

**Table 2** Saturation state  
(Pressure table)

$p$	$t_s$	$v'$	$v''$	$h'$	$h''$	$\Delta h_v$	$s'$	$s''$	$\Delta s_v$
[ bar ]	[ °C ]	[ m <sup>3</sup> kg <sup>-1</sup> ]			[ kJ kg <sup>-1</sup> ]			[ kJ kg <sup>-1</sup> K <sup>-1</sup> ]	
0.006112127	0	0.00100021	206.140	-0.04159	2500.89	2500.93	-0.0001545	9.1558	9.1559
0.006116570 <sup>a</sup>	0.01	0.00100021	205.997	0.0006118	2500.91	2500.91	0	9.1555	9.1555
0.007	1.88090	0.00100011	181.223	7.88979	2504.35	2496.46	0.028782	9.1058	9.0770
0.008	3.76142	0.00100007	159.646	15.8087	2507.80	2491.99	0.057477	9.0567	8.9992
0.009	5.44443	0.00100009	142.763	22.8881	2510.89	2488.00	0.082965	9.0135	8.9305
0.01	6.96963	0.00100014	129.183	29.2982	2513.68	2484.38	0.10591	8.9749	8.8690
0.02	17.4953	0.00100136	66.9896	73.4346	2532.91	2459.48	0.26058	8.7227	8.4621
0.03	24.0799	0.00100277	45.6550	100.990	2544.88	2443.89	0.35433	8.5766	8.2222
0.04	28.9615	0.00100410	34.7925	121.404	2553.71	2432.31	0.42245	8.4735	8.0510
0.05	32.8755	0.00100532	28.1863	137.765	2560.77	2423.00	0.47625	8.3939	7.9177
0.06	36.1603	0.00100645	23.7342	151.494	2566.67	2415.17	0.52087	8.3291	7.8083
0.07	39.0009	0.00100749	20.5252	163.366	2571.76	2408.39	0.55908	8.2746	7.7155
0.08	41.5101	0.00100847	18.0994	173.852	2576.24	2402.39	0.59253	8.2274	7.6349
0.09	43.7618	0.00100939	16.1997	183.262	2580.25	2396.99	0.62233	8.1859	7.5636
0.1	45.8075	0.00101026	14.6706	191.812	2583.89	2392.07	0.64922	8.1489	7.4997
0.2	60.0586	0.00101714	7.64815	251.400	2608.95	2357.55	0.83195	7.9072	7.0753
0.3	69.0954	0.00102222	5.22856	289.229	2624.55	2335.32	0.94394	7.7675	6.8235
0.4	75.8568	0.00102636	3.99311	317.566	2636.05	2318.48	1.0259	7.6690	6.6431
0.5	81.3167	0.00102991	3.24015	340.476	2645.21	2304.74	1.0910	7.5930	6.5020
0.6	85.9258	0.00103306	2.73183	359.837	2652.85	2293.02	1.1452	7.5311	6.3859
0.7	89.9315	0.00103589	2.36490	376.680	2659.42	2282.74	1.1919	7.4790	6.2871
0.8	93.4854	0.00103849	2.08719	391.639	2665.18	2273.54	1.2328	7.4339	6.2011
0.9	96.6870	0.00104090	1.86946	405.128	2670.31	2265.19	1.2694	7.3942	6.1248
1.0	99.6059	0.00104315	1.69402	417.436	2674.95	2257.51	1.3026	7.3588	6.0562
1.01325 <sup>b</sup>	99.9743	0.00104344	1.67330	418.991	2675.53	2256.54	1.3067	7.3544	6.0477
1.1	102.292	0.00104526	1.54955	428.775	2679.18	2250.40	1.3328	7.3268	5.9940
1.2	104.784	0.00104727	1.42845	439.299	2683.06	2243.76	1.3608	7.2976	5.9369
1.3	107.109	0.00104917	1.32541	449.132	2686.65	2237.52	1.3867	7.2708	5.8842
1.4	109.292	0.00105098	1.23665	458.367	2689.99	2231.62	1.4109	7.2460	5.8352
1.5	111.350	0.00105272	1.15936	467.081	2693.11	2226.03	1.4335	7.2229	5.7894
1.6	113.298	0.00105440	1.09143	475.336	2696.04	2220.71	1.4549	7.2014	5.7464
1.7	115.149	0.00105601	1.03124	483.184	2698.81	2215.62	1.4752	7.1811	5.7059
