Its robust brass construction and piston structure ensure durability and reliable performance. This valve is suitable for installation in front of most tap water equipment, helping to protect your plumbing system from excessive pressure.



Image: The Lazmin DN15 Brass Adjustable Water Pressure Regulator, showing the main valve body and the attached pressure gauge.

Key Features:

- **Piston Structure:** Simple internal structure for strong environmental use.
- **Space-Saving Design:** No bypass pipe required, simplifying distribution and saving space.
- **Versatile Installation:** Can be installed in front of most tap water equipment.
- **Adjustable Pressure:** Features a pressure adjustment knob on the top cover for easy regulation.
- **High Pressure Resistance:** Capable of withstanding pressure up to 1.6Mpa (232psi).

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your pressure regulator. Please follow these guidelines carefully.

Pre-Installation Checklist:

- Ensure the water supply is turned off before beginning installation.
- Gather necessary tools: pipe wrench, thread sealant tape (PTFE tape), and a bucket for any residual water.

- Inspect the regulator for any visible damage.

Installation Steps:

1. **Identify Inlet/Outlet:** The regulator has an arrow indicating the direction of water flow. Ensure the arrow points in the direction of water flow from the main supply to your equipment.
2. **Prepare Connections:** Apply thread sealant tape (PTFE tape) to the male threads of your existing plumbing pipes where the regulator will be connected. The regulator features DN15 (20mm) connectors.



Image: A close-up view of the threaded connector on the pressure regulator, highlighting the DN15 connection point.

3. **Connect Regulator:** Carefully screw the regulator onto the prepared pipes. Use a pipe wrench to tighten the connections, but do not overtighten, as this can damage the threads or the regulator body.
4. **Install Pressure Gauge:** The pressure gauge typically screws into a dedicated port on the regulator body. Ensure it is securely tightened to prevent leaks.



Image: The pressure regulator with the gauge already attached, showing the complete assembly.

5. **Check for Leaks:** Slowly turn on the main water supply. Inspect all connections for any signs of leaks. If leaks are present, turn off the water, tighten the connection slightly, and recheck.

OPERATING INSTRUCTIONS

Once installed, the pressure regulator allows you to adjust the outgoing water pressure to your desired level.

Adjusting Pressure:

1. **Locate Adjustment Knob:** The pressure adjustment knob is located on the top cover of the regulator.

