

**ΙΔΙΟΤΗΤΕΣ ΥΔΡΑΤΜΩΝ ΚΕΚΟΡΕΣΜΕΝΗΣ
ΚΑΤΑΣΤΑΣΗΣ
(ΠΙΝΑΚΑΣ ΠΙΕΣΕΩΝ)**

Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific		Phase
					Entropy	Quality	
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K		
6,977	0,001	0,001	29,29	29,29	0,1059	0	Saturated Liquid
6,977	0,001	129,2	2385	2514	8,976	1	Saturated Vapor
13,03	0,0015	0,001001	54,7	54,7	0,1956	0	Saturated Liquid
13,03	0,0015	87,98	2393	2525	8,828	1	Saturated Vapor
17,5	0,002	0,001001	73,47	73,47	0,2607	0	Saturated Liquid
17,5	0,002	67	2399	2533	8,724	1	Saturated Vapor
21,08	0,0025	0,001002	88,47	88,47	0,312	0	Saturated Liquid
21,08	0,0025	54,25	2404	2540	8,643	1	Saturated Vapor
24,08	0,003	0,001003	101	101	0,3545	0	Saturated Liquid
24,08	0,003	45,67	2409	2546	8,578	1	Saturated Vapor
28,96	0,004	0,001004	121,4	121,4	0,4226	0	Saturated Liquid
28,96	0,004	34,8	2415	2554	8,475	1	Saturated Vapor
32,88	0,005	0,001005	137,8	137,8	0,4763	0	Saturated Liquid
32,88	0,005	28,19	2420	2561	8,395	1	Saturated Vapor
40,29	0,0075	0,001008	168,8	168,8	0,5763	0	Saturated Liquid
40,29	0,0075	19,24	2431	2575	8,251	1	Saturated Vapor
45,81	0,01	0,00101	191,8	191,8	0,6492	0	Saturated Liquid
45,81	0,01	14,67	2438	2585	8,15	1	Saturated Vapor
53,97	0,015	0,001014	225,9	225,9	0,7548	0	Saturated Liquid
53,97	0,015	10,02	2449	2599	8,008	1	Saturated Vapor
60,06	0,02	0,001017	251,4	251,4	0,8319	0	Saturated Liquid
60,06	0,02	7,649	2457	2610	7,908	1	Saturated Vapor
64,97	0,025	0,00102	271,9	271,9	0,893	0	Saturated Liquid
64,97	0,025	6,204	2463	2618	7,831	1	Saturated Vapor
69,1	0,03	0,001022	289,2	289,2	0,9439	0	Saturated Liquid
69,1	0,03	5,229	2468	2625	7,769	1	Saturated Vapor
75,87	0,04	0,001026	317,5	317,6	1,026	0	Saturated Liquid
75,87	0,04	3,993	2477	2637	7,67	1	Saturated Vapor
81,33	0,05	0,00103	340,4	340,5	1,091	0	Saturated Liquid
81,33	0,05	3,24	2484	2646	7,594	1	Saturated Vapor
91,77	0,075	0,001037	384,3	384,4	1,213	0	Saturated Liquid
91,77	0,075	2,217	2497	2663	7,456	1	Saturated Vapor
99,62	0,1	0,001043	417,3	417,4	1,303	0	Saturated Liquid
99,62	0,1	1,694	2506	2675	7,359	1	Saturated Vapor
106	0,125	0,001048	444,2	444,3	1,374	0	Saturated Liquid
106	0,125	1,375	2513	2685	7,284	1	Saturated Vapor
111,4	0,15	0,001053	466,9	467,1	1,434	0	Saturated Liquid
111,4	0,15	1,159	2520	2694	7,223	1	Saturated Vapor
116,1	0,175	0,001057	486,8	487	1,485	0	Saturated Liquid
116,1	0,175	1,004	2525	2701	7,172	1	Saturated Vapor
120,2	0,2	0,001061	504,5	504,7	1,53	0	Saturated Liquid
120,2	0,2	0,8857	2529	2707	7,127	1	Saturated Vapor
124	0,225	0,001064	520,5	520,7	1,57	0	Saturated Liquid
124	0,225	0,7933	2534	2712	7,088	1	Saturated Vapor
127,4	0,25	0,001067	535,1	535,3	1,607	0	Saturated Liquid
127,4	0,25	0,7187	2537	2717	7,053	1	Saturated Vapor

130,6	0,275	0,00107	548,6	548,9	1,641	0	Saturated Liquid
130,6	0,275	0,6573	2541	2721	7,021	1	Saturated Vapor
133,5	0,3	0,001073	561,1	561,4	1,672	0	Saturated Liquid
133,5	0,3	0,6058	2544	2725	6,992	1	Saturated Vapor
136,3	0,325	0,001076	572,9	573,2	1,701	0	Saturated Liquid
136,3	0,325	0,562	2546	2729	6,965	1	Saturated Vapor
138,9	0,35	0,001079	583,9	584,3	1,727	0	Saturated Liquid
138,9	0,35	0,5243	2549	2732	6,94	1	Saturated Vapor
141,3	0,375	0,001081	594,4	594,8	1,753	0	Saturated Liquid
141,3	0,375	0,4914	2551	2736	6,917	1	Saturated Vapor
143,6	0,4	0,001084	604,3	604,7	1,777	0	Saturated Liquid
143,6	0,4	0,4625	2554	2739	6,896	1	Saturated Vapor
147,9	0,45	0,001088	622,7	623,2	1,821	0	Saturated Liquid
147,9	0,45	0,414	2558	2744	6,856	1	Saturated Vapor
151,9	0,5	0,001093	639,7	640,2	1,861	0	Saturated Liquid
151,9	0,5	0,3749	2561	2749	6,821	1	Saturated Vapor
155,5	0,55	0,001097	655,3	655,9	1,897	0	Saturated Liquid
155,5	0,55	0,3427	2564	2753	6,789	1	Saturated Vapor
158,9	0,6	0,001101	669,9	670,5	1,931	0	Saturated Liquid
158,9	0,6	0,3157	2567	2757	6,76	1	Saturated Vapor
162	0,65	0,001104	683,5	684,3	1,963	0	Saturated Liquid
162	0,65	0,2927	2570	2760	6,733	1	Saturated Vapor
165	0,7	0,001108	696,4	697,2	1,992	0	Saturated Liquid
165	0,7	0,2729	2572	2763	6,708	1	Saturated Vapor
167,8	0,75	0,001111	708,6	709,5	2,02	0	Saturated Liquid
167,8	0,75	0,2556	2575	2766	6,685	1	Saturated Vapor
170,4	0,8	0,001115	720,2	721,1	2,046	0	Saturated Liquid
170,4	0,8	0,2404	2577	2769	6,663	1	Saturated Vapor
173	0,85	0,001118	731,2	732,2	2,071	0	Saturated Liquid
173	0,85	0,227	2579	2772	6,642	1	Saturated Vapor
175,4	0,9	0,001121	741,8	742,8	2,095	0	Saturated Liquid
175,4	0,9	0,215	2580	2774	6,623	1	Saturated Vapor
177,7	0,95	0,001124	751,9	753	2,117	0	Saturated Liquid
177,7	0,95	0,2042	2582	2776	6,604	1	Saturated Vapor
179,9	1	0,001127	761,7	762,8	2,139	0	Saturated Liquid
179,9	1	0,1944	2584	2778	6,586	1	Saturated Vapor
184,1	1,1	0,001133	780,1	781,3	2,179	0	Saturated Liquid
184,1	1,1	0,1775	2586	2782	6,553	1	Saturated Vapor
188	1,2	0,001139	797,3	798,6	2,217	0	Saturated Liquid
188	1,2	0,1633	2589	2785	6,523	1	Saturated Vapor
191,6	1,3	0,001144	813,4	814,9	2,251	0	Saturated Liquid
191,6	1,3	0,1513	2591	2788	6,495	1	Saturated Vapor
195,1	1,4	0,001149	828,7	830,3	2,284	0	Saturated Liquid
195,1	1,4	0,1408	2593	2790	6,469	1	Saturated Vapor
198,3	1,5	0,001154	843,1	844,9	2,315	0	Saturated Liquid
198,3	1,5	0,1318	2594	2792	6,445	1	Saturated Vapor
205,8	1,75	0,001166	876,4	878,5	2,385	0	Saturated Liquid
205,8	1,75	0,1135	2598	2796	6,39	1	Saturated Vapor
212,4	2	0,001177	906,4	908,8	2,447	0	Saturated Liquid
212,4	2	0,09963	2600	2800	6,341	1	Saturated Vapor
218,5	2,25	0,001187	933,8	936,5	2,503	0	Saturated Liquid
218,5	2,25	0,08875	2602	2802	6,297	1	Saturated Vapor
224	2,5	0,001197	959,1	962,1	2,555	0	Saturated Liquid

224	2,5	0,07998	2603	2803	6,257	1	Saturated Vapor
229,1	2,75	0,001207	982,7	986	2,602	0	Saturated Liquid
229,1	2,75	0,07275	2604	2804	6,221	1	Saturated Vapor
233,9	3	0,001216	1005	1008	2,646	0	Saturated Liquid
233,9	3	0,06668	2604	2804	6,187	1	Saturated Vapor
238,4	3,25	0,001226	1026	1030	2,687	0	Saturated Liquid
238,4	3,25	0,06152	2604	2804	6,155	1	Saturated Vapor
242,6	3,5	0,001235	1045	1050	2,725	0	Saturated Liquid
242,6	3,5	0,05707	2604	2803	6,125	1	Saturated Vapor
246,6	3,75	0,001243	1064	1069	2,762	0	Saturated Liquid
246,6	3,75	0,05319	2603	2803	6,097	1	Saturated Vapor
250,4	4	0,001252	1082	1087	2,796	0	Saturated Liquid
250,4	4	0,04978	2602	2801	6,07	1	Saturated Vapor
264	5	0,001286	1148	1154	2,92	0	Saturated Liquid
264	5	0,03944	2597	2794	5,973	1	Saturated Vapor
275,6	6	0,001319	1205	1213	3,027	0	Saturated Liquid
275,6	6	0,03244	2590	2784	5,889	1	Saturated Vapor
285,9	7	0,001351	1258	1267	3,121	0	Saturated Liquid
285,9	7	0,02737	2580	2772	5,813	1	Saturated Vapor
295,1	8	0,001384	1306	1317	3,207	0	Saturated Liquid
295,1	8	0,02352	2570	2758	5,743	1	Saturated Vapor
303,4	9	0,001418	1350	1363	3,286	0	Saturated Liquid
303,4	9	0,02048	2558	2742	5,677	1	Saturated Vapor
311,1	10	0,001452	1393	1408	3,36	0	Saturated Liquid
311,1	10	0,01803	2544	2725	5,614	1	Saturated Vapor
318,1	11	0,001489	1434	1450	3,429	0	Saturated Liquid
318,1	11	0,01599	2530	2706	5,553	1	Saturated Vapor
324,7	12	0,001527	1473	1491	3,496	0	Saturated Liquid
324,7	12	0,01426	2514	2685	5,492	1	Saturated Vapor
330,9	13	0,001567	1511	1531	3,56	0	Saturated Liquid
330,9	13	0,01278	2496	2662	5,432	1	Saturated Vapor
336,7	14	0,001611	1549	1571	3,623	0	Saturated Liquid
336,7	14	0,01149	2477	2638	5,372	1	Saturated Vapor
342,2	15	0,001658	1586	1610	3,685	0	Saturated Liquid
342,2	15	0,01034	2455	2610	5,31	1	Saturated Vapor
347,4	16	0,001711	1623	1650	3,746	0	Saturated Liquid
347,4	16	0,009306	2432	2581	5,245	1	Saturated Vapor
352,4	17	0,00177	1660	1690	3,808	0	Saturated Liquid
352,4	17	0,008365	2405	2547	5,178	1	Saturated Vapor
357,1	18	0,00184	1699	1732	3,871	0	Saturated Liquid
357,1	18	0,00749	2374	2509	5,104	1	Saturated Vapor
361,5	19	0,001924	1740	1776	3,939	0	Saturated Liquid
361,5	19	0,006657	2338	2465	5,023	1	Saturated Vapor
365,8	20	0,002035	1785	1826	4,014	0	Saturated Liquid
365,8	20	0,005834	2293	2410	4,927	1	Saturated Vapor
369,9	21	0,002206	1842	1888	4,107	0	Saturated Liquid
369,9	21	0,004953	2231	2335	4,801	1	Saturated Vapor
373,8	22	0,002808	1973	2035	4,331	0	Saturated Liquid
373,8	22	0,003526	2081	2159	4,522	1	Saturated Vapor
374,1	22,09	0,003155	2030	2099	4,43	0	Saturated Liquid
374,1	22,09	0,003155	2030	2099	4,43	1	Saturated Vapor