1.8	116.912	0.00105756	0.977534	490.668	2701.42	2210.75	1.4944	7.1620	5.6677
1.9	118.597	0.00105906	0.929299	497.825	2703.89	2206.07	1.5127	7.1440	5.6313
2.0	120.212	0.00106052	0.885735	504.684	2706.24	2201.56	1.5301	7.1269	5.5968
2.1	121.761	0.00106193	0.846187	511.273	2708.48	2197.21	1.5468	7.1106	5.5638
2.2	123.251	0.00106331	0.810119	517.615	2710.62	2193.00	1.5628	7.0951	5.5323
2.3	124.688	0.00106464	0.777086	523.731	2712.66	2188.93	1.5782	7.0802	5.5021
2.4	126.074	0.00106595	0.746716	529.637	2714.62	2184.98	1.5930	7.0660	5.4731
2.5	127.414	0.00106722	0.718697	535.350	2716.50	2181.15	1.6072	7.0524	5.4452
2.6	128.711	0.00106846	0.692763	540.884	2718.31	2177.42	1.6210	7.0393	5.4183
2.7	129.968	0.00106968	0.668687	546.251	2720.04	2173.79	1.6343	7.0267	5.3924
2.8	131.188	0.00107087	0.646274	551.462	2721.72	2170.26	1.6472	7.0146	5.3674
2.9	132.373	0.00107203	0.625355	556.527	2723.33	2166.81	1.6597	7.0029	5.3432
3.0	133.525	0.00107318	0.605785	561.455	2724.89	2163.44	1.6718	6.9916	5.3198
3.1	134.647	0.00107430	0.587436	566.255	2726.40	2160.14	1.6835	6.9806	5.2971
3.2	135.740	0.00107540	0.570196	570.935	2727.86	2156.92	1.6950	6.9700	5.2751
3.3	136.806	0.00107648	0.553966	575.500	2729.27	2153.77	1.7061	6.9597	5.2537
3.4	137.845	0.00107754	0.538658	579.957	2730.64	2150.68	1.7169	6.9498	5.2329

<sup>a</sup> Pressure at the triple point.<sup>b</sup> This pressure corresponds to 1 atm.

**Table 2** Saturation state – Continued  
(Pressure table)

$p$ [ bar ]	$t_s$ [ °C ]	$v'$ [ m <sup>3</sup> kg <sup>-1</sup> ]	$v''$ [ m <sup>3</sup> kg <sup>-1</sup> ]	$h'$ [ kJ kg <sup>-1</sup> ]	$h''$ [ kJ kg <sup>-1</sup> ]	$\Delta h_v$ [ kJ kg <sup>-1</sup> ]	$s'$ [ kJ kg <sup>-1</sup> K <sup>-1</sup> ]	$s''$ [ kJ kg <sup>-1</sup> K <sup>-1</sup> ]	$\Delta s_v$ [ kJ kg <sup>-1</sup> K <sup>-1</sup> ]
3.5	138.861	0.00107858	0.524196	584.311	2731.97	2147.65	1.7275	6.9401	5.2126
3.6	139.853	0.00107961	0.510510	588.569	2733.25	2144.68	1.7378	6.9307	5.1929
3.7	140.823	0.00108062	0.497539	592.735	2734.51	2141.77	1.7478	6.9215	5.1737
3.8	141.773	0.00108161	0.485228	596.813	2735.72	2138.91	1.7576	6.9126	5.1550
3.9	142.702	0.00108259	0.473527	600.808	2736.91	2136.10	1.7672	6.9039	5.1367
4.0	143.613	0.00108356	0.462392	604.723	2738.06	2133.33	1.7766	6.8954	5.1188
4.1	144.505	0.00108451	0.451781	608.563	2739.18	2130.62	1.7858	6.8872	5.1014
4.2	145.380	0.00108545	0.441658	612.330	2740.27	2127.94	1.7948	6.8791	5.0843
4.3	146.238	0.00108638	0.431990	616.027	2741.33	2125.31	1.8036	6.8712	5.0676
4.4	147.081	0.00108729	0.422747	619.657	2742.37	2122.72	1.8122	6.8635	5.0513
4.5	147.908	0.00108820	0.413900	623.224	2743.39	2120.16	1.8206	6.8560	5.0353
4.6	148.721	0.00108909	0.405425	626.730	2744.38	2117.65	1.8289	6.8486	5.0197
4.7	149.519	0.00108997	0.397299	630.177	2745.34	2115.16	1.8371	6.8414	5.0043
