

**PARKER BOILER CO.**  
**TABLE 3B**  
**THERMODYNAMIC PROPERTIES OF SATURATED STEAM**  
**BASED ON PRESSURES**

PRESSURE PSI		TEMPERATURE °F +	SPECIFIC VOLUME CU. FT./LB V <sub>g</sub>	ENTHALPY BTU/LB		
ABSOLUTE P	GAGE P			SAT. LIQUID h <sub>f</sub>	EVAPORATION h <sub>fg</sub>	SAT. VAPOR h <sub>g</sub>
1.0	-	101.74	333.6	69.70	1036.3	1106.0
2.0	-	126.08	173.73	93.99	1022.2	1116.2
3.0	-	141.48	118.71	109.37	1013.2	1122.6
4.0	-	152.97	90.63	120.86	1006.4	1127.3
5.0	-	162.24	73.52	130.13	1001.0	1131.1
6.0	-	170.06	61.98	137.96	996.2	1134.2
7.0	-	176.85	53.64	144.76	992.1	1136.9
8.0	-	182.86	47.34	150.79	988.5	1139.3
9.0	-	188.28	42.40	156.22	985.2	1141.4
10.0	-	193.21	38.42	161.17	982.1	1143.3
11.0	-	197.25	35.14	165.73	979.3	1145.0
12.0	-	201.96	32.40	169.96	976.6	1146.6
13.0	-	205.88	30.06	173.91	974.2	1148.1
14.0	-	209.56	28.04	177.61	971.9	1149.5
14.696	0	212.00	26.80	180.07	970.3	1150.4
15.0	0.3	213.03	26.29	181.11	969.7	1150.8
16.0	1.3	216.32	24.75	184.42	967.6	1152.0
17.0	2.3	219.44	23.39	187.56	965.5	1153.1
18.0	3.3	222.41	22.17	190.56	963.6	1154.2
19.0	4.3	225.24	21.08	193.42	961.9	1155.3
20.0	5.3	227.96	20.09	196.16	960.1	1156.3
25.0	10.3	240.07	16.30	208.42	952.1	1160.6
30.0	15.3	250.33	13.75	218.82	945.3	1164.1
35.0	20.3	259.28	11.90	227.91	939.2	1167.1
40.0	25.3	267.25	10.498	236.03	933.7	1169.7
45.0	30.3	274.44	9.401	243.36	928.6	1172.0
50.0	35.3	281.01	8.515	250.09	924.0	1174.1
55.0	40.3	287.07	7.787	256.30	919.6	1175.3
60.0	45.3	292.71	7.175	262.09	915.5	1177.6
65.0	50.3	297.97	6.655	267.50	911.6	1179.1
70.0	55.3	302.92	6.206	272.61	907.9	1180.6
75.0	60.3	307.60	5.816	277.43	904.5	1181.9
80.0	65.3	312.03	5.472	282.02	901.1	1183.1
85.0	70.3	316.25	5.168	268.39	897.8	1184.2
90.0	75.3	320.27	4.896	290.56	894.7	1185.3
95.0	80.3	324.12	4.652	294.56	891.7	1186.2
100.0	85.3	327.81	4.432	298.40	888.8	1187.2
105.0	90.3	331.36	4.232	302.10	886.0	1188.1
110.0	95.3	334.77	4.049	305.66	883.2	1188.9
115.0	100.3	338.07	3.882	309.11	880.6	1189.7