

Hot Water Capacity

Ratio Steam Pressure : Cold Water Pressure = 1 : 2
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		65°C		70°C		75°C		80°C		90°C	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/2"	0,05	0,1	9	12	11	12	8	10	7	9	7	8	8	8				
	0,1	0,2	16	20	14	20	11	16	11	14	12	13	12	12				
	0,2	0,4	23	29	20	29	15	24	14	22	15	20	16	18				
	0,3	0,6	28	35	28	36	27	32	25	29	22	26	22	24				
	0,35	0,7	31	38	31	38	31	36	28	33	25	30	25	27				
3/4"	0,05	0,1	16	22	13	17	10	13	12	12								
	0,1	0,2	22	32	18	26	18	20	18	18								
	0,2	0,4	31	45	24	39	23	31	24	28								
	0,3	0,6	40	55	34	53	33	41	33	37								
	0,35	0,7	42	59	39	59	38	46	37	42								
1"	0,05	0,1	36	54	26	38	30	30	26	26	24	24						
	0,1	0,2	51	76	37	60	32	47	37	41	38	38						
	0,2	0,4	64	107	46	90	43	70	45	62	48	57						
	0,3	0,6	102	131	74	121	57	94	56	85	55	77						
	0,35	0,7	114	142	89	136	69	106	65	95	60	87						
1 1/2"	0,05	0,1	70	104	50	74	39	58	35	51	32	47	28	43	27	40	23	35
	0,1	0,2	98	163	70	116	55	90	49	83	45	74	41	68	38	63	33	54
	0,2	0,4	141	245	101	175	79	136	70	122	64	112	60	100	54	94	47	82
	0,25	0,5	173	287	123	205	96	159	88	144	79	130	73	120	66	110	58	96

Size (in)	Pressure (psig)		Hot Water Flow Amount (US GPM)															
	Steam	Cold Water	104°F		122°F		140°F		149°F		158°F		167°F		176°F		194°F	
			Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/2"	7	14	2.4	3.2	2.9	3.2	2.1	2.7	1.9	2.4	1.9	2.1	2.1	2.1				
	15	30	4.3	5.3	3.7	5.3	2.9	4.3	2.9	3.7	3.2	3.5	3.2	3.2				
	29	58	6.1	7.7	5.3	7.7	4.0	6.4	3.7	5.9	4.0	5.3	4.3	4.8				
	44	88	7.5	9.3	7.5	9.6	7.2	8.5	6.7	7.7	5.9	6.9	5.9	6.4				
	51	102	8.3	10.1	8.3	10.1	8.3	9.6	7.5	8.8	6.7	8.0	6.7	7.2				
3/4"	7	14	4.3	5.9	3.5	4.5	2.7	3.5	3.2	3.2								
	15	30	5.9	8.5	4.8	6.9	4.8	5.3	4.8	4.8								
	29	58	8.3	12.0	6.4	10.4	6.1	8.3	6.4	7.5								
	44	88	10.7	14.7	9.1	14.1	8.8	10.9	8.8	9.9								
	51	102	11.2	15.7	10.4	15.7	10.1	12.3	9.9	11.2								
1"	7	14	9.6	14.4	6.9	10.1	9.0	8.0	6.9	6.9	6.4	6.4						
	15	30	13.6	20.3	9.9	16.0	8.5	12.5	9.8	10.9	10.1	10.1						
	29	58	17.1	28.5	12.3	24.0	11.5	18.7	12.0	16.5	12.8	15.2						
	44	88	27.2	34.9	19.7	32.3	15.2	25.1	14.9	22.6	14.7	20.5						
	51	102	30.4	37.9	23.7	36.3	18.4	28.3	17.3	25.3	16.0	23.2						
1 1/2"	7	14	18.7	27.7	13.3	19.7	10.4	15.5	9.3	13.6	8.5	12.5	7.4	11.4	7.2	10.7	6.1	9.3
	15	30	26.1	43.5	18.7	30.9	14.7	24.0	13.0	22.1	12.0	19.7	10.9	18.1	10.1	16.8	8.8	14.4
	29	58	37.6	65.3	26.9	46.7	21.1	36.3	18.6	32.5	17.1	29.9	16.0	26.6	14.4	25.1	12.5	21.9
	36	72	46.1	76.5	32.8	54.7	25.6	42.4	23.4	38.4	21.1	34.7	19.4	32.0	17.6	29.3	15.5	25.6

Maximum hot water temperatures for the mixing ratio 1 : 2

- 1/2" : Cold Water Temperature + 60°C (+108°F)
- 3/4" : Cold Water Temperature + 50°C (+90°F)
- 1" : Cold Water Temperature + 55°C (+99°F)
- 1 1/2" : 93°C (199°F)