4.8	150.305	0.00109084	0.389499	633.567	2746.28	2112.72	1.8450	6.8343	4.9892
4.9	151.077	0.00109170	0.382007	636.902	2747.21	2110.30	1.8529	6.8274	4.9745
5.0	151.836	0.00109256	0.374804	640.185	2748.11	2107.92	1.8606	6.8206	4.9600
5.5	155.462	0.00109668	0.342592	655.877	2752.33	2096.45	1.8972	6.7885	4.8913
6.0	158.832	0.00110061	0.315575	670.501	2756.14	2085.64	1.9311	6.7592	4.8281
6.5	161.986	0.00110436	0.292581	684.216	2759.60	2075.38	1.9626	6.7321	4.7695
7.0	164.953	0.00110797	0.272764	697.143	2762.75	2065.61	1.9921	6.7070	4.7149
7.5	167.755	0.00111144	0.255503	709.384	2765.64	2056.26	2.0198	6.6835	4.6637
8.0	170.414	0.00111479	0.240328	721.018	2768.30	2047.28	2.0460	6.6615	4.6156
8.5	172.943	0.00111803	0.226878	732.113	2770.76	2038.65	2.0708	6.6408	4.5700
9.0	175.358	0.00112118	0.214874	742.725	2773.04	2030.31	2.0944	6.6212	4.5268
9.5	177.669	0.00112425	0.204090	752.901	2775.15	2022.25	2.1169	6.6027	4.4857
10.0	179.886	0.00112723	0.194349	762.683	2777.12	2014.44	2.1384	6.5850	4.4465
10.5	182.017	0.00113015	0.185504	772.105	2778.95	2006.85	2.1591	6.5681	4.4091
11.0	184.070	0.00113299	0.177436	781.198	2780.67	1999.47	2.1789	6.5520	4.3731
11.5	186.050	0.00113578	0.170045	789.988	2782.27	1992.28	2.1979	6.5365	4.3386
12.0	187.965	0.00113850	0.163250	798.499	2783.77	1985.27	2.2163	6.5217	4.3054
12.5	189.817	0.00114118	0.156979	806.751	2785.17	1978.42	2.2340	6.5074	4.2734
13.0	191.613	0.00114380	0.151175	814.764	2786.49	1971.73	2.2512	6.4936	4.2425
13.5	193.355	0.00114638	0.145786	822.552	2787.73	1965.18	2.2678	6.4804	4.2126
14.0	195.047	0.00114892	0.140768	830.132	2788.89	1958.76	2.2839	6.4675	4.1836
14.5	196.693	0.00115141	0.136084	837.516	2789.98	1952.47	2.2995	6.4551	4.1556
15.0	198.295	0.00115387	0.131702	844.717	2791.01	1946.29	2.3147	6.4431	4.1284
15.5	199.856	0.00115629	0.127593	851.745	2791.97	1940.23	2.3294	6.4314	4.1019
16.0	201.378	0.00115868	0.123732	858.610	2792.88	1934.27	2.3438	6.4200	4.0762
16.5	202.864	0.00116103	0.120097	865.322	2793.73	1928.41	2.3578	6.4090	4.0512
17.0	204.315	0.00116336	0.116668	871.888	2794.53	1922.64	2.3715	6.3983	4.0268
17.5	205.733	0.00116565	0.113428	878.316	2795.28	1916.96	2.3848	6.3878	4.0030
18.0	207.120	0.00116792	0.110362	884.614	2795.99	1911.37	2.3978	6.3776	3.9798
18.5	208.477	0.00117016	0.107456	890.788	2796.65	1905.86	2.4105	6.3676	3.9571
19.0	209.806	0.00117238	0.104698	896.844	2797.26	1900.42	2.4229	6.3579	3.9350
19.5	211.108	0.00117458	0.102076	902.786	2797.84	1895.06	2.4351	6.3484	3.9133

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(Pressure table)

$p$ [ bar ]	$t_s$ [ °C ]	$v'$ [ m <sup>3</sup> kg <sup>-1</sup> ]	$v''$ [ m <sup>3</sup> kg <sup>-1</sup> ]	$h'$	$h''$ [ kJ kg <sup>-1</sup> ]	$\Delta h_v$	$s'$	$s''$ [ kJ kg <sup>-1</sup> K <sup>-1</sup> ]	$\Delta s_v$
