

STEAM TABLES

WITH MOLLIER DIAGRAM

IN S.I. UNITS

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S. CHAND

TABLE 1
Saturated Water and Steam (Temperature) Tables

Temperature in °C (t)	Absolute pressure in bar (p)	Specific volume in m ³ /kg		Specific enthalpy in kJ/kg		Specific entropy in kJ/kg K		Temperature in °C (t)	
		Water (v _f)	Steam (v _g)	Water (h _f)	Evaporation (h _{fg})	Steam (h _g)	Water (s _f)		Evaporation (s _{fg})
0	0.00611	0.001000	206.31	0.0	2.501.6	2.501.6	0.000	9.158	9.158
1	0.00657	0.001000	192.61	4.2	2.499.2	2.503.4	0.015	9.116	9.131
2	0.00706	0.001000	179.92	8.4	2.496.8	2.505.2	0.031	9.074	9.105
3	0.00758	0.001000	168.17	12.6	2.494.5	2.507.1	0.046	9.033	9.079
4	0.00813	0.001000	157.27	16.8	2.492.1	2.508.9	0.061	8.992	9.053
5	0.00872	0.001000	147.16	21.0	2.489.7	2.510.7	0.076	8.951	9.027
6	0.00935	0.001000	137.78	25.2	2.487.4	2.512.6	0.091	8.911	9.002
7	0.01001	0.001000	129.06	29.4	2.485.0	2.514.4	0.106	8.870	8.976
8	0.01072	0.001000	120.97	33.6	2.482.6	2.516.2	0.121	8.830	8.951
9	0.01147	0.001000	113.44	37.8	2.480.3	2.518.1	0.136	8.791	8.927
10	0.01227	0.001000	106.43	42.0	2.477.9	2.519.9	0.151	8.751	8.902
11	0.01312	0.001000	99.909	46.2	2.475.5	2.521.7	0.166	8.712	8.878
12	0.01401	0.001000	93.835	50.4	2.473.2	2.523.6	0.181	8.673	8.854
13	0.01497	0.001001	88.176	54.6	2.470.8	2.525.4	0.195	8.635	8.830
14	0.01597	0.001001	82.900	58.7	2.468.5	2.527.2	0.210	8.597	8.806
15	0.01704	0.001001	77.978	62.9	2.466.1	2.529.1	0.224	8.559	8.783
16	0.01817	0.001001	73.384	67.1	2.463.8	2.530.9	0.239	8.520	8.759
17	0.01936	0.001001	69.095	71.3	2.461.4	2.532.7	0.253	8.483	8.736
18	0.02062	0.001001	65.087	75.5	2.459.0	2.534.5	0.268	8.446	8.714
19	0.02196	0.001002	61.341	79.7	2.456.7	2.536.4	0.282	8.409	8.691

Saturated Water and Steam (Temperature) Tables

(t)	(p)	(v _f)	(v _g)	(h _f)	(h _{fg})	(h _g)	(s _f)	(s _{fg})	(s _g)	(t)
20	0.02337	0.001002	57.838	83.9	2.454.3	2.538.2	0.296	8.372	8.668	20
21	0.02485	0.001002	54.561	88.0	2.452.0	2.540.0	0.310	8.336	8.646	21
22	0.02642	0.001002	51.492	92.2	2.449.6	2.541.8	0.325	8.299	8.624	22
23	0.02808	0.001002	48.619	96.4	2.447.2	2.543.6	0.339	8.263	8.602	23
24	0.02982	0.001002	45.926	100.6	2.444.9	2.545.5	0.353	8.228	8.581	24
25	0.03166	0.001003	43.402	104.8	2.442.5	2.547.3	0.367	8.192	8.559	25
26	0.03360	0.001003	41.034	108.9	2.440.2	2.549.1	0.381	8.157	8.538	26
27	0.03564	0.001003	38.813	113.1	2.437.8	2.550.9	0.395	8.122	8.517	27
28	0.03778	0.001004	36.728	117.3	2.435.4	2.552.7	0.409	8.087	8.496	28
29	0.04004	0.001004	34.769	121.5	2.433.1	2.554.5	0.423	8.052	8.475	29
30	0.04242	0.001004	32.929	125.7	2.430.7	2.556.4	0.437	8.018	8.455	30
31	0.04491	0.001005	31.199	129.8	2.428.3	2.558.2	0.450	7.984	8.434	31
32	0.04753	0.001005	29.572	134.0	2.425.9	2.560.0	0.464	7.950	8.414	32
33	0.05029	0.001005	28.042	138.2	2.423.6	2.561.8	0.478	7.916	8.394	33
34	0.05318	0.001006	26.601	142.4	2.421.2	2.563.6	0.491	7.883	8.374	34
35	0.05622	0.001006	25.245	146.6	2.418.8	2.565.4	0.505	7.849	8.354	35
36	0.05940	0.001006	23.967	150.7	2.416.4	2.567.2	0.518	7.817	8.333	36
37	0.06274	0.001007	22.763	154.9	2.414.1	2.569.0	0.532	7.783	8.315	37
38	0.06624	0.001007	21.627	159.1	2.411.7	2.570.8	0.545	7.751	8.296	38
39	0.06991	0.001007	20.557	163.3	2.409.3	2.572.6	0.559	7.718	8.277	39
40	0.07375	0.001008	19.546	167.5	2.406.9	2.574.4	0.572	7.686	8.258	40
41	0.07777	0.001008	18.592	171.6	2.404.5	2.576.2	0.585	7.654	8.239	41
42	0.08199	0.001009	17.692	175.8	2.402.1	2.577.9	0.599	7.622	8.221	42
43	0.08639	0.001009	16.841	180.0	2.399.7	2.579.7	0.612	7.591	8.203	43
44	0.09100	0.001009	16.036	184.2	2.397.3	2.581.5	0.625	7.559	8.184	44
45	0.09582	0.001010	15.276	188.4	2.394.9	2.583.3	0.638	7.528	8.166	45
46	0.10080	0.001010	14.557	192.5	2.392.5	2.585.1	0.651	7.497	8.148	46
47	0.10592	0.001011	13.877	196.7	2.390.1	2.586.9	0.664	7.466	8.130	47
48	0.11122	0.001011	13.233	200.9	2.387.7	2.588.6	0.678	7.435	8.113	48
49	0.11736	0.001012	12.623	205.1	2.385.3	2.590.4	0.691	7.404	8.095	49

Saturated Water and Steam (Temperature) Tables

(t)	(p)	(v _l)	(v _g)	(h _l)	(h _{fg})	(h _g)	(s _l)	(s _{fg})	(s _g)	(t)
50	0.123 35	0.001 012	12.046	209.3	2382.9	2592.2	0.704	7.374	8.078	50
51	0.129 61	0.001 013	11.499	213.4	2380.5	2593.9	0.716	7.344	8.060	51
52	0.136 11	0.001 013	10.980	217.6	2378.1	2595.7	0.729	7.314	8.043	52
53	0.142 93	0.001 014	10.488	221.8	2375.7	2597.5	0.742	7.284	8.026	53
54	0.150 02	0.001 014	10.022	226.0	2373.2	2599.2	0.755	7.254	8.009	54
55	0.157 41	0.001 015	9.578 9	230.2	2370.8	2601.0	0.768	7.225	7.993	55
56	0.165 11	0.001 015	9.158 7	234.3	2368.4	2602.8	0.780	7.196	7.976	56
57	0.173 13	0.001 016	8.759 8	238.5	2366.0	2604.5	0.793	7.166	7.959	57
58	0.181 47	0.001 016	8.380 8	242.7	2363.5	2606.2	0.806	7.137	7.943	58
59	0.190 16	0.001 017	8.020 8	246.9	2361.1	2608.0	0.818	7.109	7.927	59
60	0.199 20	0.001 017	7.678 5	251.1	2358.6	2609.7	0.831	7.080	7.911	60
61	0.208 61	0.001 018	7.353 2	255.3	2356.1	2611.4	0.844	7.051	7.895	61
62	0.218 38	0.001 018	7.043 7	259.5	2353.7	2613.2	0.856	7.023	7.879	62
63	0.228 55	0.001 019	6.749 3	263.8	2351.3	2615.0	0.868	6.995	7.863	63
64	0.239 12	0.001 019	6.469 0	267.8	2348.8	2616.6	0.881	6.967	7.848	64
65	0.250 09	0.001 020	6.202 3	272.0	2346.4	2618.4	0.893	6.939	7.832	65
66	0.261 50	0.001 020	5.948 2	276.2	2343.9	2620.1	0.906	6.911	7.817	66
67	0.273 34	0.001 021	5.706 2	280.4	2341.4	2621.8	0.918	6.884	7.802	67
68	0.285 63	0.001 022	5.475 8	284.6	2338.9	2623.5	0.930	6.856	7.786	68
69	0.298 38	0.001 022	5.255 8	288.8	2336.4	2625.2	0.943	6.828	7.771	69
70	0.311 62	0.001 023	5.046 3	293.0	2333.9	2626.9	0.955	6.802	7.757	70
71	0.325 35	0.001 024	4.846 4	297.2	2331.4	2628.6	0.967	6.775	7.742	71
72	0.339 58	0.001 024	4.655 7	301.3	2329.0	2630.3	0.979	6.748	7.727	72
73	0.354 34	0.001 025	4.473 7	305.5	2326.5	2632.0	0.991	6.721	7.712	73
74	0.369 64	0.001 025	4.300 0	309.7	2324.0	2633.7	1.003	6.695	7.698	74
75	0.385 49	0.001 026	4.134 1	313.9	2321.5	2635.4	1.015	6.668	7.683	75
76	0.401 91	0.001 027	3.975 7	318.1	2319.0	2637.0	1.027	6.642	7.669	76
77	0.418 91	0.001 027	3.824 3	322.3	2316.4	2638.7	1.039	6.616	7.655	77
78	0.436 52	0.001 028	3.679 6	326.5	2313.9	2640.4	1.051	6.590	7.641	78
79	0.454 74	0.001 029	3.541 3	330.7	2311.4	2642.1	1.063	6.564	7.627	79

Saturated Water and Steam (Temperature) Tables

(t)	(p)	(v _l)	(v _g)	(h _l)	(h _{fg})	(h _g)	(s _l)	(s _{fg})	(s _g)	(t)
80	0.473 60	0.001 029	3.409 1	334.9	2308.9	2643.8	1.075	6.538	7.613	80
81	0.493 11	0.001 030	3.282 6	339.1	2306.3	2645.4	1.087	6.512	7.599	81
82	0.513 29	0.001 031	3.161 6	343.3	2303.8	2647.1	1.099	6.487	7.586	82
83	0.534 16	0.001 031	3.045 8	347.5	2301.2	2648.7	1.111	6.461	7.572	83
84	0.555 73	0.001 032	2.935 0	351.7	2298.7	2650.4	1.123	6.436	7.559	84
85	0.578 03	0.001 033	2.828 8	355.9	2296.1	2652.0	1.134	6.411	7.545	85
86	0.601 08	0.001 033	2.727 2	360.1	2293.5	2653.6	1.146	6.386	7.532	86
87	0.624 89	0.001 034	2.629 8	364.3	2291.0	2655.3	1.158	6.361	7.519	87
88	0.649 48	0.001 035	2.536 5	368.5	2288.4	2656.9	1.169	6.337	7.506	88
89	0.674 87	0.001 035	2.447 0	372.7	2285.8	2658.5	1.181	6.312	7.493	89
90	0.701 09	0.001 036	2.361 3	376.9	2283.2	2660.1	1.193	6.287	7.480	90
91	0.728 13	0.001 037	2.279 1	381.1	2280.6	2661.7	1.204	6.263	7.467	91
92	0.756 06	0.001 038	2.200 2	385.4	2278.0	2663.4	1.216	6.238	7.454	92
93	0.784 89	0.001 038	2.124 5	389.6	2275.4	2665.0	1.227	6.215	7.442	93
94	0.814 61	0.001 039	2.051 9	393.8	2272.8	2666.6	1.239	6.190	7.429	94
95	0.845 26	0.001 040	1.982 2	398.0	2270.1	2668.1	1.250	6.167	7.417	95
96	0.876 86	0.001 041	1.915 3	402.2	2267.5	2669.7	1.261	6.143	7.404	96
97	0.909 44	0.001 041	1.851 0	406.4	2264.9	2671.3	1.273	6.119	7.392	97
98	0.943 01	0.001 042	1.789 3	410.6	2262.3	2672.9	1.284	6.096	7.380	98
99	0.977 61	0.001 043	1.730 0	414.8	2259.6	2674.4	1.296	6.072	7.368	99
100	1.013 3	0.001 044	1.673 0	419.1	2256.9	2676.0	1.307	6.048	7.355	100
102	1.087 6	0.001 045	1.565 5	427.5	2251.6	2679.1	1.329	6.002	7.331	102
104	1.166 8	0.001 047	1.466 2	435.9	2246.3	2682.2	1.352	5.956	7.308	104
106	1.250 4	0.001 048	1.374 2	444.4	2240.9	2685.3	1.374	5.910	7.284	106
108	1.339 0	0.001 050	1.288 9	452.9	2235.4	2688.3	1.396	5.865	7.261	108
110	1.432 7	0.001 052	1.209 9	461.3	2230.0	2691.3	1.418	5.821	7.239	110
112	1.531 6	0.001 054	1.136 6	469.8	2224.5	2694.3	1.440	5.776	7.216	112
114	1.636 2	0.001 055	1.068 5	478.3	2218.9	2697.2	1.462	5.732	7.194	114
116	1.746 5	0.001 057	1.005 2	486.7	2213.5	2700.2	1.484	5.688	7.172	116
118	1.862 8	0.001 059	0.946 34	495.2	2207.9	2703.1	1.506	5.645	7.151	118

