

N	<div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <b>JAY R. SMITH MFG. CO.®</b>  <small>MEMBER OF MORRIS GROUP INTERNATIONAL          POST OFFICE BOX 3237          MONTGOMERY, ALABAMA 36109-0237 (USA)          TEL: 334-277-8520 FAX: 888-377-7818 www.jrsmith.com</small> </div>				LOCATION																
	PRESSURE DROP ACTIVATED TRAP SEAL PRIMER																				
	TRAP-DEFENDER®																				
	<div style="display: flex; justify-content: space-around;"> <div style="width: 45%;"> </div> <div style="width: 45%;"> </div> </div> <div style="margin-top: 10px;"> <div style="display: flex; justify-content: space-between;"> <div> <p>Fig. 2694-SW 1/2" Sweat Union (Shown)</p> <p>Fig. 2694-UN 1/2" NPT Union</p> <p><b>NPT INLET/OUTLET OR 1/2" COPPER SWEAT UNION</b></p> </div> <div> <p><b>OPTIONAL MATERIALS:</b></p> <p><input type="checkbox"/> Nickel Plated -NP</p> </div> </div> </div>																				
<p><b>REGULARLY FURNISHED:</b></p> <p>Lead Free Brass with 1/2" NPT Connections as illustrated.</p>		<p><b>DISTRIBUTION UNITS</b> (See Submittals)</p> <p>Fig. 2694DA Fig. 2683</p>																			
<p><b>NOTES:</b></p> <ul style="list-style-type: none"> <li>• Minimum Pressure Drop 3 PSI - Reacts to positive or negative changes in water pressure</li> <li>• Operating Pressure Range 20-80 PSIG (138-552 kPa)</li> <li>• The Trap Seal Primer must be installed on a cold water line of 1/2"(13)-1 1/2"(38) pipe size.</li> <li>• Solder Sweat Connections while Disassembled to Prevent Elastomer Damage</li> <li>• Dimensions shown in parentheses are in millimeters.</li> <li>• Assembled &amp; Tested in the USA</li> </ul>																					
<p><b>CAUTION: MUST BE LOCATED IN AN ACCESSIBLE LOCATION.</b></p> <p>The 2694 should not be subjected to continuous, large pressure fluctuations from pumps or other equipment that can cause such fluctuations.</p>																					
<p><b>ASSE</b></p> <p>ASSE 1018 LISTED SEAL NO. 143</p>		<p><b>UPC</b></p> <p>C File 3437 ASSE 1018 CSA B125.3</p>		<div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>COMPLIES with LEAD PLUMBING LAW          "CERTIFIED by IAPMO R &amp; T"          FILE NO. 8477          (NSF/ANSI/CAN 372)</p> </div>																	
<p><b>PATENT NO. 9,708,808 10,190,306</b></p>																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">REV.</td> <td style="width: 15%;">DATE</td> <td style="width: 30%;">DESCRIPTION</td> <td style="width: 10%;">BY</td> <td style="width: 10%;">CKD. BY</td> <td style="width: 10%;">WEIGHT POUNDS</td> <td style="width: 10%;">VOLUME CUBIC FEET</td> <td style="width: 15%;">FIGURE NUMBER</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center; font-size: 1.5em; font-weight: bold;">2694</td> </tr> </table>						REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER								2694
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**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

<b>F</b>	<div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <b>SMITH</b>  <b>FLUID</b>  <b>CONTROLS®</b> </div> <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <b>JAY R. SMITH MFG. CO.®</b>  <small>MEMBER OF MORRIS GROUP INTERNATIONAL          POST OFFICE BOX 3237          MONTGOMERY, ALABAMA 36109-0237 (USA)          TEL: 334-277-8520 FAX: 888-377-7818 www.jrsmith.com</small> </div>				<b>LOCATION</b> <div style="height: 40px; border: 1px solid black;"></div>		
	<b>INSTALLATION INSTRUCTIONS</b>						
DRAWING NUMBER <b>S2694INST</b>	SIZE <b>A</b>	SCALE: <b>NONE</b>	DATE: <b>5-15-18</b>	APPROVED BY: <b>AS</b>	CHECKED BY: <b>AS</b>	DRAWN BY: <b>TBW</b>	FIGURE NUMBER <b>2694INST</b>
WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE							
<div style="display: flex;"> <div style="flex: 1; padding-right: 10px;"> <p>The Fig. 2694 Trap Primer should be connected to a 1/2(13) - 1 1/2"(38) pipe size cold water line only. Do not install on a cold water line serving a drinking fountain only. These devices should be installed in the vertical position, as shown, connected to a tee on the supply line leading to a frequently used fixture or at the end of a supply line and should be accessible for servicing. Before installing Fig. 2694, it is mandatory to flush out the line to remove dirt and scale that may foul trap primer internals. The trap primer valve must be installed a minimum of 12"(305) above flood level of device being served. Must have a minimum of 12"(305) from bottom of outlet before a 90° elbow can be used. Allow one foot of elevation for every 20 feet of distance ran for floor drain make up line. The makeup line from trap primer to the floor drain must have continuous slope. Note flow arrow direction on the trap primer label. Maximum supply pressure 80 psi. Note: A 3 psi (34 kPa) pressure drop across the valve is required to activate delivery of a metered amount of water to the floor drain trap. For supply, pressures below 20 psi or above 80 psi consult factory. The Minimum discharge rate is 0.10 mL Per Pressure Drop. NOTE: Do not install on a tank type water heater supply line due to insufficient pressure drop or a line conveying hot water.</p> </div> <div style="flex: 2;"> </div> </div>							
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>Annual inspection of all water system safety and control valves is required and necessary. Regular inspection, testing and cleaning assures maximum life and proper product function.</b> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>ATTENTION INSTALLER: After Installation, Please Leave This Instruction Sheet For Occupant's Information.</b> </div>							
F E D C	2-10-25 11-4-24 7-18-23 7-31-20	Revised Instructions Added Note Changed BS to INST Revised Instructions	HS HS HS MW	CL CL CL CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER <b>2694INST</b>
REV.	DATE	DESCRIPTION	BY	CKD. BY			