20.0	212.385	0.00117675	0.0995805	908.622	2798.38	1889.76	2.4470	6.3392	3.8921
20.5	213.637	0.00117890	0.0972026	914.355	2798.89	1884.53	2.4587	6.3301	3.8714
21.0	214.865	0.00118103	0.0949339	919.989	2799.36	1879.37	2.4701	6.3212	3.8511
21.5	216.071	0.00118314	0.0927671	925.530	2799.80	1874.27	2.4814	6.3125	3.8311
22.0	217.256	0.00118524	0.0906953	930.981	2800.20	1869.22	2.4924	6.3040	3.8116
22.5	218.420	0.00118731	0.0887123	936.345	2800.58	1864.23	2.5032	6.2956	3.7924
23.0	219.564	0.00118937	0.0868125	941.626	2800.92	1859.30	2.5138	6.2874	3.7736
23.5	220.689	0.00119141	0.0849906	946.827	2801.24	1854.42	2.5242	6.2793	3.7551
24.0	221.795	0.00119343	0.0832421	951.952	2801.54	1849.58	2.5344	6.2714	3.7370
24.5	222.885	0.00119544	0.0815623	957.003	2801.80	1844.80	2.5445	6.2636	3.7191
25.0	223.956	0.00119744	0.0799474	961.983	2802.04	1840.06	2.5544	6.2560	3.7015
25.5	225.012	0.00119942	0.0783935	966.895	2802.26	1835.37	2.5642	6.2485	3.6843
26.0	226.052	0.00120139	0.0768973	971.740	2802.45	1830.71	2.5738	6.2411	3.6673
26.5	227.076	0.00120334	0.0754556	976.521	2802.63	1826.11	2.5832	6.2338	3.6506
27.0	228.086	0.00120528	0.0740653	981.241	2802.78	1821.54	2.5925	6.2266	3.6341
27.5	229.081	0.00120721	0.0727238	985.901	2802.91	1817.01	2.6017	6.2196	3.6179
28.0	230.063	0.00120913	0.0714285	990.503	2803.02	1812.51	2.6107	6.2126	3.6019
28.5	231.031	0.00121104	0.0701770	995.050	2803.11	1808.06	2.6196	6.2058	3.5861
29.0	231.986	0.00121294	0.0689671	999.542	2803.18	1803.63	2.6284	6.1990	3.5706
29.5	232.928	0.00121482	0.0677968	1003.98	2803.23	1799.25	2.6371	6.1924	3.5553
30.0	233.858	0.00121670	0.0666641	1008.37	2803.26	1794.89	2.6456	6.1858	3.5402
30.5	234.777	0.00121857	0.0655672	1012.71	2803.28	1790.57	2.6541	6.1793	3.5253
31.0	235.684	0.00122042	0.0645044	1017.00	2803.28	1786.28	2.6624	6.1729	3.5105
31.5	236.580	0.00122227	0.0634741	1021.25	2803.27	1782.02	2.6706	6.1666	3.4960
32.0	237.464	0.00122411	0.0624748	1025.45	2803.24	1777.79	2.6787	6.1604	3.4817
32.5	238.339	0.00122594	0.0615052	1029.61	2803.19	1773.58	2.6867	6.1542	3.4675
33.0	239.203	0.00122777	0.0605639	1033.72	2803.13	1769.41	2.6946	6.1481	3.4535
33.5	240.057	0.00122958	0.0596497	1037.79	2803.05	1765.26	2.7025	6.1421	3.4397
34.0	240.901	0.00123139	0.0587614	1041.83	2802.96	1761.14	2.7102	6.1362	3.4260
34.5	241.736	0.00123319	0.0578979	1045.82	2802.86	1757.04	2.7178	6.1303	3.4125
35.0	242.562	0.00123498	0.0570582	1049.78	2802.74	1752.97	2.7254	6.1245	3.3991
35.5	243.378	0.00123677	0.0562413	1053.69	2802.61	1748.92	2.7329	6.1188	3.3859
36.0	244.186	0.00123855	0.0554463	1057.57	2802.47	1744.90	2.7403	6.1131	3.3728
36.5	244.986	0.00124032	0.0546722	1061.42	2802.31	1740.89	2.7476	6.1075	3.3599
