

ΠΙΝΑΚΑΣ 1 - ΚΟΡΕΙΣΜΕΝΟ Η₂O (Α-4)

Θερμοκρασία	Πίεση κορεσμού	Ειδικός όγκος		Ειδική εσωτερική ενέργεια			Ειδική ενθαλπία			Ειδική εντροπία		
		Κορεσμένου υγρού	Κορεσμένου ατμού	Κορεσμένου υγρού	Εξατμ.	Κορεσμένου ατμού	Κορεσμένου υγρού	Εξατμ.	Κορεσμένου ατμού	Κορεσμένου υγρού	Εξατμ.	Κορεσμένου ατμού
T	P _{sat} @ T	v _f	v _g	u _f	u _{fg}	u _g	h _f	h _{fg}	h _g	s _f	s _{fg}	s _g
[°C]	[kPa]	[m ³ /kg]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]	[kJ/(kg·K)]	[kJ/(kg·K)]
0.01	0.6113	0.001000	206.14	0.00	2375.3	2375.3	0.00	2501.4	2501.4	0	9.1562	9.1562
5	0.8721	0.001000	147.12	20.97	2361.3	2382.3	20.98	2489.6	2510.6	0.0761	8.9496	9.0257
10	1.2276	0.001000	106.38	42.00	2347.2	2389.2	42.01	2477.8	2519.8	0.151	8.7498	8.9008
15	1.7051	0.001001	77.93	62.99	2333.1	2396.1	62.99	2465.9	2528.9	0.2245	8.5569	8.7814
20	2.3390	0.001002	57.79	83.95	2319.0	2402.9	83.96	2454.1	2538.1	0.2966	8.3706	8.6672
25	3.169	0.001003	43.36	104.88	2304.9	2409.8	104.89	2442.3	2547.2	0.3674	8.1906	8.5580
30	4.246	0.001004	32.89	125.78	2290.8	2416.6	125.79	2430.5	2556.3	0.4369	8.0164	8.4533
35	5.628	0.001006	25.22	146.67	2276.7	2423.4	146.68	2418.6	2565.3	0.5053	7.8478	8.3531
40	7.384	0.001008	19.52	167.56	2262.5	2430.1	167.57	2406.7	2574.3	0.5725	7.6845	8.2570
45	9.593	0.001010	15.26	188.44	2248.4	2436.8	188.45	2394.8	2583.2	0.6387	7.5261	8.1648
50	12.349	0.001012	12.03	209.32	2234.2	2443.5	209.33	2382.8	2592.1	0.7038	7.3725	8.0763
55	15.758	0.001015	9.568	230.21	2219.9	2450.1	230.23	2370.7	2600.9	0.7679	7.2234	7.9913
60	19.940	0.001017	7.671	251.11	2205.5	2456.6	251.13	2358.5	2609.6	0.8312	7.0784	7.9096
65	25.03	0.001020	6.197	272.02	2191.1	2463.1	272.06	2346.2	2618.3	0.8935	6.9375	7.8310
70	31.19	0.001023	5.042	292.95	2176.7	2469.6	292.98	2333.8	2626.8	0.9549	6.8004	7.7553
75	38.58	0.001026	4.131	313.90	2162.0	2475.9	313.93	2329.8	2634.7	1.0155	6.6669	7.6824
80	47.39	0.001029	3.407	334.86	2147.3	2482.2	334.91	2300.4	2635.3	1.0753	6.5369	7.6122
85	57.83	0.001033	2.828	355.84	2132.6	2488.4	355.90	2296.0	2651.9	1.1343	6.4102	7.5445
90	70.14	0.001036	2.361	376.85	2117.7	2494.5	376.92	2283.2	2660.1	1.1925	6.2866	7.4791
95	84.55	0.001040	1.982	397.88	2102.7	2500.6	397.96	2270.1	2668.1	1.2500	6.1659	7.4159

