

Automatic Shower limiting ValveInstallation and Service

Timing Instructions:

- **1)** Loosen Allen set screw (NS-28) on side of knob (NS-3).
- **2)** Pop-out plug-button (NS-29) with sharp pointed tool.
- **3**) Insert thin blade screw driver in center hole of knob (NS-3) and into the slot of the push-rod (NS-4).
- **4)** Turn knob (NS-3) clockwise while holding screw driver firmly. Turn until push-rod (NS-4) is 3/16" from top of knob (NS-3). This will give minimum time cylce. Replace plug-button (NS-29)
- **5**) Tighten Allen set screw (NS-28). To increase time cycle, turn knob (NS-3) counter-clockwise in step 4.
- **6**) Timing can be adjusted from 30 to 60 seconds.

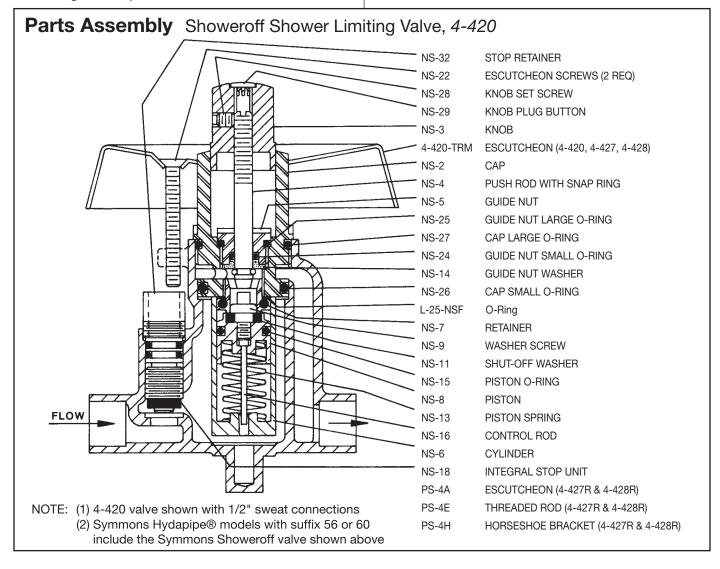
Service:

NS-13R - **Washer & Gasket Repair Kit**, includes piston unit, control rod sleeve, sleeve, retainer and all necessary washers and gaskets.

NS-1 - **Complete Replacement Unit,** includes the complete working unit of the valve assembled and tested)

New installations, before turning on the water supply, remove cartridge, open stop and thoroughly flush supply line. Replace cartridge and turn on supply. If supply is not thoroughly flushed of dirt and foreign matter, the valve will not shut off.

Long idle periods - If the valve has a long idle period between installation and use, or is used seasonally, disassemble the cartridge unit and lightly lubricate all moving parts.



Dimensions Shower off Shower Valve, 4-420 OUTLET 1/2"∞pper connection 1-1/4" (38 mm) 4-1/4" (108 mm) 2-1/16" (52 mm) 2" (51 mm) min.

(1) Illustrated 3" (76 mm) from tubing centerline to face of wall

3" (76 mm) max.

INLET

(25 mm)

(2) Dimensions subject to change without notice

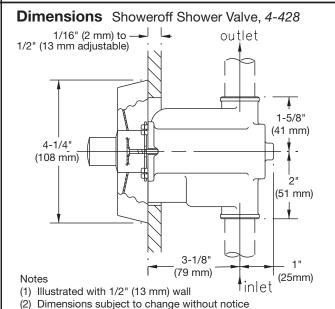
Notes

Dimensions Shower off Shower Limiter Valve, 4-427 1"-25mm -8"-203mm adjustable -3<mark>1</mark>" – 79mm outlet min. opening 4-1/4" (108 mm) 1-3/4" (44 mm) inlet -101mm max. opening 4-5/8" (117 mm) Notes (1) Illustrated with 3" (76 mm) wall

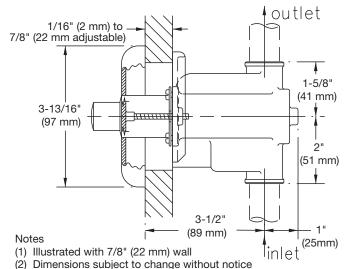
- (2) Dimensions subject to change without notice

Dimensions Shower off Shower Valve. 4-427-R -25mm --203mm adjustable 3³"-86mm outlet min, opening 3-3/4" 1-3/4" (95 mm) (44 mm) ·3¹"-89mm inlet max. opening 4-5/8" (117 mm) Notes (1) Illustrated 3" with (76 mm) wall

- (2) Dimensions subject to change without notice







MARNING: This product can expose you to chemicals including lead, which is known to the state of California to cause cancer, birth, defects, or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.