1. **Install Optional Sweat Solder Adapter** (only if your supply pipe does not have a male thread)

   - **A** Measure from finished wall to C/L of Fixture Spud. Cut pipe 1-1/4" (32 mm) shorter than this measurement. Chamfer O.D. and I.D. of water supply pipe.
   - **B** Slide Threaded Adapter fully onto pipe.
   - **C** Swivel solder the Adapter to pipe.

   **IMPORTANT!!!**
   With the exception of Control Stop inlet, DO NOT use pipe sealant or plumbing grease on any valve component or coupling!

2. **Install Cover Tube, Wall Flange and Control Stop to supply pipe**

   - **A** Measure from finished wall to first thread of Adapter or threaded supply pipe (dimension “X”). Cut Cover Tube to this length.
   - **B** Slide Cover Tube over pipe. Slide Wall Flange over Cover Tube until against wall.
   - **C** Thread Control Stop onto pipe. Tighten with a wrench.
   - **D** Tighten Set Screw with a 1/16” hex wrench. **DO NOT** Install Vandal Resistant Stop Cap at this time.

   **IMPORTANT!!!**
   With the exception of Control Stop inlet, DO NOT use pipe sealant or plumbing grease on any valve component or coupling!

3. **Install Vacuum Breaker Flush Connection**

   - **A** Slide Spud Coupling, Nylon Slip Gasket, Rubber Gasket and Spud Flange over Vacuum Breaker Tube.
   - **B** Insert Tube into Fixture Spud.
   - **C** Hand tighten Spud Coupling onto Fixture Spud.

   **IMPORTANT!!!**
   With the exception of Control Stop inlet, DO NOT use pipe sealant or plumbing grease on any valve component or coupling!

4. **Install Flushometer**

   - **A** Lubricate tailpiece O-ring with water. Insert Adjustable Tailpiece into Control Stop. Tighten Tailpiece Coupling by hand.
   - **B** Align Flushometer directly above the Vacuum Breaker Flush Connection by sliding the Flushometer Body IN or OUT as needed. Tighten Vacuum Breaker Coupling by hand.

   **CAUTION!!!**
   DO NOT USE PIPE THREAD SEAL.

   **NOTE**
   Maximum adjustment of the Sloan Adjustable Tailpiece is 1/2" (15 mm) IN or OUT from the standard 4-3/4" (121 mm) (centerline of Flushometer to centerline of Control Stop).

   A roughing-in measurement exceeds 5-1/4" (133 mm), consult factory for longer tailpiece.

   - **C** Align Flusher Body and securely tighten first the Tailpiece Coupling (1), then the Vacuum Breaker Coupling (2), and finally the Spud Coupling (3). Use a wrench to tighten these couplings in the order shown.

5. **Flush Out Supply Line**

   - **A** Make sure Control Stop is CLOSED and remove Flushometer Outer Cover.
   - **B** Open Control Stop COUNTERCLOCKWISE one FULL turn from closed position.
   - **C** Activate Flushometer.
   - **D** Adjust Control Stop after each flush until the rate of flow delivered properly cleanses the fixture.

   **IMPORTANT!!!**
   The Sloan Flushometer is engineered for quiet operation. Excessive water flow creates noise, while too little water flow may not satisfy the needs of the fixture. Proper adjustment is made when plumbing fixture is cleaned after each flush without splashing water out from the lip AND a quiet flushing cycle is achieved.

6. **Adjust Control Stop and Install Vandal Resistant Stop Cap**

   - **A** Reinstall Outside and Inside Cover wrench tight. Open Control Stop to flush supply line. Close Control Stop and remove Outside and Inside Cover.
   - **B** Reinstall and Inside Parts Assembly. Inside Cover and Outside Cover wrench tight.
   - **C** Reinstall Vandal Resistant Control Stop Cap on Control Stop.

   **IMPORTANT!!!**
   With the exception of Control Stop inlet, DO NOT use pipe sealant or plumbing grease on any valve component or coupling!

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**IMPORTANT!!!**
Protect the chrome or special finish of Sloan Flushometers — DO NOT USE toothed tools to install or service these valves. Use a Sloan A-50 Super-Wrench™, Sloan A-109 Pier Wrench or smooth jawed spud wrench to secure all couplings. Also see “Care and Cleaning” section of this manual.

**IMPORTANT!!!**
This product contains mechanical and/or electrical components that are subject to normal wear. These components should be checked on a regular basis and replaced as needed to maintain the valve’s performance.

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If you have questions about how to install your Sloan Flushometer, consult your local Sloan Representative or call Sloan Installation Engineering Department at: 1-888-SLOAN-14 (1-888-756-2614) OR 1-847-233-2016.

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**NOTE**
Maximum adjustment of the Sloan Adjustable Tailpiece is 1/2" (15 mm) IN or OUT from the standard 4-3/4" (121 mm) (centerline of Flushometer to centerline of Control Stop).

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**IMPORTANT!!!**
With the exception of Control Stop inlet, DO NOT use pipe sealant or plumbing grease on any valve component or coupling!!!