T	P _{sat} @ T	v _f	v _g	u _f	u _{fg}	u _g	h _f	h _{fg}	h _g	s _f	s _{fg}	s _g
[°C]	[MPa]	[m ³ /kg]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]	[kJ/(kg·K)]	[kJ/(kg·K)]
100	0.10135	0.001044	1.6729	418.94	2087.6	2506.5	419.04	2257.1	2676.1	1.3069	6.0480	7.3549
105	0.12082	0.001048	1.4194	440.02	2072.4	2512.4	440.15	2243.7	2683.8	1.3630	5.9328	7.2958
110	0.14327	0.001052	1.2102	461.14	2057.0	2518.1	461.30	2230.2	2691.5	1.4185	5.8202	7.2387
115	0.16906	0.001056	1.0366	482.30	2041.4	2523.7	482.48	2216.5	2699.0	1.4734	5.7099	7.1833
120	0.19853	0.001060	0.8919	503.50	2025.8	2529.3	503.71	2202.6	2706.3	1.5276	5.6020	7.1296
125	0.2321	0.001065	0.7706	524.74	2009.9	2534.6	524.99	2188.5	2713.5	1.5813	5.4962	7.0775
130	0.2701	0.001070	0.6685	546.02	1993.9	2539.9	546.31	2174.2	2720.5	1.6344	5.3925	7.0269
135	0.313	0.001075	0.5822	567.35	1977.7	2545.0	567.69	2159.6	2727.3	1.6870	5.2907	6.9777
140	0.3613	0.001080	0.5089	588.74	1961.3	2550.0	589.13	2144.8	2733.9	1.7391	5.1908	6.9299
145	0.4154	0.001085	0.4463	610.18	1944.7	2554.9	610.63	2129.7	2740.3	1.7907	5.0926	6.8833
150	0.4758	0.001091	0.3928	631.68	1927.8	2559.5	632.20	2114.3	2746.5	1.8418	4.9961	6.8379
155	0.5431	0.001096	0.3468	653.24	1910.9	2564.1	653.84	2098.6	2752.4	1.8925	4.9010	6.7935
160	0.6178	0.001102	0.3071	674.87	1893.5	2568.4	675.55	2082.6	2758.1	1.9427	4.8075	6.7502
165	0.7005	0.001108	0.2727	696.56	1875.9	2572.5	697.34	2066.2	2763.5	1.9925	4.7153	6.7078
170	0.7917	0.001114	0.2428	718.33	1858.2	2576.5	719.21	2049.5	2768.7	2.0419	4.6244	6.6663
175	0.8920	0.001121	0.2168	740.17	1840.0	2580.2	741.17	2032.4	2773.6	2.0909	4.5347	6.6256
180	1.0021	0.001127	0.19405	762.09	1821.6	2583.7	763.22	2015.0	2778.2	2.1396	4.4461	6.5857
185	1.1227	0.001134	0.17409	784.10	1802.9	2587.0	785.37	1997.0	2782.4	2.1879	4.3586	6.5465
190	1.2544	0.001141	0.15654	806.19	1783.8	2590.0	807.62	1978.8	2786.4	2.2359	4.2720	6.5079
195	1.3978	0.001149	0.14105	828.37	1764.4	2592.8	829.98	1960.0	2790.0	2.2835	4.1863	6.4698
200	1.5538	0.001157	0.12736	850.65	1744.7	2595.3	852.45	1940.8	2793.2	2.3309	4.1014	6.4323
205	1.7230	0.001164	0.11521	873.04	1724.5	2597.5	875.04	1921.0	2796.0	2.3780	4.0172	6.3952
210	1.9062	0.001173	0.10441	895.53	1704.0	2599.5	897.76	1900.7	2798.5	2.4248	3.9337	6.3585
215	2.104	0.001181	0.09479	918.14	1683.0	2601.1	920.62	1879.9	2800.5	2.4714	3.8507	6.3221
220	2.318	0.001190	0.08619	940.87	1661.5	2602.4	943.62	1858.5	2802.1	2.5178	3.7683	6.2861
225	2.548	0.001199	0.07849	963.73	1639.6	2603.3	966.78	1836.5	2803.3	2.5639	3.6864	6.2503
230	2.795	0.001209	0.07158	986.74	1617.2	2603.9	990.12	1813.9	2804.0	2.6099	3.6047	6.2146
