Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Regun LY0123

Regun DN20 Pressure Regulator User Manual

Model: LY0123

1. Introduction

This user manual provides essential information for the safe and efficient operation of your Regun DN20 Pressure Regulator. Please read this manual thoroughly before installation and use, and keep it for future reference.
The Regun DN20 Pressure Regulator is designed to maintain a constant and controlled water pressure in your system. Its robust brass construction and piston structure ensure durability and reliable performance, protecting your water supply equipment from overpressure damage.



Figure 1: The Regun DN20 Pressure Regulator with its accompanying pressure gauge.

2. Product Features

- **Pressure Tolerance:** Designed to withstand pressures up to 1.6 MPa, ensuring long-term durability and consistent water pressure control.
- **Simple Structure:** Features a piston structure for a simple internal design, promoting environmental compatibility and robustness. This design helps protect water supply equipment from overpressure, extending its lifespan and reducing maintenance costs.
- **Adjustable Design:** Equipped with a pressure adjustment knob on the upper cover, allowing for precise pressure regulation and optimal water pressure control.
- **Space-Saving Installation:** Eliminates the need for bypass pipes, enabling a more compact installation and saving space, ideal for installations with limited room.
- **Wide Application Range:** Its straightforward design and broad applicability allow for easy installation upstream of various water supply equipment without major modifications.



Figure 2: Detailed view of the pressure regulator, highlighting the pressure gauge.



Figure 3: The water pressure reducer component, showing its robust brass construction.

3. Specifications

Attribute	Value
Material	Brass
Maximum Range	16 kg/cm²
Water Pressure Range	0.05-0.8 Mpa (7.25-116 psi)
Connector Size	DN20
Inlet Pressure (Max)	1.6 Mpa (232 psi)
Weight	425g

Attribute	Value
Model Number	LY0123
UPC	723645922512



Figure 4: The DN20 connector size and flow direction indicator on the valve body.

4. Setup and Installation

The Regun DN20 Pressure Regulator is designed for straightforward installation. It should be installed upstream of the water supply equipment you wish to protect. Ensure the flow direction arrow on the valve body aligns with the direction of water flow in your system.

1. **Preparation:** Turn off the main water supply before beginning installation. Drain the pipes to relieve any existing pressure.
2. **Placement:** Select a suitable location for installation, typically after the main shut-off valve and before the appliances or fixtures requiring pressure regulation.
3. **Connection:** Connect the regulator to your plumbing system using appropriate DN20 fittings. Ensure all

connections are tight to prevent leaks. Use thread sealant tape (PTFE tape) on threaded connections for a secure seal.

4. **Gauge Installation:** Screw the pressure gauge into the designated port on the regulator. Ensure it is finger-tight, then use a wrench for a final snug turn, being careful not to overtighten.
5. **System Re-pressurization:** Slowly turn on the main water supply, checking for any leaks.

Note: *For optimal performance and safety, it is recommended to have the installation performed by a qualified plumber or technician.*



Figure 5: Various perspectives of the pressure regulator, useful for understanding its connection points and overall structure during installation.

5. Operating Instructions

Once installed, the pressure regulator can be adjusted to your desired output pressure within its operational range (0.05-0.8 Mpa).

1. **Initial Check:** Observe the pressure gauge to see the current regulated pressure.
2. **Adjusting Pressure:** Locate the adjustment knob on the top cover of the regulator.
    - To **increase** pressure, turn the knob clockwise.
    - To **decrease** pressure, turn the knob counter-clockwise.
3. **Monitoring:** Make small adjustments and observe the pressure gauge until the desired pressure is achieved. Allow the system to stabilize after each adjustment.



Figure 6: The top adjustment knob for setting the desired output pressure.



Figure 7: A clear view of the pressure gauge, showing pressure readings in various units (kg/cm², bar, psi).

6. Maintenance

The Regun DN20 Pressure Regulator is designed for low maintenance. Regular checks can help ensure its longevity and continued performance.

- **Leak Inspection:** Periodically inspect all connections for any signs of water leaks. Tighten connections if necessary.
- **Pressure Monitoring:** Regularly check the pressure gauge to ensure the system pressure remains within the desired range. Significant fluctuations may indicate an issue.
- **Cleaning:** Keep the exterior of the regulator clean. Avoid using harsh chemicals that could damage the brass finish.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No pressure reduction	Regulator installed backward; internal blockage.	Check flow direction arrow; inspect for debris and clean.
Pressure fluctuates significantly	System demand changes rapidly; faulty regulator.	This is normal for high demand changes; if persistent, consider professional inspection or replacement.
Water leaks from connections	Loose connections; insufficient thread sealant.	Tighten connections; reapply thread sealant tape.
Pressure gauge not working	Gauge faulty; not properly installed.	Ensure gauge is securely screwed in; replace gauge if defective.

8. Support

For further assistance, technical support, or inquiries regarding your Regun DN20 Pressure Regulator, please contact your retailer or the manufacturer directly. Provide your model number (LY0123) and UPC (723645922512) when seeking support.
Manufacturer: Regun

© 2023 Regun. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B07WDW35YG

More documents and user manuals: **https://manuals.plus/**