

TABLE 3. PROPERTIES OF SATURATED STEAM: PRESSURE TABLE^a

ABS. PRESS. IN. HG <i>p</i>	TEMP F <i>t</i>	SPECIFIC VOLUME		ENTHALPY			ENTROPY			ABS. PRESS. IN. HG <i>p</i>
		Sat. Liquid <i>v_f</i>	Sat. Vapor <i>v_g</i>	Sat. Liquid <i>h_f</i>	Evap. <i>h_{fg}</i>	Sat. Vapor <i>h_g</i>	Sat. Liquid <i>s_f</i>	Evap. <i>s_{fg}</i>	Sat. Vapor <i>s_g</i>	
0.25	40.23	0.01602	2423.7	8.28	1071.1	1079.4	0.0166	2.1423	2.1589	0.25
0.50	58.80	0.01604	1256.4	26.86	1060.6	1087.5	0.0532	2.0453	2.0985	0.50
0.75	70.43	0.01606	856.1	38.47	1054.0	1092.5	0.0754	1.9881	2.0635	0.75
1.00	79.03	0.01608	652.3	47.05	1049.2	1096.3	0.0914	1.9473	2.0387	1.00
1.5	91.72	0.01611	444.9	59.71	1042.0	1101.7	0.1147	1.8894	2.0041	1.5
2	101.14	0.01614	339.2	69.10	1036.6	1105.7	0.1316	1.8481	1.9714	2
3	125.43	0.01622	176.7	93.34	1022.7	1116.0	0.1738	1.7476	1.9214	3
4	140.78	0.01630	120.72	108.67	1013.6	1122.3	0.1996	1.6881	1.8777	4
6	152.24	0.01635	92.16	120.13	1006.9	1127.0	0.2186	1.6454	1.8640	6
8	161.49	0.01640	74.76	129.38	1001.4	1130.8	0.2335	1.6121	1.8456	8
10										10
12	169.28	0.01644	63.03	137.18	996.7	1133.9	0.2460	1.5847	1.8307	12
14	176.05	0.01648	54.55	143.96	992.6	1136.6	0.2568	1.5613	1.8181	14
16	182.05	0.01652	48.14	149.98	988.9	1138.9	0.2662	1.5410	1.8072	16
18	187.45	0.01655	43.11	155.39	985.7	1141.1	0.2746	1.5231	1.7977	18
20	192.37	0.01658	39.07	160.33	982.7	1143.0	0.2822	1.5069	1.7891	20
22	196.90	0.01661	35.73	164.87	979.8	1144.7	0.2891	1.4923	1.7814	22
24	201.09	0.01664	32.94	169.09	977.6	1146.3	0.2955	1.4789	1.7744	24
26	205.00	0.01667	30.56	173.02	974.8	1147.8	0.3014	1.4665	1.7679	26
28	208.67	0.01669	28.52	176.72	972.5	1149.2	0.3069	1.4550	1.7619	28
30	212.13	0.01672	26.74	180.19	970.3	1150.5	0.3122	1.4442	1.7564	30
Lb/Sq In. 14.696	212.00	0.01672	26.80	180.07	970.3	1150.4	0.3120	1.4446	1.7566	Lb/Sq In. 14.696
16	216.32	0.01674	24.75	184.42	967.5	1152.0	0.3184	1.4313	1.7497	16
18	222.41	0.01679	22.17	190.56	963.6	1154.2	0.3275	1.4128	1.7403	18
20	227.96	0.01683	20.089	196.16	960.1	1156.3	0.3358	1.3962	1.7319	20
22	233.07	0.01687	18.375	201.33	956.8	1158.1	0.3431	1.3817	1.7242	22
24	237.32	0.01691	16.938	206.14	953.7	1159.6	0.3500	1.3672	1.7172	24
26	242.25	0.01694	15.715	210.62	950.7	1161.3	0.3564	1.3544	1.7108	26
28	246.41	0.01698	14.663	214.83	947.9	1162.7	0.3623	1.3425	1.7048	28
30	250.33	0.01701	13.746	218.82	945.3	1164.1	0.3680	1.3313	1.6993	30
32	254.05	0.01704	12.940	222.59	942.8	1165.4	0.3733	1.3209	1.6941	32
34	257.58	0.01707	12.226	226.18	940.3	1166.5	0.3783	1.3110	1.6893	34
36	260.95	0.01709	11.588	229.60	938.0	1167.6	0.3831	1.3017	1.6848	36
38	264.16	0.01712	11.015	232.89	935.8	1168.7	0.3876	1.2929	1.6805	38
40	267.25	0.01715	10.498	236.03	933.7	1169.7	0.3919	1.2844	1.6763	40
42	270.21	0.01717	10.029	239.04	931.6	1170.7	0.3960	1.2764	1.6724	42
44	273.05	0.01720	9.601	241.95	929.6	1171.6	0.4000	1.2687	1.6687	44
46	275.80	0.01722	9.209	244.75	927.7	1172.4	0.4038	1.2613	1.6652	46
48	278.45	0.01725	8.848	247.47	925.8	1173.3	0.4075	1.2542	1.6617	48
50	281.01	0.01727	8.515	250.09	924.0	1174.1	0.4110	1.2474	1.6585	50
52	283.49	0.01729	8.208	252.63	922.2	1174.8	0.4144	1.2409	1.6553	52
54	285.90	0.01731	7.922	255.09	920.5	1175.6	0.4177	1.2346	1.6523	54
56	288.23	0.01733	7.656	257.50	918.8	1176.3	0.4209	1.2285	1.6494	56
58	290.50	0.01736	7.407	259.82	917.1	1176.9	0.4240	1.2226	1.6466	58
60	292.71	0.01738	7.175	262.09	915.5	1177.6	0.4270	1.2168	1.6438	60
62	294.85	0.01740	6.957	264.30	913.9	1178.2	0.4300	1.2112	1.6412	62