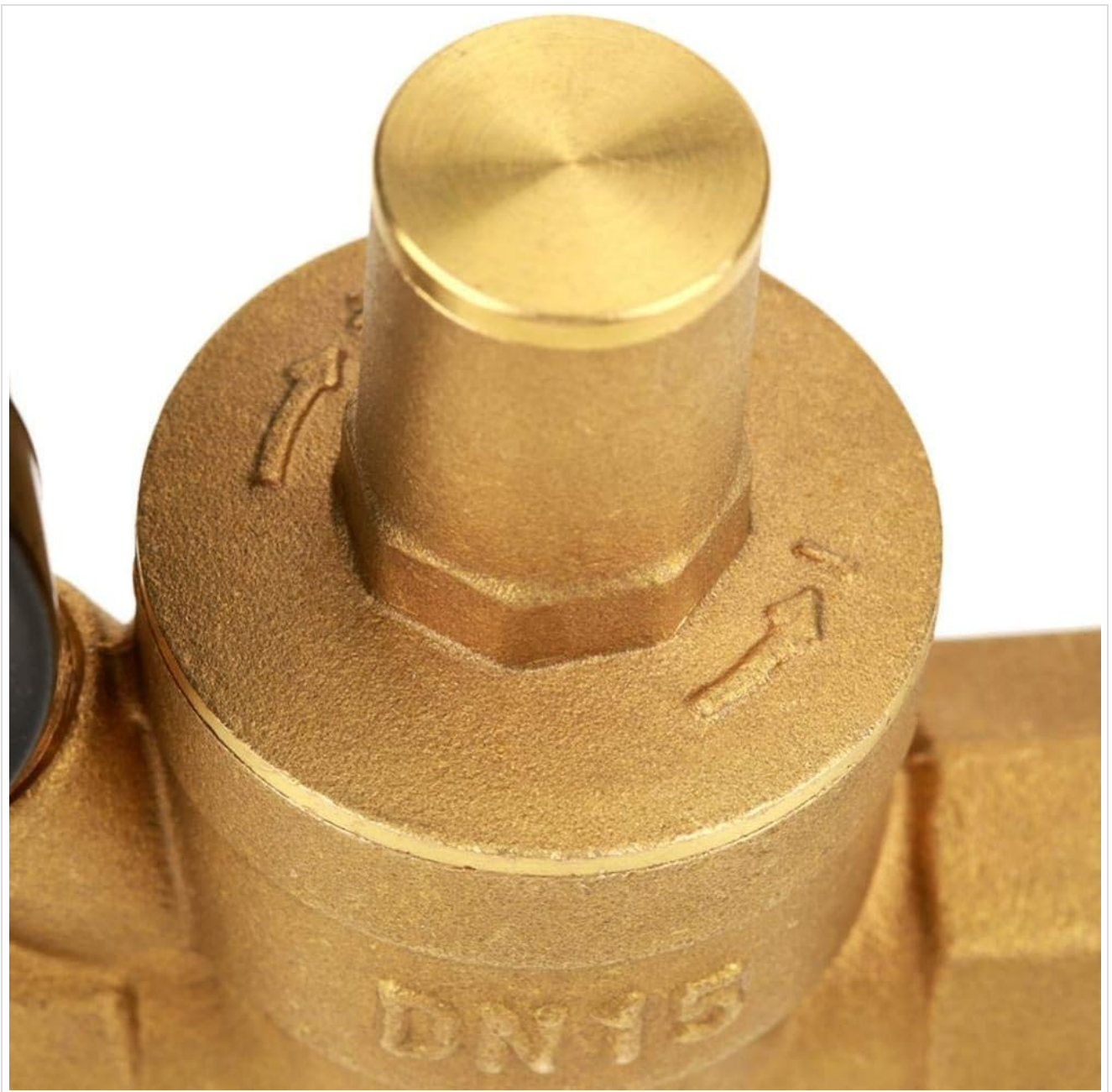


Image: A close-up view of the brass adjustment knob on the top of the regulator, used for setting the desired pressure.

2. **Monitor Gauge:** Observe the pressure gauge while making adjustments. The gauge displays the regulated outlet pressure.



Image: A detailed view of the pressure gauge face, showing markings in kg/cm², kPa (bar), and Lb/in² (psi).

3. **Increase Pressure:** Turn the adjustment knob clockwise to increase the outgoing water pressure.
4. **Decrease Pressure:** Turn the adjustment knob counter-clockwise to decrease the outgoing water pressure.
5. **Set Desired Pressure:** Adjust the knob until the gauge reads your desired pressure within the operational range of 0.05 to 0.8 Mpa (7.25 to 116 psi).

Note: The maximum inlet pressure this product can withstand is 1.6 Mpa (232 psi).

MAINTENANCE

Regular maintenance helps ensure the long-term reliability and performance of your pressure regulator.

- **Periodic Inspection:** Periodically check the regulator and connections for any signs of leaks, corrosion, or damage.
- **Cleanliness:** Keep the exterior of the regulator clean. Use a soft, damp cloth to wipe away dust or grime. Avoid abrasive cleaners.
- **Gauge Check:** Ensure the pressure gauge is functioning correctly and providing accurate readings. If the gauge appears stuck or provides inconsistent readings, it may need replacement.

- **Sediment Build-up:** In areas with high sediment in the water, internal components may accumulate debris over time. If pressure regulation becomes erratic, professional cleaning or servicing may be required.

TROUBLESHOOTING

This section addresses common issues you might encounter with your pressure regulator.

Problem	Possible Cause	Solution
Water Leaking from Connections	Loose connections; insufficient thread sealant; damaged threads.	Turn off water supply. Tighten connections. If necessary, reapply thread sealant tape or inspect threads for damage.
Pressure Not Adjusting	Adjustment knob stuck; internal debris; faulty regulator.	Ensure knob turns freely. If not, gently try to free it. If issue persists, internal components may be blocked or damaged, requiring professional inspection or replacement.
Inconsistent Pressure Readings	Faulty pressure gauge; fluctuating inlet pressure; internal valve issues.	Verify inlet pressure stability. Check if gauge needle moves smoothly. If not, consider replacing the gauge. If problem persists, the regulator itself may be faulty.
No Water Flow	Water supply off; regulator installed backward; severe internal blockage.	Check main water supply. Verify regulator installation direction (arrow should point with flow). If flow is still blocked, internal inspection may be needed.

SPECIFICATIONS

Detailed technical specifications for the Lazmin DN15 Brass Adjustable Water Pressure Regulator.

Material	Brass
Maximum Range	16 kg/cm ²
Water Pressure (Adjustable)	0.05 to 0.8 Mpa (7.25 to 116 psi)
Valve Body Length	67mm / 2.64in
Height	90mm / 3.54in
Connector Size	DN15 (20mm)
Inlet/Outlet Thread Depth	16mm
Maximum Inlet Pressure	1.6 Mpa (232 psi)
Item Weight	14.8 ounces
Overall Product Dimensions (Approx.)	Based on valve body length and height: 67mm (L) x 90mm (H). Note: Some listings may show generic dimensions like 0.39 x 0.39 x 0.39 inches, which are not representative of the actual product size.

Model Number	Lazminmo7rucp6xk
UPC	719233094952

WARRANTY AND SUPPORT

For any questions, technical assistance, or warranty claims, please contact Lazmin customer support. Keep your purchase receipt as proof of purchase.

While specific warranty details are not provided in this manual, standard manufacturer warranties typically cover defects in materials and workmanship for a limited period from the date of purchase. Please refer to the product packaging or the manufacturer's official website for the most current warranty information.

Online Support: Visit the [Lazmin Store on Amazon](#) for additional product information and support resources.