Saturated Water and Steam (Temperature) Tables

(t)	(p)	(v _g)	(v _f)	(v _g)	(h _g)	(h _f)	(h _g)	(s _g)	(s _f)	(t)
120	1.985 4	0.001 061	0.891 52	503.7	2 202.3	2 706.0	1.528	5.601	7.129	120
122	2.114 5	0.001 063	0.840 45	512.2	2 196.6	2 708.8	1.549	5.559	7.108	122
124	2.250 4	0.001 064	0.792 83	520.7	2 190.9	2 711.6	1.570	5.517	7.087	124
126	2.393 3	0.001 066	0.748 40	529.2	2 185.2	2 714.4	1.592	5.475	7.067	126
128	2.543 5	0.001 068	0.706 91	537.8	2 179.4	2 717.2	1.613	5.433	7.046	128
130	2.701 3	0.001 070	0.668 14	546.3	2 173.6	2 719.9	1.634	5.392	7.026	130
132	2.867 0	0.001 072	0.631 88	554.8	2 167.8	2 722.6	1.655	5.351	7.006	132
134	3.040 7	0.001 074	0.597 95	563.4	2 161.9	2 725.3	1.676	5.310	6.986	134
136	3.222 9	0.001 076	0.566 18	572.0	2 155.9	2 727.9	1.697	5.270	6.967	136
138	3.413 8	0.001 078	0.536 41	580.5	2 150.0	2 730.5	1.718	5.229	6.947	138
140	3.613 9	0.001 080	0.508 49	589.1	2 144.0	2 733.1	1.739	5.189	6.928	140
142	3.823 1	0.001 082	0.482 30	597.7	2 137.9	2 735.6	1.760	5.150	6.910	142
144	4.042 0	0.001 084	0.457 71	606.3	2 131.8	2 738.1	1.780	5.111	6.891	144
146	4.270 9	0.001 086	0.434 60	614.9	2 125.7	2 740.6	1.801	5.071	6.872	146
148	4.510 1	0.001 089	0.412 88	623.5	2 119.5	2 743.0	1.821	5.033	6.854	148
150	4.760 0	0.001 091	0.392 45	632.2	2 113.2	2 745.4	1.842	4.994	6.836	150
155	5.433 3	0.001 096	0.346 44	653.8	2 097.4	2 751.2	1.892	4.899	6.791	155
160	6.180 6	0.001 102	0.306 76	675.5	2 081.2	2 756.7	1.943	4.805	6.748	160
165	7.007 7	0.001 108	0.272 40	697.2	2 064.8	2 762.0	1.992	4.713	6.705	165
170	7.920 2	0.001 114	0.242 55	719.1	2 048.0	2 767.1	2.042	4.621	6.663	170
175	8.924 4	0.001 121	0.216 54	741.1	2 030.7	2 771.8	2.091	4.531	6.622	175
180	10.027	0.001 128	0.193 80	763.1	2 013.2	2 776.3	2.139	4.443	6.582	180
185	11.233	0.001 135	0.173 86	785.3	1 995.1	2 780.4	2.187	4.355	6.542	185
190	12.551	0.001 142	0.156 32	807.5	1 976.8	2 784.3	2.236	4.268	6.504	190
195	13.987	0.001 149	0.140 84	829.9	1 957.9	2 787.8	2.283	4.182	6.465	195
200	15.549	0.001 156	0.127 16	852.4	1 938.5	2 790.9	2.331	4.097	6.428	200
205	17.243	0.001 164	0.115 03	875.0	1 918.8	2 793.8	2.378	4.013	6.391	205
210	19.077	0.001 172	0.104 24	897.7	1 898.5	2 796.2	2.425	3.929	6.354	210
215	21.060	0.001 181	0.094 625	920.6	1 877.7	2 798.3	2.471	3.846	6.317	215
220	23.198	0.001 190	0.086 038	943.7	1 856.2	2 799.9	2.518	3.764	6.282	220

Saturated Water and Steam (Temperature) Tables

(t)	(p)	(v _g)	(v _f)	(v _g)	(h _g)	(h _f)	(h _g)	(s _g)	(s _f)	(t)
225	25.501	0.001 199	0.078 349	966.9	1 834.3	2 801.2	2.564	3.682	6.246	225
230	27.976	0.001 209	0.071 450	990.3	1 811.7	2 802.0	2.610	3.601	6.211	230
235	30.632	0.001 219	0.065 245	1 013.8	1 788.5	2 802.3	2.656	3.519	6.175	235
240	33.478	0.001 229	0.059 654	1 037.6	1 764.6	2 802.2	2.702	3.439	6.141	240
245	36.523	0.001 240	0.054 606	1 061.6	1 740.0	2 801.6	2.748	3.358	6.106	245
250	39.776	0.001 251	0.050 037	1 085.8	1 714.6	2 800.4	2.794	3.277	6.071	250
255	43.246	0.001 263	0.045 896	1 110.2	1 688.5	2 798.7	2.839	3.197	6.036	255
260	46.943	0.001 276	0.042 134	1 134.9	1 661.5	2 796.4	2.885	3.116	6.001	260
265	50.877	0.001 289	0.038 710	1 159.9	1 633.6	2 793.5	2.931	3.035	5.966	265
270	55.058	0.001 303	0.035 588	1 185.2	1 604.7	2 789.9	2.976	2.954	5.930	270
275	59.496	0.001 317	0.032 736	1 210.8	1 574.7	2 785.5	3.022	2.873	5.895	275
280	64.202	0.001 332	0.030 126	1 236.8	1 543.6	2 780.4	3.068	2.790	5.858	280
285	69.186	0.001 349	0.027 733	1 263.2	1 511.3	2 774.5	3.115	2.707	5.822	285
290	74.461	0.001 366	0.025 535	1 290.0	1 477.6	2 767.6	3.161	2.624	5.785	290
295	80.037	0.001 384	0.023 513	1 317.3	1 442.5	2 759.8	3.208	2.539	5.747	295
300	85.927	0.001 404	0.021 649	1 345.0	1 406.0	2 751.0	3.255	2.453	5.708	300
305	92.144	0.001 425	0.019 927	1 373.4	1 367.7	2 741.1	3.303	2.366	5.669	305
310	98.700	0.001 448	0.018 334	1 402.4	1 327.6	2 730.0	3.351	2.277	5.628	310
315	105.61	0.001 473	0.016 856	1 432.1	1 285.5	2 717.6	3.400	2.186	5.586	315
320	112.89	0.001 500	0.015 480	1 462.6	1 241.1	2 703.7	3.450	2.092	5.542	320
325	120.56	0.001 529	0.014 195	1 494.0	1 194.0	2 688.0	3.501	1.996	5.497	325
330	128.63	0.001 562	0.012 989	1 526.5	1 143.7	2 670.2	3.553	1.896	5.449	330
335	137.12	0.001 598	0.011 854	1 560.2	1 089.5	2 649.7	3.606	1.792	5.398	335
340	146.05	0.001 639	0.010 780	1 595.5	1 030.7	2 626.2	3.662	1.681	5.343	340
345	155.45	0.001 686	0.009 763	1 632.5	966.4	2 598.9	3.719	1.564	5.283	345
350	165.35	0.001 741	0.008 991	1 671.9	895.8	2 567.7	3.780	1.438	5.218	350
355	175.77	0.001 809	0.008 502	1 713.6	813.8	2 530.4	3.849	1.295	5.144	355
360	186.75	0.001 896	0.008 398	1 762.2	721.2	2 485.0	4.002	1.139	5.060	360
365	198.33	0.002 016	0.008 116	1 818.0	610.0	2 428.0	4.021	0.956	4.958	365
370	210.54	0.002 214	0.007 728	1 890.2	452.6	2 342.8	4.111	0.703	4.814	370
374.15	221.20	0.003 170	0.003 170	2 107.4	0.0	2 107.4	4.443	0.000	4.443	374.15

TABLE 2 Saturated Water and Steam (Pressure) Tables

Absolute pressure in bar (p)	Temperature in °C (t)	Specific volume in m ³ /kg		Specific enthalpy in kJ/kg		Specific entropy in kJ/kg K		Absolute pressure in bar (p)
		water (v _f)	Steam (v _g)	Water (h _f)	Evaporation (h _{fg})	Water (s _f)	Evaporation (s _{fg})	
0.006 1	0.000	0.001 000	206.31	0.0	2 501.6	2 501.6	9.158	0.006 1
0.010	6.983	0.001 000	129.21	29.3	2 485.1	2 514.4	8.871	0.010
0.015	13.04	0.001 001	87.982	54.7	2 470.8	2 525.5	8.634	0.015
0.020	17.51	0.001 001	67.006	73.5	2 460.1	2 535.6	8.464	0.020
0.025	21.10	0.001 002	54.256	88.4	2 451.8	2 540.2	8.333	0.025
0.030	24.10	0.001 003	45.667	101.0	2 444.6	2 545.6	8.224	0.030
0.035	26.69	0.001 003	39.479	111.8	2 438.6	2 550.4	8.132	0.035
0.040	28.98	0.001 004	34.802	121.4	2 433.1	2 554.5	8.053	0.040
0.045	31.03	0.001 005	31.141	130.0	2 428.2	2 558.2	7.983	0.045
0.050	32.90	0.001 005	28.194	137.8	2 423.8	2 561.6	7.920	0.050
0.060	36.18	0.001 006	23.741	151.5	2 416.0	2 567.5	7.810	0.060
0.070	39.03	0.001 007	20.531	163.4	2 409.2	2 572.6	7.718	0.070
0.080	41.53	0.001 008	18.105	173.9	2 403.2	2 577.1	7.637	0.080
0.090	43.79	0.001 009	16.204	183.3	2 397.8	2 581.1	7.566	0.090
0.100	45.83	0.001 010	14.675	191.8	2 392.9	2 584.7	7.502	0.100
0.11	47.71	0.001 011	13.416	199.7	2 388.4	2 588.1	7.444	0.11
0.12	49.45	0.001 012	12.362	206.9	2 384.3	2 591.2	7.391	0.12
0.13	51.06	0.001 013	11.466	213.7	2 380.3	2 594.0	7.342	0.13
0.14	52.57	0.001 013	10.694	220.0	2 376.7	2 596.7	7.296	0.14
0.15	54.00	0.001 014	10.023	226.0	2 373.2	2 599.2	7.254	0.15

