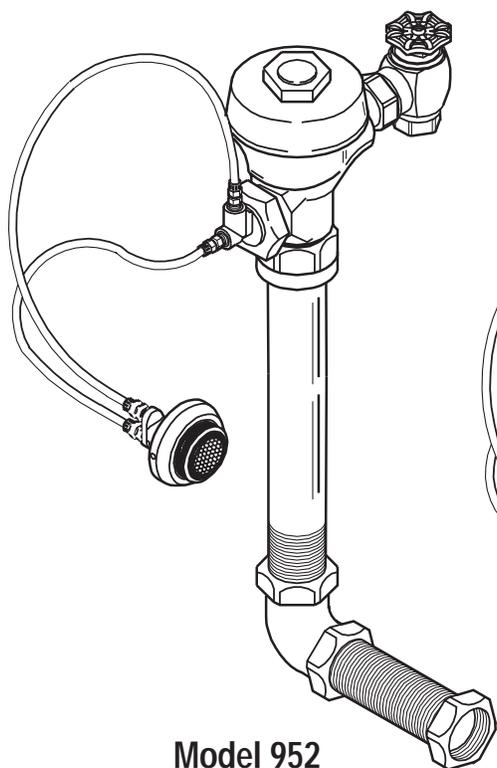
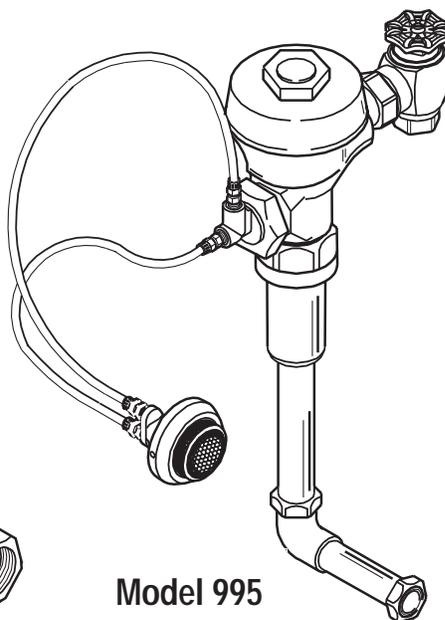


SLOAN®

INSTALLATION INSTRUCTIONS SLOAN SERIES 900 HYDRAULIC FLUSHING SYSTEM *Royal*® FLUSHOMETERS CONCEALED CLOSET & URINAL INSTALLATIONS



Model 952



Model 995

Concealed Closet Flushometer —
1-1/2" Back Spud
Models 940 & 952

Concealed Closet Flushometer —
No Flush Connection
Model 950

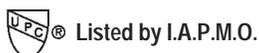
Concealed Closet Flushometer —
1-1/2" Top Spud
Model 953

Concealed Urinal Flushometer —
1-1/4" Back Spud
Model 990

Concealed Urinal Flushometer —
3/4" Back Spud
Model 995

THESE INSTRUCTIONS ALSO
FOR USE WITH SLOAN REGAL®
FLUSHOMETERS

Made in the U.S.A.



Installation of the Sloan Series 900 Hydraulic Flushometer provides the quality, long life and water economy that makes Sloan the most dependable Flushometers ever. Sloan Flushometers provide outstanding water saving capabilities by precisely metering every flush. Royal and Regal Flushometers have been engineered to deliver a consistent, quiet flush, time after time. No internal adjustment to the Flushometer is required. Additionally, the Sloan Series 900 hydraulic flushing system is designed to actuate the Flushometer by use of a conveniently located push button.

The Sloan Flushometer is designed for easy installation and maintenance and comes complete with a button actuator, Bak-Chek® control stop, adjustable tailpiece, vacuum breaker flush connection, and spud coupling and wall and spud flanges for exposed piping.

The following instructions will serve as a guide when installing the Sloan Flushometer. As always, good safety practices and care are recommended when installing your new Flushometer. If further assistance is required, contact your nearest Sloan Representative office.

LIMITED WARRANTY

Sloan Valve Company warrants its Series 900 Hydraulic Flushometers to be made of first class materials, free from defects of material or workmanship under normal use and to perform the service for which they are intended in a thoroughly reliable and efficient manner when properly installed and serviced, for a period of three years (1 year for special finishes) from date of purchase. During this period, Sloan Valve Company will, at its option, repair or replace any part or parts which prove to be thus defective if returned to Sloan Valve Company, at customer's cost, and this shall be the sole remedy available under this warranty. No claims will be allowed for labor, transportation or other incidental costs. This warranty extends only to persons or organizations who purchase Sloan Valve Company's products directly from Sloan Valve Company for purpose of resale.