**ΠΙΝΑΚΑΣ ΥΔΡΑΤΜΩΝ ΚΕΚΟΡΕΣΜΕΝΗΣ
ΚΑΤΑΣΤΑΣΗΣ
(ΠΙΝΑΚΑΣ ΘΕΡΜΟΚΡΑΣΙΩΝ)**

Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific		Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	Entropy kJ/kg/K	Quality	
0,01	0,000611	0,001	9,07E-13	0,0006115	2,15E-15	0	Saturated Liquid
0,01	0,000611	206,1	2375	2501	9,156	1	Saturated Vapor
5	0,000872	0,001	20,97	20,98	0,07609	0	Saturated Liquid
5	0,000872	147,1	2382	2511	9,026	1	Saturated Vapor
10	0,001228	0,001	41,99	41,99	0,151	0	Saturated Liquid
10	0,001228	106,4	2389	2520	8,901	1	Saturated Vapor
15	0,001705	0,001001	62,98	62,98	0,2245	0	Saturated Liquid
15	0,001705	77,93	2396	2529	8,781	1	Saturated Vapor
20	0,002339	0,001002	83,94	83,94	0,2966	0	Saturated Liquid
20	0,002339	57,79	2403	2538	8,667	1	Saturated Vapor
25	0,003169	0,001003	104,9	104,9	0,3673	0	Saturated Liquid
25	0,003169	43,36	2410	2547	8,558	1	Saturated Vapor
30	0,004246	0,001004	125,8	125,8	0,4369	0	Saturated Liquid
30	0,004246	32,89	2417	2556	8,453	1	Saturated Vapor
35	0,005628	0,001006	146,7	146,7	0,5052	0	Saturated Liquid
35	0,005628	25,22	2423	2565	8,353	1	Saturated Vapor
40	0,007384	0,001008	167,5	167,5	0,5724	0	Saturated Liquid
40	0,007384	19,52	2430	2574	8,257	1	Saturated Vapor
45	0,009593	0,00101	188,4	188,4	0,6386	0	Saturated Liquid
45	0,009593	15,26	2437	2583	8,165	1	Saturated Vapor
50	0,01235	0,001012	209,3	209,3	0,7037	0	Saturated Liquid
50	0,01235	12,03	2443	2592	8,076	1	Saturated Vapor
55	0,01576	0,001015	230,2	230,2	0,7679	0	Saturated Liquid
55	0,01576	9,568	2450	2601	7,991	1	Saturated Vapor
60	0,01994	0,001017	251,1	251,1	0,8311	0	Saturated Liquid
60	0,01994	7,671	2457	2610	7,909	1	Saturated Vapor
65	0,02503	0,00102	272	272	0,8934	0	Saturated Liquid
65	0,02503	6,197	2463	2618	7,831	1	Saturated Vapor
70	0,03119	0,001023	292,9	293	0,9548	0	Saturated Liquid
70	0,03119	5,042	2470	2627	7,755	1	Saturated Vapor
75	0,03858	0,001026	313,9	313,9	1,015	0	Saturated Liquid
75	0,03858	4,131	2476	2635	7,682	1	Saturated Vapor
80	0,04739	0,001029	334,8	334,9	1,075	0	Saturated Liquid
80	0,04739	3,407	2482	2644	7,612	1	Saturated Vapor
85	0,05783	0,001032	355,8	355,9	1,134	0	Saturated Liquid
85	0,05783	2,828	2488	2652	7,544	1	Saturated Vapor
90	0,07014	0,001036	376,8	376,9	1,192	0	Saturated Liquid
90	0,07014	2,361	2495	2660	7,479	1	Saturated Vapor
95	0,08455	0,00104	397,9	397,9	1,25	0	Saturated Liquid
95	0,08455	1,982	2501	2668	7,416	1	Saturated Vapor
100	0,1013	0,001044	418,9	419	1,307	0	Saturated Liquid
100	0,1013	1,673	2506	2676	7,355	1	Saturated Vapor
105	0,1208	0,001047	440	440,1	1,363	0	Saturated Liquid
105	0,1208	1,419	2512	2684	7,296	1	Saturated Vapor
110	0,1433	0,001052	461,1	461,3	1,418	0	Saturated Liquid
110	0,1433	1,21	2518	2691	7,239	1	Saturated Vapor

115	0,1691	0,001056	482,3	482,5	1,473	0	Saturated Liquid
115	0,1691	1,037	2524	2699	7,183	1	Saturated Vapor
120	0,1985	0,00106	503,5	503,7	1,528	0	Saturated Liquid
120	0,1985	0,8919	2529	2706	7,13	1	Saturated Vapor
125	0,2321	0,001065	524,7	525	1,581	0	Saturated Liquid
125	0,2321	0,7706	2535	2713	7,077	1	Saturated Vapor
130	0,2701	0,00107	546	546,3	1,634	0	Saturated Liquid
130	0,2701	0,6685	2540	2720	7,027	1	Saturated Vapor
135	0,313	0,001075	567,3	567,7	1,687	0	Saturated Liquid
135	0,313	0,5822	2545	2727	6,978	1	Saturated Vapor
140	0,3613	0,00108	588,7	589,1	1,739	0	Saturated Liquid
140	0,3613	0,5089	2550	2734	6,93	1	Saturated Vapor
145	0,4154	0,001085	610,2	610,6	1,791	0	Saturated Liquid
145	0,4154	0,4463	2555	2740	6,883	1	Saturated Vapor
150	0,4759	0,00109	631,7	632,2	1,842	0	Saturated Liquid
150	0,4759	0,3928	2560	2746	6,838	1	Saturated Vapor
155	0,5431	0,001096	653,2	653,8	1,892	0	Saturated Liquid
155	0,5431	0,3468	2564	2752	6,793	1	Saturated Vapor
160	0,6178	0,001102	674,9	675,5	1,943	0	Saturated Liquid
160	0,6178	0,3071	2568	2758	6,75	1	Saturated Vapor
165	0,7005	0,001108	696,5	697,3	1,992	0	Saturated Liquid
165	0,7005	0,2727	2573	2764	6,708	1	Saturated Vapor
170	0,7917	0,001114	718,3	719,2	2,042	0	Saturated Liquid
170	0,7917	0,2428	2576	2769	6,666	1	Saturated Vapor
175	0,892	0,001121	740,2	741,2	2,091	0	Saturated Liquid
175	0,892	0,2168	2580	2774	6,626	1	Saturated Vapor
180	1,002	0,001127	762,1	763,2	2,14	0	Saturated Liquid
180	1,002	0,194	2584	2778	6,586	1	Saturated Vapor
185	1,123	0,001134	784,1	785,4	2,188	0	Saturated Liquid
185	1,123	0,1741	2587	2782	6,546	1	Saturated Vapor
190	1,254	0,001141	806,2	807,6	2,236	0	Saturated Liquid
190	1,254	0,1565	2590	2786	6,508	1	Saturated Vapor
195	1,398	0,001149	828,4	830	2,283	0	Saturated Liquid
195	1,398	0,1411	2593	2790	6,47	1	Saturated Vapor
200	1,554	0,001156	850,6	852,4	2,331	0	Saturated Liquid
200	1,554	0,1274	2595	2793	6,432	1	Saturated Vapor
205	1,723	0,001164	873	875	2,378	0	Saturated Liquid
205	1,723	0,1152	2598	2796	6,395	1	Saturated Vapor
210	1,906	0,001173	895,5	897,7	2,425	0	Saturated Liquid
210	1,906	0,1044	2599	2798	6,358	1	Saturated Vapor
215	2,104	0,001181	918,1	920,6	2,471	0	Saturated Liquid
215	2,104	0,09479	2601	2801	6,322	1	Saturated Vapor
220	2,318	0,00119	940,9	943,6	2,518	0	Saturated Liquid
220	2,318	0,08619	2602	2802	6,286	1	Saturated Vapor
225	2,548	0,001199	963,7	966,8	2,564	0	Saturated Liquid
225	2,548	0,07849	2603	2803	6,25	1	Saturated Vapor
230	2,795	0,001209	986,7	990,1	2,61	0	Saturated Liquid
230	2,795	0,07158	2604	2804	6,215	1	Saturated Vapor
235	3,06	0,001219	1010	1014	2,656	0	Saturated Liquid
235	3,06	0,06536	2604	2804	6,179	1	Saturated Vapor
240	3,344	0,001229	1033	1037	2,701	0	Saturated Liquid
240	3,344	0,05976	2604	2804	6,144	1	Saturated Vapor
245	3,648	0,00124	1057	1061	2,747	0	Saturated Liquid

245	3,648	0,0547	2603	2803	6,108	1	Saturated Vapor
250	3,973	0,001251	1080	1085	2,793	0	Saturated Liquid
250	3,973	0,05013	2602	2802	6,073	1	Saturated Vapor
255	4,319	0,001263	1104	1110	2,838	0	Saturated Liquid
255	4,319	0,04598	2601	2800	6,037	1	Saturated Vapor
260	4,689	0,001276	1128	1134	2,884	0	Saturated Liquid
260	4,689	0,0422	2599	2797	6,002	1	Saturated Vapor
265	5,081	0,001289	1153	1159	2,929	0	Saturated Liquid
265	5,081	0,03877	2597	2794	5,966	1	Saturated Vapor
270	5,499	0,001302	1177	1184	2,975	0	Saturated Liquid
270	5,499	0,03564	2594	2790	5,93	1	Saturated Vapor
275	5,942	0,001317	1202	1210	3,021	0	Saturated Liquid
275	5,942	0,03279	2590	2785	5,894	1	Saturated Vapor
280	6,412	0,001332	1227	1236	3,067	0	Saturated Liquid
280	6,412	0,03017	2586	2780	5,857	1	Saturated Vapor
285	6,909	0,001348	1253	1262	3,113	0	Saturated Liquid
285	6,909	0,02777	2581	2773	5,82	1	Saturated Vapor
290	7,436	0,001366	1279	1289	3,159	0	Saturated Liquid
290	7,436	0,02557	2576	2766	5,782	1	Saturated Vapor
295	7,993	0,001384	1305	1316	3,206	0	Saturated Liquid
295	7,993	0,02354	2570	2758	5,744	1	Saturated Vapor
300	8,581	0,001404	1332	1344	3,253	0	Saturated Liquid
300	8,581	0,02167	2563	2749	5,704	1	Saturated Vapor
305	9,202	0,001425	1359	1372	3,301	0	Saturated Liquid
305	9,202	0,01995	2555	2739	5,664	1	Saturated Vapor
310	9,857	0,001447	1387	1401	3,349	0	Saturated Liquid
310	9,857	0,01835	2546	2727	5,623	1	Saturated Vapor
315	10,55	0,001472	1415	1431	3,398	0	Saturated Liquid
315	10,55	0,01687	2537	2714	5,58	1	Saturated Vapor
320	11,27	0,001499	1445	1461	3,448	0	Saturated Liquid
320	11,27	0,01549	2525	2700	5,536	1	Saturated Vapor
325	12,04	0,001528	1474	1493	3,499	0	Saturated Liquid
325	12,04	0,0142	2513	2684	5,49	1	Saturated Vapor
330	12,85	0,001561	1505	1525	3,551	0	Saturated Liquid
330	12,85	0,013	2499	2666	5,442	1	Saturated Vapor
335	13,69	0,001597	1537	1559	3,604	0	Saturated Liquid
335	13,69	0,01186	2483	2645	5,39	1	Saturated Vapor
340	14,59	0,001638	1570	1594	3,659	0	Saturated Liquid
340	14,59	0,0108	2465	2622	5,336	1	Saturated Vapor
345	15,53	0,001685	1605	1631	3,717	0	Saturated Liquid
345	15,53	0,009783	2443	2595	5,276	1	Saturated Vapor
350	16,51	0,00174	1642	1671	3,778	0	Saturated Liquid
350	16,51	0,008813	2418	2564	5,211	1	Saturated Vapor
355	17,55	0,001807	1681	1713	3,843	0	Saturated Liquid
355	17,55	0,007873	2389	2527	5,138	1	Saturated Vapor
360	18,65	0,001892	1725	1760	3,915	0	Saturated Liquid
360	18,65	0,006945	2351	2481	5,052	1	Saturated Vapor
365	19,81	0,002011	1776	1816	3,998	0	Saturated Liquid
365	19,81	0,005994	2303	2421	4,947	1	Saturated Vapor
370	21,03	0,002213	1844	1890	4,11	0	Saturated Liquid
370	21,03	0,004926	2229	2332	4,797	1	Saturated Vapor
374,1	22,08	0,003098	2021	2089	4,414	0	Saturated Liquid
374,1	22,08	0,00321	2038	2109	4,444	1	Saturated Vapor