37.0	245.776	0.00124209	0.0539183	1065.23	2802.15	1736.91	2.7548	6.1019	3.3471
37.5	246.559	0.00124385	0.0531837	1069.01	2801.97	1732.96	2.7619	6.0964	3.3345
38.0	247.334	0.00124560	0.0524678	1072.76	2801.78	1729.02	2.7690	6.0910	3.3219
38.5	248.101	0.00124735	0.0517698	1076.47	2801.57	1725.10	2.7760	6.0856	3.3095
39.0	248.861	0.00124910	0.0510890	1080.15	2801.36	1721.21	2.7830	6.0802	3.2973
39.5	249.613	0.00125084	0.0504248	1083.80	2801.13	1717.33	2.7898	6.0749	3.2851
40.0	250.358	0.00125257	0.0497766	1087.43	2800.90	1713.47	2.7967	6.0697	3.2731
40.5	251.095	0.00125430	0.0491438	1091.02	2800.65	1709.63	2.8034	6.0645	3.2611
41.0	251.826	0.00125602	0.0485259	1094.58	2800.39	1705.81	2.8101	6.0594	3.2493
41.5	252.550	0.00125774	0.0479223	1098.12	2800.13	1702.01	2.8167	6.0543	3.2376
42.0	253.267	0.00125946	0.0473326	1101.63	2799.85	1698.22	2.8232	6.0492	3.2260

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42.5	253.978	0.00126117	0.0467562	1105.11	2799.57	1694.46	2.8297	6.0442	3.2145
43.0	254.683	0.00126288	0.0461927	1108.57	2799.27	1690.70	2.8362	6.0393	3.2031
43.5	255.381	0.00126458	0.0456417	1112.00	2798.97	1686.97	2.8425	6.0343	3.1918
44.0	256.073	0.00126628	0.0451027	1115.40	2798.65	1683.25	2.8488	6.0294	3.1806
44.5	256.759	0.00126797	0.0445754	1118.79	2798.33	1679.54	2.8551	6.0246	3.1695
45.0	257.439	0.00126966	0.0440593	1122.14	2798.00	1675.85	2.8613	6.0198	3.1585
45.5	258.114	0.00127135	0.0435542	1125.48	2797.66	1672.18	2.8675	6.0150	3.1475
46.0	258.783	0.00127304	0.0430596	1128.79	2797.31	1668.52	2.8736	6.0103	3.1367
46.5	259.446	0.00127472	0.0425753	1132.08	2796.95	1664.87	2.8797	6.0056	3.1260
47.0	260.104	0.00127639	0.0421009	1135.34	2796.59	1661.24	2.8857	6.0010	3.1153
47.5	260.757	0.00127807	0.0416361	1138.59	2796.21	1657.62	2.8916	5.9963	3.1047
48.0	261.404	0.00127974	0.0411806	1141.81	2795.83	1654.02	2.8975	5.9917	3.0942
48.5	262.046	0.00128141	0.0407341	1145.01	2795.44	1650.43	2.9034	5.9872	3.0838
49.0	262.683	0.00128308	0.0402964	1148.20	2795.04	1646.85	2.9092	5.9827	3.0734
49.5	263.316	0.00128474	0.0398672	1151.36	2794.64	1643.28	2.9150	5.9782	3.0632
50	263.943	0.00128641	0.0394463	1154.50	2794.23	1639.73	2.9207	5.9737	3.0530
51	265.183	0.00128972	0.0386282	1160.73	2793.38	1632.65	2.9321	5.9649	3.0328
52	266.405	0.00129303	0.0378403	1166.88	2792.51	1625.62	2.9433	5.9562	3.0129
53	267.610	0.00129633	0.0370811	1172.97	2791.60	1618.64	2.9543	5.9475	2.9933
54	268.797	0.00129962	0.0363488	1178.98	2790.67	1611.69	2.9652	5.9390	2.9739
55	269.967	0.00130291	0.0356422	1184.92	2789.72	1604.79	2.9759	5.9307	2.9548
56	271.121	0.00130619	0.0349597	1190.81	2788.74	1597.93	2.9865	5.9224	2.9359
57	272.260	0.00130947	0.0343003	1196.63	2787.73	1591.10	2.9969	5.9141	2.9173
58	273.383	0.00131274	0.0336627	1202.39	2786.70	1584.31	3.0072	5.9060	2.8988
