

**3-Way Boiler Water Valve Size (inches)**

DOUBLE-WALL U-TUBE  
120°F and 140°F Domestic Hot Water

Dark box indicates prefix not available on tanks smaller than 250 gallons

Heater Model Number Prefix	Domestic Water Temp °F	Boiler Water Temperature to Exchanger in °F (design is 20° drop thru U-tube) *								
		160	170	180	190	200	210	220	230	240
250	<b>120</b>	1/2	3/4	3/4	3/4	1	1	1	1	1
<b>500</b>	120	1	1	1	1	1-1/4	1-1/4	1-1/4	n/a	n/a
700	120	1	1	1-1/4	1-1/4	1-1/2	1-1/2	1-1/2	2	2
<b>900</b>	120	1-1/4	1-1/4	1-1/2	1-1/2	1-1/2	2	2	n/a	n/a
1300	120	1-1/2	1-1/2	2	2	2	2-1/2	2-1/2	2-1/2	2-1/2
<b>1700</b>	120	1-1/2	2	2	2-1/2	2-1/2	2-1/2	2-1/2	n/a	n/a
1900	120	2	2	2-1/2	2-1/2	2-1/2	3	3	3	3
2200	120	2	2-1/2	2-1/2	2-1/2	3	3	3	4	4
<b>2500</b>	120	2-1/2	2-1/2	2-1/2	3	3	3	4	4	4
<b>2800</b>	120	2-1/2	2-1/2	3	3	3	4	4	n/a	n/a
2900	120	2-1/2	2-1/2	2-1/2	3	3	4	4	4	4
3400	120	2-1/2	2-1/2	3	3	4	4	4	4	4
<b>3800</b>	120	2-1/2	3	3	4	4	4	4	4	n/a
<b>4200</b>	120	3	3	4	4	4	4	4	n/a	n/a
4400	120	3	4	4	4	4	4	4	4	4
<b>5400</b>	120	3	4	4	4	4	4	4	n/a	n/a
6100	120	4	4	4	4	4	4	4	4	4
<b>6900</b>	120	4	4	4	4	4	4	4	4	
250	<b>140</b>	1/2	1/2	3/4	3/4	3/4	1	1	1	1
<b>500</b>	140	3/4	3/4	1	1	1	1-1/4	1-1/4	1-1/4	n/a
700	140	3/4	1	1	1-1/4	1-1/4	1-1/2	1-1/2	1-1/2	2
<b>900</b>	140	1	1	1-1/4	1-1/2	1-1/2	1-1/2	2	2	n/a
1300	140	1	1-1/4	1-1/2	2	2	2	2-1/2	2-1/2	2-1/2
<b>1700</b>	140	1-1/4	1-1/2	2	2	2-1/2	2-1/2	2-1/2	2-1/2	n/a
1900	140	1-1/4	1-1/2	2	2-1/2	2-1/2	2-1/2	2-1/2	3	3
2200	140	1-1/2	2	2-1/2	2-1/2	2-1/2	3	3	3	4
<b>2500</b>	140	1-1/2	2	2-1/2	2-1/2	3	3	3	4	4
<b>2800</b>	140	2	2-1/2	2-1/2	2-1/2	3	3	4	4	n/a
2900	140	1-1/2	2	2-1/2	2-1/2	3	3	4	4	4
3400	140	2	2-1/2	2-1/2	3	3	4	4	4	4
<b>3800</b>	140	2	2-1/2	3	3	4	4	4	4	4
<b>4200</b>	140	2-1/2	2-1/2	3	4	4	4	4	4	n/a
4400	140	2-1/2	2-1/2	3	4	4	4	4	4	4
<b>5400</b>	140	2-1/2	3	4	4	4	4	4	4	4
6100	140	2-1/2	3	4	4	4	4	4	4	4
<b>6900</b>	140	3	4	4	4	4	4	4	4	4

\* For 40°F drop through exchanger, contact PVI.