**ΠΙΝΑΚΑΣ ΙΔΙΟΤΗΤΩΝ ΥΔΡΑΤΜΩΝ
(ΥΠΕΡΘΕΡΜΗ ΚΑΙ ΥΠΟΨΥΚΤΗ ΚΑΤΑΣΤΑΣΗ)**

<i>Temp</i>	<i>Pressure</i>	<i>Specific Volume</i>	<i>Internal Energy</i>	<i>Specific Enthalpy</i>	<i>Specific Entropy</i>	<i>Phase</i>
<i>C</i>	<i>MPa</i>	<i>m³/kg</i>	<i>kJ/kg</i>	<i>kJ/kg</i>	<i>kJ/kg/K</i>	
45,81	0,01	14,67355	2437,89	2584,63	8,1501	Saturated Vapor
50	0,01	14,87	2444	2593	8,175	Superheated Vapor
100	0,01	17,2	2515	2687	8,448	Superheated Vapor
150	0,01	19,51	2588	2783	8,688	Superheated Vapor
200	0,01	21,83	2661	2880	8,904	Superheated Vapor
250	0,01	24,14	2736	2977	9,1	Superheated Vapor
300	0,01	26,45	2812	3077	9,281	Superheated Vapor
350	0,01	28,75	2890	3177	9,45	Superheated Vapor
400	0,01	31,06	2969	3280	9,608	Dense Fluid (T>TC)
450	0,01	33,37	3050	3383	9,756	Dense Fluid (T>TC)
500	0,01	35,68	3132	3489	9,898	Dense Fluid (T>TC)
550	0,01	37,99	3216	3596	10,03	Dense Fluid (T>TC)
600	0,01	40,29	3302	3705	10,16	Dense Fluid (T>TC)
650	0,01	42,6	3390	3816	10,28	Dense Fluid (T>TC)
700	0,01	44,91	3480	3929	10,4	Dense Fluid (T>TC)
750	0,01	47,22	3571	4043	10,52	Dense Fluid (T>TC)
800	0,01	49,53	3664	4159	10,63	Dense Fluid (T>TC)
850	0,01	51,83	3759	4277	10,74	Dense Fluid (T>TC)
900	0,01	54,14	3855	4396	10,84	Dense Fluid (T>TC)
950	0,01	56,45	3953	4518	10,94	Dense Fluid (T>TC)
1000	0,01	58,76	4053	4641	11,04	Dense Fluid (T>TC)
1050	0,01	61,06	4154	4765	11,14	Dense Fluid (T>TC)
1100	0,01	63,37	4257	4891	11,23	Dense Fluid (T>TC)
1150	0,01	65,68	4362	5019	11,32	Dense Fluid (T>TC)
1200	0,01	67,99	4468	5148	11,41	Dense Fluid (T>TC)
1250	0,01	70,29	4575	5278	11,5	Dense Fluid (T>TC)
1299	0,01	72,56	4681	5407	11,58	Dense Fluid (T>TC)
<i>Temp</i>	<i>Pressure</i>	<i>Specific Volume</i>	<i>Internal Energy</i>	<i>Specific Enthalpy</i>	<i>Specific Entropy</i>	<i>Phase</i>
<i>C</i>	<i>MPa</i>	<i>m³/kg</i>	<i>kJ/kg</i>	<i>kJ/kg</i>	<i>kJ/kg/K</i>	
81,33	0,05	3,24034	1483,85	2645,87	7,5939	Saturated Vapor
100	0,05	3,418	2512	2683	7,695	Superheated Vapor
150	0,05	3,889	2586	2780	7,94	Superheated Vapor
200	0,05	4,356	2660	2878	8,158	Superheated Vapor
250	0,05	4,82	2735	2976	8,356	Superheated Vapor
300	0,05	5,284	2811	3076	8,537	Superheated Vapor
350	0,05	5,747	2889	3176	8,706	Superheated Vapor
400	0,05	6,209	2968	3279	8,864	Dense Fluid (T>TC)
450	0,05	6,672	3049	3383	9,013	Dense Fluid (T>TC)
500	0,05	7,134	3132	3489	9,154	Dense Fluid (T>TC)
550	0,05	7,596	3216	3596	9,289	Dense Fluid (T>TC)
600	0,05	8,057	3302	3705	9,418	Dense Fluid (T>TC)
650	0,05	8,519	3390	3816	9,541	Dense Fluid (T>TC)
700	0,05	8,981	3479	3929	9,66	Dense Fluid (T>TC)
750	0,05	9,443	3571	4043	9,774	Dense Fluid (T>TC)

800	0,05	9,904	3664	4159	9,885	Dense Fluid (T>TC)
850	0,05	10,37	3758	4277	9,993	Dense Fluid (T>TC)
900	0,05	10,83	3855	4396	10,1	Dense Fluid (T>TC)
950	0,05	11,29	3953	4518	10,2	Dense Fluid (T>TC)
1000	0,05	11,75	4053	4640	10,3	Dense Fluid (T>TC)
1050	0,05	12,21	4154	4765	10,39	Dense Fluid (T>TC)
1100	0,05	12,67	4257	4891	10,49	Dense Fluid (T>TC)
1150	0,05	13,14	4362	5019	10,58	Dense Fluid (T>TC)
1200	0,05	13,6	4468	5148	10,67	Dense Fluid (T>TC)
1250	0,05	14,06	4575	5278	10,75	Dense Fluid (T>TC)
1299	0,05	14,51	4681	5407	10,84	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K	
99,62	0,1	1,694	2506,06	2675,46	7,3593	Saturated Vapor
150	0,1	1,936	2583	2776	7,613	Superheated Vapor
200	0,1	2,172	2658	2875	7,834	Superheated Vapor
250	0,1	2,406	2734	2974	8,033	Superheated Vapor
300	0,1	2,639	2810	3074	8,216	Superheated Vapor
350	0,1	2,871	2888	3175	8,385	Superheated Vapor
400	0,1	3,103	2968	3278	8,543	Dense Fluid (T>TC)
450	0,1	3,334	3049	3382	8,693	Dense Fluid (T>TC)
500	0,1	3,565	3132	3488	8,834	Dense Fluid (T>TC)
550	0,1	3,797	3216	3596	8,969	Dense Fluid (T>TC)
600	0,1	4,028	3302	3705	9,097	Dense Fluid (T>TC)
650	0,1	4,259	3390	3816	9,221	Dense Fluid (T>TC)
700	0,1	4,49	3479	3928	9,34	Dense Fluid (T>TC)
750	0,1	4,721	3571	4043	9,454	Dense Fluid (T>TC)
800	0,1	4,952	3664	4159	9,565	Dense Fluid (T>TC)
850	0,1	5,183	3758	4277	9,673	Dense Fluid (T>TC)
900	0,1	5,414	3855	4396	9,777	Dense Fluid (T>TC)
950	0,1	5,644	3953	4517	9,878	Dense Fluid (T>TC)
1000	0,1	5,875	4053	4640	9,976	Dense Fluid (T>TC)
1050	0,1	6,106	4154	4765	10,07	Dense Fluid (T>TC)
1100	0,1	6,337	4257	4891	10,17	Dense Fluid (T>TC)
1150	0,1	6,568	4362	5019	10,26	Dense Fluid (T>TC)
1200	0,1	6,799	4468	5148	10,35	Dense Fluid (T>TC)
1250	0,1	7,029	4575	5278	10,43	Dense Fluid (T>TC)
1299	0,1	7,256	4681	5407	10,52	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K	
120,23	0,2	0,88573	2529,49	2706,63	7,1271	Saturated Vapor
150	0,2	0,9596	2577	2769	7,279	Superheated Vapor
200	0,2	1,08	2654	2870	7,507	Superheated Vapor
250	0,2	1,199	2731	2971	7,709	Superheated Vapor
300	0,2	1,316	2809	3072	7,893	Superheated Vapor
350	0,2	1,433	2887	3174	8,063	Superheated Vapor
400	0,2	1,549	2967	3277	8,222	Dense Fluid (T>TC)
450	0,2	1,665	3048	3381	8,371	Dense Fluid (T>TC)

500	0,2	1,781	3131	3487	8,513	Dense Fluid (T>TC)
550	0,2	1,897	3215	3595	8,648	Dense Fluid (T>TC)
600	0,2	2,013	3301	3704	8,777	Dense Fluid (T>TC)
650	0,2	2,129	3389	3815	8,901	Dense Fluid (T>TC)
700	0,2	2,244	3479	3928	9,019	Dense Fluid (T>TC)
750	0,2	2,36	3570	4042	9,134	Dense Fluid (T>TC)
800	0,2	2,475	3663	4158	9,245	Dense Fluid (T>TC)
850	0,2	2,591	3758	4276	9,352	Dense Fluid (T>TC)
900	0,2	2,706	3854	4396	9,457	Dense Fluid (T>TC)
950	0,2	2,822	3953	4517	9,558	Dense Fluid (T>TC)
1000	0,2	2,937	4053	4640	9,656	Dense Fluid (T>TC)
1050	0,2	3,053	4154	4765	9,752	Dense Fluid (T>TC)
1100	0,2	3,168	4257	4891	9,846	Dense Fluid (T>TC)
1150	0,2	3,284	4362	5018	9,937	Dense Fluid (T>TC)
1200	0,2	3,399	4467	5147	10,03	Dense Fluid (T>TC)
1250	0,2	3,515	4575	5278	10,11	Dense Fluid (T>TC)
1299	0,2	3,628	4681	5407	10,2	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K	
133,55	0,3	0,60582	2543,55	27525,3	6,9918	Saturated Vapor
150	0,3	0,6339	2571	2761	7,078	Superheated Vapor
200	0,3	0,7163	2651	2866	7,311	Superheated Vapor
250	0,3	0,7964	2729	2968	7,517	Superheated Vapor
300	0,3	0,8753	2807	3069	7,702	Superheated Vapor
350	0,3	0,9536	2886	3172	7,873	Superheated Vapor
400	0,3	1,032	2966	3275	8,033	Dense Fluid (T>TC)
450	0,3	1,109	3047	3380	8,183	Dense Fluid (T>TC)
500	0,3	1,187	3130	3486	8,325	Dense Fluid (T>TC)
550	0,3	1,264	3215	3594	8,46	Dense Fluid (T>TC)
600	0,3	1,341	3301	3703	8,589	Dense Fluid (T>TC)
650	0,3	1,419	3389	3814	8,713	Dense Fluid (T>TC)
700	0,3	1,496	3478	3927	8,832	Dense Fluid (T>TC)
750	0,3	1,573	3570	4042	8,947	Dense Fluid (T>TC)
800	0,3	1,65	3663	4158	9,058	Dense Fluid (T>TC)
850	0,3	1,727	3758	4276	9,165	Dense Fluid (T>TC)
900	0,3	1,804	3854	4395	9,269	Dense Fluid (T>TC)
950	0,3	1,881	3952	4517	9,37	Dense Fluid (T>TC)
1000	0,3	1,958	4052	4640	9,469	Dense Fluid (T>TC)
1050	0,3	2,035	4154	4764	9,565	Dense Fluid (T>TC)
1100	0,3	2,112	4257	4890	9,658	Dense Fluid (T>TC)
1150	0,3	2,189	4361	5018	9,75	Dense Fluid (T>TC)
1200	0,3	2,266	4467	5147	9,839	Dense Fluid (T>TC)
1250	0,3	2,343	4574	5277	9,926	Dense Fluid (T>TC)
1299	0,3	2,419	4681	5406	10,01	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K	
143,63	0,4	0,46246	2553,55	2738,53	6,8958	Saturated Vapor
150	0,4	0,4708	2564	2753	6,93	Superheated Vapor

200	0,4	0,5342	2647	2861	7,171	Superheated Vapor
250	0,4	0,5951	2726	2964	7,379	Superheated Vapor
300	0,4	0,6548	2805	3067	7,566	Superheated Vapor
350	0,4	0,7139	2884	3170	7,738	Superheated Vapor
400	0,4	0,7726	2964	3273	7,898	Dense Fluid (T>TC)
450	0,4	0,8311	3046	3378	8,049	Dense Fluid (T>TC)
500	0,4	0,8893	3129	3485	8,191	Dense Fluid (T>TC)
550	0,4	0,9475	3214	3593	8,327	Dense Fluid (T>TC)
600	0,4	1,006	3300	3702	8,456	Dense Fluid (T>TC)
650	0,4	1,064	3388	3814	8,58	Dense Fluid (T>TC)
700	0,4	1,121	3478	3927	8,699	Dense Fluid (T>TC)
750	0,4	1,179	3569	4041	8,813	Dense Fluid (T>TC)
800	0,4	1,237	3663	4157	8,924	Dense Fluid (T>TC)
850	0,4	1,295	3757	4275	9,032	Dense Fluid (T>TC)
900	0,4	1,353	3854	4395	9,136	Dense Fluid (T>TC)
950	0,4	1,411	3952	4516	9,237	Dense Fluid (T>TC)
1000	0,4	1,468	4052	4639	9,336	Dense Fluid (T>TC)
1050	0,4	1,526	4153	4764	9,432	Dense Fluid (T>TC)
1100	0,4	1,584	4257	4890	9,526	Dense Fluid (T>TC)
1150	0,4	1,642	4361	5018	9,617	Dense Fluid (T>TC)
1200	0,4	1,7	4467	5147	9,706	Dense Fluid (T>TC)
1250	0,4	1,757	4574	5277	9,793	Dense Fluid (T>TC)
1299	0,4	1,814	4681	5406	9,876	Dense Fluid (T>TC)
		<i>Specific</i>	<i>Internal</i>	<i>Specific</i>	<i>Specific</i>	
<i>Temp</i>	<i>Pressure</i>	<i>Volume</i>	<i>Energy</i>	<i>Enthalpy</i>	<i>Entropy</i>	<i>Phase</i>
<i>C</i>	<i>MPa</i>	<i>m3/kg</i>	<i>kJ/kg</i>	<i>kJ/kg</i>	<i>kJ/kg/K</i>	
151,86	0,5	0,3749	2561	2749	6,821	Saturated Vapor
200	0,5	0,4249	2643	2855	7,059	Superheated Vapor
250	0,5	0,4744	2724	2961	7,271	Superheated Vapor
300	0,5	0,5226	2803	3064	7,46	Superheated Vapor
350	0,5	0,5701	2883	3168	7,633	Superheated Vapor
400	0,5	0,6173	2963	3272	7,794	Dense Fluid (T>TC)
450	0,5	0,6642	3045	3377	7,945	Dense Fluid (T>TC)
500	0,5	0,7109	3128	3484	8,087	Dense Fluid (T>TC)
550	0,5	0,7575	3213	3592	8,223	Dense Fluid (T>TC)
600	0,5	0,8041	3300	3702	8,352	Dense Fluid (T>TC)
650	0,5	0,8505	3388	3813	8,476	Dense Fluid (T>TC)
700	0,5	0,8969	3478	3926	8,595	Dense Fluid (T>TC)
750	0,5	0,9433	3569	4041	8,71	Dense Fluid (T>TC)
800	0,5	0,9896	3662	4157	8,821	Dense Fluid (T>TC)
850	0,5	1,036	3757	4275	8,929	Dense Fluid (T>TC)
900	0,5	1,082	3854	4395	9,033	Dense Fluid (T>TC)
950	0,5	1,128	3952	4516	9,134	Dense Fluid (T>TC)
1000	0,5	1,175	4052	4639	9,233	Dense Fluid (T>TC)
1050	0,5	1,221	4153	4764	9,329	Dense Fluid (T>TC)
1100	0,5	1,267	4256	4890	9,422	Dense Fluid (T>TC)
1150	0,5	1,313	4361	5018	9,514	Dense Fluid (T>TC)
1200	0,5	1,36	4467	5147	9,603	Dense Fluid (T>TC)
1250	0,5	1,406	4574	5277	9,69	Dense Fluid (T>TC)
1299	0,5	1,451	4680	5406	9,773	Dense Fluid (T>TC)

Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
158,85	0,6	0,3157	2567	2757	6,76	Saturated Vapor
200	0,6	0,352	2639	2850	6,966	Superheated Vapor
250	0,6	0,3938	2721	2957	7,182	Superheated Vapor
300	0,6	0,4344	2801	3062	7,372	Superheated Vapor
350	0,6	0,4742	2881	3166	7,546	Superheated Vapor
400	0,6	0,5137	2962	3270	7,708	Dense Fluid (T>TC)
450	0,6	0,5529	3044	3376	7,859	Dense Fluid (T>TC)
500	0,6	0,592	3128	3483	8,002	Dense Fluid (T>TC)
550	0,6	0,6309	3213	3591	8,138	Dense Fluid (T>TC)
600	0,6	0,6697	3299	3701	8,267	Dense Fluid (T>TC)
650	0,6	0,7085	3387	3812	8,391	Dense Fluid (T>TC)
700	0,6	0,7472	3477	3925	8,511	Dense Fluid (T>TC)
750	0,6	0,7859	3569	4040	8,626	Dense Fluid (T>TC)
800	0,6	0,8245	3662	4157	8,737	Dense Fluid (T>TC)
850	0,6	0,8631	3757	4275	8,844	Dense Fluid (T>TC)
900	0,6	0,9017	3853	4394	8,949	Dense Fluid (T>TC)
950	0,6	0,9403	3952	4516	9,05	Dense Fluid (T>TC)
1000	0,6	0,9788	4052	4639	9,148	Dense Fluid (T>TC)
1050	0,6	1,017	4153	4763	9,244	Dense Fluid (T>TC)
1100	0,6	1,056	4256	4890	9,338	Dense Fluid (T>TC)
1150	0,6	1,094	4361	5017	9,429	Dense Fluid (T>TC)
1200	0,6	1,133	4467	5146	9,519	Dense Fluid (T>TC)
1250	0,6	1,172	4574	5277	9,606	Dense Fluid (T>TC)
1299	0,6	1,209	4680	5406	9,689	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
170,43	0,8	0,2405	2577	2769	6,663	Saturated Vapor
200	0,8	0,2608	2631	2839	6,816	Superheated Vapor
250	0,8	0,2931	2715	2950	7,038	Superheated Vapor
300	0,8	0,3241	2797	3056	7,233	Superheated Vapor
350	0,8	0,3544	2878	3162	7,409	Superheated Vapor
400	0,8	0,3843	2960	3267	7,571	Dense Fluid (T>TC)
450	0,8	0,4139	3042	3373	7,724	Dense Fluid (T>TC)
500	0,8	0,4433	3126	3481	7,867	Dense Fluid (T>TC)
550	0,8	0,4726	3211	3589	8,003	Dense Fluid (T>TC)
600	0,8	0,5018	3298	3699	8,133	Dense Fluid (T>TC)
650	0,8	0,531	3386	3811	8,258	Dense Fluid (T>TC)
700	0,8	0,5601	3476	3924	8,377	Dense Fluid (T>TC)
750	0,8	0,5891	3568	4039	8,492	Dense Fluid (T>TC)
800	0,8	0,6181	3661	4156	8,603	Dense Fluid (T>TC)
850	0,8	0,6471	3756	4274	8,711	Dense Fluid (T>TC)
900	0,8	0,6761	3853	4394	8,815	Dense Fluid (T>TC)
950	0,8	0,7051	3951	4515	8,917	Dense Fluid (T>TC)
1000	0,8	0,734	4051	4638	9,015	Dense Fluid (T>TC)
1050	0,8	0,763	4153	4763	9,111	Dense Fluid (T>TC)
1100	0,8	0,7919	4256	4889	9,205	Dense Fluid (T>TC)
1150	0,8	0,8208	4360	5017	9,296	Dense Fluid (T>TC)

1200	0,8	0,8497	4466	5146	9,385	Dense Fluid (T>TC)
1250	0,8	0,8787	4573	5276	9,472	Dense Fluid (T>TC)
1299	0,8	0,907	4680	5405	9,556	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
179,9	0,9	0,2179	2589	2785	6,648	Superheated Vapor
200	0,9	0,2303	2626	2834	6,752	Superheated Vapor
250	0,9	0,2596	2713	2946	6,979	Superheated Vapor
300	0,9	0,2874	2795	3054	7,175	Superheated Vapor
350	0,9	0,3144	2877	3160	7,352	Superheated Vapor
400	0,9	0,3411	2958	3265	7,515	Dense Fluid (T>TC)
450	0,9	0,3675	3041	3372	7,668	Dense Fluid (T>TC)
500	0,9	0,3938	3125	3480	7,812	Dense Fluid (T>TC)
550	0,9	0,4199	3210	3588	7,948	Dense Fluid (T>TC)
600	0,9	0,4459	3297	3699	8,078	Dense Fluid (T>TC)
650	0,9	0,4718	3386	3810	8,203	Dense Fluid (T>TC)
700	0,9	0,4977	3476	3924	8,322	Dense Fluid (T>TC)
750	0,9	0,5235	3567	4039	8,437	Dense Fluid (T>TC)
800	0,9	0,5493	3661	4155	8,549	Dense Fluid (T>TC)
850	0,9	0,5751	3756	4273	8,656	Dense Fluid (T>TC)
900	0,9	0,6009	3852	4393	8,761	Dense Fluid (T>TC)
950	0,9	0,6267	3951	4515	8,862	Dense Fluid (T>TC)
1000	0,9	0,6524	4051	4638	8,961	Dense Fluid (T>TC)
1050	0,9	0,6781	4152	4763	9,057	Dense Fluid (T>TC)
1100	0,9	0,7039	4255	4889	9,15	Dense Fluid (T>TC)
1150	0,9	0,7296	4360	5017	9,242	Dense Fluid (T>TC)
1200	0,9	0,7553	4466	5146	9,331	Dense Fluid (T>TC)
1250	0,9	0,781	4573	5276	9,418	Dense Fluid (T>TC)
1299	0,9	0,8062	4679	5405	9,501	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
179,91	1	0,1945	2584	2778	6,587	Saturated Vapor
200	1	0,206	2622	2828	6,694	Superheated Vapor
250	1	0,2327	2710	2943	6,925	Superheated Vapor
300	1	0,2579	2793	3051	7,123	Superheated Vapor
350	1	0,2825	2875	3158	7,301	Superheated Vapor
400	1	0,3066	2957	3264	7,465	Dense Fluid (T>TC)
450	1	0,3304	3040	3371	7,618	Dense Fluid (T>TC)
500	1	0,3541	3124	3478	7,762	Dense Fluid (T>TC)
550	1	0,3776	3210	3587	7,899	Dense Fluid (T>TC)
600	1	0,4011	3297	3698	8,029	Dense Fluid (T>TC)
650	1	0,4245	3385	3810	8,153	Dense Fluid (T>TC)
700	1	0,4478	3475	3923	8,273	Dense Fluid (T>TC)
750	1	0,4711	3567	4038	8,388	Dense Fluid (T>TC)
800	1	0,4943	3660	4155	8,5	Dense Fluid (T>TC)
850	1	0,5175	3755	4273	8,607	Dense Fluid (T>TC)
900	1	0,5407	3852	4393	8,712	Dense Fluid (T>TC)
950	1	0,5639	3951	4514	8,813	Dense Fluid (T>TC)

1000	1	0,5871	4050	4638	8,912	Dense Fluid (T>TC)
1050	1	0,6103	4152	4762	9,008	Dense Fluid (T>TC)
1100	1	0,6335	4255	4889	9,102	Dense Fluid (T>TC)
1150	1	0,6566	4360	5016	9,193	Dense Fluid (T>TC)
1200	1	0,6798	4466	5145	9,282	Dense Fluid (T>TC)
1250	1	0,7029	4573	5276	9,369	Dense Fluid (T>TC)
1299	1	0,7256	4679	5405	9,453	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
187,99	1,2	0,1633	2589	2785	6,523	Saturated Vapor
200	1,2	0,1693	2613	2816	6,59	Superheated Vapor
250	1,2	0,1923	2704	2935	6,829	Superheated Vapor
300	1,2	0,2138	2789	3046	7,032	Superheated Vapor
350	1,2	0,2345	2872	3154	7,212	Superheated Vapor
400	1,2	0,2548	2955	3261	7,377	Dense Fluid (T>TC)
450	1,2	0,2748	3038	3368	7,531	Dense Fluid (T>TC)
500	1,2	0,2946	3123	3476	7,676	Dense Fluid (T>TC)
550	1,2	0,3143	3208	3586	7,813	Dense Fluid (T>TC)
600	1,2	0,3339	3296	3696	7,943	Dense Fluid (T>TC)
650	1,2	0,3535	3384	3808	8,068	Dense Fluid (T>TC)
700	1,2	0,3729	3474	3922	8,188	Dense Fluid (T>TC)
750	1,2	0,3924	3566	4037	8,303	Dense Fluid (T>TC)
800	1,2	0,4118	3660	4154	8,415	Dense Fluid (T>TC)
850	1,2	0,4312	3755	4272	8,523	Dense Fluid (T>TC)
900	1,2	0,4505	3852	4392	8,627	Dense Fluid (T>TC)
950	1,2	0,4699	3950	4514	8,729	Dense Fluid (T>TC)
1000	1,2	0,4892	4050	4637	8,827	Dense Fluid (T>TC)
1050	1,2	0,5085	4152	4762	8,923	Dense Fluid (T>TC)
1100	1,2	0,5278	4255	4888	9,017	Dense Fluid (T>TC)
1150	1,2	0,5471	4359	5016	9,108	Dense Fluid (T>TC)
1200	1,2	0,5665	4465	5145	9,198	Dense Fluid (T>TC)
1250	1,2	0,5858	4572	5275	9,285	Dense Fluid (T>TC)
1299	1,2	0,6047	4679	5404	9,368	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
195,07	1,4	0,1409	2593	2790	6,469	Saturated Vapor
200	1,4	0,143	2603	2803	6,497	Superheated Vapor
250	1,4	0,1635	2698	2927	6,747	Superheated Vapor
300	1,4	0,1823	2785	3040	6,953	Superheated Vapor
350	1,4	0,2003	2869	3149	7,136	Superheated Vapor
400	1,4	0,2178	2953	3257	7,303	Dense Fluid (T>TC)
450	1,4	0,2351	3036	3365	7,457	Dense Fluid (T>TC)
500	1,4	0,2521	3121	3474	7,603	Dense Fluid (T>TC)
550	1,4	0,2691	3207	3584	7,74	Dense Fluid (T>TC)
600	1,4	0,286	3294	3695	7,871	Dense Fluid (T>TC)
650	1,4	0,3027	3383	3807	7,996	Dense Fluid (T>TC)
700	1,4	0,3195	3474	3921	8,116	Dense Fluid (T>TC)
750	1,4	0,3362	3566	4036	8,232	Dense Fluid (T>TC)