59	274.492	0.00131601	0.0330458	1208.09	2785.64	1577.55	3.0174	5.8980	2.8806
60	275.586	0.00131927	0.0324487	1213.73	2784.56	1570.83	3.0274	5.8901	2.8626
61	276.667	0.00132253	0.0318703	1219.32	2783.46	1564.14	3.0374	5.8822	2.8448
62	277.734	0.00132579	0.0313098	1224.86	2782.33	1557.48	3.0472	5.8744	2.8272
63	278.788	0.00132905	0.0307664	1230.34	2781.19	1550.84	3.0569	5.8667	2.8098
64	279.830	0.00133231	0.0302392	1235.78	2780.02	1544.24	3.0665	5.8591	2.7926
65	280.859	0.00133557	0.0297276	1241.17	2778.83	1537.66	3.0760	5.8515	2.7755
66	281.876	0.00133882	0.0292308	1246.51	2777.62	1531.11	3.0854	5.8440	2.7586
67	282.881	0.00134208	0.0287482	1251.81	2776.39	1524.58	3.0947	5.8366	2.7419
68	283.875	0.00134534	0.0282792	1257.06	2775.13	1518.07	3.1039	5.8292	2.7253
69	284.858	0.00134860	0.0278231	1262.27	2773.86	1511.59	3.1130	5.8219	2.7089
70	285.830	0.00135186	0.0273796	1267.44	2772.57	1505.13	3.1220	5.8146	2.6926
71	286.791	0.00135512	0.0269479	1272.57	2771.26	1498.69	3.1309	5.8074	2.6765
72	287.743	0.00135839	0.0265277	1277.65	2769.93	1492.27	3.1398	5.8003	2.6605
73	288.684	0.00136165	0.0261185	1282.70	2768.58	1485.87	3.1485	5.7932	2.6447
74	289.615	0.00136493	0.0257198	1287.72	2767.21	1479.49	3.1572	5.7862	2.6290
75	290.537	0.00136820	0.0253313	1292.70	2765.82	1473.12	3.1658	5.7792	2.6134
76	291.449	0.00137149	0.0249525	1297.64	2764.41	1466.78	3.1743	5.7722	2.5979
77	292.352	0.00137477	0.0245831	1302.55	2762.99	1460.44	3.1827	5.7653	2.5826
78	293.247	0.00137806	0.0242227	1307.42	2761.55	1454.12	3.1911	5.7584	2.5673
79	294.132	0.00138136	0.0238709	1312.27	2760.09	1447.82	3.1994	5.7516	2.5522

**Table 2** Saturation state – Continued  
(Pressure table)

$p$ [ bar ]	$t_s$ [ °C ]	$v'$ [ m <sup>3</sup> kg <sup>-1</sup> ]	$v''$ [ m <sup>3</sup> kg <sup>-1</sup> ]	$h'$	$h''$ [ kJ kg <sup>-1</sup> ]	$\Delta h_v$	$s'$	$s''$ [ kJ kg <sup>-1</sup> K <sup>-1</sup> ]	$\Delta s_v$
80	295.009	0.00138466	0.0235275	1317.08	2758.61	1441.53	3.2077	5.7448	2.5372
81	295.878	0.00138797	0.0231922	1321.86	2757.12	1435.25	3.2158	5.7381	2.5223
82	296.738	0.00139129	0.0228646	1326.61	2755.60	1428.99	3.2239	5.7314	2.5075
83	297.591	0.00139461	0.0225446	1331.34	2754.07	1422.74	3.2320	5.7247	2.4928
84	298.435	0.00139795	0.0222317	1336.03	2752.52	1416.49	3.2399	5.7181	2.4782
85	299.272	0.00140129	0.0219258	1340.70	2750.96	1410.26	3.2478	5.7115	2.4637
86	300.102	0.00140464	0.0216266	1345.34	2749.38	1404.04	3.2557	5.7050	2.4493
87	300.924	0.00140799	0.0213340	1349.96	2747.78	1397.82	3.2635	5.6984	2.4349
88	301.738	0.00141136	0.0210476	1354.54	2746.16	1391.62	3.2712	5.6919	2.4207
89	302.546	0.00141474	0.0207673	1359.11	2744.53	1385.42	3.2789	5.6855	2.4065
90	303.347	0.00141812	0.0204929	1363.65	2742.88	1379.23	3.2866	5.6790	2.3924
