

TABLE OF BOILER RATING and WATER REQUIREMENT

KW	Mega W	Nom. HP	Nominal LPHr Feed water	LPHr w/- 10% Blow Down
50	0.05	5.1	80	88
100	0.1	10.2	160	176
150	0.15	15.3	239	263
200	0.20	20.4	319	351
250	0.25	25.5	399	439
300	0.30	30.6	479	527
350	0.35	35.7	558	614
400	0.40	40.8	638	702
450	0.45	45.9	718	790
500	0.50	51.0	798	878
600	0.60	61.2	957	1053
700	0.70	71.3	1117	1229
800	0.80	81.9	1276	1404
1000	1.00	101.9	1596	1756
1250	1.25	127.4	1994	2194
1500	1.50	152.9	2393	2633
2000	2.00	203.9	3190	3509
2500	2.50	254.8	3988	4387
3000	3.00	305.8	4785	5264
3500	3.50	356.8	5583	6142
4000	4.00	407.7	6380	7018
4500	4.50	458.6	7178	7896
5000	5.00	509.6	7975	8773
5500	5.55	557.3	8773	9651
6000	6.00	611.5	9570	10527
6500	6.50	662.5	10368	11405
7000	7.00	713.5	11165	12282
7500	7.50	764.4	11963	13160
8000	8.00	815.4	12760	14036
8500	8.50	866.3	13558	14914
9000	9.00	917.3	14355	15791
10000	10.00	1019.2	15950	17545
11000	11.00	1121.1	17545	19300
12000	12.00	1223.1	19140	21054
13000	13.00	1325.0	20735	22809
14000	14.00	1426.9	22330	24563
15000	15.00	1528.8	23925	26318
16000	16.00	1630.8	25520	28072
17000	17.00	1732.7	27115	29827
18000	18.00	1834.6	28710	31581
19000	19.00	1936.5	30305	33336
20000	20.00	2038.4	31900	35090
21000	21.00	2140.4	33495	36845
22000	22.00	2242.3	35090	38599
23000	23.00	2344.2	36685	40354
24000	24.00	2446.1	38280	42108
25000	25.00	2548	39875	43863

Conversion Formula: Boiler HP = KW x 0.10192

LPHr Water = Boiler KW x 1.595 Nominal LPHr Water = Boiler HP x 15.65