800	1,4	0,3528	3659	4153	8,343	Dense Fluid (T>TC)
850	1,4	0,3694	3754	4271	8,451	Dense Fluid (T>TC)
900	1,4	0,3861	3851	4392	8,556	Dense Fluid (T>TC)
950	1,4	0,4027	3949	4513	8,657	Dense Fluid (T>TC)
1000	1,4	0,4192	4049	4636	8,756	Dense Fluid (T>TC)
1050	1,4	0,4358	4151	4761	8,852	Dense Fluid (T>TC)
1100	1,4	0,4524	4254	4887	8,946	Dense Fluid (T>TC)
1150	1,4	0,469	4359	5015	9,037	Dense Fluid (T>TC)
1200	1,4	0,4855	4465	5144	9,126	Dense Fluid (T>TC)
1250	1,4	0,5021	4572	5275	9,213	Dense Fluid (T>TC)
1299	1,4	0,5183	4678	5404	9,297	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
201,4	1,6	0,1238	2596	2794	6,422	Saturated Vapor
250	1,6	0,1418	2692	2919	6,673	Superheated Vapor
300	1,6	0,1586	2781	3035	6,884	Superheated Vapor
350	1,6	0,1746	2866	3145	7,069	Superheated Vapor
400	1,6	0,1901	2950	3254	7,237	Dense Fluid (T>TC)
450	1,6	0,2053	3034	3363	7,393	Dense Fluid (T>TC)
500	1,6	0,2203	3119	3472	7,539	Dense Fluid (T>TC)
550	1,6	0,2352	3206	3582	7,677	Dense Fluid (T>TC)
600	1,6	0,25	3293	3693	7,808	Dense Fluid (T>TC)
650	1,6	0,2647	3382	3806	7,933	Dense Fluid (T>TC)
700	1,6	0,2794	3473	3920	8,054	Dense Fluid (T>TC)
750	1,6	0,294	3565	4035	8,169	Dense Fluid (T>TC)
800	1,6	0,3086	3658	4152	8,281	Dense Fluid (T>TC)
850	1,6	0,3232	3754	4271	8,389	Dense Fluid (T>TC)
900	1,6	0,3377	3850	4391	8,493	Dense Fluid (T>TC)
950	1,6	0,3523	3949	4513	8,595	Dense Fluid (T>TC)
1000	1,6	0,3668	4049	4636	8,694	Dense Fluid (T>TC)
1050	1,6	0,3813	4151	4761	8,79	Dense Fluid (T>TC)
1100	1,6	0,3958	4254	4887	8,884	Dense Fluid (T>TC)
1150	1,6	0,4103	4358	5015	8,975	Dense Fluid (T>TC)
1200	1,6	0,4248	4464	5144	9,064	Dense Fluid (T>TC)
1250	1,6	0,4393	4571	5274	9,151	Dense Fluid (T>TC)
1299	1,6	0,4535	4678	5403	9,235	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
207,15	1,8	0,1104	2598	2797	6,38	Saturated Vapor
250	1,8	0,125	2686	2911	6,607	Superheated Vapor
300	1,8	0,1402	2777	3029	6,823	Superheated Vapor
350	1,8	0,1546	2863	3141	7,01	Superheated Vapor
400	1,8	0,1685	2948	3251	7,179	Dense Fluid (T>TC)
450	1,8	0,1821	3032	3360	7,336	Dense Fluid (T>TC)
500	1,8	0,1955	3118	3470	7,482	Dense Fluid (T>TC)
550	1,8	0,2088	3204	3580	7,621	Dense Fluid (T>TC)
600	1,8	0,222	3292	3692	7,752	Dense Fluid (T>TC)
650	1,8	0,2351	3381	3804	7,878	Dense Fluid (T>TC)

700	1,8	0,2482	3472	3919	7,998	Dense Fluid (T>TC)
750	1,8	0,2612	3564	4034	8,114	Dense Fluid (T>TC)
800	1,8	0,2742	3658	4151	8,226	Dense Fluid (T>TC)
850	1,8	0,2872	3753	4270	8,334	Dense Fluid (T>TC)
900	1,8	0,3001	3850	4390	8,439	Dense Fluid (T>TC)
950	1,8	0,3131	3948	4512	8,54	Dense Fluid (T>TC)
1000	1,8	0,326	4048	4635	8,639	Dense Fluid (T>TC)
1050	1,8	0,3389	4150	4760	8,735	Dense Fluid (T>TC)
1100	1,8	0,3518	4253	4886	8,829	Dense Fluid (T>TC)
1150	1,8	0,3647	4358	5014	8,92	Dense Fluid (T>TC)
1200	1,8	0,3776	4464	5143	9,01	Dense Fluid (T>TC)
1250	1,8	0,3905	4571	5274	9,097	Dense Fluid (T>TC)
1299	1,8	0,4031	4677	5403	9,18	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
212,42	2	0,09966	2600	2800	6,341	Saturated Vapor
250	2	0,1114	2680	2902	6,545	Superheated Vapor
300	2	0,1255	2773	3023	6,766	Superheated Vapor
350	2	0,1386	2860	3137	6,956	Superheated Vapor
400	2	0,1512	2945	3248	7,127	Dense Fluid (T>TC)
450	2	0,1635	3030	3357	7,284	Dense Fluid (T>TC)
500	2	0,1757	3116	3468	7,432	Dense Fluid (T>TC)
550	2	0,1877	3203	3578	7,57	Dense Fluid (T>TC)
600	2	0,1996	3291	3690	7,702	Dense Fluid (T>TC)
650	2	0,2114	3380	3803	7,828	Dense Fluid (T>TC)
700	2	0,2232	3471	3917	7,949	Dense Fluid (T>TC)
750	2	0,235	3563	4033	8,065	Dense Fluid (T>TC)
800	2	0,2467	3657	4150	8,177	Dense Fluid (T>TC)
850	2	0,2584	3752	4269	8,285	Dense Fluid (T>TC)
900	2	0,27	3849	4389	8,389	Dense Fluid (T>TC)
950	2	0,2817	3948	4511	8,491	Dense Fluid (T>TC)
1000	2	0,2933	4048	4635	8,59	Dense Fluid (T>TC)
1050	2	0,305	4150	4760	8,686	Dense Fluid (T>TC)
1100	2	0,3166	4253	4886	8,78	Dense Fluid (T>TC)
1150	2	0,3282	4357	5014	8,871	Dense Fluid (T>TC)
1200	2	0,3398	4463	5143	8,961	Dense Fluid (T>TC)
1250	2	0,3515	4571	5273	9,048	Dense Fluid (T>TC)
1299	2	0,3628	4677	5402	9,131	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
223,99	2,5	0,07998	2603	2803	6,257	Saturated Vapor
250	2,5	0,087	2663	2880	6,408	Superheated Vapor
300	2,5	0,0989	2762	3009	6,644	Superheated Vapor
350	2,5	0,1098	2852	3126	6,84	Superheated Vapor
400	2,5	0,1201	2939	3239	7,015	Dense Fluid (T>TC)
450	2,5	0,1301	3025	3351	7,175	Dense Fluid (T>TC)
500	2,5	0,14	3112	3462	7,323	Dense Fluid (T>TC)
550	2,5	0,1497	3200	3574	7,463	Dense Fluid (T>TC)

600	2,5	0,1593	3288	3686	7,596	Dense Fluid (T>TC)
650	2,5	0,1688	3378	3800	7,722	Dense Fluid (T>TC)
700	2,5	0,1783	3469	3915	7,844	Dense Fluid (T>TC)
750	2,5	0,1878	3561	4031	7,96	Dense Fluid (T>TC)
800	2,5	0,1972	3655	4148	8,072	Dense Fluid (T>TC)
850	2,5	0,2065	3751	4267	8,18	Dense Fluid (T>TC)
900	2,5	0,2159	3848	4388	8,285	Dense Fluid (T>TC)
950	2,5	0,2252	3947	4510	8,387	Dense Fluid (T>TC)
1000	2,5	0,2346	4047	4633	8,486	Dense Fluid (T>TC)
1050	2,5	0,2439	4148	4758	8,582	Dense Fluid (T>TC)
1100	2,5	0,2532	4252	4885	8,676	Dense Fluid (T>TC)
1150	2,5	0,2625	4356	5012	8,768	Dense Fluid (T>TC)
1200	2,5	0,2718	4462	5142	8,857	Dense Fluid (T>TC)
1250	2,5	0,2812	4569	5272	8,944	Dense Fluid (T>TC)
1299	2,5	0,2903	4676	5401	9,027	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
233,9	3	0,06671	2604	2804	6,188	Saturated Vapor
250	3	0,07058	2644	2856	6,287	Superheated Vapor
300	3	0,08114	2750	2993	6,539	Superheated Vapor
350	3	0,09053	2844	3115	6,743	Superheated Vapor
400	3	0,09936	2933	3231	6,921	Dense Fluid (T>TC)
450	3	0,1079	3020	3344	7,083	Dense Fluid (T>TC)
500	3	0,1162	3108	3456	7,234	Dense Fluid (T>TC)
550	3	0,1244	3196	3569	7,375	Dense Fluid (T>TC)
600	3	0,1324	3285	3682	7,508	Dense Fluid (T>TC)
650	3	0,1404	3375	3796	7,636	Dense Fluid (T>TC)
700	3	0,1484	3467	3912	7,757	Dense Fluid (T>TC)
750	3	0,1563	3559	4028	7,874	Dense Fluid (T>TC)
800	3	0,1641	3654	4146	7,986	Dense Fluid (T>TC)
850	3	0,172	3749	4265	8,095	Dense Fluid (T>TC)
900	3	0,1798	3846	4386	8,2	Dense Fluid (T>TC)
950	3	0,1876	3945	4508	8,302	Dense Fluid (T>TC)
1000	3	0,1954	4045	4632	8,401	Dense Fluid (T>TC)
1050	3	0,2032	4147	4757	8,497	Dense Fluid (T>TC)
1100	3	0,211	4250	4883	8,591	Dense Fluid (T>TC)
1150	3	0,2188	4355	5011	8,683	Dense Fluid (T>TC)
1200	3	0,2265	4461	5140	8,772	Dense Fluid (T>TC)
1250	3	0,2343	4568	5271	8,859	Dense Fluid (T>TC)
1299	3	0,2419	4674	5400	8,943	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
242,6	3,5	0,05716	2605	2805	6,128	Saturated Vapor
250	3,5	0,05873	2624	2829	6,175	Superheated Vapor
300	3,5	0,06842	2738	2977	6,446	Superheated Vapor
350	3,5	0,07678	2835	3104	6,658	Superheated Vapor
400	3,5	0,08453	2926	3222	6,84	Dense Fluid (T>TC)
450	3,5	0,09196	3015	3337	7,005	Dense Fluid (T>TC)

500	3,5	0,09918	3104	3451	7,157	Dense Fluid (T>TC)
550	3,5	0,1063	3193	3564	7,299	Dense Fluid (T>TC)
600	3,5	0,1132	3282	3678	7,434	Dense Fluid (T>TC)
650	3,5	0,1201	3373	3793	7,562	Dense Fluid (T>TC)
700	3,5	0,127	3464	3909	7,684	Dense Fluid (T>TC)
750	3,5	0,1338	3557	4026	7,801	Dense Fluid (T>TC)
800	3,5	0,1406	3652	4144	7,913	Dense Fluid (T>TC)
850	3,5	0,1473	3748	4263	8,022	Dense Fluid (T>TC)
900	3,5	0,154	3845	4384	8,128	Dense Fluid (T>TC)
950	3,5	0,1607	3944	4506	8,23	Dense Fluid (T>TC)
1000	3,5	0,1674	4044	4630	8,329	Dense Fluid (T>TC)
1050	3,5	0,1741	4146	4755	8,425	Dense Fluid (T>TC)
1100	3,5	0,1808	4249	4882	8,519	Dense Fluid (T>TC)
1150	3,5	0,1875	4354	5010	8,611	Dense Fluid (T>TC)
1200	3,5	0,1941	4460	5139	8,7	Dense Fluid (T>TC)
1250	3,5	0,2008	4567	5270	8,787	Dense Fluid (T>TC)
1299	3,5	0,2074	4673	5399	8,871	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K	
250,4	4	0,0499	2604	2804	6,074	Saturated Vapor
300	4	0,05884	2725	2961	6,361	Superheated Vapor
350	4	0,06645	2827	3092	6,582	Superheated Vapor
400	4	0,07341	2920	3214	6,769	Dense Fluid (T>TC)
450	4	0,08003	3010	3330	6,936	Dense Fluid (T>TC)
500	4	0,08643	3099	3445	7,09	Dense Fluid (T>TC)
550	4	0,09269	3189	3560	7,233	Dense Fluid (T>TC)
600	4	0,09885	3279	3674	7,369	Dense Fluid (T>TC)
650	4	0,1049	3370	3790	7,497	Dense Fluid (T>TC)
700	4	0,1109	3462	3906	7,62	Dense Fluid (T>TC)
750	4	0,1169	3555	4023	7,737	Dense Fluid (T>TC)
800	4	0,1229	3650	4142	7,85	Dense Fluid (T>TC)
850	4	0,1288	3746	4261	7,959	Dense Fluid (T>TC)
900	4	0,1347	3844	4382	8,065	Dense Fluid (T>TC)
950	4	0,1406	3942	4505	8,167	Dense Fluid (T>TC)
1000	4	0,1464	4043	4629	8,266	Dense Fluid (T>TC)
1050	4	0,1523	4145	4754	8,363	Dense Fluid (T>TC)
1100	4	0,1582	4248	4881	8,457	Dense Fluid (T>TC)
1150	4	0,164	4353	5009	8,548	Dense Fluid (T>TC)
1200	4	0,1699	4459	5138	8,638	Dense Fluid (T>TC)
1250	4	0,1757	4566	5269	8,725	Dense Fluid (T>TC)
1299	4	0,1814	4672	5398	8,808	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K	
257,48	4,5	0,04416	2602	2800	6,024	Saturated Vapor
300	4,5	0,05135	2712	2943	6,283	Superheated Vapor
350	4,5	0,0584	2818	3081	6,513	Superheated Vapor
400	4,5	0,06475	2913	3205	6,705	Dense Fluid (T>TC)
450	4,5	0,07074	3005	3323	6,875	Dense Fluid (T>TC)