Saturated Water and Steam (Pressure) Tables

Absolute pressure in bar (p)	Temperature in °C (t)	Specific volume in m ³ /kg		Specific enthalpy in kJ/kg		Specific entropy in kJ/kg K		Absolute pressure in bar (p)
		water (v _f)	Steam (v _g)	Water (h _f)	Evaporation (h _{fg})	Water (s _f)	Evaporation (s _{fg})	
0.16	55.34	0.001 015	9.433 1	231.6	2 370.0	2 601.6	7.215	0.16
0.17	56.62	0.001 015	8.911 1	236.9	2 366.9	2 603.8	7.178	0.17
0.18	57.83	0.001 016	8.445 2	242.0	2 363.9	2 605.9	7.142	0.18
0.19	58.98	0.001 017	8.027 2	246.8	2 361.1	2 607.9	7.109	0.19
0.20	60.09	0.001 017	7.649 8	251.5	2 358.4	2 609.9	7.077	0.20
0.21	61.15	0.001 018	7.307 3	255.9	2 355.8	2 611.7	7.047	0.21
0.22	62.16	0.001 018	6.995 1	260.1	2 353.4	2 613.5	7.018	0.22
0.23	63.14	0.001 019	6.709 3	264.2	2 351.0	2 615.2	6.991	0.23
0.24	64.08	0.001 019	6.446 7	268.2	2 348.6	2 616.8	6.964	0.24
0.25	64.99	0.001 020	6.204 5	272.0	2 346.3	2 618.3	6.939	0.25
0.26	65.87	0.001 020	5.980 3	275.7	2 344.2	2 619.9	6.915	0.26
0.27	66.72	0.001 021	5.772 4	279.2	2 342.1	2 621.3	6.891	0.27
0.28	67.55	0.001 021	5.577 8	282.7	2 340.0	2 622.7	6.868	0.28
0.29	68.35	0.001 022	5.398 2	286.0	2 338.1	2 624.1	6.847	0.29
0.30	69.12	0.001 022	5.229 3	289.3	2 336.1	2 625.4	6.825	0.30
0.32	70.62	0.001 023	4.922 0	295.6	2 332.4	2 628.0	6.785	0.32
0.34	72.03	0.001 024	4.650 4	301.5	2 328.9	2 630.4	6.747	0.34
0.36	73.37	0.001 025	4.407 6	307.1	2 325.5	2 632.6	6.711	0.36
0.38	74.66	0.001 026	4.190 0	312.5	2 322.3	2 634.8	6.677	0.38
0.40	75.89	0.001 027	3.993 4	317.7	2 319.2	2 636.9	6.645	0.40
0.42	77.06	0.001 027	3.814 8	322.6	2 316.3	2 638.9	6.614	0.42
0.44	78.19	0.001 028	3.652 2	327.3	2 313.4	2 640.7	6.584	0.44
0.46	79.28	0.001 029	3.503 2	331.9	2 310.7	2 642.6	6.556	0.46
0.48	80.33	0.001 029	3.366 3	336.3	2 308.0	2 644.3	6.530	0.48
0.50	81.35	0.001 030	3.240 1	340.6	2 305.4	2 646.0	6.504	0.50
0.52	82.33	0.001 031	3.123 3	344.7	2 302.9	2 647.6	6.478	0.52
0.54	83.28	0.001 031	3.014 8	348.7	2 300.5	2 649.2	6.455	0.54
0.56	84.19	0.001 032	2.913 9	352.5	2 298.2	2 650.7	6.431	0.56
0.58	85.09	0.001 033	2.819 7	356.3	2 295.8	2 652.1	6.409	0.58
0.60	85.95	0.001 033	2.731 7	359.9	2 293.7	2 653.6	6.388	0.60

Saturated Water and Steam (Pressure) Tables

(p)	(t)	(v _g)	(v _g)	(h _g)	(h _{fg})	(h _g)	(h _g)	(s _g)	(s _g)	(p)
0.62	86.80	0.001 034	2.649 1	363.5	2 291.4	2 654.9	1.155	6.367	7.522	0.62
0.64	87.62	0.001 034	2.571 5	366.9	2 289.4	2 656.3	1.165	6.346	7.511	0.64
0.66	88.42	0.001 035	2.498 5	370.3	2 287.3	2 657.6	1.174	6.326	7.500	0.66
0.68	89.20	0.001 036	2.429 7	373.6	2 285.2	2 658.8	1.183	6.307	7.490	0.68
0.70	89.96	0.001 036	2.364 7	376.8	2 283.3	2 660.1	1.192	6.288	7.480	0.70
0.72	90.70	0.001 037	2.303 1	379.9	2 281.4	2 661.3	1.201	6.270	7.471	0.72
0.74	91.43	0.001 037	2.244 8	382.9	2 279.5	2 662.4	1.209	6.253	7.462	0.74
0.76	92.14	0.001 038	2.189 5	385.9	2 277.7	2 663.6	1.217	6.235	7.452	0.76
0.78	92.83	0.001 038	2.136 9	388.9	2 275.8	2 664.7	1.225	6.219	7.444	0.78
0.80	93.51	0.001 039	2.086 9	391.7	2 274.1	2 665.8	1.233	6.202	7.435	0.80
0.85	95.15	0.001 040	1.972 1	398.6	2 269.8	2 668.4	1.252	6.163	7.415	0.85
0.90	96.71	0.001 041	1.869 1	405.2	2 265.7	2 670.9	1.270	6.125	7.395	0.90
0.95	98.20	0.001 042	1.777 1	411.5	2 261.7	2 673.2	1.287	6.091	7.378	0.95
1.00	99.63	0.001 043	1.693 8	417.5	2 257.9	2 675.4	1.303	6.057	7.360	1.00
1.013 25	100.00	0.001 044	1.673 0	419.1	2 256.9	2 676.0	1.307	6.048	7.355	1.013 25
1.05	101.0	0.001 045	1.618 1	423.3	2 254.3	2 677.6	1.318	6.025	7.343	1.05
1.10	102.3	0.001 046	1.549 2	428.8	2 250.8	2 679.6	1.333	5.995	7.328	1.10
1.15	103.6	0.001 047	1.486 1	434.2	2 247.4	2 681.6	1.347	5.966	7.313	1.15
1.20	104.8	0.001 048	1.428 1	439.3	2 244.1	2 683.4	1.361	5.937	7.298	1.20
1.25	106.0	0.001 049	1.374 6	444.4	2 240.8	2 685.2	1.374	5.911	7.285	1.25
1.30	107.1	0.001 050	1.325 0	449.2	2 237.8	2 687.0	1.387	5.885	7.272	1.30
1.35	108.2	0.001 051	1.279 1	453.4	2 234.8	2 688.7	1.399	5.860	7.259	1.35
1.40	109.3	0.001 051	1.236 3	458.4	2 231.9	2 690.3	1.411	5.836	7.247	1.40
1.45	110.4	0.001 052	1.196 3	462.8	2 229.0	2 691.8	1.423	5.812	7.235	1.45
1.50	111.4	0.001 053	1.159 0	467.1	2 226.3	2 693.4	1.433	5.790	7.223	1.50
1.60	113.3	0.001 055	1.091 1	475.4	2 220.8	2 696.2	1.455	5.747	7.202	1.60
1.70	115.2	0.001 056	1.030 9	483.2	2 215.8	2 699.0	1.475	5.706	7.181	1.70
1.80	116.9	0.001 058	0.977 18	490.7	2 210.8	2 701.5	1.494	5.668	7.162	1.80
1.90	118.6	0.001 059	0.928 95	497.9	2 206.1	2 704.0	1.513	5.631	7.144	1.90
2.00	120.2	0.001 061	0.885 40	504.7	2 201.6	2 706.3	1.530	5.597	7.127	2.00

Saturated Water and Steam (Pressure) Tables

(p)	(t)	(v _g)	(v _g)	(h _g)	(h _{fg})	(h _g)	(s _g)	(s _g)	(t)	
2.1	121.8	0.001 062	0.845 86	511.3	2 197.2	2 708.5	1.547	5.564	7.111	2.1
2.2	123.3	0.001 064	0.809 80	517.6	2 193.0	2 710.6	1.563	5.532	7.095	2.2
2.3	124.7	0.001 065	0.776 77	523.7	2 188.9	2 712.6	1.578	5.502	7.080	2.3
2.4	126.1	0.001 066	0.746 41	529.6	2 184.9	2 714.5	1.593	5.473	7.066	2.4
2.5	127.4	0.001 068	0.718 40	535.3	2 181.1	2 716.4	1.607	5.445	7.052	2.5
2.6	128.7	0.001 069	0.692 47	540.9	2 177.3	2 718.2	1.621	5.418	7.039	2.6
2.7	130.0	0.001 070	0.668 40	546.2	2 173.7	2 719.9	1.634	5.392	7.026	2.7
2.8	131.2	0.001 071	0.646 00	551.4	2 170.1	2 721.5	1.647	5.367	7.014	2.8
2.9	132.4	0.001 072	0.625 09	556.5	2 166.6	2 723.1	1.660	5.342	7.002	2.9
3.0	133.5	0.001 074	0.605 53	561.5	2 163.2	2 724.7	1.672	5.319	6.991	3.0
3.1	134.7	0.001 075	0.587 18	566.2	2 159.9	2 726.1	1.683	5.297	6.980	3.1
3.2	135.8	0.001 076	0.569 95	570.9	2 156.7	2 727.6	1.695	5.274	6.969	3.2
3.3	136.8	0.001 077	0.553 73	575.5	2 153.5	2 729.0	1.706	5.253	6.959	3.3
3.4	137.9	0.001 078	0.538 43	579.9	2 150.4	2 730.3	1.717	5.232	6.949	3.4
3.5	138.9	0.001 079	0.523 97	584.3	2 147.3	2 731.6	1.727	5.212	6.939	3.5
3.6	139.9	0.001 080	0.510 29	588.5	2 144.4	2 732.9	1.738	5.192	6.930	3.6
3.7	140.8	0.001 081	0.497 33	592.7	2 141.4	2 734.1	1.748	5.173	6.921	3.7
3.8	141.8	0.001 082	0.485 02	596.7	2 138.6	2 735.3	1.758	5.154	6.912	3.8
3.9	142.7	0.001 083	0.473 33	600.8	2 135.7	2 736.5	1.767	5.136	6.903	3.9
4.0	143.6	0.001 084	0.462 20	604.7	2 132.9	2 737.6	1.776	5.118	6.894	4.0
4.1	144.5	0.001 085	0.451 59	608.5	2 130.2	2 738.7	1.786	5.100	6.886	4.1
4.2	145.4	0.001 086	0.441 47	612.3	2 127.5	2 739.8	1.795	5.083	6.878	4.2
4.3	146.3	0.001 087	0.431 81	616.0	2 124.9	2 740.9	1.803	5.067	6.870	4.3
4.4	147.1	0.001 088	0.422 57	619.6	2 122.3	2 741.9	1.812	5.050	6.862	4.4
4.5	147.9	0.001 089	0.413 73	623.2	2 119.7	2 742.9	1.820	5.035	6.855	4.5
4.6	148.7	0.001 090	0.405 26	626.7	2 117.2	2 743.9	1.829	5.018	6.847	4.6
4.7	149.5	0.001 090	0.397 14	630.1	2 114.7	2 744.8	1.837	5.003	6.840	4.7
4.8	150.3	0.001 091	0.389 34	633.5	2 112.2	2 745.7	1.845	4.988	6.833	4.8
4.9	151.1	0.001 092	0.381 86	636.8	2 109.8	2 746.6	1.853	4.973	6.826	4.9
5.0	151.8	0.001 093	0.374 66	640.1	2 107.4	2 747.5	1.860	4.959	6.819	5.0

