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RVGUARD ARGWPR001

RVGUARD RV Water Pressure Regulator Valve Instruction Manual

Model: ARGWPR001 | Brand: RVGUARD

INTRODUCTION

The RVGUARD RV Water Pressure Regulator Valve is designed to protect your RV's plumbing system from high water pressure, which can cause significant damage to pipes and fixtures. This lead-free brass regulator ensures a safe and consistent water flow, essential for campers, travel trailers, and RVs. It features an adjustable pressure setting and an integrated gauge for easy monitoring.



Image: RVGUARD RV Water Pressure Regulator Valve with pressure gauge.

SAFETY INFORMATION

- **Lead-Free Construction:** This regulator is made from Class C46500 lead-free brass, tested to contain less than 0.13% lead, well below NSF/ANSI 372 requirements. This ensures safe and healthy water for your use.
- **Pressure Protection:** Always use a pressure regulator to prevent damage to your RV's water pipes and plumbing system from excessively high water pressure at campgrounds or other water sources.
- **Maximum Inlet Pressure:** The inlet pressure must not exceed 130 PSI.
- **Slow Valve Operation:** Open and close the inlet and outlet valves slowly to avoid damaging the water pressure regulator due to the water hammer effect.
- **Handle with Care:** Treat the regulator with care to prevent physical damage, especially to the gauge.



Image: Detailed view of the regulator highlighting its lead-free brass construction and internal/external filters.

PRODUCT FEATURES OVERVIEW

- **Function:** Prevents water pipes from being damaged due to high pressure, suitable for campers, trailers, and RV plumbing systems.
- **Safety:** Class C46500 lead-free brass treated by hot casting process technology. Each regulator is tested to contain less than 0.13% lead, well under the NSF/ANSI 372 lead-free requirements of 0.25%.
- **Compatibility:** Designed with 3/4" garden hose thread, compatible with all American water sources. Features an inlet screen filter to help filter out impurities in water.
- **Adjustable:** Factory Setting: 45 PSI. Water pressure setting can be easily adjusted by turning the screwdriver. Turn clockwise to increase pressure, and counterclockwise to decrease pressure.
- **Gauge Display:** The water pressure can be clearly seen on the integrated gauge (0-160 PSI), which is necessary for RVs, campers, and travel trailers. The gauge is water-proof and shock-resistant.