500	4,5	0,07651	3095	3440	7,03	Dense Fluid (T>TC)
550	4,5	0,08213	3185	3555	7,175	Dense Fluid (T>TC)
600	4,5	0,08765	3276	3670	7,311	Dense Fluid (T>TC)
650	4,5	0,09309	3367	3786	7,44	Dense Fluid (T>TC)
700	4,5	0,09847	3460	3903	7,563	Dense Fluid (T>TC)
750	4,5	0,1038	3554	4021	7,681	Dense Fluid (T>TC)
800	4,5	0,1091	3648	4139	7,794	Dense Fluid (T>TC)
850	4,5	0,1144	3745	4259	7,903	Dense Fluid (T>TC)
900	4,5	0,1197	3842	4381	8,009	Dense Fluid (T>TC)
950	4,5	0,1249	3941	4503	8,111	Dense Fluid (T>TC)
1000	4,5	0,1301	4042	4627	8,211	Dense Fluid (T>TC)
1050	4,5	0,1353	4143	4753	8,307	Dense Fluid (T>TC)
1100	4,5	0,1406	4247	4879	8,401	Dense Fluid (T>TC)
1150	4,5	0,1458	4351	5007	8,493	Dense Fluid (T>TC)
1200	4,5	0,151	4457	5137	8,582	Dense Fluid (T>TC)
1250	4,5	0,1562	4565	5268	8,67	Dense Fluid (T>TC)
1299	4,5	0,1613	4671	5397	8,753	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
263,99	5	0,03944	2597	2794	5,973	Saturated Vapor
300	5	0,04532	2698	2925	6,208	Superheated Vapor
350	5	0,05194	2809	3068	6,449	Superheated Vapor
400	5	0,05781	2907	3196	6,646	Dense Fluid (T>TC)
450	5	0,0633	3000	3316	6,818	Dense Fluid (T>TC)
500	5	0,06857	3091	3434	6,976	Dense Fluid (T>TC)
550	5	0,07368	3182	3550	7,122	Dense Fluid (T>TC)
600	5	0,07869	3273	3666	7,259	Dense Fluid (T>TC)
650	5	0,08362	3365	3783	7,389	Dense Fluid (T>TC)
700	5	0,08849	3458	3900	7,512	Dense Fluid (T>TC)
750	5	0,09332	3552	4018	7,63	Dense Fluid (T>TC)
800	5	0,09811	3647	4137	7,744	Dense Fluid (T>TC)
850	5	0,1029	3743	4257	7,853	Dense Fluid (T>TC)
900	5	0,1076	3841	4379	7,959	Dense Fluid (T>TC)
950	5	0,1124	3940	4502	8,062	Dense Fluid (T>TC)
1000	5	0,1171	4040	4626	8,161	Dense Fluid (T>TC)
1050	5	0,1218	4142	4751	8,258	Dense Fluid (T>TC)
1100	5	0,1265	4246	4878	8,352	Dense Fluid (T>TC)
1150	5	0,1312	4350	5006	8,444	Dense Fluid (T>TC)
1200	5	0,1359	4456	5136	8,533	Dense Fluid (T>TC)
1250	5	0,1406	4564	5266	8,62	Dense Fluid (T>TC)
1299	5	0,1452	4670	5396	8,704	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
275,64	6	0,0325	2591	2786	5,892	Saturated Vapor
300	6	0,03616	2667	2884	6,067	Superheated Vapor
350	6	0,04223	2790	3043	6,333	Superheated Vapor
400	6	0,04739	2893	3177	6,541	Dense Fluid (T>TC)
450	6	0,05214	2989	3302	6,719	Dense Fluid (T>TC)

500	6	0,05665	3082	3422	6,88	Dense Fluid (T>TC)
550	6	0,06101	3175	3541	7,029	Dense Fluid (T>TC)
600	6	0,06525	3267	3658	7,168	Dense Fluid (T>TC)
650	6	0,06942	3360	3776	7,299	Dense Fluid (T>TC)
700	6	0,07352	3453	3894	7,423	Dense Fluid (T>TC)
750	6	0,07758	3548	4013	7,542	Dense Fluid (T>TC)
800	6	0,0816	3643	4133	7,657	Dense Fluid (T>TC)
850	6	0,0856	3740	4253	7,767	Dense Fluid (T>TC)
900	6	0,08958	3838	4375	7,873	Dense Fluid (T>TC)
950	6	0,09354	3937	4498	7,975	Dense Fluid (T>TC)
1000	6	0,09749	4038	4623	8,075	Dense Fluid (T>TC)
1050	6	0,1014	4140	4748	8,172	Dense Fluid (T>TC)
1100	6	0,1054	4243	4875	8,266	Dense Fluid (T>TC)
1150	6	0,1093	4348	5004	8,358	Dense Fluid (T>TC)
1200	6	0,1132	4454	5133	8,447	Dense Fluid (T>TC)
1250	6	0,1171	4561	5264	8,535	Dense Fluid (T>TC)
1299	6	0,121	4667	5393	8,618	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K	
285,88	7	0,02739	2581	2773	5,814	Saturated Vapor
300	7	0,02947	2632	2838	5,93	Superheated Vapor
350	7	0,03524	2769	3016	6,228	Superheated Vapor
400	7	0,03993	2879	3158	6,448	Dense Fluid (T>TC)
450	7	0,04416	2978	3287	6,633	Dense Fluid (T>TC)
500	7	0,04814	3073	3410	6,797	Dense Fluid (T>TC)
550	7	0,05195	3167	3531	6,949	Dense Fluid (T>TC)
600	7	0,05565	3261	3650	7,089	Dense Fluid (T>TC)
650	7	0,05927	3354	3769	7,222	Dense Fluid (T>TC)
700	7	0,06283	3449	3888	7,348	Dense Fluid (T>TC)
750	7	0,06634	3544	4008	7,467	Dense Fluid (T>TC)
800	7	0,06981	3640	4128	7,582	Dense Fluid (T>TC)
850	7	0,07326	3737	4250	7,693	Dense Fluid (T>TC)
900	7	0,07669	3835	4372	7,799	Dense Fluid (T>TC)
950	7	0,0801	3934	4495	7,902	Dense Fluid (T>TC)
1000	7	0,0835	4035	4620	8,002	Dense Fluid (T>TC)
1050	7	0,08689	4137	4746	8,099	Dense Fluid (T>TC)
1100	7	0,09027	4241	4873	8,193	Dense Fluid (T>TC)
1150	7	0,09365	4346	5001	8,285	Dense Fluid (T>TC)
1200	7	0,09703	4452	5131	8,375	Dense Fluid (T>TC)
1250	7	0,1004	4559	5262	8,462	Dense Fluid (T>TC)
1299	7	0,1037	4665	5391	8,546	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K	
295,06	8	0,02359	2572	2760	5,748	Saturated Vapor
300	8	0,02426	2591	2785	5,791	Superheated Vapor
350	8	0,02995	2748	2987	6,13	Superheated Vapor
400	8	0,03432	2864	3138	6,363	Dense Fluid (T>TC)
450	8	0,03817	2967	3272	6,555	Dense Fluid (T>TC)

500	8	0,04175	3064	3398	6,724	Dense Fluid (T>TC)
550	8	0,04516	3160	3521	6,878	Dense Fluid (T>TC)
600	8	0,04845	3254	3642	7,021	Dense Fluid (T>TC)
650	8	0,05166	3349	3762	7,154	Dense Fluid (T>TC)
700	8	0,05481	3444	3882	7,281	Dense Fluid (T>TC)
750	8	0,05791	3540	4003	7,402	Dense Fluid (T>TC)
800	8	0,06097	3636	4124	7,517	Dense Fluid (T>TC)
850	8	0,06401	3734	4246	7,628	Dense Fluid (T>TC)
900	8	0,06702	3832	4368	7,735	Dense Fluid (T>TC)
950	8	0,07002	3932	4492	7,838	Dense Fluid (T>TC)
1000	8	0,07301	4033	4617	7,938	Dense Fluid (T>TC)
1050	8	0,07599	4135	4743	8,036	Dense Fluid (T>TC)
1100	8	0,07896	4239	4870	8,13	Dense Fluid (T>TC)
1150	8	0,08192	4343	4999	8,222	Dense Fluid (T>TC)
1200	8	0,08489	4449	5129	8,311	Dense Fluid (T>TC)
1250	8	0,08785	4557	5259	8,399	Dense Fluid (T>TC)
1299	8	0,09075	4663	5389	8,482	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
303,4	9	0,02057	2561	2746	5,684	Saturated Vapor
350	9	0,0258	2724	2957	6,036	Superheated Vapor
400	9	0,02993	2848	3118	6,285	Dense Fluid (T>TC)
450	9	0,0335	2955	3257	6,484	Dense Fluid (T>TC)
500	9	0,03677	3055	3386	6,657	Dense Fluid (T>TC)
550	9	0,03987	3152	3511	6,814	Dense Fluid (T>TC)
600	9	0,04285	3248	3634	6,959	Dense Fluid (T>TC)
650	9	0,04574	3344	3755	7,094	Dense Fluid (T>TC)
700	9	0,04857	3439	3877	7,222	Dense Fluid (T>TC)
750	9	0,05135	3536	3998	7,344	Dense Fluid (T>TC)
800	9	0,05409	3633	4119	7,46	Dense Fluid (T>TC)
850	9	0,05681	3730	4242	7,571	Dense Fluid (T>TC)
900	9	0,0595	3829	4365	7,678	Dense Fluid (T>TC)
950	9	0,06218	3929	4489	7,782	Dense Fluid (T>TC)
1000	9	0,06485	4030	4614	7,882	Dense Fluid (T>TC)
1050	9	0,06751	4133	4740	7,979	Dense Fluid (T>TC)
1100	9	0,07016	4236	4868	8,074	Dense Fluid (T>TC)
1150	9	0,0728	4341	4996	8,166	Dense Fluid (T>TC)
1200	9	0,07544	4447	5126	8,256	Dense Fluid (T>TC)
1250	9	0,07808	4554	5257	8,343	Dense Fluid (T>TC)
1299	9	0,08067	4661	5387	8,427	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
311,06	10	0,01809	2547	2728	5,619	Saturated Vapor
350	10	0,02242	2699	2923	5,944	Superheated Vapor
400	10	0,02641	2832	3096	6,212	Dense Fluid (T>TC)
450	10	0,02975	2943	3241	6,419	Dense Fluid (T>TC)
500	10	0,03279	3046	3374	6,597	Dense Fluid (T>TC)
550	10	0,03564	3145	3501	6,756	Dense Fluid (T>TC)

