

Tankless Water Heater Sizing Guide

70°F Incoming Groundwater

50°F Incoming Groundwater

Capacity - Number of Shower Heads (Assuming the set point temperature is 120°F).

Non-Condensing Units

LTI/O-110/U/C	2.5 Showers	  	1.5 Showers	 
LTI/O-310/U/C	3.5 Showers	    	2.5 Showers	  
LTI/O-510/U/C	3.5 Showers	    	2.5 Showers	  

Condensing Units

LTI/O-140H/X3	2.5 Showers	  	1.5 Showers	 
LTI/O-240H/X3	3.5 Showers	    	2.5 Showers	  
LTI/O-340H/X3	4 Showers	    	2.5 Showers	  
LTI/O-540H/X3	4.5 Showers	     	3 Showers	  

FLOW RATE GUIDE *Temperature Rise vs. Gallons per Minute*

Temp Rise	Non-Condensing			Condensing			
	110/U/C	310/U/C	510/U/C	140H	240H	340H	540H
30°	6.6	8.0	10.0	6.6	6.6	8.0	10.0
35°	6.6	8.0	9.3	6.4	6.6	8.0	10.0
40°	5.7	7.8	8.1	5.6	6.6	8.0	9.5
45°	5.1	6.9	7.2	6.0	6.6	7.6	8.4
50°	4.6	6.2	6.5	4.5	6.1	6.8	7.6
55°	4.2	5.7	5.9	4.1	5.5	6.2	6.9
60°	3.8	5.2	5.4	3.7	5.1	5.7	6.3
65°	3.5	4.8	5.0	3.4	4.7	5.3	5.8
70°	3.3	4.4	4.7	3.2	4.3	4.9	5.4
75°	3.1	4.1	4.3	3.0	4.1	4.6	5.0
80°	2.9	3.9	4.1	2.8	3.8	4.3	4.7
85°	2.7	3.7	3.8	2.6	3.6	4.0	4.4
90°	2.5	3.5	3.6	2.5	3.4	3.8	4.2
95°	2.4	3.3	3.4	2.3	3.2	3.6	4.0
100°	2.3	3.1	3.3	2.2	3.0	3.4	3.8

Flow rate is determined by temperature rise. To determine your temperature rise, subtract the incoming water temperature from the set output temperature. All units are factory set to 120°F or 122°F but can be changed.