

Heating Flowing Water

Water qty Gal./min	kW to raise temperature F by:								
	20	40	50	60	80	100	125	150	
0.5	1.5	3	3.6	4.5	6	7.5	9	11	
1	3	6	7.3	9	12	15	18	22	
2	6	12	14.6	18	24	30	36	44	
3	9	17.6	22	26.5	35.2	44	55	66	
4	12	24	29.3	35.2	47	58.6	73.4	88	
5	15	29.4	36.7	44	58.6	73.4	92	110	
10	29.4	58.6	73.4	88	117.4	147	183.4	220	
15	44	88	110	132	176.1	220	275.2	330.2	
20	58.7	117.4	147	176.1	235	293.5	367	440.2	
25	73.4	146.7	183.4	220.1	293.5	367	458.6	550.3	
30	88	176.1	220.1	264.1	352.2	440.2	550.3	660.4	

- 1) Water at atmospheric pressure
- 2) Losses ignored