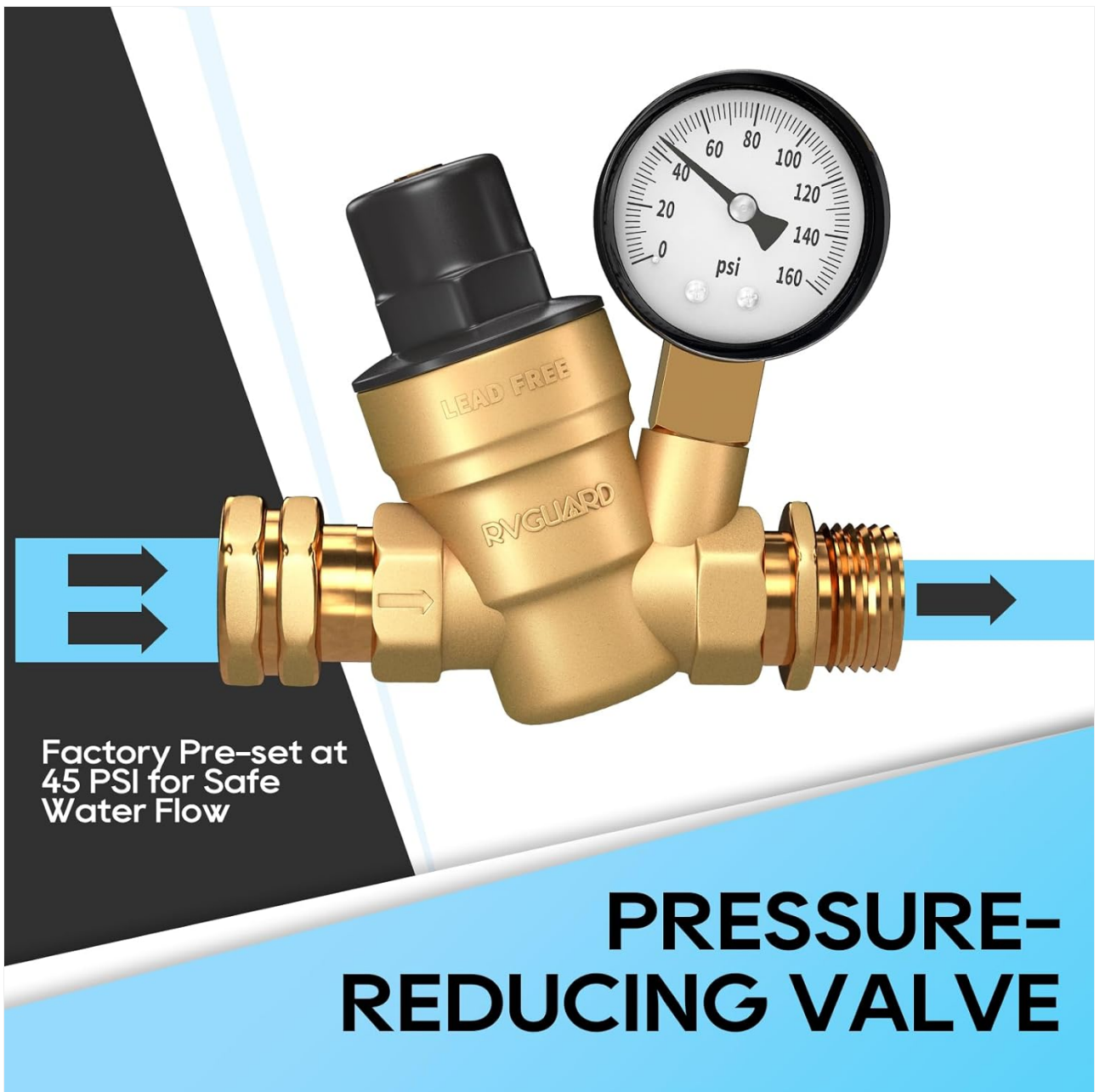
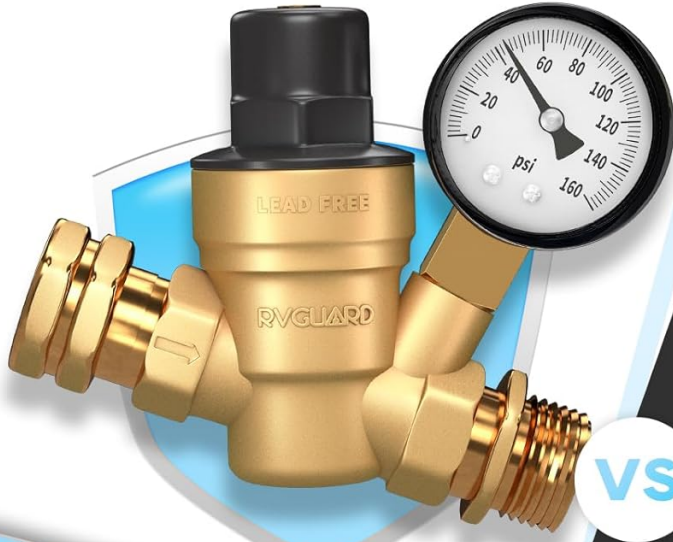


Image: Diagram showing water flow through the pressure reducing valve, factory pre-set at 45 PSI.

RVGUARD

Lead Content

<0.13%

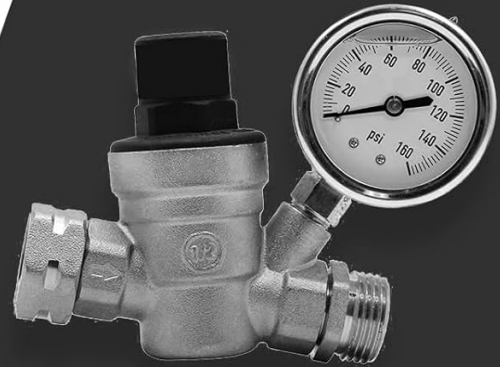


VS

others

Lead Content

<0.25%



**LEAD
FREE BRASS**

Image: Comparison highlighting the lead content of RVGUARD's lead-free brass (<0.13%) versus others (<0.25%).



Exterior Filter



Interior Filter

DUAL LAYER FILTER

Image: Diagram illustrating the dual-layer filter system, including exterior and interior filters.



Image: Close-up of the clear, water-proof, and shock-resistant pressure gauge, displaying 0-160 PSI.

