

**PARKER BOILER CO.**  
**TABLE 3A**  
**THERMODYNAMIC PROPERTIES OF SATURATED STEAM**  
**BASED ON TEMPERATURES**

TEMP. °F +	ABSOLUTE PRESSURE		SPECIFIC VOLUME CU FT/LB		ENTHALPY BTU/LB		
	PSI	IN HG	SAT. LIQUID $v_f$	SAT. VAPOR $v_g$	SAT. LIQUID $h_f$	EVAP. $h_{fg}$	SAT. VAPOR $h_g$
32.0	.08854	.1803	.01602	3306.0	0.00	1075.8	1075.8
35.0	.09995	.2035	.01602	2947.0	3.02	1074.1	1077.1
40.0	.12170	.2478	.01602	2444.0	8.05	1071.3	1079.3
45.0	.14752	.3004	.01602	2036.4	13.06	1068.4	1081.5
50.0	.17811	.3626	.01603	1703.2	18.07	1065.6	1083.7
55.0	.2141	.4359	.01603	1430.7	23.07	1062.7	1085.8
60.0	.2563	.5218	.01604	1206.7	28.06	1059.9	1088.0
65.0	.3056	.6222	.01605	1021.4	33.05	1057.1	1090.2
70.0	.3631	.7392	.01606	867.9	38.04	1054.3	1092.3
75.0	.4298	.8750	.01607	740.0	43.03	1051.5	1094.5
80.0	.5069	1.0321	.01608	633.1	48.02	1048.6	1096.6
85.0	.5959	1.2133	.01609	543.5	53.00	1045.8	1098.8
90.0	.6982	1.4515	.01610	468.0	57.99	1042.9	1100.9
95.0	.8153	1.6600	.01612	404.3	62.98	1040.1	1103.1
100.0	.9492	1.9325	.01613	350.4	67.97	1037.2	1105.2
105.0	1.1016	2.2429	.01615	304.5	72.95	1034.3	1107.3
110.0	1.2748	2.5955	.01617	265.4	77.94	1031.6	1109.5
115.0	1.4709	2.9948	.01618	231.9	82.93	1028.7	1111.6
120.0	1.6924	3.4458	.01620	203.3	87.92	1025.8	1113.7
125.0	1.9420	3.9539	.01622	178.6	92.91	1022.9	1115.8
130.0	2.2225	4.5251	.01625	157.34	97.90	1020.0	1117.9
135.0	2.5370	5.1653	.01627	138.95	102.90	1017.0	1119.9
140.0	2.8886	5.8812	.01629	123.01	107.89	1014.1	1122.0
145.0	3.281	6.680	.01632	109.15	112.89	1011.2	1124.1
150.0	3.718	7.569	.01634	97.07	117.89	1008.2	1126.1
160.0	4.741	9.652	.01639	77.29	127.89	1002.3	1130.2
170.0	5.992	12.199	.01645	62.06	137.90	996.3	1134.2
180.0	7.510	15.291	.01651	50.23	147.92	990.2	1138.1
190.0	9.339	19.014	.01657	40.96	157.95	984.1	1142.0
200.0	11.526	23.467	.01663	33.64	167.99	977.9	1145.9
210.0	14.123	28.755	.01670	27.82	178.05	971.6	1149.7
220.0	17.186	34.992	.01677	23.15	188.13	965.2	1153.4
230.0	20.780	42.308	.01684	19.38	198.23	958.8	1157.0
240.0	24.969	50.837	.01692	16.32	208.34	952.2	1160.5
250.0	29.825	60.725	.01700	13.82	218.48	945.5	1164.0