600	10	0,03837	3242	3625	6,903	Dense Fluid (T>TC)
650	10	0,04101	3338	3748	7,04	Dense Fluid (T>TC)
700	10	0,04358	3435	3871	7,169	Dense Fluid (T>TC)
750	10	0,04611	3532	3993	7,291	Dense Fluid (T>TC)
800	10	0,04859	3629	4115	7,408	Dense Fluid (T>TC)
850	10	0,05105	3727	4238	7,52	Dense Fluid (T>TC)
900	10	0,05349	3826	4361	7,627	Dense Fluid (T>TC)
950	10	0,05591	3927	4486	7,731	Dense Fluid (T>TC)
1000	10	0,05832	4028	4611	7,831	Dense Fluid (T>TC)
1050	10	0,06072	4130	4738	7,929	Dense Fluid (T>TC)
1100	10	0,06312	4234	4865	8,024	Dense Fluid (T>TC)
1150	10	0,06551	4339	4994	8,116	Dense Fluid (T>TC)
1200	10	0,06789	4445	5124	8,205	Dense Fluid (T>TC)
1250	10	0,07027	4552	5255	8,293	Dense Fluid (T>TC)
1299	10	0,07261	4658	5384	8,377	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
327,89	12,5	0,01351	2506	2675	5,464	Saturated Vapor
350	12,5	0,01613	2625	2826	5,712	Superheated Vapor
400	12,5	0,02	2789	3039	6,042	Dense Fluid (T>TC)
450	12,5	0,02299	2912	3200	6,272	Dense Fluid (T>TC)
500	12,5	0,0256	3022	3342	6,462	Dense Fluid (T>TC)
550	12,5	0,02801	3125	3475	6,629	Dense Fluid (T>TC)
600	12,5	0,03029	3225	3604	6,781	Dense Fluid (T>TC)
650	12,5	0,03248	3324	3730	6,922	Dense Fluid (T>TC)
700	12,5	0,0346	3423	3855	7,054	Dense Fluid (T>TC)
750	12,5	0,03667	3521	3980	7,178	Dense Fluid (T>TC)
800	12,5	0,03869	3620	4104	7,296	Dense Fluid (T>TC)
850	12,5	0,04069	3719	4228	7,41	Dense Fluid (T>TC)
900	12,5	0,04267	3819	4352	7,518	Dense Fluid (T>TC)
950	12,5	0,04463	3920	4478	7,623	Dense Fluid (T>TC)
1000	12,5	0,04658	4022	4604	7,724	Dense Fluid (T>TC)
1050	12,5	0,04852	4124	4731	7,822	Dense Fluid (T>TC)
1100	12,5	0,05045	4228	4859	7,916	Dense Fluid (T>TC)
1150	12,5	0,05237	4333	4988	8,009	Dense Fluid (T>TC)
1200	12,5	0,0543	4439	5118	8,099	Dense Fluid (T>TC)
1250	12,5	0,05622	4547	5249	8,186	Dense Fluid (T>TC)
1299	12,5	0,0581	4653	5379	8,27	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
342,24	15	0,01038	2458	2614	5,315	Saturated Vapor
350	15	0,01147	2520	2692	5,442	Superheated Vapor
400	15	0,01565	2741	2975	5,881	Dense Fluid (T>TC)
450	15	0,01845	2879	3156	6,14	Dense Fluid (T>TC)
500	15	0,0208	2997	3309	6,344	Dense Fluid (T>TC)
550	15	0,02293	3105	3449	6,52	Dense Fluid (T>TC)
600	15	0,02491	3209	3582	6,678	Dense Fluid (T>TC)
650	15	0,0268	3310	3712	6,822	Dense Fluid (T>TC)

700	15	0,02861	3411	3840	6,957	Dense Fluid (T>TC)
750	15	0,03037	3511	3967	7,084	Dense Fluid (T>TC)
800	15	0,0321	3611	4092	7,204	Dense Fluid (T>TC)
850	15	0,03379	3711	4218	7,318	Dense Fluid (T>TC)
900	15	0,03546	3812	4344	7,428	Dense Fluid (T>TC)
950	15	0,03711	3913	4470	7,533	Dense Fluid (T>TC)
1000	15	0,03875	4015	4597	7,635	Dense Fluid (T>TC)
1050	15	0,04038	4118	4724	7,733	Dense Fluid (T>TC)
1100	15	0,042	4223	4853	7,828	Dense Fluid (T>TC)
1150	15	0,04362	4328	4982	7,921	Dense Fluid (T>TC)
1200	15	0,04523	4434	5112	8,011	Dense Fluid (T>TC)
1250	15	0,04684	4541	5244	8,098	Dense Fluid (T>TC)
1299	15	0,04842	4647	5373	8,182	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
354,75	17,5	0,007977	2394	2534	5,15	Saturated Vapor
400	17,5	0,01245	2685	2903	5,721	Dense Fluid (T>TC)
450	17,5	0,01517	2844	3110	6,018	Dense Fluid (T>TC)
500	17,5	0,01736	2970	3274	6,238	Dense Fluid (T>TC)
550	17,5	0,01929	3084	3421	6,423	Dense Fluid (T>TC)
600	17,5	0,02106	3192	3560	6,587	Dense Fluid (T>TC)
650	17,5	0,02274	3296	3694	6,736	Dense Fluid (T>TC)
700	17,5	0,02434	3399	3825	6,874	Dense Fluid (T>TC)
750	17,5	0,02588	3501	3953	7,003	Dense Fluid (T>TC)
800	17,5	0,02738	3602	4081	7,124	Dense Fluid (T>TC)
850	17,5	0,02886	3703	4208	7,24	Dense Fluid (T>TC)
900	17,5	0,03031	3805	4335	7,351	Dense Fluid (T>TC)
950	17,5	0,03174	3907	4462	7,457	Dense Fluid (T>TC)
1000	17,5	0,03316	4009	4590	7,559	Dense Fluid (T>TC)
1050	17,5	0,03457	4113	4718	7,657	Dense Fluid (T>TC)
1100	17,5	0,03597	4217	4846	7,753	Dense Fluid (T>TC)
1150	17,5	0,03737	4322	4976	7,846	Dense Fluid (T>TC)
1200	17,5	0,03876	4428	5107	7,936	Dense Fluid (T>TC)
1250	17,5	0,04015	4535	5238	8,024	Dense Fluid (T>TC)
1299	17,5	0,04151	4641	5368	8,108	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
365,81	20	0,005908	2300	2418	4,94	Saturated Vapor
400	20	0,009942	2619	2818	5,554	Dense Fluid (T>TC)
450	20	0,0127	2806	3060	5,902	Dense Fluid (T>TC)
500	20	0,01477	2943	3238	6,14	Dense Fluid (T>TC)
550	20	0,01656	3062	3393	6,335	Dense Fluid (T>TC)
600	20	0,01818	3174	3538	6,505	Dense Fluid (T>TC)
650	20	0,01969	3281	3675	6,658	Dense Fluid (T>TC)
700	20	0,02113	3386	3809	6,799	Dense Fluid (T>TC)
750	20	0,02251	3490	3940	6,931	Dense Fluid (T>TC)
800	20	0,02385	3593	4070	7,054	Dense Fluid (T>TC)
850	20	0,02516	3695	4198	7,171	Dense Fluid (T>TC)

900	20	0,02645	3797	4326	7,283	Dense Fluid (T>TC)
950	20	0,02771	3900	4454	7,39	Dense Fluid (T>TC)
1000	20	0,02897	4003	4582	7,492	Dense Fluid (T>TC)
1050	20	0,03021	4107	4711	7,592	Dense Fluid (T>TC)
1100	20	0,03145	4211	4840	7,687	Dense Fluid (T>TC)
1150	20	0,03268	4317	4970	7,78	Dense Fluid (T>TC)
1200	20	0,03391	4423	5101	7,871	Dense Fluid (T>TC)
1250	20	0,03513	4530	5233	7,959	Dense Fluid (T>TC)
1299	20	0,03633	4636	5362	8,042	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
375	25	0,001973	1799	1848	4,032	Dense Fluid (T>TC)
400	25	0,006004	2430	2580	5,142	Dense Fluid (T>TC)
450	25	0,009162	2721	2950	5,674	Dense Fluid (T>TC)
500	25	0,01112	2884	3162	5,959	Dense Fluid (T>TC)
550	25	0,01272	3018	3336	6,176	Dense Fluid (T>TC)
600	25	0,01414	3138	3491	6,36	Dense Fluid (T>TC)
650	25	0,01543	3252	3637	6,523	Dense Fluid (T>TC)
700	25	0,01665	3361	3778	6,671	Dense Fluid (T>TC)
750	25	0,0178	3469	3914	6,807	Dense Fluid (T>TC)
800	25	0,01891	3574	4047	6,934	Dense Fluid (T>TC)
850	25	0,01999	3679	4179	7,054	Dense Fluid (T>TC)
900	25	0,02104	3783	4309	7,168	Dense Fluid (T>TC)
950	25	0,02208	3887	4439	7,276	Dense Fluid (T>TC)
1000	25	0,0231	3991	4568	7,38	Dense Fluid (T>TC)
1050	25	0,02411	4095	4698	7,48	Dense Fluid (T>TC)
1100	25	0,02512	4200	4828	7,576	Dense Fluid (T>TC)
1150	25	0,02612	4306	4959	7,67	Dense Fluid (T>TC)
1200	25	0,02711	4412	5090	7,76	Dense Fluid (T>TC)
1250	25	0,02811	4519	5222	7,848	Dense Fluid (T>TC)
1299	25	0,02908	4625	5352	7,932	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
375	30	0,001789	1738	1791	3,93	Dense Fluid (T>TC)
400	30	0,00279	2067	2151	4,473	Dense Fluid (T>TC)
450	30	0,006735	2619	2821	5,442	Dense Fluid (T>TC)
500	30	0,008679	2821	3081	5,79	Dense Fluid (T>TC)
550	30	0,01017	2970	3275	6,034	Dense Fluid (T>TC)
600	30	0,01145	3101	3444	6,233	Dense Fluid (T>TC)
650	30	0,0126	3221	3599	6,406	Dense Fluid (T>TC)
700	30	0,01366	3336	3746	6,561	Dense Fluid (T>TC)
750	30	0,01466	3447	3887	6,702	Dense Fluid (T>TC)
800	30	0,01562	3556	4024	6,833	Dense Fluid (T>TC)
850	30	0,01655	3663	4159	6,956	Dense Fluid (T>TC)
900	30	0,01745	3768	4292	7,072	Dense Fluid (T>TC)
950	30	0,01833	3874	4424	7,182	Dense Fluid (T>TC)
1000	30	0,0192	3979	4555	7,287	Dense Fluid (T>TC)
1050	30	0,02005	4084	4685	7,387	Dense Fluid (T>TC)

1100	30	0,0209	4189	4816	7,484	Dense Fluid (T>TC)
1150	30	0,02175	4295	4947	7,578	Dense Fluid (T>TC)
1200	30	0,02259	4401	5079	7,669	Dense Fluid (T>TC)
1250	30	0,02343	4508	5211	7,757	Dense Fluid (T>TC)
1299	30	0,02425	4614	5341	7,841	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K	
375	35	0,0017	1703	1762	3,872	Dense Fluid (T>TC)
400	35	0,0021	1914	1988	4,212	Dense Fluid (T>TC)
450	35	0,004962	2499	2672	5,196	Dense Fluid (T>TC)
500	35	0,006927	2752	2994	5,628	Dense Fluid (T>TC)
550	35	0,008345	2921	3213	5,902	Dense Fluid (T>TC)
600	35	0,009527	3062	3395	6,118	Dense Fluid (T>TC)
650	35	0,01057	3190	3560	6,301	Dense Fluid (T>TC)
700	35	0,01153	3310	3714	6,463	Dense Fluid (T>TC)
750	35	0,01243	3425	3860	6,61	Dense Fluid (T>TC)
800	35	0,01328	3537	4002	6,745	Dense Fluid (T>TC)
850	35	0,01409	3646	4139	6,871	Dense Fluid (T>TC)
900	35	0,01488	3754	4275	6,989	Dense Fluid (T>TC)
950	35	0,01565	3861	4409	7,1	Dense Fluid (T>TC)
1000	35	0,01641	3967	4541	7,206	Dense Fluid (T>TC)
1050	35	0,01716	4072	4673	7,308	Dense Fluid (T>TC)
1100	35	0,0179	4178	4805	7,406	Dense Fluid (T>TC)
1150	35	0,01863	4284	4936	7,5	Dense Fluid (T>TC)
1200	35	0,01936	4391	5068	7,591	Dense Fluid (T>TC)
1250	35	0,02009	4498	5201	7,679	Dense Fluid (T>TC)
1299	35	0,0208	4603	5331	7,764	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K	
375	40	0,001641	1677	1743	3,829	Dense Fluid (T>TC)
400	40	0,001908	1855	1931	4,113	Dense Fluid (T>TC)
450	40	0,003693	2365	2513	4,946	Dense Fluid (T>TC)
500	40	0,005623	2678	2903	5,47	Dense Fluid (T>TC)
550	40	0,006984	2870	3149	5,778	Dense Fluid (T>TC)
600	40	0,008094	3023	3346	6,011	Dense Fluid (T>TC)
650	40	0,009064	3158	3521	6,205	Dense Fluid (T>TC)
700	40	0,009942	3284	3681	6,375	Dense Fluid (T>TC)
750	40	0,01076	3403	3833	6,527	Dense Fluid (T>TC)
800	40	0,01152	3518	3979	6,666	Dense Fluid (T>TC)
850	40	0,01226	3630	4120	6,795	Dense Fluid (T>TC)
900	40	0,01296	3739	4258	6,915	Dense Fluid (T>TC)
950	40	0,01365	3848	4394	7,028	Dense Fluid (T>TC)
1000	40	0,01432	3955	4528	7,136	Dense Fluid (T>TC)
1050	40	0,01499	4061	4661	7,238	Dense Fluid (T>TC)
1100	40	0,01564	4167	4793	7,336	Dense Fluid (T>TC)
1150	40	0,01629	4274	4925	7,431	Dense Fluid (T>TC)
1200	40	0,01694	4380	5058	7,522	Dense Fluid (T>TC)
1250	40	0,01759	4487	5190	7,611	Dense Fluid (T>TC)

