

## Sloan 3082675

# Sloan Regal 186 Exposed Manual Urinal Flushometer (Model 3082675) Instruction Manual

For models: Regal 186, 3082675

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## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Sloan Regal 186 Exposed Manual Urinal Flushometer, Model 3082675. This flushometer is designed for commercial urinal applications, featuring a 1.0 GPF (Gallons Per Flush) manual flush valve with a non-hold-open handle. It is ADA compliant and constructed with high copper, low zinc brass castings for dezincification resistance, ensuring durability and hygienic operation.

## 2. SAFETY INFORMATION

Please read all instructions carefully before installation and operation. Failure to follow these instructions may result in property damage or injury.

- Ensure the main water supply is turned off before beginning any installation or maintenance.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves.
- All plumbing work should comply with local codes and regulations.
- Do not overtighten connections, as this may damage components.
- If you are unsure about any part of the installation or repair process, consult a qualified plumber.

## 3. PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- Sloan Regal 186 Exposed Manual Urinal Flushometer (Model 3082675)
- Sweat Solder Adapter
- Cover Tube

- Vacuum Breaker Flush Connection
- 3/4" I.P.S. Screwdriver Bak-Chek Angle Stop
- Control Stop Plug
- Cast Wall Flange with Set Screw
- ADA Compliant Metal Oscillating Non-Hold-Open Handle

## 4. SETUP & INSTALLATION

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This section outlines the general steps for installing the flushometer. Refer to detailed plumbing diagrams for specific configurations.

### 4.1. Prepare Water Supply

1. Turn off the main water supply to the fixture.
2. Flush the urinal to relieve any remaining water pressure.
3. Ensure the water supply pipe is properly sized (typically 1-1/2" X 3/4" X 9" for the sweat kit).

### 4.2. Install Bak-Chek Angle Stop

1. Thread the 3/4" I.P.S. screwdriver Bak-Chek angle stop onto the water supply pipe.
2. Use pipe sealant or Teflon tape on threads to ensure a watertight seal.
3. Tighten securely, but do not overtighten.

### 4.3. Mount Wall Flange

1. Position the cast wall flange over the angle stop.
2. Secure the wall flange to the wall using appropriate fasteners (not included) and the provided set screw.

### 4.4. Connect Flushometer Body

1. Attach the flushometer body to the angle stop.
2. Connect the vacuum breaker flush connection to the urinal's top spud.
3. Ensure all connections are tight and properly sealed.
4. Install the sweat solder adapter and cover tube as required for your specific plumbing setup.

### 4.5. Final Checks

1. Slowly turn on the main water supply.
2. Check all connections for leaks.
3. Adjust the control stop plug to regulate water flow as needed.

## 5. OPERATING INSTRUCTIONS

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The Sloan Regal 186 Flushometer features a simple manual operation.

### 5.1. Flushing the Urinal

1. Locate the ADA compliant metal oscillating non-hold-open handle on the flushometer.
2. Push the handle down firmly and release. The non-hold-open design ensures a consistent 1.0 GPF flush, promoting water conservation.

3. The flushometer will automatically reset after the flush cycle is complete.

## 6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your flushometer.

### 6.1. Cleaning

1. Clean the exterior of the flushometer with a mild, non-abrasive cleaner and a soft cloth.
2. Avoid using harsh chemicals or abrasive pads, as these can damage the polished chrome finish.

### 6.2. Diaphragm and Gasket Inspection

1. Periodically inspect the diaphragm and other internal gaskets for wear or damage.
2. If leaks or inconsistent flushing occur, these components may need replacement. Refer to Sloan's official service guides for detailed replacement procedures.

### 6.3. Control Stop Adjustment

1. The control stop plug allows for adjustment of water flow. If the flush volume is too low or too high, use a screwdriver to adjust the control stop.
2. Turn clockwise to decrease flow, counter-clockwise to increase flow. Adjust incrementally until desired flush is achieved.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your flushometer.

Problem	Possible Cause	Solution
<b>Flushometer does not flush</b>	Water supply turned off; Clogged internal components; Handle mechanism issue.	Check water supply valve; Inspect and clean diaphragm/bypass; Check handle assembly for obstructions.
<b>Continuous flushing or slow closing</b>	Worn or damaged diaphragm; Debris in bypass hole; Improperly seated components.	Replace diaphragm; Clean bypass hole; Reassemble components correctly.
<b>Insufficient flush volume</b>	Control stop not fully open; Low water pressure; Partially clogged inlet.	Adjust control stop to increase flow; Check building water pressure; Inspect and clean inlet screen.
<b>Leaks from connections</b>	Loose connections; Damaged gaskets/seals; Improperly applied sealant.	Tighten connections; Replace worn gaskets/seals; Reapply pipe sealant correctly.

If troubleshooting steps do not resolve the issue, contact Sloan customer support or a qualified plumber.

## 8. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	3082675
Flush Volume	1.0 GPF (Gallons Per Flush)
Finish	Polished Chrome
Material	Brass (High copper, low zinc castings)
Fixture Connection	Top Spud
Handle Type	Manual, Non-Hold-Open, ADA Compliant Metal Oscillating
Vacuum Breaker	Included
Angle Stop	3/4" I.P.S. Screwdriver Bak-Chek
Dimensions (Approx.)	1 x 2 x 3 inches (Product Dimensions)
Item Weight	6 pounds
Certification	ADA

## 9. WARRANTY & SUPPORT

### 9.1. Warranty Information

The Sloan Regal 186 Exposed Manual Urinal Flushometer (Model 3082675) comes with a **3-year limited warranty**. This warranty covers defects in materials and workmanship under normal use and service. For full details regarding warranty coverage, limitations, and claims, please refer to the official Sloan warranty documentation or contact Sloan customer support.

### 9.2. Customer Support

For technical assistance, replacement parts, or warranty inquiries, please contact Sloan customer support. Visit the official Sloan website for contact information and additional resources.

*Note: Always provide your product model number (3082675) when contacting support for faster service.*