

3-Way Boiler Water Valve Size (inches)

SINGLE-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
300	120	1/2	3/4	3/4	1	1	1	1	1	1-1/4
550	120	3/4	1	1	1-1/4	1-1/4	1-1/4	1-1/2	1-1/2	1-1/2
600	120	1	1	1	1-1/4	1-1/4	1-1/4	1-1/2	1-1/2	n/a
800	120	1	1-1/4	1-1/4	1-1/2	1-1/2	2	2	2	2
1100	120	1-1/4	1-1/2	1-1/2	2	2	2	2-1/2	2-1/2	2-1/2
1500	120	1-1/2	1-1/2	2	2	2-1/2	2-1/2	2-1/2	2-1/2	3
2000	120	2	2	2-1/2	2-1/2	2-1/2	3	3	3	3
2300	120	2	2-1/2	2-1/2	2-1/2	3	3	3	4	4
2600	120	2	2-1/2	2-1/2	3	3	3	4	4	4
3000	120	2-1/2	2-1/2	3	3	4	4	4	4	4
3300	120	2-1/2	2-1/2	3	3	4	4	4	4	4
3500	120	2-1/2	2-1/2	3	4	4	4	4	4	4
4000	120	2-1/2	3	3	4	4	4	4	4	4
4300	120	3	3	4	4	4	4	4	4	4
4400	120	3	4	4	4	4	4	4	4	4
4500	120	3	4	4	4	4	4	4	4	n/a
6300	120	4	4	4	4	4	4	4	4	4
7100	120	4	4	4	4	4	4	4	4	4
8200	120	4	4	4	4	4	4	4	4	4
300	140	1/2	1/2	3/4	3/4	1	1	1	1	1
550	140	1/2"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
600	140	3/4	1	1	1	1-1/4	1-1/4	1-1/4	1-1/2	1-1/2
800	140	3/4	1	1-1/4	1-1/4	1-1/2	1-1/2	1-1/2	2	2
1100	140	1	1-1/4	1-1/4	1-1/2	1-1/2	2	2	2	2-1/2
1500	140	1	1-1/4	1-1/2	2	2	2-1/2	2-1/2	2-1/2	2-1/2
2000	140	1-1/4	1-1/2	2	2-1/2	2-1/2	2-1/2	3	3	3
2300	140	1-1/4	2	2	2-1/2	2-1/2	4	3	3	4
2600	140	1-1/2	2	2-1/2	2-1/2	3	3	3	4	4
3000	140	1-1/2	2	2-1/2	2-1/2	3	4	4	4	4
3300	140	1-1/2	2-1/2	2-1/2	3	3	4	4	4	4
3500	140	2	2-1/2	2-1/2	3	3	4	4	4	4
4000	140	2	2-1/2	3	3	4	4	4	4	4
4300	140	2	2-1/2	3	4	4	4	4	4	4
4400	140	2-1/2	3	4	4	4	4	4	4	4
4500	140	2-1/2	3	3	4	4	4	4	4	4
6300	140	2-1/2	3	4	4	4	4	4	4	4
7100	140	2-1/2	4	4	4	4	4	4	4	4
8200	140	3	4	4	4	4	4	4	4	4

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



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