SETUP AND INSTALLATION

Follow these steps to properly set up your RVGUARD Water Pressure Regulator Valve:

1. **Connect Female Fitting:** Attach the female fitting of the regulator to the city water source or campground spigot. Ensure a tight, leak-free connection.
2. **Connect Male Fitting to Hose:** Connect your RV's freshwater hose to the male fitting of the regulator.
3. **Connect to RV Water Inlet:** Attach the other end of your freshwater hose to your RV's water inlet.
4. **Adjust Pressure (if needed):** The factory setting is 45 PSI. If adjustment is necessary, use a flathead screwdriver to turn the brass screw on top of the regulator. Turn clockwise to increase pressure, and counterclockwise to decrease pressure. Monitor the pressure on the integrated gauge.

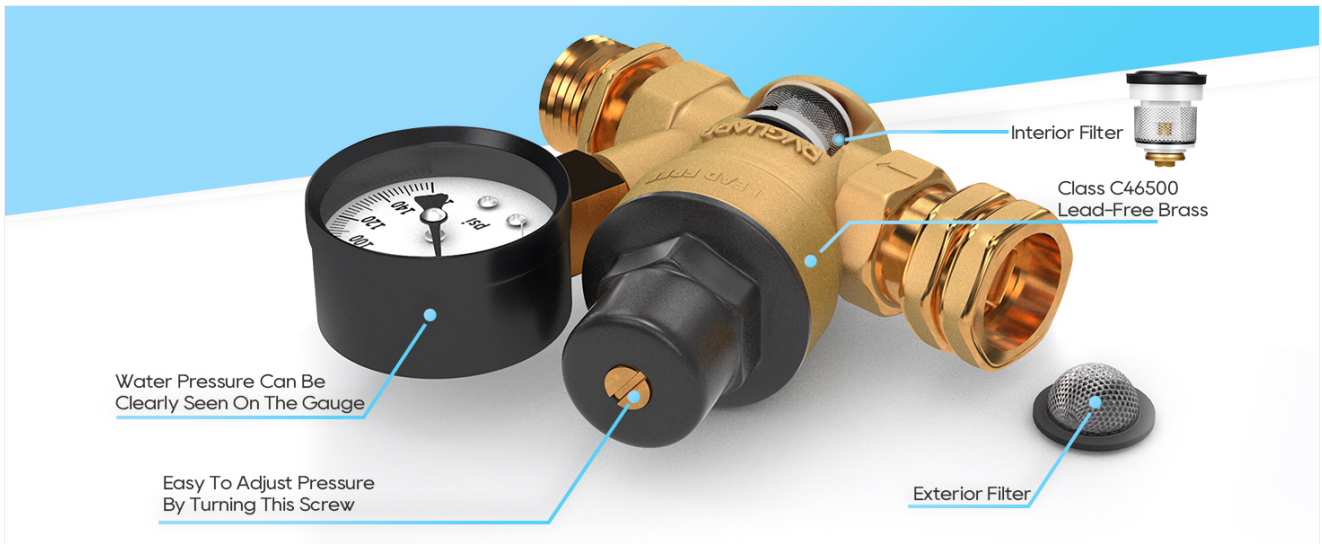


Image: Step-by-step visual guide for connecting the RVGUARD Water Pressure Regulator.



Image: The RVGUARD Water Pressure Regulator installed and connected to an RV water supply.

OPERATING INSTRUCTIONS

Once installed, the RVGUARD Water Pressure Regulator operates automatically to maintain your desired water pressure. The integrated gauge provides real-time pressure readings, allowing you to confirm the pressure entering your RV's plumbing system.

- **Monitoring Pressure:** Regularly check the gauge to ensure the water pressure remains within safe limits for your RV.
- **Adjusting Pressure:** If the pressure needs to be changed, use a flathead screwdriver on the top adjustment screw. Turn clockwise to increase pressure, counter-clockwise to decrease.
- **Typical Usage:** The regulator is suitable for various water sources, including RV park hookups, garden hoses, and kitchen faucets, ensuring consistent pressure across different applications.

MUST READ BEFORE USE

1. Open and close the inlet and outlet valves slowly to avoid damaging the water pressure regulator due to the water hammer effect.
2. Try to keep the gauge vertical and avoid inverting it. If you find water inside the gauge, place it vertically to empty it.
3. The inlet pressure must not exceed 130 PSI. The factory setting is 45 PSI. There is no need to adjust the pressure unless there is a special situation.
4. When the water pressure regulator is not in use, empty the valve. This is important in winter to prevent freezing damaging the valve.
5. Please use PTFE tape to prevent water leakage.
6. Handle with care.