Saturated Water and Steam (Pressure) Tables

(p)	(t)	(v _g)	(h _f)	(h _{fg})	(h _g)	(s _f)	(s _{fg})	(s _g)	(p)
5.2	153.3	0.001 095	646.5	2 102.7	2 749.2	1.875	4.931	6.806	5.2
5.4	154.8	0.001 096	652.8	2 098.1	2 750.9	1.890	4.903	6.793	5.4
5.6	156.2	0.001 098	658.7	2 093.7	2 752.5	1.904	4.877	6.781	5.6
5.8	157.5	0.001 099	664.7	2 089.3	2 754.0	1.918	4.851	6.769	5.8
6.0	158.8	0.001 101	670.4	2 085.1	2 755.5	1.931	4.827	6.758	6.0
6.2	160.1	0.001 102	676.1	2 080.8	2 756.9	1.944	4.803	6.747	6.2
6.4	161.4	0.001 104	681.5	2 076.7	2 758.2	1.956	4.780	6.736	6.4
6.6	162.6	0.001 105	686.8	2 072.7	2 759.5	1.968	4.757	6.725	6.6
6.8	163.8	0.001 107	692.0	2 068.8	2 760.8	1.980	4.735	6.715	6.8
7.0	165.0	0.001 108	697.1	2 064.9	2 762.0	1.992	4.713	6.705	7.0
7.2	166.1	0.001 110	702.0	2 061.2	2 763.2	2.003	4.693	6.696	7.2
7.4	167.2	0.001 111	706.9	2 057.4	2 764.3	2.014	4.672	6.686	7.4
7.6	168.3	0.001 112	711.7	2 053.7	2 765.4	2.025	4.652	6.677	7.6
7.8	169.4	0.001 114	716.3	2 050.1	2 766.4	2.035	4.633	6.668	7.8
8.0	170.4	0.001 115	720.9	2 046.5	2 767.4	2.046	4.614	6.660	8.0
8.2	171.4	0.001 116	725.4	2 043.0	2 768.4	2.056	4.595	6.651	8.2
8.4	172.4	0.001 118	729.9	2 039.6	2 769.4	2.066	4.577	6.643	8.4
8.6	173.4	0.001 119	734.2	2 036.2	2 770.4	2.075	4.560	6.635	8.6
8.8	174.4	0.001 120	738.5	2 032.8	2 771.3	2.085	4.542	6.627	8.8
9.0	175.4	0.001 121	742.6	2 029.5	2 772.1	2.094	4.525	6.619	9.0
9.2	176.3	0.001 123	746.8	2 026.2	2 773.0	2.103	4.509	6.612	9.2
9.4	177.2	0.001 124	750.8	2 023.0	2 773.8	2.112	4.492	6.604	9.4
9.6	178.1	0.001 125	754.8	2 019.8	2 774.6	2.121	4.476	6.597	9.6
9.8	179.0	0.001 126	758.7	2 016.7	2 775.4	2.130	4.460	6.590	9.8
10.0	179.9	0.001 127	762.6	2 013.6	2 776.2	2.138	4.445	6.583	10.0
10.5	182.0	0.001 130	772.0	2 006.0	2 778.0	2.159	4.407	6.566	10.5
11.0	184.1	0.001 133	781.1	1 998.6	2 779.7	2.179	4.371	6.550	11.0
11.5	186.0	0.001 136	789.9	1 991.4	2 781.3	2.198	4.336	6.534	11.5
12.0	188.0	0.001 139	798.4	1 984.3	2 782.7	2.216	4.303	6.519	12.0
12.5	189.8	0.001 141	806.7	1 977.5	2 784.2	2.234	4.271	6.505	12.5

Saturated Water and Steam (Pressure) Tables

(p)	(t)	(v _g)	(h _f)	(h _{fg})	(h _g)	(s _f)	(s _{fg})	(s _g)	(p)
13.0	191.6	0.001 144	814.7	1 970.7	2 785.4	2.251	4.240	6.491	13.0
13.5	193.3	0.001 146	822.5	1 964.2	2 786.7	2.267	4.211	6.478	13.5
14.0	195.0	0.001 149	830.1	1 957.7	2 787.8	2.284	4.181	6.465	14.0
14.5	196.7	0.001 151	837.5	1 951.4	2 788.9	2.299	4.154	6.453	14.5
15.0	198.3	0.001 154	844.6	1 945.3	2 789.9	2.314	4.127	6.441	15.0
15.5	199.8	0.001 156	851.6	1 939.2	2 790.8	2.329	4.100	6.429	15.5
16.0	201.4	0.001 159	858.5	1 933.2	2 791.7	2.344	4.074	6.418	16.0
16.5	202.9	0.001 161	865.3	1 927.3	2 792.6	2.358	4.049	6.407	16.5
17.0	204.3	0.001 163	871.8	1 921.6	2 793.4	2.371	4.025	6.396	17.0
17.5	205.7	0.001 166	878.2	1 915.9	2 794.1	2.384	4.001	6.385	17.5
18.0	207.1	0.001 168	884.5	1 910.3	2 794.8	2.398	3.977	6.375	18.0
18.5	208.5	0.001 170	890.7	1 904.8	2 795.5	2.410	3.955	6.365	18.5
19.0	209.8	0.001 172	896.8	1 899.3	2 796.1	2.423	3.933	6.356	19.0
19.5	211.1	0.001 174	902.7	1 894.0	2 796.7	2.435	3.911	6.346	19.5
20.0	212.4	0.001 177	908.5	1 888.7	2 797.2	2.447	3.890	6.337	20.0
21.0	214.8	0.001 181	919.9	1 878.3	2 798.2	2.470	3.849	6.319	21.0
22.0	217.2	0.001 185	930.9	1 868.1	2 799.1	2.492	3.809	6.301	22.0
23.0	219.6	0.001 189	941.6	1 858.2	2 799.8	2.514	3.771	6.285	23.0
24.0	221.8	0.001 193	951.9	1 848.5	2 800.4	2.534	3.735	6.269	24.0
25.0	223.9	0.001 197	961.9	1 839.1	2 801.0	2.554	3.699	6.253	25.0
26.0	226.0	0.001 201	971.7	1 829.7	2 801.4	2.574	3.665	6.239	26.0
27.0	228.1	0.001 205	981.2	1 820.5	2 801.7	2.592	3.632	6.224	27.0
28.0	230.0	0.001 209	990.5	1 811.5	2 802.0	2.611	3.600	6.211	28.0
29.0	232.0	0.001 213	999.5	1 802.7	2 802.2	2.628	3.569	6.197	29.0
30.0	233.8	0.001 216	1 008.3	1 794.0	2 802.3	2.646	3.538	6.184	30.0
31.0	235.7	0.001 220	1 017.1	1 785.4	2 802.3	2.662	3.509	6.171	31.0
32.0	237.4	0.001 224	1 025.4	1 776.9	2 802.3	2.679	3.480	6.159	32.0
33.0	239.2	0.001 227	1 033.7	1 768.6	2 802.3	2.694	3.452	6.146	33.0
34.0	240.9	0.001 231	1 041.8	1 760.3	2 802.1	2.710	3.424	6.134	34.0
35.0	242.5	0.001 235	1 049.7	1 752.3	2 802.0	2.725	3.398	6.123	35.0

Saturated Water and Steam (Pressure) Tables

(p)	(t)	(v _g)	(v _f)	(v _g)	(h _f)	(h _{fg})	(h _g)	(s _f)	(s _{fg})	(s _g)	(p)
36.0	244.2	0.001 238	0.055 417	1 057.5	1 744.2	2 801.7	2 801.7	2.740	3.371	6.111	36.0
37.0	245.8	0.001 242	0.053 889	1 065.2	1 736.2	2 801.4	2 801.4	2.755	3.345	6.100	37.0
38.0	247.3	0.001 245	0.052 439	1 072.7	1 728.4	2 801.1	2 801.1	2.769	3.321	6.090	38.0
39.0	248.8	0.001 249	0.051 061	1 080.1	1 720.7	2 800.8	2 800.8	2.783	3.296	6.079	39.0
40.0	250.3	0.001 252	0.049 749	1 087.4	1 712.9	2 800.3	2 800.3	2.797	3.272	6.069	40.0
42.0	253.2	0.001 259	0.047 306	1 101.6	1 697.8	2 799.4	2 799.4	2.823	3.225	6.048	42.0
44.0	256.1	0.001 266	0.045 078	1 115.4	1 682.9	2 798.3	2 798.3	2.849	3.180	6.029	44.0
46.0	258.8	0.001 273	0.043 036	1 128.8	1 668.2	2 797.0	2 797.0	2.874	3.136	6.010	46.0
48.0	261.4	0.001 279	0.041 158	1 141.8	1 653.9	2 795.7	2 795.7	2.897	3.094	5.991	48.0
50.0	263.9	0.001 286	0.039 425	1 154.5	1 639.7	2 794.2	2 794.2	2.921	3.053	5.974	50.0
52.0	266.4	0.001 293	0.037 830	1 166.9	1 625.7	2 792.6	2 792.6	2.943	3.013	5.956	52.0
54.0	268.8	0.001 299	0.036 330	1 179.0	1 611.8	2 790.8	2 790.8	2.965	2.974	5.939	54.0
56.0	271.1	0.001 306	0.034 942	1 190.8	1 598.2	2 789.0	2 789.0	2.986	2.937	5.923	56.0
58.0	273.4	0.001 312	0.033 646	1 202.4	1 584.6	2 787.0	2 787.0	3.007	2.899	5.906	58.0
60.0	275.6	0.001 319	0.032 433	1 213.7	1 571.3	2 785.0	2 785.0	3.027	2.863	5.890	60.0
62.0	277.7	0.001 325	0.031 295	1 224.9	1 558.0	2 782.9	2 782.9	3.047	2.828	5.875	62.0
64.0	279.8	0.001 332	0.030 225	1 235.8	1 544.8	2 780.6	2 780.6	3.066	2.794	5.860	64.0
66.0	281.9	0.001 338	0.029 218	1 246.5	1 531.8	2 778.3	2 778.3	3.085	2.760	5.845	66.0
68.0	283.9	0.001 345	0.028 267	1 257.1	1 518.8	2 775.9	2 775.9	3.104	2.727	5.831	68.0
70.0	285.8	0.001 351	0.027 368	1 267.4	1 506.0	2 773.4	2 773.4	3.122	2.694	5.816	70.0
72.0	287.7	0.001 358	0.026 517	1 277.7	1 493.2	2 770.9	2 770.9	3.140	2.662	5.802	72.0
74.0	289.6	0.001 365	0.025 711	1 287.8	1 480.4	2 768.2	2 768.2	3.157	2.631	5.788	74.0
76.0	291.4	0.001 371	0.024 944	1 297.7	1 467.8	2 765.5	2 765.5	3.174	2.600	5.774	76.0
78.0	293.2	0.001 378	0.024 215	1 307.5	1 455.4	2 762.7	2 762.7	3.191	2.569	5.760	78.0
80.0	295.0	0.001 384	0.023 521	1 317.2	1 442.7	2 759.9	2 759.9	3.208	2.539	5.747	80.0
82.0	296.7	0.001 391	0.022 860	1 326.7	1 430.3	2 757.0	2 757.0	3.224	2.510	5.734	82.0
84.0	298.4	0.001 398	0.022 228	1 336.2	1 417.8	2 754.0	2 754.0	3.240	2.481	5.721	84.0
86.0	300.1	0.001 404	0.021 624	1 345.4	1 405.3	2 750.9	2 750.9	3.256	2.452	5.708	86.0
88.0	301.7	0.001 411	0.021 046	1 354.7	1 393.1	2 747.8	2 747.8	3.271	2.424	5.695	88.0
90.0	303.3	0.001 418	0.020 493	1 363.8	1 380.8	2 744.6	2 744.6	3.287	2.395	5.682	90.0