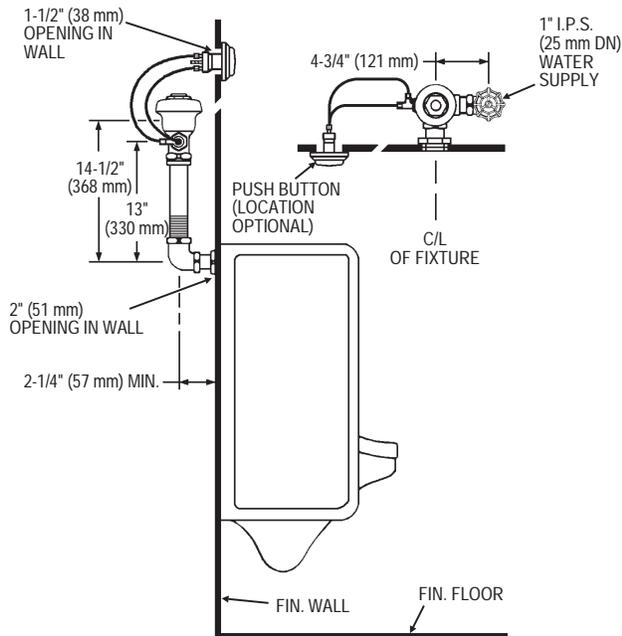
THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. IN NO EVENT IS SLOAN VALVE COMPANY RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGES OF ANY MEASURE WHATSOEVER.

VALVE ROUGH-IN (Continued)

Model 990 † — Standard, 3.5 gpf (13.2 Lpf)

Model 990-1.5 † — Water Saver, 1.5 gpf (5.7 Lpf)

Model 990-1 † — Low Consumption, 1 gpf (3.8 Lpf)

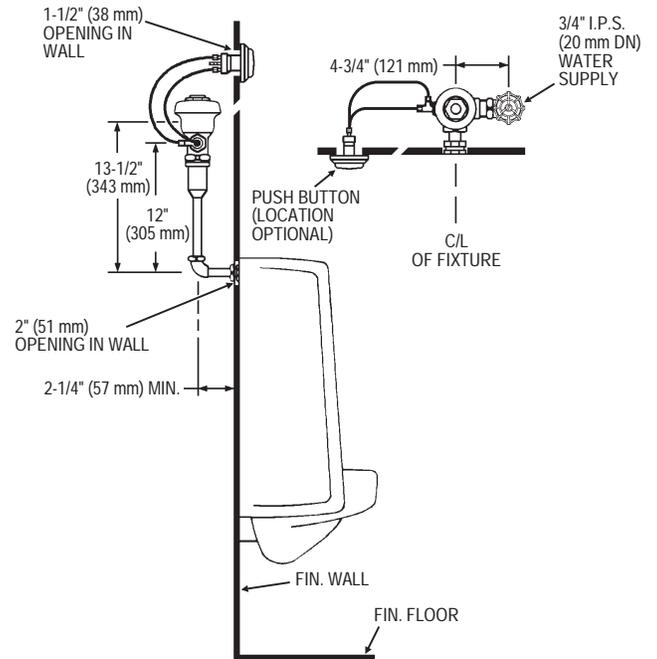


† NOTE: SPECIFY ACTUATOR VARIATION.

Model 995 † — Water Saver, 1.5 gpf (5.7 Lpf)

Model 995-1 † — Low Consumption, 1 gpf (3.8 Lpf)

Model 995-0.5 † — 0.5 gpf (1.9 Lpf)



† NOTE: SPECIFY ACTUATOR VARIATION.

Figure 1 (Continued)

NOTE: Water Closet Valves with "-2.4" Model Designation Deliver 2.4 gpf (9.0 Lpf)

PRIOR TO INSTALLATION

Prior to installing the Sloan Flushometer, install the items listed below as illustrated in Figure 1.

- Bore 2" (51 mm) opening in wall for piping (if required)
- Closet or urinal fixture
- Drain line
- Water supply line
- Prepare opening in wall for push button actuator
- For Model HY-72-A Push Button Actuator, install electrical box at Push Button Actuator location

Important:

- ALL PLUMBING IS TO BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS.
- WATER SUPPLY LINES MUST BE SIZED TO PROVIDE AN ADEQUATE VOLUME OF WATER FOR EACH FIXTURE.
- FLUSH ALL WATER LINES PRIOR TO MAKING CONNECTIONS.

The Sloan Royal® and Regal® are designed to operate with 10 to 100 psi (69 to 689 kPa) of water pressure. THE MINIMUM PRESSURE REQUIRED TO THE VALVE IS DETERMINED BY THE TYPE OF FIXTURE SELECTED. Consult fixture manufacturer for minimum pressure and GPF requirements.

Most Low Consumption water closets (1.6 gallon/6 liter) require a minimum flowing pressure of 25 psi (172 kPa).

Protect the Chrome or Special finish of this Flushometer — DO NOT USE TOOTHED TOOLS TO INSTALL OR SERVICE THE VALVE. Also, see "Care and Cleaning" section of this manual.

IMPORTANT: WITH THE EXCEPTION OF CONTROL STOP INLET, DO NOT USE PIPE SEALANT OR PLUMBING GREASE ON ANY VALVE COMPONENT OR COUPLING!

TOOLS REQUIRED FOR INSTALLATION

- Slotted screwdriver
- 5/64" hex wrench
- Sloan A-50 "Super-Wrench™" or smooth jawed spud wrench for couplings