64	296.94	0.01742	6.762	266.45	912.3	1178.8	0.4328	1.2059	1.6387	64
66	298.99	0.01744	6.560	268.55	910.8	1179.4	0.4356	1.2006	1.6362	66
68	300.98	0.01746	6.378	270.60	909.4	1180.0	0.4383	1.1955	1.6338	68
70	302.92	0.01748	6.206	272.61	907.9	1180.6	0.4409	1.1906	1.6315	70
72	304.83	0.01750	6.044	274.57	906.5	1181.1	0.4435	1.1857	1.6292	72
74	306.68	0.01752	5.890	276.49	905.1	1181.6	0.4460	1.1810	1.6270	74
76	308.50	0.01754	5.743	278.37	903.7	1182.1	0.4484	1.1764	1.6248	76
78	310.29	0.01755	5.604	280.21	902.4	1182.6	0.4508	1.1720	1.6228	78
80	312.03	0.01757	5.472	282.02	901.1	1183.1	0.4531	1.1676	1.6207	80
82	313.74	0.01759	5.346	283.79	899.7	1183.5	0.4554	1.1633	1.6187	82
84	315.42	0.01761	5.226	285.53	898.5	1184.0	0.4576	1.1592	1.6168	84
86	317.07	0.01762	5.111	287.24	897.2	1184.4	0.4598	1.1551	1.6149	86
88	318.68	0.01764	5.001	288.91	895.9	1184.8	0.4620	1.1510	1.6130	88
90	320.27	0.01766	4.898	290.56	894.7	1185.3	0.4641	1.1471	1.6112	90
92	321.83	0.01768	4.796	292.18	893.5	1185.7	0.4661	1.1433	1.6094	92
94	323.36	0.01769	4.699	293.78	892.3	1186.1	0.4682	1.1394	1.6076	94
96	324.87	0.01771	4.606	295.34	891.1	1186.4	0.4702	1.1358	1.6060	96
98	326.35	0.01772	4.517	296.89	889.9	1186.8	0.4721	1.1322	1.6043	98
100	327.81	0.01774	4.432	298.40	888.8	1187.2	0.4740	1.1286	1.6026	100
102	329.25	0.01775	4.350	300.00	887.6	1187.6	0.4758	1.1250	1.6010	102
104	330.79	0.01777	4.272	301.51	886.5	1188.0	0.4776	1.1214	1.5994	104
106	332.31	0.01778	4.200	303.00	885.4	1188.4	0.4794	1.1178	1.5978	106
108	333.82	0.01779	4.132	304.49	884.3	1188.8	0.4812	1.1142	1.5962	108
110	335.32	0.01780	4.068	306.00	883.2	1189.2	0.4830	1.1106	1.5946	110
112	336.81	0.01781	4.008	307.50	882.1	1189.6	0.4848	1.1070	1.5930	112
114	338.29	0.01782	3.952	309.00	881.0	1190.0	0.4866	1.1034	1.5914	114
116	339.76	0.01783	3.900	310.50	879.9	1190.4	0.4884	1.1000	1.5898	116
118	341.22	0.01784	3.852	312.00	878.8	1190.8	0.4902	1.0964	1.5882	118
120	342.67	0.01785	3.808	313.50	877.7	1191.2	0.4920	1.0928	1.5866	120
122	344.11	0.01786	3.768	315.00	876.6	1191.6	0.4938	1.0892	1.5850	122
124	345.54	0.01787	3.732	316.50	875.5	1192.0	0.4956	1.0856	1.5834	124
126	346.96	0.01788	3.700	318.00	874.4	1192.4	0.4974	1.0820	1.5818	126
128	348.37	0.01789	3.672	319.50	873.3	1192.8	0.4992	1.0784	1.5802	128
130	349.77	0.01790	3.648	321.00	872.2	1193.2	0.5010	1.0748	1.5786	130
132	351.16	0.01791	3.628	322.50	871.1	1193.6	0.5028	1.0712	1.5770	132
134	352.54	0.01792	3.612	324.00	870.0	1194.0	0.5046	1.0676	1.5754	134
136	353.91	0.01793	3.598	325.50	869.0	1194.4	0.5064	1.0640	1.5738	136
138	355.27	0.01794	3.588	327.00	868.0	1194.8	0.5082	1.0604	1.5722	138
140	356.62	0.01795	3.580	328.50	867.0	1195.2	0.5100	1.0568	1.5706	140
142	357.96	0.01796	3.574	330.00	866.0	1195.6	0.5118	1.0532	1.5690	142
144	359.29	0.01797	3.570	331.50	865.0	1196.0	0.5136	1.0496	1.5674	144
146	360.61	0.01798	3.568	333.00	864.0	1196.4	0.5154	1.0460	1.5658	146
148	361.92	0.01799	3.568	334.50	863.0	1196.8	0.5172	1.0424	1.5642	148
150	363.22	0.01800	3.570	336.00	862.0	1197.2	0.5190	1.0388	1.5626	150
152	364.51	0.01801	3.574	337.50	861.0	1197.6	0.5208	1.0352	1.5610	152
154	365.79	0.01802	3.580	339.00	860.0	1198.0	0.5226	1.0316	1.5594	154
156	367.06	0.01803	3.588	340.50	859.0	1198.4	0.5244	1.0280	1.5578	156
158	368.32	0.01804	3.598	342.00	858.0	1198.8	0.5262	1.0244	1.5562	158
160	369.57	0.01805	3.610	343.50	857.0	1199.2	0.5280	1.0208	1.5546	160
162	370.81	0.01806	3.624	345.00	856.0	1199.6	0.5298	1.0172	1.	

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