Saturated Water and Steam (Pressure) Tables

(p)	(t)	(v _g)	(v _f)	(v _g)	(h _f)	(h _{fg})	(h _g)	(s _f)	(s _{fg})	(s _g)	(p)
92	304.9	0.001 425	0.019 962	1 372.8	1 368.5	2 741.3	2 741.3	3.302	2.367	5.669	92
94	306.5	0.001 432	0.019 453	1 381.6	1 356.3	2 738.0	2 738.0	3.317	2.340	5.657	94
96	308.0	0.001 439	0.018 964	1 390.6	1 344.1	2 734.7	2 734.7	3.332	2.313	5.644	96
98	309.5	0.001 446	0.018 493	1 399.4	1 331.9	2 731.2	2 731.2	3.346	2.286	5.632	98
100	311.0	0.001 453	0.018 041	1 408.0	1 319.7	2 727.7	2 727.7	3.361	2.259	5.620	100
105	314.6	0.001 470	0.016 981	1 429.5	1 289.2	2 718.7	2 718.7	3.396	2.194	5.590	105
110	318.0	0.001 489	0.016 007	1 450.5	1 258.8	2 709.3	2 709.3	3.430	2.129	5.560	110
115	321.4	0.001 508	0.015 114	1 471.3	1 228.2	2 699.5	2 699.5	3.464	2.066	5.530	115
120	324.6	0.001 527	0.014 285	1 491.7	1 197.5	2 698.2	2 698.2	3.497	2.003	5.500	120
125	327.8	0.001 547	0.013 518	1 511.9	1 166.5	2 678.4	2 678.4	3.530	1.941	5.471	125
130	330.8	0.001 567	0.012 800	1 531.9	1 135.1	2 667.0	2 667.0	3.561	1.880	5.441	130
135	333.8	0.001 588	0.012 130	1 551.8	1 103.3	2 655.1	2 655.1	3.593	1.818	5.411	135
140	336.6	0.001 611	0.011 498	1 571.3	1 070.9	2 642.4	2 642.4	3.624	1.756	5.380	140
145	339.4	0.001 634	0.010 905	1 591.5	1 037.9	2 629.2	2 629.2	3.655	1.694	5.349	145
150	342.1	0.001 658	0.010 343	1 610.9	1 004.2	2 615.1	2 615.1	3.686	1.632	5.318	150
155	344.8	0.001 683	0.009 813	1 630.7	969.7	2 600.4	2 600.4	3.716	1.570	5.286	155
160	347.3	0.001 710	0.009 310	1 650.4	934.5	2 584.9	2 584.9	3.747	1.506	5.255	160
165	349.7	0.001 739	0.008 833	1 670.4	898.5	2 568.9	2 568.9	3.778	1.442	5.223	165
170	352.3	0.001 770	0.008 372	1 691.6	860.0	2 551.6	2 551.6	3.811	1.375	5.186	170
175	354.6	0.001 803	0.007 927	1 713.3	820.0	2 533.3	2 533.3	3.844	1.306	5.150	175
180	357.0	0.001 840	0.007 497	1 734.8	779.1	2 513.9	2 513.9	3.877	1.236	5.113	180
185	359.2	0.001 881	0.007 082	1 756.5	736.5	2 493.0	2 493.0	3.910	1.164	5.074	185
190	361.4	0.001 926	0.006 676	1 778.7	691.9	2 470.5	2 470.5	3.943	1.090	5.033	190
195	363.6	0.001 978	0.006 276	1 801.9	643.9	2 445.8	2 445.8	3.978	1.011	4.989	195
200	365.7	0.002 037	0.005 875	1 826.6	591.6	2 418.2	2 418.2	4.015	0.926	4.941	200
205	367.8	0.002 110	0.005 462	1 854.2	532.0	2 386.2	2 386.2	4.056	0.830	4.886	205
210	369.8	0.002 202	0.005 023	1 886.3	461.2	2 347.5	2 347.5	4.105	0.717	4.822	210
215	371.8	0.002 342	0.004 509	1 929.4	362.2	2 294.6	2 294.6	4.170	0.566	4.736	215
220	373.7	0.002 668	0.003 735	2 010.3	186.3	2 196.6	2 196.6	4.293	0.288	4.581	220
221.2	374.15	0.003 170	0.003 170	2 107.4	0.000	2 107.4	2 107.4	4.443	0.000	4.443	221.2

TABLE 3
Specific Volume of Superheated Steam

Absolute Pressure in bar (p)	Saturation Temperature in °C (t _s)	Specific volume (v) in m ³ /kg at various temperatures in °C										
		100	150	200	250	300	350	400	500	600	700	800
0.02	17.5	86.08	97.63	109.2	120.7	132.2	143.8	155.3	178.4	201.5	224.6	247.6
0.04	29.0	43.03	48.81	54.58	60.35	66.12	71.89	77.66	89.20	100.7	112.3	123.8
0.06	36.2	28.68	32.53	36.38	40.23	44.08	47.93	51.77	59.47	67.16	74.85	82.54
0.08	41.5	21.50	24.40	27.28	30.17	33.06	35.94	38.83	44.60	50.37	56.14	61.91
0.10	45.8	17.20	19.51	21.83	24.14	26.45	28.75	31.06	35.68	40.30	44.91	49.53
0.15	54.0	11.51	13.06	14.61	16.16	17.71	19.25	20.80	23.89	26.98	30.07	33.16
0.20	60.1	8.585	9.748	10.91	12.07	13.22	14.37	15.53	17.84	20.15	22.45	24.76
0.25	65.0	6.874	7.808	8.737	9.665	10.59	11.52	12.44	14.29	16.14	17.99	19.84
0.30	69.1	5.714	6.493	7.268	8.040	8.811	9.581	10.35	11.89	13.43	14.70	16.51
0.35	72.7	4.898	5.568	6.233	6.896	7.557	8.218	8.879	10.20	11.52	12.84	14.16
0.40	75.9	4.279	4.866	5.448	6.028	6.607	7.185	7.763	8.918	10.07	11.23	12.38
0.45	78.7	3.803	4.325	4.844	5.360	5.875	6.389	6.903	7.930	8.957	9.984	10.99
0.50	81.3	3.418	3.889	4.356	4.821	5.284	5.747	6.209	7.134	8.057	8.981	9.904
0.60	86.0	2.844	3.238	3.628	4.016	4.402	4.788	5.174	5.944	6.714	7.484	8.254
0.70	90.0	2.434	2.773	3.108	3.441	3.772	4.103	4.434	5.095	5.755	6.415	7.074
0.80	93.5	2.126	2.425	2.718	3.010	3.300	3.590	3.879	4.457	5.035	5.613	6.190
0.90	96.7	1.887	2.153	2.415	2.674	2.933	3.190	3.448	3.962	4.475	4.989	5.502
1.00	99.6	1.696	1.936	2.172	2.406	2.639	2.871	3.103	3.565	4.028	4.490	4.952
1.50	111.4	..	1.285	1.444	1.601	1.757	1.912	2.067	2.376	2.685	2.993	3.301
2.00	120.2	..	0.959 5	1.080	1.199	1.316	1.433	1.549	1.781	2.013	2.244	2.475

Specific Volume of Superheated Steam

(p)	(t)	100	150	200	250	300	350	400	500	600	700	800
		2.5	127.4	..	0.764 1	0.862 0	0.957 4	1.052	1.145	1.239	1.424	1.610	1.795	1.980
3.0	133.5	..	0.633 7	0.716 4	0.796 4	0.875 3	0.953 5	1.031	1.187	1.341	1.496	1.650
3.5	138.9	..	0.540 6	0.612 3	0.681 4	0.749 3	0.816 6	0.883 5	1.017	1.149	1.282	1.414
4.0	143.6	..	0.470 7	0.534 3	0.595 2	0.654 9	0.713 9	0.772 5	0.889 2	1.005	1.121	1.237
4.5	147.9	..	0.416 5	0.473 8	0.528 4	0.581 7	0.634 3	0.686 5	0.790 5	0.893 9	0.997 1	1.100
5.0	151.8	..	..	0.425 0	0.474 4	0.522 6	0.570 1	0.617 2	0.710 8	0.804 0	0.896 9	0.989 6
6.0	158.8	..	..	0.352 0	0.393 9	0.434 4	0.474 2	0.513 6	0.591 8	0.669 6	0.747 1	0.824 5
7.0	165.0	..	..	0.299 9	0.336 4	0.371 4	0.405 7	0.439 6	0.506 9	0.573 7	0.640 2	0.706 6
8.0	170.4	..	..	0.260 8	0.293 2	0.324 1	0.354 3	0.384 2	0.443 2	0.501 7	0.560 0	0.618 1
9.0	175.4	..	..	0.230 3	0.259 6	0.287 4	0.314 4	0.341 0	0.393 6	0.445 8	0.497 6	0.549 3
10.0	179.9	..	..	0.205 9	0.232 8	0.258 0	0.282 4	0.306 5	0.350 0	0.401 0	0.447 7	0.494 3
11.0	184.1	..	..	0.185 9	0.210 8	0.233 9	0.256 3	0.278 2	0.321 5	0.364 4	0.406 9	0.449 2
12.0	188.0	..	..	0.169 2	0.192 4	0.213 9	0.234 5	0.254 7	0.303 8	0.333 8	0.372 9	0.411 8
13.0	191.6	..	..	0.155 1	0.176 9	0.196 9	0.216 1	0.234 8	0.271 6	0.308 0	0.344 1	0.380 0
14.0	195.0	..	..	0.142 9	0.163 6	0.182 3	0.200 2	0.217 7	0.252 0	0.285 9	0.319 4	0.352 8
15.0	198.3	..	..	0.132 4	0.152 0	0.169 7	0.186 5	0.202 9	0.235 0	0.266 7	0.298 0	0.329 2
16.0	201.4	..	..	..	0.141 9	0.158 7	0.174 5	0.190 0	0.220 2	0.249 9	0.279 3	0.308 6
17.0	204.3	..	..	..	0.132 9	0.148 9	0.164 0	0.178 6	0.207 0	0.235 1	0.262 8	0.290 4
18.0	207.1	..	..	..	0.125 0	0.140 2	0.154 6	0.168 4	0.195 4	0.221 9	0.248 1	0.274 2
19.0	209.8	..	..	..	0.117 9	0.132 5	0.146 4	0.159 3	0.184 9	0.210 1	0.235 0	0.259 7
20.0	212.4	..	..	..	0.111 5	0.125 5	0.138 6	0.151 1	0.175 6	0.199 5	0.223 2	0.246 7
22.0	217.2	..	..	..	0.100 4	0.113 4	0.125 5	0.137 0	0.161 2	0.181 2	0.202 8	0.224 2
24.0	221.8	..	..	..	0.091 08	0.103 4	0.114 6	0.125 2	0.145 8	0.165 9	0.185 8	0.205 4
26.0	226.0	..	..	..	0.083 21	0.094 83	0.105 3	0.115 3	0.134 4	0.153 0	0.171 4	0.189 5
28.0	230.0	..	..	..	0.076 44	0.087 51	0.097 40	0.106 7	0.124 6	0.141 9	0.159 0	0.173 9
30.0	233.8	..	..	..	0.070 55	0.081 16	0.090 53	0.099 31	0.116 1	0.132 3	0.148 3	0.164 1
32.0	237.4	..	..	..	0.065 38	0.075 59	0.084 51	0.092 83	0.108 7	0.123 9	0.139 0	0.153 8
34.0	240.9	..	..	..	0.060 80	0.070 68	0.079 20	0.087 11	0.102 1	0.116 5	0.130 7	0.144 7
36.0	244.2	..	..	..	0.056 70	0.066 30	0.074 48	0.082 02	0.096 26	0.110 0	0.123 4	0.136 6
38.0	247.3	..	..	..	0.053 02	0.062 37	0.070 25	0.077 47	0.091 04	0.104 1	0.116 8	0.129 4