91	304.141	0.00142152	0.0202242	1368.17	2741.22	1373.05	3.2942	5.6726	2.3784
92	304.928	0.00142493	0.0199610	1372.66	2739.53	1366.87	3.3017	5.6662	2.3645
93	305.709	0.00142834	0.0197031	1377.14	2737.83	1360.70	3.3092	5.6598	2.3507
94	306.483	0.00143177	0.0194503	1381.59	2736.12	1354.53	3.3166	5.6535	2.3369
95	307.251	0.00143522	0.0192026	1386.02	2734.38	1348.37	3.3240	5.6472	2.3232
96	308.013	0.00143867	0.0189597	1390.43	2732.64	1342.21	3.3313	5.6409	2.3095
97	308.768	0.00144214	0.0187214	1394.81	2730.87	1336.06	3.3386	5.6346	2.2960
98	309.518	0.00144562	0.0184878	1399.18	2729.09	1329.90	3.3459	5.6283	2.2824
99	310.262	0.00144911	0.0182585	1403.54	2727.29	1323.75	3.3531	5.6221	2.2690
100	310.999	0.00145262	0.0180336	1407.87	2725.47	1317.61	3.3603	5.6159	2.2556
105	314.606	0.00147038	0.0169687	1429.27	2716.14	1286.88	3.3956	5.5850	2.1895
110	318.081	0.00148855	0.0159939	1450.28	2706.39	1256.12	3.4300	5.5545	2.1246
115	321.436	0.00150718	0.0150972	1470.95	2696.21	1225.26	3.4636	5.5243	2.0607
120	324.678	0.00152633	0.0142689	1491.33	2685.58	1194.26	3.4965	5.4941	1.9977
125	327.816	0.00154607	0.0135006	1511.46	2674.49	1163.02	3.5288	5.4640	1.9353
130	330.857	0.00156649	0.0127851	1531.40	2662.89	1131.49	3.5606	5.4339	1.8733
135	333.806	0.00158766	0.0121163	1551.19	2650.77	1099.58	3.5920	5.4036	1.8116
140	336.669	0.00160971	0.0114889	1570.88	2638.09	1067.21	3.6230	5.3730	1.7500
145	339.452	0.00163276	0.0108981	1590.51	2624.81	1034.29	3.6538	5.3422	1.6884
150	342.158	0.00165696	0.0103401	1610.15	2610.86	1000.71	3.6844	5.3108	1.6264
155	344.792	0.00168249	0.00981114	1629.85	2596.22	966.37	3.7150	5.2789	1.5638
160	347.357	0.00170954	0.00930813	1649.67	2580.80	931.13	3.7457	5.2463	1.5006
165	349.856	0.00173833	0.00882826	1669.68	2564.57	894.88	3.7765	5.2129	1.4364
170	352.293	0.00176934	0.00836934	1690.04	2547.41	857.38	3.8077	5.1785	1.3708
175	354.671	0.00180286	0.00792681	1710.76	2529.11	818.35	3.8393	5.1428	1.3035
180	356.992	0.00183949	0.00749867	1732.02	2509.53	777.51	3.8717	5.1055	1.2339
185	359.258	0.00188000	0.00708178	1753.99	2488.41	734.42	3.9050	5.0663	1.1613
190	361.471	0.00192545	0.00667261	1776.89	2465.41	688.52	3.9396	5.0246	1.0849
195	363.633	0.00197747	0.00626677	1801.08	2440.00	638.92	3.9762	4.9795	1.0034
200	365.746	0.00203865	0.00585828	1827.10	2411.39	584.29	4.0154	4.9299	0.91452
205	367.811	0.00211358	0.00543778	1855.90	2378.16	522.26	4.0588	4.8736	0.81481
210	369.827	0.00221186	0.00498768	1889.40	2337.54	448.15	4.1093	4.8062	0.69699
215	371.795	0.00236016	0.00446300	1932.81	2282.18	349.38	4.1749	4.7166	0.54171
220	373.707	0.00275039	0.00357662	2021.92	2164.18	142.27	4.3109	4.5308	0.21993
220.640 <sup>a</sup>	373.946	0.00310559		2087.55		0	4.4120		0

<sup>a</sup> Pressure at the critical point.