

## Hot Water Capacity

Ratio Steam Pressure : Cold Water Pressure = 1 : 3  
 Cold Water Temperature 15°C (59°F)

Size (in)	Pressure (Mpa)		Hot Water Flow Amount (l/min)															
	Steam	Cold Water	40°C		50°C		55°C		60°C		65°C		70°C		80°C		90°C	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/2"	0,035	0,105	12	12	9	11	9	9	8	8	7	7						
	0,5	0,15	14	16	11	13	10	11	9	10	9	9						
	0,1	0,3	21	25	15	20	14	18	15	16	14	14						
	0,2	0,6	32	35	27	31	23	27	22	24	21	22						
	0,23	0,69	35	37	30	34	26	30	25	26	23	24						
3/4"	0,035	0,105	18	19	14	14	12	12										
	0,05	0,15	19	23	15	17	15	15										
	0,1	0,3	26	36	22	26	23	23										
	0,2	0,6	42	55	34	39	31	34										
	0,23	0,69	47	59	37	43	33	38										
1"	0,035	0,105	34	44	27	31	26	26	24	24								
	0,05	0,15	40	54	31	38	31	33	30	30								
	0,1	0,3	50	84	42	60	45	52	47	47								
	0,2	0,6	80	126	60	90	62	78	63	70								
	0,23	0,69	91	140	65	100	66	87	68	78								
1 1/2"	0,035	0,105	73	84	52	60	47	50	40	47	36	42	33	38	28	32	28	28
	0,05	0,15	84	104	60	74	54	66	47	58	43	52	38	47	32	40	32	35
	0,1	0,3	113	163	80	116	72	100	63	90	58	80	51	74	43	63	43	54
	0,2	0,6	171	220	122	157	110	135	95	122	87	110	78	100	66	85	57	73
	0,23	0,69	171	220	122	157	110	135	95	122	87	110	78	100	66	85	57	73

Size (in)	Pressure (psig)		Hot Water Flow Amount (US GPM)															
	Steam	Cold Water	104°F		122°F		131°F		140°F		149°F		158°F		176°F		194°F	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/2"	5	15	3.2	3.2	2.4	2.9	2.4	2.4	2.1	2.1	1.9	1.9						
	73	219	3.7	4.3	2.9	3.5	2.7	2.9	2.4	2.7	2.4	2.4						
	15	45	5.6	6.7	4.0	5.3	3.7	4.8	4.0	4.3	3.7	3.7						
	29	87	8.5	9.3	7.2	8.3	6.1	7.2	5.9	6.4	5.6	5.9						
	33	99	9.3	9.9	8.0	9.1	6.9	8.0	6.7	6.9	6.1	6.4						
3/4"	5	15	4.8	5.1	3.7	3.7	3.2	3.2										
	7	21	5.1	6.1	4.0	4.5	4.0	4.0										
	15	45	6.9	9.6	5.9	6.9	6.1	6.1										
	29	87	11.2	14.7	9.1	10.4	8.3	9.1										
	33	99	12.5	15.7	9.9	11.5	8.8	10.1										
1"	5	15	9.1	11.7	7.2	8.3	6.9	6.9	6.4	6.4								
	7	21	10.7	14.4	8.3	10.1	8.2	8.8	8.0	8.0								
	15	45	13.3	22.4	11.2	16.0	12.0	13.8	12.5	12.5								
	29	87	21.3	33.6	16.0	24.0	16.5	20.8	16.8	18.7								
	33	99	24.3	37.3	17.3	26.7	17.6	23.2	18.1	20.8								
1 1/2"	5	15	19.5	22.4	13.9	16.0	12.5	13.3	10.7	12.5	9.6	11.2	8.8	10.1	7.5	8.5	7.5	7.5
	7	21	22.4	27.7	16.0	19.7	14.4	17.6	12.5	15.5	11.4	13.8	10.1	12.5	8.5	10.7	8.5	9.3
	15	45	30.1	43.5	21.3	30.9	19.2	26.6	16.8	24.0	15.4	21.3	13.6	19.7	11.5	16.8	11.5	14.4
	29	87	45.6	58.7	32.5	41.9	29.3	36.0	25.3	32.5	23.2	29.3	20.8	26.7	17.6	22.7	15.2	19.5
	33	99	45.6	58.7	32.5	41.9	29.3	36.0	25.3	32.5	23.2	29.3	20.8	26.7	17.6	22.7	15.2	19.5

### Maximum hot water temperatures for the mixing ratio 1 : 3

- 1/2" : Cold Water Temperature + 50°C (+90°F)
- 3/4" : Cold Water Temperature + 40°C (+72°F)
- 1" : Cold Water Temperature + 45°C (+81°F)
- 1 1/2" : 93°C (199°F)