

## Hot Water Capacity

Ratio Steam Pressure : Cold Water Pressure = 3 : 1

Cold Water Temperature 15°C (59°F)

Size (in)	Pressure (Mpa)		Hot Water Flow Amount (l/min)											
	Steam	Cold Water	40°C		50°C		60°C		70°C		80°C		90°C	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/2"	0,1	0,035	3	3	3	3	3	3	3	3	3	3	3	3
	0,21	0,07	6	8	6	8	6	9	6	9	6	9	6	9
	0,3	0,1	8	12	8	12	9	13	11	13	11	13	11	13
	0,6	0,2	14	20	14	21	14	21	15	21	16	22	21	22
	0,7	0,23	16	22	16	22	16	23	17	23	18	23	22	24
3/4"	0,1	0,035	4	4	4	4	5	5	5	5	5	5	5	5
	0,21	0,07	11	16	11	16	11	17	12	17	12	17	12	18
	0,3	0,1	16	22	14	23	14	23	21	23	21	24	22	24
	0,6	0,2	27	32	23	32	28	33	33	33	34	34	34	34
	0,7	0,23	30	34	25	35	31	35	36	36	36	36	37	37
1"	0,1	0,035	29	32	30	32	30	33	31	33	33	33	29	29
	0,21	0,07	35	45	36	46	36	46	41	47	46	48	44	44
	0,3	0,1	41	54	42	54	43	55	50	56	54	57	55	56
	0,6	0,2	61	76	62	77	63	78	75	79	77	81	78	82
	0,7	0,23	66	82	67	83	68	85	82	86	84	87	85	89
1 1/2"	0,1	0,035	79	83	81	84	82	85	76	76	64	64	56	56
	0,21	0,07	96	117	98	119	99	121	101	115	98	98	85	85
	0,3	0,1	109	140	111	142	112	144	116	147	126	126	110	110
	0,4	0,13	127	161	129	164	131	167	133	169	149	149	138	138
	0,5	0,17	140	180	142	183	145	186	147	189	168	191	166	166

Size (in)	Pressure (psig)		Hot Water Flow Amount (US GPM)											
	Steam	Cold Water	104°F		122°F		140°F		158°F		176°F		194°F	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/2"	15	5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
	30	10	1.6	2.1	1.6	2.1	1.6	2.4	1.6	2.4	1.6	2.4	1.6	2.4
	45	15	2.1	3.2	2.1	3.2	2.4	3.5	2.9	3.5	2.9	3.5	2.9	3.5
	87	29	3.7	5.3	3.7	5.6	3.7	5.6	4.0	5.6	4.3	5.9	5.6	5.9
	99	33	4.3	5.9	4.3	5.9	4.3	6.1	4.5	6.1	4.8	6.1	5.9	6.4
3/4"	15	5	1.1	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	30	10	2.9	4.3	2.9	4.3	2.9	4.5	3.2	4.5	3.2	4.5	3.2	4.8
	45	15	4.3	5.9	3.7	6.1	3.7	6.1	5.6	6.1	5.6	6.4	5.9	6.4
	87	29	7.2	8.5	6.1	8.5	7.5	8.8	8.8	8.8	9.1	9.1	9.1	9.1
	99	33	8.0	9.1	6.7	9.3	8.3	9.3	9.6	9.6	9.6	9.6	9.9	9.9
1"	15	5	7.7	8.5	8.0	8.5	8.0	8.8	8.3	8.8	8.8	8.8	7.7	7.7
	30	10	9.3	12.0	9.6	12.3	9.6	12.3	10.9	12.5	12.3	12.8	11.7	11.7
	45	15	10.9	14.4	11.2	14.4	11.5	14.7	13.3	14.9	14.4	15.2	14.7	14.9
	87	29	16.3	20.3	16.5	20.5	16.8	20.8	20.0	21.1	20.5	21.6	20.8	21.9
	99	33	17.6	21.9	17.9	22.1	18.1	22.7	21.9	22.9	22.4	23.2	22.7	23.7
1 1/2"	15	5	21.1	22.1	21.6	22.4	21.9	22.7	20.3	20.3	17.1	17.1	14.9	14.9
	30	10	25.6	31.2	26.1	31.7	26.4	32.3	26.9	30.7	26.1	26.1	22.7	22.7
	45	15	29.1	37.3	29.6	37.9	29.9	38.4	30.9	39.2	33.6	33.6	29.3	29.3
	57	19	33.9	42.9	34.4	43.7	34.9	44.5	35.5	45.1	39.7	42.4	36.8	36.8
	75	25	37.3	48.0	37.9	48.8	38.7	49.6	39.2	50.4	44.8	50.9	44.3	44.3

Maximum hot water temperatures for the mixing ratio 3 : 1

1/2" : 93°C (199°F)  
 3/4": 93°C (199°F)  
 1": 93°C (199°F)  
 1 1/2": 93°C (199°F)