

## Ideal Standard A862288NU

# Ideal Standard A862288NU Metering Valve Hot/Cold Cartridge Instruction Manual

Model: A862288NU

## INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Ideal Standard A862288NU Metering Valve Hot/Cold Cartridge. Please read this manual thoroughly before installation and retain it for future reference.

The Ideal Standard A862288NU is designed for use in specific self-closing shower applications. It is important to note that this cartridge is **not** suitable for Avin 21 self-closing taps.

## SAFETY INFORMATION

- Always turn off the main water supply before attempting any installation or maintenance.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Use appropriate tools and wear personal protective equipment (PPE) such as gloves and eye protection.
- Ensure all connections are secure and watertight to prevent leaks.

## PRODUCT OVERVIEW

The A862288NU is a replacement metering valve cartridge for hot/cold water applications. It is primarily constructed from brass with internal components designed for durability and precise water flow control.



**Figure 1:** Ideal Standard A862288NU Metering Valve Hot/Cold Cartridge. This image shows the brass cartridge with a white plastic tip on one end and a spring mechanism on the other, indicating its internal valve function.

## SETUP AND INSTALLATION

1. **Preparation:** Turn off the main water supply to the fixture where the cartridge will be installed. Drain any remaining water from the pipes.
2. **Access the Cartridge:** Depending on your specific shower unit (e.g., Avon 21 self-closing shower), you will need to remove the handle, trim, and any retaining nuts or screws to access the existing cartridge. Refer to your shower unit's specific instructions for disassembly.
3. **Remove Old Cartridge:** Carefully extract the old metering valve cartridge. Note its orientation for correct installation of the new one.
4. **Install New Cartridge:** Insert the Ideal Standard A862288NU cartridge into the valve body, ensuring it is seated correctly and oriented as the old one was.
5. **Secure Cartridge:** Re-install any retaining nuts, screws, or clips that hold the cartridge in place. Do not overtighten.
6. **Reassemble Fixture:** Reattach the trim and handle components.
7. **Test:** Slowly turn the main water supply back on. Check for any leaks around the newly installed cartridge. Operate the shower to ensure proper function and water flow.

**Important Note:** This cartridge is specifically designed for Avon 21 self-closing showers. It is **not** compatible with Avin 21 self-closing taps.

## OPERATING INSTRUCTIONS

Once installed, the metering valve cartridge controls the flow duration of water in your self-closing shower. When the shower is activated (e.g., by pressing a button or lever), the cartridge allows a measured amount of water to flow before automatically shutting off. The duration of flow is pre-set by the design of the metering valve.

- **Activation:** Press or activate the shower control.
- **Water Flow:** Water will flow for a pre-determined period.
- **Automatic Shut-off:** The cartridge will automatically close the water flow after the cycle completes.

## MAINTENANCE

The Ideal Standard A862288NU metering valve cartridge is designed for long-term reliability. Regular maintenance is generally not required for the cartridge itself, beyond ensuring proper installation and checking for leaks.

- **Leak Checks:** Periodically inspect the shower unit for any signs of water leaks around the cartridge area. Address any leaks promptly.
- **Cleaning:** Clean the exterior of the shower fixture according to the manufacturer's instructions for the shower unit. Avoid harsh chemicals that could damage seals or finishes.
- **Water Quality:** In areas with hard water, mineral deposits can sometimes affect valve performance over time. If you experience inconsistent flow or premature shut-off, the cartridge may need inspection or replacement.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Water continues to flow after activation cycle.	Faulty cartridge seal or internal mechanism.	Replace the metering valve cartridge.
No water flow or very low flow.	<ul style="list-style-type: none"><li>• Main water supply off.</li><li>• Cartridge incorrectly installed.</li><li>• Blockage in the water line or cartridge.</li></ul>	<ul style="list-style-type: none"><li>• Check main water supply.</li><li>• Re-install cartridge, ensuring correct orientation.</li><li>• Inspect for blockages; replace cartridge if necessary.</li></ul>
Water leaks from around the cartridge area.	<ul style="list-style-type: none"><li>• Improperly seated cartridge.</li><li>• Damaged O-rings or seals.</li><li>• Loose retaining nut.</li></ul>	<ul style="list-style-type: none"><li>• Ensure cartridge is fully seated.</li><li>• Inspect and replace O-rings/seals if damaged.</li><li>• Tighten retaining nut (do not overtighten).</li></ul>

## SPECIFICATIONS

- **Model Number:** A862288NU
- **Part Number:** A862288NU
- **Manufacturer:** Ideal Standard
- **Item Weight:** Approximately 10.2 ounces (289 grams)
- **Compatibility:** Suitable for Avon 21 self-closing showers. **Not** for Avin 21 self-closing taps.
- **Material:** Brass (main body)

## WARRANTY INFORMATION

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For specific warranty details regarding the Ideal Standard A862288NU metering valve cartridge, please refer to the warranty documentation provided with your original Ideal Standard product or visit the official Ideal Standard website. Warranty terms typically cover manufacturing defects under normal use conditions.

## SUPPORT AND CONTACT

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If you require further assistance or have questions not covered in this manual, please contact Ideal Standard customer support. You can typically find contact information on the official Ideal Standard website or through your product retailer. For technical support or to purchase replacement parts, please visit: [www.idealstandard.com](http://www.idealstandard.com)