1299	40	0,01822	4592	5321	7,695	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
375	50	0,001559	1639	1717	3,764	Dense Fluid (T>TC)
400	50	0,001731	1788	1875	4,003	Dense Fluid (T>TC)
450	50	0,002486	2160	2284	4,588	Dense Fluid (T>TC)
500	50	0,003892	2525	2720	5,172	Dense Fluid (T>TC)
550	50	0,005118	2764	3020	5,548	Dense Fluid (T>TC)
600	50	0,006112	2942	3248	5,818	Dense Fluid (T>TC)
650	50	0,006966	3094	3442	6,034	Dense Fluid (T>TC)
700	50	0,007727	3231	3617	6,219	Dense Fluid (T>TC)
750	50	0,008425	3358	3780	6,382	Dense Fluid (T>TC)
800	50	0,009076	3480	3934	6,529	Dense Fluid (T>TC)
850	50	0,009693	3597	4081	6,664	Dense Fluid (T>TC)
900	50	0,01028	3710	4224	6,788	Dense Fluid (T>TC)
950	50	0,01085	3821	4364	6,905	Dense Fluid (T>TC)
1000	50	0,01141	3931	4501	7,015	Dense Fluid (T>TC)
1050	50	0,01196	4039	4636	7,119	Dense Fluid (T>TC)
1100	50	0,0125	4146	4771	7,218	Dense Fluid (T>TC)
1150	50	0,01303	4252	4904	7,314	Dense Fluid (T>TC)
1200	50	0,01356	4359	5037	7,406	Dense Fluid (T>TC)
1250	50	0,01409	4466	5170	7,495	Dense Fluid (T>TC)
1299	50	0,01461	4571	5301	7,579	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
375	60	0,001503	1609	1700	3,714	Dense Fluid (T>TC)
400	60	0,001633	1745	1843	3,932	Dense Fluid (T>TC)
450	60	0,002085	2054	2179	4,412	Dense Fluid (T>TC)
500	60	0,002956	2391	2568	4,932	Dense Fluid (T>TC)
550	60	0,003957	2659	2896	5,344	Dense Fluid (T>TC)
600	60	0,004835	2861	3151	5,645	Dense Fluid (T>TC)
650	60	0,005595	3029	3365	5,883	Dense Fluid (T>TC)
700	60	0,006272	3177	3554	6,082	Dense Fluid (T>TC)
750	60	0,006888	3314	3727	6,256	Dense Fluid (T>TC)
800	60	0,007459	3442	3889	6,411	Dense Fluid (T>TC)
850	60	0,007996	3564	4043	6,551	Dense Fluid (T>TC)
900	60	0,008508	3681	4191	6,68	Dense Fluid (T>TC)
950	60	0,009001	3795	4335	6,8	Dense Fluid (T>TC)
1000	60	0,00948	3906	4475	6,913	Dense Fluid (T>TC)
1050	60	0,009948	4016	4613	7,019	Dense Fluid (T>TC)
1100	60	0,01041	4124	4749	7,119	Dense Fluid (T>TC)
1150	60	0,01086	4231	4883	7,216	Dense Fluid (T>TC)
1200	60	0,01132	4338	5017	7,308	Dense Fluid (T>TC)
1250	60	0,01177	4445	5151	7,397	Dense Fluid (T>TC)
1299	60	0,01221	4549	5282	7,482	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase

C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
375	70	0,001459	1586	1688	3,673	Dense Fluid (T>TC)
400	70	0,001566	1713	1823	3,877	Dense Fluid (T>TC)
450	70	0,001893	1990	2123	4,307	Dense Fluid (T>TC)
500	70	0,002466	2291	2463	4,762	Dense Fluid (T>TC)
550	70	0,003227	2564	2790	5,171	Dense Fluid (T>TC)
600	70	0,003976	2783	3062	5,492	Dense Fluid (T>TC)
650	70	0,00465	2965	3291	5,748	Dense Fluid (T>TC)
700	70	0,005256	3125	3492	5,961	Dense Fluid (T>TC)
750	70	0,005808	3269	3676	6,144	Dense Fluid (T>TC)
800	70	0,006318	3403	3846	6,307	Dense Fluid (T>TC)
850	70	0,006797	3530	4006	6,453	Dense Fluid (T>TC)
900	70	0,007252	3652	4159	6,586	Dense Fluid (T>TC)
950	70	0,007688	3769	4307	6,709	Dense Fluid (T>TC)
1000	70	0,00811	3882	4450	6,824	Dense Fluid (T>TC)
1050	70	0,008523	3993	4590	6,932	Dense Fluid (T>TC)
1100	70	0,008927	4102	4727	7,034	Dense Fluid (T>TC)
1150	70	0,009327	4210	4863	7,131	Dense Fluid (T>TC)
1200	70	0,009722	4317	4998	7,224	Dense Fluid (T>TC)
1250	70	0,01012	4424	5132	7,313	Dense Fluid (T>TC)
1299	70	0,0105	4528	5263	7,398	Dense Fluid (T>TC)
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
0	5	0,001091	-338,9	-333,4	-1,221	Saturated Solid
20	5	0,0009995	83,64	88,64	0,2955	Compressed Liquid
40	5	0,001006	166,9	172	0,5705	Compressed Liquid
60	5	0,001015	250,2	255,3	0,8284	Compressed Liquid
80	5	0,001027	333,7	338,8	1,072	Compressed Liquid
100	5	0,001041	417,5	422,7	1,303	Compressed Liquid
120	5	0,001058	501,8	507,1	1,523	Compressed Liquid
140	5	0,001077	586,7	592,1	1,734	Compressed Liquid
160	5	0,001099	672,6	678,1	1,937	Compressed Liquid
180	5	0,001124	759,6	765,2	2,134	Compressed Liquid
200	5	0,001153	848,1	853,8	2,325	Compressed Liquid
220	5	0,001187	938,4	944,4	2,513	Compressed Liquid
240	5	0,001226	1031	1037	2,698	Compressed Liquid
260	5	0,001275	1128	1134	2,883	Compressed Liquid
280	5	0,04224	2646	2857	6,088	Superheated Vapor
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
0	10	0,001091	-344,3	-333,4	-1,221	Saturated Solid
20	10	0,0009972	83,35	93,32	0,2945	Compressed Liquid
40	10	0,001003	166,3	176,4	0,5685	Compressed Liquid
60	10	0,001013	249,3	259,5	0,8258	Compressed Liquid
80	10	0,001024	332,6	342,8	1,069	Compressed Liquid
100	10	0,001039	416,1	426,5	1,299	Compressed Liquid
120	10	0,001055	500,1	510,6	1,519	Compressed Liquid
140	10	0,001074	584,7	595,4	1,729	Compressed Liquid

160	10	0,001095	670,1	681,1	1,932	Compressed Liquid
180	10	0,00112	756,6	767,8	2,127	Compressed Liquid
200	10	0,001148	844,5	856	2,318	Compressed Liquid
220	10	0,001181	934,1	945,9	2,504	Compressed Liquid
240	10	0,001219	1026	1038	2,687	Compressed Liquid
260	10	0,001265	1121	1134	2,87	Compressed Liquid
280	10	0,001322	1221	1234	3,055	Compressed Liquid
300	10	0,001397	1328	1342	3,247	Compressed Liquid
320	10	0,01925	2589	2781	5,71	Superheated Vapor
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K	
0	15	0,001091	-349,8	-333,4	-1,221	Saturated Solid
20	15	0,000995	83,05	97,97	0,2934	Compressed Liquid
40	15	0,001001	165,7	180,8	0,5665	Compressed Liquid
60	15	0,001011	248,5	263,6	0,8231	Compressed Liquid
80	15	0,001022	331,5	346,8	1,065	Compressed Liquid
100	15	0,001036	414,7	430,3	1,295	Compressed Liquid
120	15	0,001052	498,4	514,2	1,514	Compressed Liquid
140	15	0,001071	582,6	598,7	1,724	Compressed Liquid
160	15	0,001092	667,7	684,1	1,926	Compressed Liquid
180	15	0,001116	753,7	770,5	2,121	Compressed Liquid
200	15	0,001143	841	858,2	2,31	Compressed Liquid
220	15	0,001175	929,9	947,5	2,495	Compressed Liquid
240	15	0,001211	1021	1039	2,677	Compressed Liquid
260	15	0,001255	1115	1133	2,858	Compressed Liquid
280	15	0,001308	1212	1232	3,039	Compressed Liquid
300	15	0,001377	1317	1337	3,226	Compressed Liquid
320	15	0,001472	1431	1453	3,425	Compressed Liquid
340	15	0,001631	1567	1592	3,654	Compressed Liquid
360	15	0,01257	2581	2770	5,565	Superheated Vapor
Temp	Pressure	Specific Volume	Internal Energy	Specific Enthalpy	Specific Entropy	Phase
C	MPa	m ³ /kg	kJ/kg	kJ/kg	kJ/kg/K	
0	20	0,001091	-355,2	-333,4	-1,221	Saturated Solid
20	20	0,0009928	82,75	102,6	0,2922	Compressed Liquid
40	20	0,0009992	165,2	185,1	0,5646	Compressed Liquid
60	20	0,001008	247,7	267,8	0,8205	Compressed Liquid
80	20	0,00102	330,4	350,8	1,062	Compressed Liquid
100	20	0,001034	413,4	434	1,292	Compressed Liquid
120	20	0,00105	496,7	517,7	1,51	Compressed Liquid
140	20	0,001068	580,7	602	1,719	Compressed Liquid
160	20	0,001088	665,3	687,1	1,92	Compressed Liquid
180	20	0,001112	750,9	773,2	2,115	Compressed Liquid
200	20	0,001139	837,7	860,5	2,303	Compressed Liquid
220	20	0,001169	925,9	949,3	2,487	Compressed Liquid
240	20	0,001205	1016	1040	2,667	Compressed Liquid
260	20	0,001246	1109	1133	2,846	Compressed Liquid
280	20	0,001296	1205	1231	3,025	Compressed Liquid
300	20	0,00136	1306	1333	3,207	Compressed Liquid

320	20	0,001444	1416	1445	3,398	Compressed Liquid
340	20	0,001568	1540	1571	3,607	Compressed Liquid
360	20	0,001823	1703	1739	3,877	Compressed Liquid
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
0	30	0,001091	-366,1	-333,4	-1,221	Saturated Solid
20	30	0,0009886	82,16	111,8	0,2898	Compressed Liquid
40	30	0,0009951	164	193,9	0,5606	Compressed Liquid
60	30	0,001004	246	276,2	0,8153	Compressed Liquid
80	30	0,001016	328,3	358,7	1,056	Compressed Liquid
100	30	0,001029	410,8	441,6	1,284	Compressed Liquid
120	30	0,001044	493,6	524,9	1,502	Compressed Liquid
140	30	0,001062	576,9	608,7	1,71	Compressed Liquid
160	30	0,001082	660,8	693,3	1,91	Compressed Liquid
180	30	0,001105	745,6	778,7	2,102	Compressed Liquid
200	30	0,00113	831,3	865,2	2,289	Compressed Liquid
220	30	0,001159	918,3	953,1	2,471	Compressed Liquid
240	30	0,001192	1007	1043	2,649	Compressed Liquid
260	30	0,00123	1097	1134	2,824	Compressed Liquid
280	30	0,001275	1191	1229	2,999	Compressed Liquid
300	30	0,00133	1288	1328	3,174	Compressed Liquid
320	30	0,0014	1391	1433	3,354	Compressed Liquid
340	30	0,001492	1502	1546	3,542	Compressed Liquid
360	30	0,001627	1627	1675	3,749	Compressed Liquid
380	30	0,001869	1781	1837	4,001	Dense Fluid (T>TC)
		Specific	Internal	Specific	Specific	
Temp	Pressure	Volume	Energy	Enthalpy	Entropy	Phase
C	MPa	m3/kg	kJ/kg	kJ/kg	kJ/kg/K	
0	50	0,001091	-388	-333,4	-1,221	Saturated Solid
20	50	0,0009804	80,98	130	0,2847	Compressed Liquid
40	50	0,0009872	161,8	211,2	0,5526	Compressed Liquid
60	50	0,0009962	243	292,8	0,8051	Compressed Liquid
80	50	0,001007	324,3	374,7	1,044	Compressed Liquid
100	50	0,00102	405,9	456,9	1,27	Compressed Liquid
120	50	0,001035	487,6	539,4	1,486	Compressed Liquid
140	50	0,001052	569,8	622,3	1,691	Compressed Liquid
160	50	0,00107	652,4	705,9	1,889	Compressed Liquid
180	50	0,001091	735,7	790,2	2,079	Compressed Liquid
200	50	0,001115	819,7	875,5	2,263	Compressed Liquid
220	50	0,001141	904,7	961,7	2,442	Compressed Liquid
240	50	0,00117	990,7	1049	2,616	Compressed Liquid
260	50	0,001203	1078	1138	2,786	Compressed Liquid
280	50	0,001242	1167	1229	2,954	Compressed Liquid
300	50	0,001286	1259	1323	3,12	Compressed Liquid
320	50	0,001339	1353	1420	3,287	Compressed Liquid
340	50	0,001403	1452	1522	3,456	Compressed Liquid
360	50	0,001484	1556	1630	3,629	Compressed Liquid
380	50	0,001588	1667	1747	3,81	Dense Fluid (T>TC)