(p)	(t)	Specific enthalpy (h) in kJ/kg at various temperatures in °C										
		100	150	200	250	300	350	400	500	600	700	800
40.0	250.3	..	..	..	..	0.058 83	0.066 45	0.073 38	0.086 34	0.098 76	0.110 9	0.122 9
42.0	253.2	..	..	..	..	0.055 63	0.063 00	0.069 67	0.082 09	0.093 97	0.105 6	0.117 0
44.0	256.0	..	..	..	..	0.052 70	0.059 86	0.066 30	0.078 23	0.089 61	0.100 7	0.111 6
46.0	258.8	..	..	..	..	0.050 03	0.056 99	0.063 22	0.074 70	0.085 62	0.096 26	0.106 7
48.0	261.4	..	..	..	..	0.047 57	0.054 36	0.060 39	0.071 47	0.081 97	0.092 19	0.102 2
50.0	263.9	..	..	..	..	0.045 30	0.051 94	0.057 79	0.068 49	0.077 31	0.088 45	0.098 09
55.0	269.9	..	..	..	..	0.043 43	0.046 66	0.052 13	0.062 02	0.071 31	0.080 30	0.089 12
60.0	275.6	..	..	..	..	0.036 15	0.042 22	0.047 38	0.056 59	0.065 18	0.073 48	0.081 59
65.0	280.8	..	..	..	..	0.032 58	0.038 48	0.043 38	0.052 03	0.060 03	0.067 74	0.075 26
70.0	285.8	..	..	..	..	0.029 46	0.035 23	0.039 92	0.048 09	0.055 59	0.062 79	0.069 80
75.0	290.5	..	..	..	..	0.026 72	0.032 43	0.036 94	0.044 69	0.051 76	0.058 52	0.065 09
80.0	295.0	..	..	..	..	0.024 26	0.029 95	0.034 31	0.041 70	0.048 39	0.054 77	0.060 96
85.0	299.2	..	..	..	..	0.021 91	0.027 76	0.032 00	0.039 08	0.045 44	0.051 48	0.057 32
90.0	303.3	..	..	..	..	..	0.025 79	0.029 93	0.036 74	0.042 80	0.048 53	0.054 08
95.0	307.2	..	..	..	..	..	0.024 03	0.028 08	0.034 65	0.040 45	0.045 91	0.051 19
100.0	311.0	..	..	..	..	..	0.022 42	0.026 41	0.032 76	0.038 32	0.043 55	0.048 58
110.0	318.0	..	..	..	..	..	0.019 61	0.023 51	0.029 50	0.034 66	0.039 47	0.044 08
120.0	324.6	..	..	..	..	..	0.017 21	0.021 08	0.026 79	0.031 60	0.036 07	0.040 33
130.0	330.8	..	..	..	..	..	0.015 10	0.019 02	0.024 49	0.029 02	0.033 19	0.037 16
140.0	336.6	..	..	..	..	..	0.013 21	0.017 23	0.022 51	0.026 80	0.030 72	0.034 44
150.0	342.1	..	..	..	..	..	0.011 46	0.015 66	0.020 80	0.024 88	0.028 59	0.032 09
160.0	347.3	..	..	..	..	..	0.009 76	0.014 28	0.019 29	0.023 20	0.026 72	0.030 03
170.0	352.3	..	..	..	..	..	..	0.013 03	0.017 97	0.021 72	0.025 07	0.028 21
180.0	357.0	..	..	..	..	..	..	0.011 91	0.016 79	0.020 40	0.023 00	0.026 59
190.0	361.4	..	..	..	..	..	..	0.010 89	0.015 73	0.019 22	0.022 29	0.025 15
200.0	365.7	..	..	..	..	..	..	0.009 95	0.014 77	0.018 16	0.021 11	0.023 85
210.0	369.8	..	..	..	..	..	..	0.009 07	0.013 91	0.017 20	0.020 04	0.022 67
220.0	373.7	..	..	..	..	..	..	0.008 25	0.013 12	0.016 35	0.019 07	0.021 60
221.2	374.15	..	..	..	..	..	..	0.008 16	0.013 03	0.016 22	0.018 95	0.021 35

TABLE 4
Specific Enthalpy of Superheated Steam

Absolute Pressure in bar (p)	Saturation Temperature in °C (t _s)	Specific enthalpy (h) in kJ/kg at various temperatures in °C										
		100	150	200	250	300	350	400	500	600	700	800
0.02	17.5	2 688.5	2 783.7	2 880.0	2 977.7	3 076.8	3 177.5	3 279.7	3 489.2	3 705.6	3 928.8	4 158.7
0.04	29.0	2 688.3	2 783.5	2 879.9	2 977.6	3 076.8	3 177.4	3 279.7	3 489.2	3 705.6	3 928.8	4 158.7
0.06	36.2	2 688.0	2 783.4	2 879.8	2 977.6	3 076.7	3 177.4	3 279.6	3 489.2	3 705.6	3 928.8	4 158.7
0.08	41.5	2 687.8	2 783.2	2 879.7	2 977.5	3 076.7	3 177.3	3 279.6	3 489.1	3 705.5	3 928.8	4 158.7
0.10	45.8	2 687.5	2 783.1	2 879.6	2 977.4	3 076.6	3 177.3	3 279.6	3 489.1	3 705.5	3 928.8	4 158.7
0.15	54.0	2 686.9	2 782.4	2 879.5	2 977.3	3 076.5	3 177.7	3 279.5	3 489.1	3 705.5	3 928.7	4 158.7
0.20	60.1	2 686.3	2 782.3	2 879.2	2 977.1	3 076.4	3 177.1	3 279.4	3 489.0	3 705.4	3 928.7	4 158.7
0.25	65.0	2 685.7	2 782.0	2 879.0	2 977.0	3 076.3	3 177.0	3 279.3	3 488.9	3 705.4	3 928.7	4 158.6
0.30	69.1	2 685.1	2 781.6	2 878.7	2 976.8	3 076.1	3 176.9	3 279.3	3 488.9	3 705.4	3 928.7	4 158.6
0.35	72.7	2 684.5	2 781.2	2 878.5	2 976.7	3 076.0	3 176.8	3 279.2	3 488.9	3 705.3	3 928.7	4 158.6
0.40	75.9	2 683.8	2 780.9	2 878.2	2 976.5	3 075.9	3 176.8	3 279.1	3 488.8	3 705.3	3 928.6	4 158.6
0.45	78.7	2 683.2	2 780.5	2 878.0	2 976.3	3 075.8	3 176.7	3 279.1	3 488.8	3 705.2	3 928.6	4 158.5
0.50	81.3	2 682.6	2 780.1	2 877.7	2 976.1	3 075.7	3 176.6	3 279.0	3 488.7	3 705.2	3 928.6	4 158.5
0.60	86.0	2 681.3	2 779.4	2 877.3	2 975.8	3 075.4	3 176.4	3 278.8	3 488.6	3 705.1	3 928.5	4 158.5
0.70	90.0	2 680.0	2 778.6	2 876.8	2 975.5	3 075.2	3 176.2	3 278.7	3 488.5	3 705.0	3 928.4	4 158.4
0.80	93.5	2 678.8	2 777.8	2 876.3	2 975.2	3 075.0	3 176.0	3 278.5	3 488.4	3 705.0	3 928.4	4 158.4
0.90	96.7	2 677.5	2 777.1	2 875.8	2 974.8	3 074.7	3 175.8	3 278.4	3 488.3	3 704.9	3 928.3	4 158.3
1.00	99.6	2 676.2	2 776.3	2 875.4	2 974.5	3 074.5	3 175.6	3 278.2	3 488.1	3 704.8	3 928.2	4 158.3
1.50	111.4	..	2 772.5	2 872.9	2 972.9	3 073.3	3 174.7	3 277.5	3 487.6	3 704.4	3 927.9	4 158.0
2.00	120.2	..	2 768.5	2 870.5	2 971.2	3 072.1	3 173.8	3 276.7	3 487.0	3 704.0	3 927.6	4 157.8

Specific Enthalpy of Superheated Steam

(p)	(t)	100	150	200	250	300	350	400	500	600	700	800
2.5	127.4	..	..	2764.5	2868.0	2969.6	3070.9	3172.8	3275.9	3386.5	3503.6	3627.3
3.0	133.5	..	..	2760.4	2865.5	2967.9	3069.7	3171.9	3275.2	3386.0	3503.2	3627.0
3.5	138.2	..	..	2756.3	2863.0	2966.2	3068.4	3170.9	3274.4	3384.4	3502.7	3626.7
4.0	142.6	..	..	2752.0	2860.4	2964.5	3067.2	3170.0	3273.6	3384.9	3502.3	3626.4
4.5	147.9	..	..	2746.7	2857.8	2962.8	3066.0	3169.1	3272.9	3384.3	3501.9	3626.1
5.0	151.8	..	..	..	2855.1	2961.1	3064.8	3168.1	3272.1	3383.8	3501.5	3625.8
6.0	158.8	..	..	2849.7	2857.0	2957.0	3062.3	3166.2	3270.6	3382.7	3500.7	3625.1
7.0	165.0	..	..	2844.2	2854.0	2954.0	3059.8	3164.3	3269.0	3381.6	3499.9	3624.5
8.0	170.4	..	..	2838.9	2850.4	2950.4	3057.3	3162.4	3267.5	3380.5	3499.1	3623.9
9.0	175.4	..	..	2832.7	2846.8	2946.8	3054.7	3160.5	3266.0	3379.4	3498.2	3623.3
10.0	179.9	..	..	..	2826.8	2943.0	3052.1	3158.5	3264.4	3378.3	3497.2	3622.7
11.0	184.1	..	..	2820.7	2939.3	3049.6	3049.6	3156.6	3262.9	3377.2	3496.6	3622.0
12.0	188.0	..	..	2814.4	2935.4	3046.9	3046.9	3154.6	3261.3	3376.1	3495.8	3621.4
13.0	191.6	..	..	2808.0	2931.5	3044.3	3044.3	3152.7	3259.7	3375.0	3495.0	3620.8
14.0	195.0	..	..	2801.4	2927.6	3041.6	3041.6	3150.7	3258.2	3373.9	3494.1	3620.2
15.0	198.3	..	..	2794.7	2923.5	3038.9	3038.9	3148.7	3256.6	3372.8	3493.3	3619.6
16.0	201.4	..	..	..	2919.4	3036.2	3036.2	3146.7	3255.0	3371.7	3492.5	3619.0
17.0	204.3	..	..	..	2915.3	3033.5	3033.5	3144.7	3253.5	3370.6	3491.8	3618.3
18.0	207.1	..	..	..	2911.0	3030.7	3030.7	3142.7	3251.9	3369.5	3491.0	3617.7
19.0	209.8	..	..	..	2906.7	3027.9	3027.9	3140.7	3250.3	3368.4	3490.2	3617.1
20.0	212.4	..	..	..	2902.4	3025.0	3025.0	3138.6	3248.7	3367.3	3489.5	3616.5
22.0	217.2	..	..	..	2893.4	3019.3	3019.3	3134.5	3245.5	3365.1	3487.6	3615.2
24.0	221.8	..	..	..	2884.2	3013.4	3013.4	3130.4	3242.3	3362.9	3485.9	3614.0
26.0	226.0	..	..	..	2874.7	3007.4	3007.4	3126.1	3239.0	3360.6	3484.3	3612.7
28.0	230.0	..	..	..	2864.9	3001.3	3001.3	3121.9	3235.8	3358.4	3482.6	3611.5
30.0	233.8	..	..	..	2854.8	2995.1	2995.1	3117.5	3232.5	3356.2	3481.0	3610.3
32.0	237.4	..	..	..	2844.4	2988.7	2988.7	3113.2	3229.2	3354.0	3479.3	3609.0
34.0	240.9	..	..	..	2833.6	2982.2	2982.2	3108.7	3225.9	3351.7	3477.7	3607.8
36.0	244.2	..	..	..	2822.5	2975.6	2975.6	3104.2	3222.5	3349.5	3476.1	3606.5
38.0	247.3	..	..	..	2811.0	2968.9	2968.9	3099.7	3219.1	3347.2	3474.4	3605.3

