

# Steam Table



PSI Steam @ Inlet	Saturated Temp F	Sensible heat (lost in condensate) btu/#	Latent Heat (transferred to water) btu/#
0	212	180	970
1	215	183	967
2	218	186	965
3	222	190	963
4	224	193	961
5	227	195	959
6	230	198	958
7	232	200	956
8	235	203	955
9	237	205	953
10	239	208	952
11	242	210	950
12	244	212	949
13	246	214	947
14	248	216	946
15	250	218	945
16	252	220	943
17	254	222	942
18	255	224	941
19	257	226	940
20	259	227	939
25	267	236	933
30	274	243	926
35	281	250	923
40	287	256	919
45	292	262	914
50	298	267	911
55	302	272	907
60	307	277	903
65	312	282	900
70	316	286	897
75	320	290	893
80	324	294	890
85	327	298	888
90	331	301	887
95	334	305	884
100	338	308	882
105	341	312	877
110	343	314	877
115	347	318	872
120	350	321	872
125	353	324	867
130	355	327	867
135	358	329	864
140	361	332	862
145	363	335	860
150	366	337	858

**TRAP SIZING:**      Condensate in #/ Hour =  $\frac{\text{GPM} \times 500 \times 1 \times 1 \times (\text{Temp H/E out} - \text{Temp H/E in}) \times 1.5 \text{ s f}}{\text{Latent heat value @ steam in temp}}$

**TRAP SIZING @ 1/2 psi differential**