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> American Standard Ultima Manual Urinal Flush Valve 0.125 GPF (Model 6045013.002) Instruction Manual

## American Standard 6045013.002

# American Standard Ultima Manual Urinal Flush Valve

MODEL: 6045013.002 - 0.125 GPF, POLISHED CHROME

## 1. Introduction

This instruction manual provides detailed information for the installation, operation, and maintenance of the American Standard Ultima Manual Urinal Flush Valve, Model 6045013.002. This piston-type flush valve is designed for efficient water usage and reliable performance in commercial and residential settings.

## 2. Product Features

- Designed for urinals with a 3/4-inch (19 mm) exposed top spud.
- Features exclusive DynaClean self-cleaning wiper spring technology.
- Integral wiper spring cleans the refill orifice with every flush, preventing valve run-on.
- ADA-compliant non-hold open handle ensures automatic shut-off after each flush.
- Piston operation provides superior flush accuracy and repeatability.

## 3. Components Included

The following components are typically included with your American Standard Ultima Manual Urinal Flush Valve:

- Urinal Flush Valve Assembly
- Instruction Manual (this document)

*Note: Urinal fixture and supply lines are sold separately.*

## 4. Installation

Installation of this urinal flush valve should be performed by a qualified plumber or technician to ensure proper function and compliance with local plumbing codes. Ensure the water supply is turned off before beginning installation.

The valve is designed for urinals with a 3/4-inch exposed top spud. Connect the flush valve to the water supply line and the urinal spud according to standard plumbing practices. Ensure all connections are secure and leak-free.



*Figure 1: American Standard Ultima Manual Urinal Flush Valve installed on a urinal.*



*Figure 2: Close-up of the flush valve assembly.*

## **5. Operation**

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To operate the American Standard Ultima Manual Urinal Flush Valve, simply push the handle. The non-hold open design ensures that the valve automatically shuts off after a complete flush cycle, conserving water. The piston operation provides a consistent and accurate flush volume of 0.125 gallons per flush (GPF).

## **6. Maintenance**

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Regular cleaning and maintenance will ensure the longevity and optimal performance of your flush valve.

## 6.1 Cleaning

Clean the polished chrome finish with a soft cloth and mild, non-abrasive cleaner. Avoid using harsh chemicals or abrasive pads, as these can damage the finish. The integral DynaClean self-cleaning wiper spring helps maintain the internal components by cleaning the refill orifice with every flush, reducing the need for frequent internal maintenance.

## 6.2 Inspection

Periodically inspect the valve for any signs of leaks or unusual operation. If any issues are detected, refer to the troubleshooting section or contact a qualified professional.

## 7. Troubleshooting

If you encounter issues with your American Standard Ultima Manual Urinal Flush Valve, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Water continuously runs after flush.	Debris in the valve, worn piston assembly, or issues with the wiper spring.	Turn off water supply. Disassemble the valve and inspect the piston assembly and wiper spring for debris or wear. Clean or replace components as necessary.
Insufficient flush volume.	Low water pressure, partially closed stop valve, or clogged internal components.	Check water supply pressure. Ensure the stop valve is fully open. Inspect and clean internal components for any blockages.
Valve does not flush.	No water supply, handle mechanism jammed, or severe internal blockage.	Verify water supply is on. Check the handle for obstructions. If the problem persists, professional inspection is recommended.

For issues not listed here or if solutions do not resolve the problem, please contact American Standard customer support or a certified plumbing professional.

## 8. Specifications

Attribute	Detail
Model Number	6045013.002
Brand	American Standard
Material	Brass
Exterior Finish	Polished Chrome
Flush Volume	0.125 GPF (Gallons Per Flush)
Inlet Connection Size	0.75 Inches
Inlet Connection Type	Flange
Outlet Connection Size	0.75 Inches

Attribute	Detail
Outlet Connection Type	Flange
Valve Type	Piston-Type Flush Valve
Item Dimensions (L x W x H)	12.7 x 9 x 3.3 inches
Item Weight	2.4 Kilograms
Specification Met	WaterSense

## 9. Warranty and Support

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American Standard products are manufactured to high-quality standards and are backed by a manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official American Standard website. For technical assistance, replacement parts, or further inquiries, please contact American Standard customer service.