Specific Enthalpy of Superheated Steam

(p)	(t)	100	150	200	250	300	350	400	500	600	700	800
40.0	250.3	..	..	..	..	2962.0	3095.1	3215.7	3445.0	3672.8	3904.1	4140.0
42.0	253.2	..	..	..	..	2955.0	3090.4	3212.3	3442.7	3671.1	3902.8	4139.1
44.0	256.0	..	..	..	..	2947.8	3085.7	3208.8	3440.5	3669.5	3901.6	4138.2
46.0	258.8	..	..	..	..	2940.5	3080.9	3205.3	3438.2	3667.8	3900.3	4137.2
48.0	261.4	..	..	..	..	2933.1	3076.1	3201.8	3435.9	3666.2	3899.1	4136.3
50.0	263.9	..	..	..	..	2925.5	3071.2	3198.3	3433.7	3664.5	3897.9	4135.3
55.0	269.9	..	..	..	..	2905.8	3058.7	3189.3	3427.9	3660.4	3894.8	4133.0
60.0	275.6	..	..	..	..	2885.0	3045.8	3180.1	3422.2	3656.2	3891.7	4130.7
65.0	280.8	..	..	..	..	2863.0	3032.4	3170.8	3416.4	3652.1	3888.6	4128.8
70.0	285.8	..	..	..	..	2839.0	3018.7	3161.2	3410.6	3647.9	3885.4	4126.0
75.0	290.5	..	..	..	..	2814.1	3004.5	3151.6	3404.7	3643.7	3882.4	4123.7
80.0	295.0	..	..	..	..	2786.6	2989.9	3141.6	3398.8	3639.5	3879.2	4121.3
85.0	299.2	..	..	..	..	2757.1	2974.7	3131.5	3392.8	3635.4	3876.1	4119.0
90.0	303.3	..	..	..	..	..	2959.0	3121.2	3386.8	3631.1	3873.0	4116.7
95.0	307.2	..	..	..	..	..	2942.7	3110.7	3380.7	3627.0	3869.9	4114.4
100.0	311.0	..	..	..	..	..	2925.8	3099.9	3374.6	3622.7	3866.8	4112.0
110.0	318.0	..	..	..	..	..	2889.6	3077.8	3362.2	3614.2	3860.5	4107.3
120.0	324.6	..	..	..	..	..	2849.7	3054.8	3349.6	3605.7	3854.3	4102.7
130.0	330.8	..	..	..	..	..	2805.0	3030.7	3336.8	3597.1	3848.0	4098.0
140.0	336.6	..	..	..	..	..	2754.2	3005.6	3323.8	3588.5	3841.7	4093.3
150.0	342.1	..	..	..	..	..	2694.8	2979.1	3310.6	3579.8	3835.4	4088.6
160.0	347.3	..	..	..	..	..	2620.8	2951.3	3297.1	3571.0	3829.1	4084.0
170.0	352.3	..	..	..	..	..	2521.7	2923.5	3283.5	3562.2	3822.8	4079.3
180.0	357.0	..	..	..	..	..	2489.3	2893.6	3269.6	3553.4	3816.5	4074.6
190.0	361.4	..	..	..	..	..	2456.7	2865.7	3255.4	3544.5	3810.2	4070.0
200.0	365.7	..	..	..	..	..	2420.5	2841.1	3241.1	3535.5	3803.8	4065.3
210.0	369.8	..	..	..	..	..	2381.3	2826.5	3226.5	3526.5	3797.5	4060.6
220.0	373.7	..	..	..	..	..	2348.8	2811.7	3211.7	3517.4	3791.1	4055.9
221.2	374.15	..	..	..	..	..	..	2734.5	3210.7	3516.4	3789.1	4054.7

TABLE 5
Specific Entropy of Superheated Steam

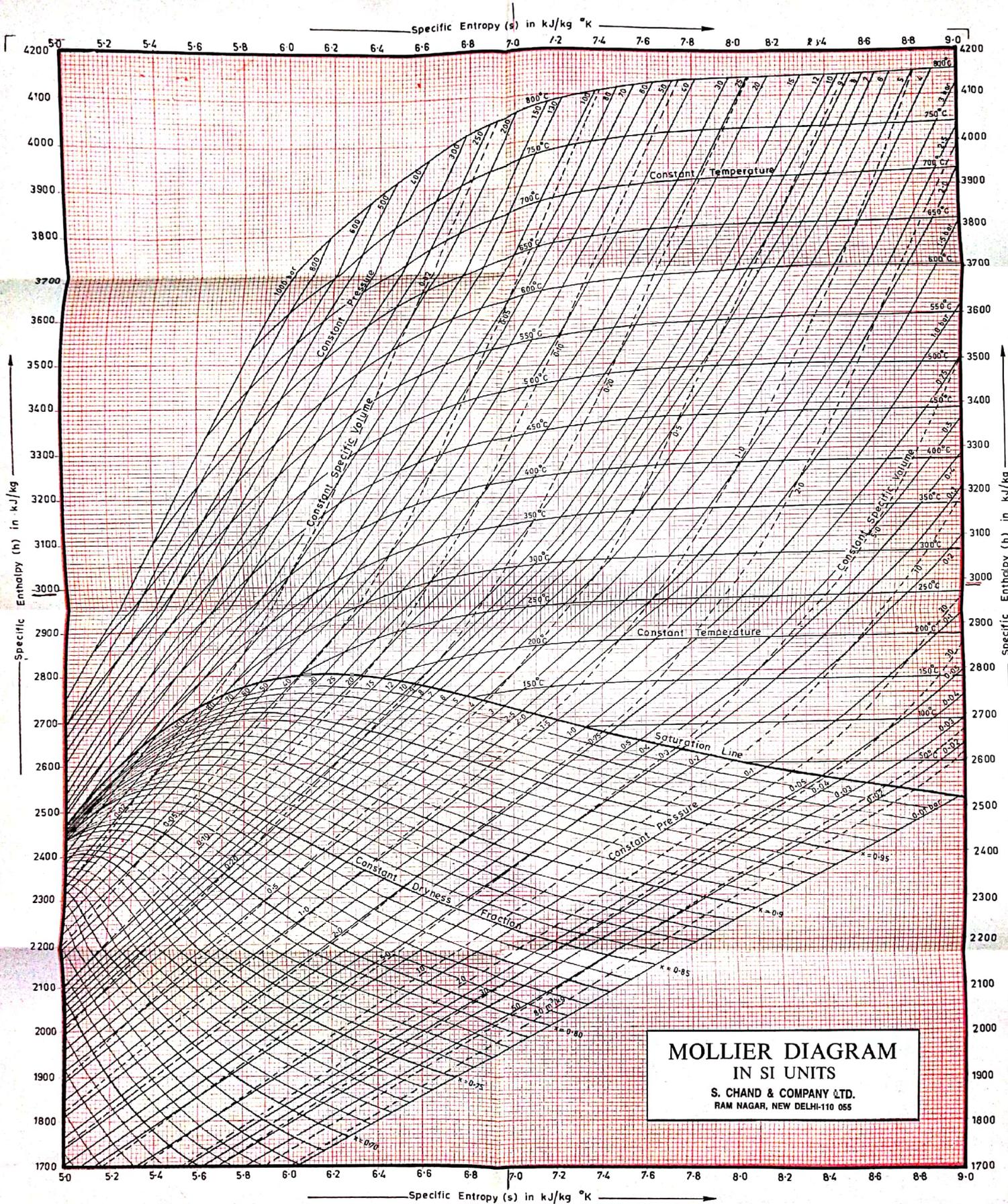
Absolute Pressure in bar (p)	Saturation Temperature in °C (t _s)	Specific entropy (s) in kJ/kg K at various temperatures in °C										
		100	150	200	250	300	350	400	500	600	700	800
0.02	17.5	9.193	9.433	9.648	9.844	10.025	10.193	10.351	10.641	10.904	11.146	11.371
0.04	29.0	8.873	9.113	9.328	9.524	9.705	9.874	10.031	10.321	10.585	10.827	11.051
0.06	36.2	8.665	8.925	9.141	9.337	9.518	9.686	9.844	10.134	10.397	10.639	10.864
0.08	41.5	8.552	8.792	9.008	9.204	9.385	9.554	9.711	10.001	10.265	10.507	10.731
0.10	45.8	8.449	8.689	8.905	9.101	9.282	9.450	9.608	9.898	10.162	10.404	10.628
0.15	54.0	8.261	8.502	8.718	8.915	9.096	9.264	9.422	9.712	9.975	10.217	10.442
0.20	60.1	8.126	8.368	8.584	8.781	8.962	9.130	9.288	9.578	9.842	10.084	10.309
0.25	65.0	8.022	8.264	8.481	8.678	8.859	9.028	9.186	9.476	9.739	9.981	10.206
0.30	69.1	7.936	8.179	8.396	8.593	8.774	8.943	9.101	9.391	9.654	9.897	10.121
0.35	72.7	7.864	8.107	8.325	8.522	8.703	8.872	9.030	9.320	9.583	9.826	10.050
0.40	75.9	7.801	8.045	8.263	8.460	8.641	8.810	8.968	9.258	9.522	9.764	9.989
0.45	78.7	7.745	7.990	8.208	8.405	8.587	8.755	8.914	9.204	9.467	9.709	9.934
0.50	81.3	7.695	7.941	8.159	8.356	8.538	8.707	8.865	9.155	9.419	9.661	9.886
0.60	86.0	7.609	7.855	8.074	8.272	8.454	8.622	8.781	9.071	9.334	9.576	9.801
0.70	90.0	7.535	7.783	8.002	8.200	8.382	8.551	8.709	9.000	9.263	9.505	9.730
0.80	93.5	7.470	7.720	7.940	8.138	8.320	8.489	8.648	8.938	9.214	9.444	9.669
0.90	96.7	7.413	7.664	7.884	8.083	8.266	8.435	8.593	8.884	9.147	9.389	9.614
1.00	99.6	7.362	7.614	7.835	8.034	8.217	8.386	8.544	8.835	9.098	9.341	9.565
1.50	111.4	..	7.419	7.644	7.845	8.028	8.198	8.356	8.647	8.911	9.153	9.378
2.00	120.2	..	7.279	7.507	7.710	7.894	8.064	8.223	8.514	8.778	9.020	9.245

