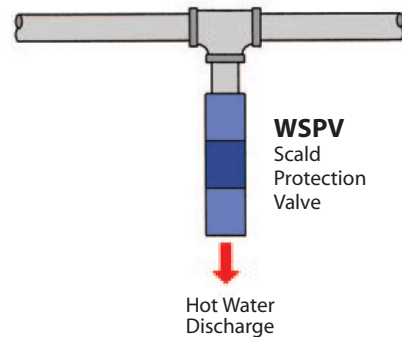
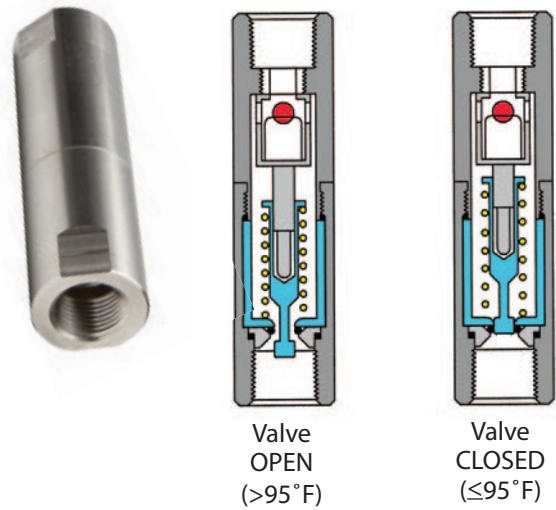


**Stainless Steel**

Model Code	1/2"	<b>WSPV-12-N</b>
	3/4"	<b>WSPV-13-N</b>
Sizes	<b>1/2", 3/4"</b>	
Connections	<b>NPT</b>	
Body Material	<b>Stainless Steel</b>	
PMO Max. Operating Pressure	<b>200 PSIG</b>	
TMO Max. Operating Temperature	<b>300°F</b>	



**Typical Applications**

The **WSPV** is used to protect personnel from accidental scalding by over-heated water or other liquids. Installations such as eye-wash stations and safety showers can become over-heated by piping exposed to solar radiation or a heat exchanger malfunction.

**How It Works**

When water temperature rises above 95°F, the thermal actuator modulates the valve open. If the water exceeds 105°F, the valve will go to full open position in order to discharge the over-heated water. When the water temperature returns to 95°F, the thermal actuator modulates the valve to close.

**Features**

- Corrosion resistant stainless steel body
- Long service life
- Narrow temperature band
- System pressures will not affect opening temperature

**Sample Specification**

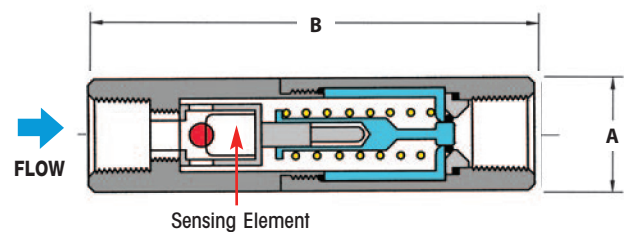
The scald protection valve shall have a stainless steel body and be actuated by a thermal element that senses water temperature. The unit shall feature a ram-type plug for reliable and tight shut-off.

**Installation**

Unit should be installed in a vertical orientation with flow direction downward. For full details, see Installation and Maintenance Manual.

<b>MATERIALS</b>	
Body	Stainless Steel, 303
Seat Seal	PTFE
Plug	Stainless Steel
Spring	Stainless Steel, 302
Thermal Actuator	Stainless Steel

<b>DIMENSIONS &amp; WEIGHTS</b> — inches / pounds			
Size NPT	A	B	Weight (lbs)
1/2"	1 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>2</sub>	0.9
3/4"	1 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	1.4



<b>CAPACITIES</b> — Water (lbs/hr)		
Inlet Pressure (PSIG)	Capacity (lbs/hr)	
	1/2"	3/4"
50	5,300	7,070
75	6,495	8,660
100	7,500	10,000
125	8,385	11,180
150	9,180	12,240
200	10,600	14,140