Image: The RVGUARD Water Pressure Regulator is versatile for RV, garden, and kitchen use.

MAINTENANCE

- **Inlet Screen Filter:** The regulator includes an inlet screen filter to prevent impurities from entering your plumbing system. Periodically inspect and clean this filter to ensure optimal water flow and filtration.
- **Winterization:** When the water pressure regulator is not in use, especially during winter or freezing temperatures, empty the valve completely to prevent freezing from damaging the unit.
- **Leak Prevention:** Always use PTFE tape on threaded connections to prevent water leakage and ensure a secure seal.
- **Gauge Orientation:** Try to keep the gauge vertical and avoid inverting it. If you find water inside the gauge, place it vertically to empty it.

EASY TO USE

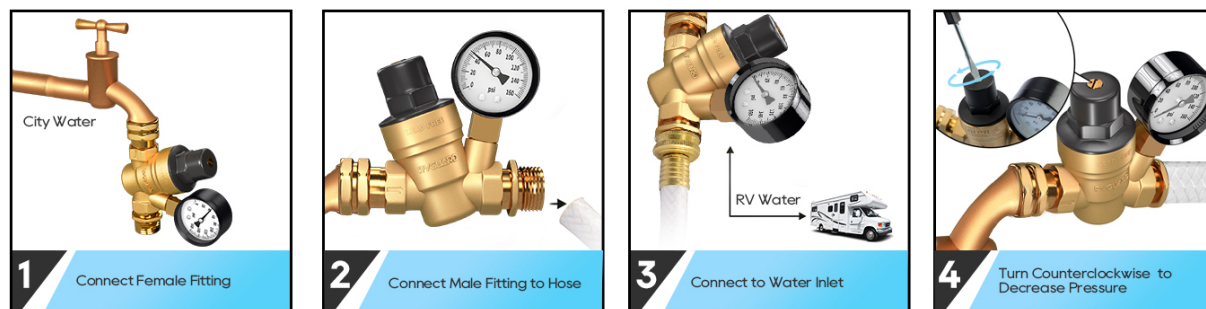


Image: Key instructions for proper use and maintenance, including winterization and leak prevention.

TROUBLESHOOTING

If you encounter issues with your RVGUARD Water Pressure Regulator, consider the following:

- **Low Water Flow:** Check the inlet screen filter for debris and clean if necessary. Ensure the pressure setting is not too low for your needs.
- **Leaks:** Verify all connections are tight and properly sealed with PTFE tape. Inspect O-rings and gaskets for damage and replace if needed.
- **Inaccurate Gauge Reading:** Ensure the gauge is installed correctly and not inverted. If water is inside, try to drain it by holding the gauge vertically. If the issue persists, the gauge may need replacement.
- **No Pressure Regulation:** Confirm the adjustment screw is functioning correctly. If the regulator is old or has been subjected to extreme conditions, it may need replacement.

SPECIFICATIONS

Feature	Detail
Brand	RVGUARD
Model Number	ARGWPR001
Material	Brass (Lead-Free C46500)
Inlet Connection Size	0.75 Inches
Inlet Connection Type	3/4 Garden Hose Thread (GHT)
Outlet Connection Size	0.75 Inches
Outlet Connection Type	Barb
Number of Ports	2
Valve Type	Water Pressure Regulator
Factory Pressure Setting	45 PSI

Gauge Range	0-160 PSI
Item Weight	1.43 pounds
Country of Origin	China

OFFICIAL PRODUCT VIDEOS

Watch these official videos from RVGUARD for more information and visual guides:

RVGUARD Adjustable Water Pressure Reducer with Gauge

Your browser does not support the video tag.

Video: This video provides an overview of the RVGUARD Adjustable Water Pressure Reducer with Gauge, showcasing its features and design.

RVGUARD RV Water Pressure Regulator

Your browser does not support the video tag.

Video: A concise video demonstrating the RVGUARD RV Water Pressure Regulator in action, highlighting its ease of use and effectiveness.

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your RVGUARD RV Water Pressure Regulator Valve, please refer to the contact information provided in your product packaging or visit the official RVGUARD website. Keep your purchase receipt for warranty claims.

You can also visit the [RVGUARD Store on Amazon](#) for additional resources and product information.