Specific Entropy of Superheated Steam

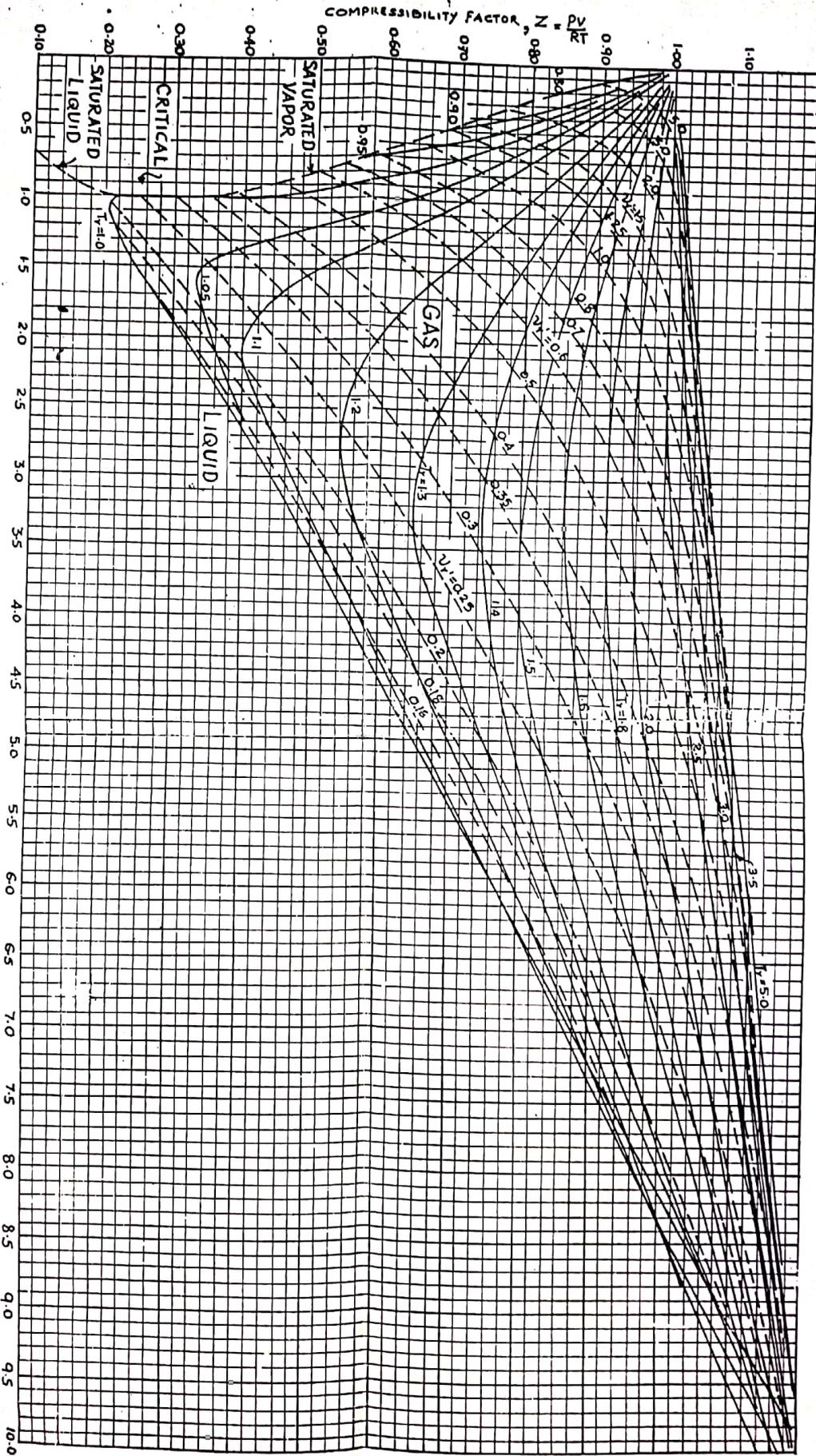
(p)	(t _s)	Specific Entropy of Superheated Steam										
		100	150	200	250	300	350	400	500	600	700	800
2.5	127.4	..	7.169	7.400	7.604	7.789	7.960	8.119	8.410	8.674	8.917	9.142
3.0	133.5	..	7.077	7.312	7.518	7.703	7.874	8.034	8.326	8.590	8.833	9.058
3.5	138.5	..	6.998	7.237	7.444	7.631	7.802	7.962	8.254	8.518	8.761	8.986
4.0	143.6	..	6.929	7.171	7.380	7.568	7.740	7.899	8.192	8.456	8.699	8.925
4.5	147.9	..	6.866	7.112	7.323	7.512	7.684	7.844	8.137	8.402	8.645	8.870
5.0	151.8	..	..	7.059	7.272	7.461	7.634	7.795	8.088	8.353	8.596	8.821
6.0	158.8	..	..	6.966	7.183	7.374	7.548	7.709	8.003	8.268	8.511	8.737
7.0	165.0	..	..	6.886	7.107	7.300	7.475	7.636	7.931	8.196	8.440	8.665
8.0	170.4	..	..	6.815	7.040	7.235	7.411	7.573	7.868	8.134	8.377	8.603
9.0	175.4	..	..	6.751	6.980	7.177	7.354	7.517	7.812	8.079	8.323	8.549
10.0	179.9	..	..	6.692	6.926	7.125	7.303	7.467	7.763	8.029	8.273	8.500
11.0	184.1	..	..	6.638	6.876	7.078	7.257	7.421	7.718	7.985	8.229	8.455
12.0	188.0	..	..	6.587	6.831	7.034	7.214	7.379	7.677	7.944	8.188	8.415
13.0	191.6	..	..	6.539	6.788	6.994	7.175	7.340	7.639	7.906	8.151	8.378
14.0	195.0	..	..	6.494	6.748	6.956	7.139	7.305	7.603	7.871	8.116	8.343
15.0	198.3	..	..	6.451	6.710	6.921	7.104	7.271	7.570	7.839	8.084	8.311
16.0	201.4	..	..	..	6.674	6.887	7.072	7.239	7.540	7.808	8.054	8.281
17.0	204.3	..	..	..	6.640	6.856	7.042	7.210	7.511	7.779	8.025	8.252
18.0	207.1	..	..	..	6.607	6.826	7.013	7.182	7.483	7.752	7.998	8.226
19.0	209.8	..	..	..	6.576	6.797	7.086	7.155	7.457	7.727	7.973	8.200
20.0	212.4	..	..	..	6.545	6.770	7.060	7.130	7.432	7.702	7.949	8.176
22.0	217.2	..	..	..	6.488	6.718	6.911	7.082	7.386	7.657	7.904	8.132
24.0	221.8	..	..	..	6.434	6.670	6.866	7.038	7.344	7.615	7.862	8.091
26.0	226.0	..	..	..	6.382	6.625	6.824	6.998	7.305	7.577	7.825	8.053
28.0	230.0	..	..	..	6.333	6.582	6.784	6.960	7.269	7.541	7.789	8.018
30.0	233.8	..	..	..	6.286	6.542	6.747	6.925	7.235	7.508	7.756	7.986
32.0	237.4	..	..	..	6.240	6.504	6.712	6.891	7.203	7.477	7.726	7.955
34.0	240.9	..	..	..	6.195	6.467	6.679	6.860	7.172	7.447	7.697	7.927
36.0	244.2	..	..	..	6.151	6.432	6.647	6.829	7.144	7.420	7.669	7.900
38.0	247.3	..	..	..	6.109	6.397	6.616	6.801	7.117	7.393	7.643	7.874

Specific Entropy of Superheated Steam

(p)	(t_s)	100	150	200	250	300	350	400	500	600	700	800
40.0	250.3	..	..	..	..	6.364	6.587	6.773	7.091	7.368	7.619	7.850
42.0	253.2	..	..	..	..	6.332	6.559	6.747	7.066	7.344	7.595	7.826
44.0	256.0	..	..	..	..	6.301	6.532	6.722	7.043	7.321	7.573	7.804
46.0	258.8	..	..	..	..	6.270	6.505	6.697	7.020	7.299	7.551	7.783
48.0	261.4	..	..	..	..	6.240	6.479	6.674	6.998	7.278	7.531	7.763
50.0	263.9	..	..	..	..	6.211	6.455	6.651	6.977	7.258	7.511	7.743
55.0	269.9	..	..	..	..	6.139	6.395	6.597	6.928	7.210	7.464	7.697
60.0	275.6	..	..	..	..	6.069	6.339	6.546	6.882	7.166	7.422	7.655
65.0	280.8	..	..	..	..	6.001	6.285	6.499	6.839	7.126	7.382	7.617
70.0	285.8	..	..	..	..	5.933	6.233	6.454	6.799	7.088	7.346	7.581
75.0	290.5	..	..	..	..	5.864	6.184	6.411	6.762	7.053	7.311	7.547
80.0	295.0	..	..	..	..	5.794	6.135	6.369	6.726	7.019	7.279	7.516
85.0	299.2	..	..	..	..	5.744	6.088	6.330	6.692	6.987	7.249	7.486
90.0	303.3	..	..	..	..	..	6.041	6.292	6.660	6.957	7.220	7.458
95.0	307.2	..	..	..	..	..	5.995	6.254	6.629	6.929	7.192	7.431
100.0	311.0	..	..	..	..	..	5.949	6.218	6.599	6.901	7.166	7.406
110.0	318.0	..	..	..	..	..	5.857	6.148	6.543	6.850	7.117	7.358
120.0	324.6	..	..	..	..	..	5.764	6.081	6.491	6.802	7.072	7.315
130.0	330.8	..	..	..	..	..	5.666	6.016	6.441	6.758	7.030	7.274
140.0	336.6	..	..	..	..	..	5.562	5.951	6.394	6.716	6.991	7.237
150.0	342.1	..	..	..	..	..	5.447	5.888	6.349	6.676	6.954	7.201
160.0	347.3	..	..	..	..	..	5.311	5.824	6.305	6.639	6.919	7.168
170.0	352.3	..	..	..	..	..	..	5.760	6.264	6.603	6.886	7.137
180.0	357.0	..	..	..	..	..	..	5.695	6.223	6.569	6.854	7.107
190.0	361.4	..	..	..	..	..	..	5.628	6.184	6.536	6.824	7.078
200.0	365.7	..	..	..	..	..	..	5.559	6.146	6.504	6.795	7.051
210.0	369.8	..	..	..	..	..	..	5.486	6.108	6.474	6.768	7.025
200.0	373.7	..	..	..	..	..	..	5.410	6.072	6.444	6.741	7.000
221.2	374.15	..	..	..	..	..	..	5.399	6.068	6.441	6.738	6.994



MOLLIER DIAGRAM
IN SI UNITS
 S. CHAND & COMPANY LTD.
 RAM NAGAR, NEW DELHI-110 055

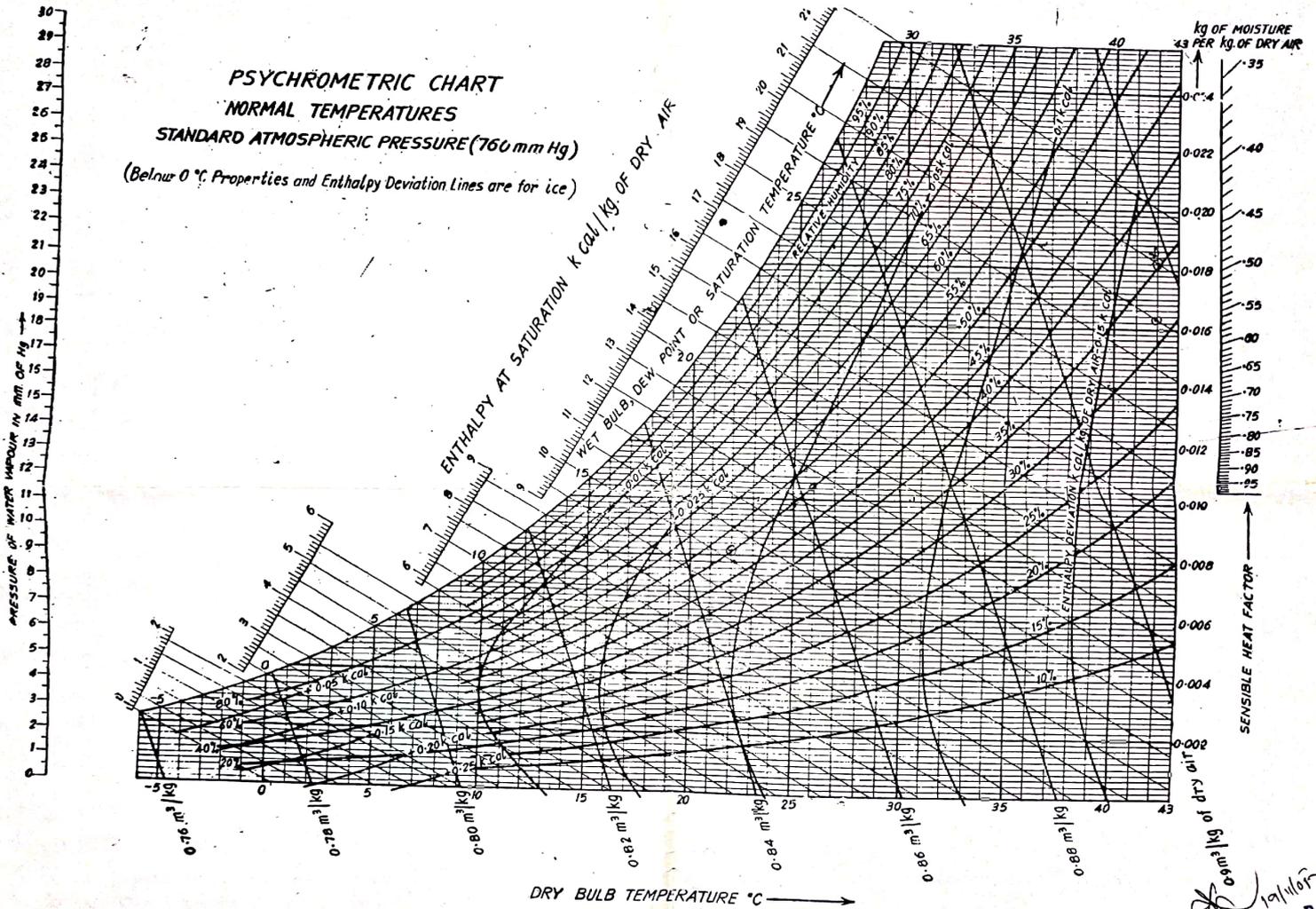


REDUCED PRESSURE, $P_r = \frac{P}{P_c}$

COMPRESSIBILITY CHART

DEPT. OF CHEMICAL ENGG. COLLEGE,
 BHARATHI UNIVERSITY, ANANTHAPURAM
 MUNICIPALITY

PSYCHROMETRIC CHART
NORMAL TEMPERATURES
STANDARD ATMOSPHERIC PRESSURE (760 mm Hg)
(Below 0 °C Properties and Enthalpy Deviation Lines are for ice)



19/11/19
 Dept.