

390 Selection Table

NOTES:

- 1) TABLE SELECTIONS ARE FOR INTERMITTENT OPERATION - If system requires continuous operating pumps consult factory for pump selection.
- 2) Apply firing factor to evaporation rate to obtain actual pump capacity required.
- 3) MODEL NUMBER EXAMPLE:
391-3 / .75 designates 391-3 pump size with .75 H.P. motor.
ALL PUMPS ARE 2 POLES OR 3600 RPM MOTOR.
- 4) For selections not shown, please refer to factory.

BOILER SIZE H.P.	EVAP. RATE IN GPM	PUMP CAPACITY IN GALLONS BOILER OPERATION PRESSURE (PSI)							282A DUAL (TWO BOILERS-TWO PUMPS- LARGE RECEIVER) 60 CYCLE			283A TRIPLEX (TWO BOILERS-THREE PUMPS- ONE PUMP STANDBY) 60 CYCLE		
									TANK CAPACITY GALLONS	TANK SIZE INCHES	MAKE-UP VALVE SIZE	TANK CAPACITY GALLONS	TANK SIZE INCHES	MAKE-UP VALVE SIZE
		15#	100#	125#	150#	175#	200#	250#						
15	1.0	2.0	4.1	4.3	4.6	4.8	5.0	5.5	30	16x37	3/4" NPT	-	-	-
20	1.4	2.4	4.5	4.7	5.0	5.2	5.4	5.9	60	22X37	3/4" NPT	-	-	-
25	1.7	2.8	4.9	5.1	5.4	5.6	5.8	6.3	60	22X37	3/4" NPT	-	-	-
30	2.1	3.2	5.3	5.5	5.8	6.0	6.2	6.7	60	22X37	3/4" NPT	-	-	-
40	2.8	4.0	6.1	6.3	6.6	6.8	7.0	7.4	100	24X51	3/4" NPT	-	-	-
50	3.5	4.8	6.8	7.1	7.4	7.6	7.8	8.2	100	24X51	3/4" NPT	350	42X60	1-1/2" NPT
60	4.2	5.6	7.6	7.9	8.2	8.4	8.6	9.0	100	24X51	3/4" NPT	350	42X60	1-1/2" NPT
70	4.8	6.4	8.4	8.7	9.0	9.2	9.4	12.9	200	30X65	1" NPT	350	42X60	1-1/2" NPT
80	5.5	7.2	9.2	9.5	9.8	10.0	10.2	13.7	200	30X65	1" NPT	350	42X60	1-1/2" NPT
100	6.9	8.7	10.8	11.1	11.3	11.6	11.8	15.3	250	36X60	1" NPT	350	42X60	1-1/2" NPT
125	8.6	10.7	12.8	13.1	13.3	13.6	13.8	15.7	250	36X60	1" NPT	350	42X60	1-1/2" NPT
150	10.7	12.7	14.4	15.1	15.3	15.5	15.8	17.7	350	42X60	1-1/2" NPT	350	42X60	1-1/2" NPT
200	13.8	16.7	18.8	19.0	19.3	19.5	19.7	21.7	500	42X84	1-1/2" NPT	500	42X84	1-1/2" NPT
250	17.3	20.6	22.7	23.0	23.2	23.5	23.7	27.2	500	42X84	1-1/2" NPT	500	42X84	1-1/2" NPT
300	20.7	24.6	26.7	27.0	27.2	27.4	30.5	31.1	750	48X96	1-1/2" NPT	750	48X96	1-1/2" NPT
350	24.2	30.8	32.9	3.4	33.8	34.2	34.5	33.6	750	48X96	1-1/2" NPT	750	48X96	1-1/2" NPT
400	27.6	34.8	36.9	37.4	37.8	38.1	38.0	34.7	1000	48X120	1-1/2" NPT	1000	48X120	1-1/2" NPT
500	34.5	42.7	44.8	45.3	45.7	46.1	46.4	57.5	1000	48X120	1-1/2" NPT	1000	48X120	1-1/2" NPT
600	41.5	50.7	52.8	53.2	53.6	63.2	64.0	65.4	-	-	-	-	-	-
700	48.3	58.6	60.7	61.2	61.6	71.1	71.9	73.3	-	-	-	-	-	-