235	3.060	0.001219	0.06537	1009.89	1594.2	2604.1	1013.62	1790.6	2804.2	2.6558	3.5233	6.1791
240	3.344	0.001229	0.05976	1033.21	1570.8	2604.0	1037.32	1766.5	2803.8	2.7015	3.4422	6.1437
245	3.648	0.001240	0.05471	1056.71	1546.7	2603.4	1061.23	1741.8	2803.0	2.7472	3.3611	6.1083
250	3.973	0.001251	0.05013	1080.39	1522.0	2602.4	1085.36	1716.1	2801.5	2.7927	3.2803	6.0730
255	4.319	0.001263	0.04598	1104.28	1496.6	2600.9	1109.73	1689.8	2799.5	2.8383	3.1992	6.0375
260	4.688	0.001276	0.04221	1128.39	1470.6	2599.0	1134.37	1662.5	2796.9	2.8838	3.1181	6.0019
265	5.081	0.001289	0.03877	1152.74	1443.9	2596.6	1159.28	1634.3	2793.6	2.9294	3.0368	5.9662
270	5.499	0.001302	0.03564	1177.36	1416.3	2593.7	1184.51	1605.2	2789.7	2.9751	2.9550	5.9301
275	5.942	0.001317	0.03279	1202.25	1388.0	2590.2	1210.07	1574.9	2785.0	3.0208	2.8730	5.8938
280	6.412	0.001332	0.03017	1227.46	1358.6	2586.1	1235.99	1543.6	2779.6	3.0668	2.7903	5.8571
285	6.909	0.001348	0.02777	1253.00	1328.4	2581.4	1262.31	1511.0	2773.3	3.1130	2.7069	5.8199
290	7.436	0.001366	0.02557	1278.92	1297.1	2576.0	1289.07	1477.1	2766.2	3.1594	2.6227	5.7821
295	7.993	0.001384	0.02354	1305.2	1264.7	2569.9	1316.3	1441.8	2758.1	3.2062	2.5375	5.7437
300	8.581	0.001404	0.02167	1332.0	1231.0	2563.0	1344.0	1405.0	2749.0	3.2534	2.4511	5.7045
305	9.202	0.001425	0.019948	1359.3	1195.9	2555.2	1372.4	1366.3	2738.7	3.3010	2.3633	5.6643
310	9.856	0.001447	0.018350	1387.1	1159.3	2546.4	1401.3	1326.0	2727.3	3.3493	2.2737	5.6230
315	10.547	0.001472	0.016867	1415.5	1121.1	2536.6	1431.0	1283.5	2714.5	3.3982	2.1822	5.5804
320	11.274	0.001499	0.015488	1444.6	1080.9	2525.5	1461.5	1238.6	2700.1	3.4480	2.0882	5.5362
330	12.845	0.001561	0.012996	1505.3	993.6	2498.9	1525.3	1140.6	2665.9	3.5507	1.8910	5.4417
340	14.586	0.001638	0.010797	1570.3	894.3	2464.6	1594.2	1027.8	2622.0	3.6594	1.6763	5.3357
350	16.513	0.001740	0.008813	1641.9	776.5	2418.4	1670.6	893.3	2563.9	3.7777	1.4335	5.2112
360	18.651	0.001893	0.006945	1725.2	626.3	2351.5	1760.5	720.5	2481.0	3.9147	1.1379	5.0526
370	21.03	0.002213	0.004925	1844.0	384.5	2228.5	1890.5	441.6	2332.1	4.1106	0.6865	4.7971
373.95	22.064	0.003106	0.003106	2015.7	0.00	2015.7	2084.3	0.00	2084.3	4.4070	0.0000	4.4070

ΠΙΝΑΚΑΣ ΑΤΜΟΥ 2 - ΚΟΡΕΣΜΕΝΟ Η₂O (A-5)

Πίεση	Θερμοκρασία κορεσμού	Ειδικός όγκος		Ειδική εσωτερική ενέργεια			Ειδική ενθαλπία			Ειδική εντροπία		
		Κορεσμένου υγρού	Κορεσμένου ατμού	Κορεσμένου υγρού	Εξατμ.	Κορεσμένου ατμού	Κορεσμένου υγρού	Εξατμ.	Κορεσμένου ατμού	Κορεσμένου υγρού	Εξατμ.	Κορεσμένου ατμού
P	T _{sat@P}	v _f	v _g	u _f	u _{fg}	u _g	h _f	h _{fg}	h _g	s _f	s _{fg}	s _g
[kPa]	[°C]	[m ³ /kg]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]	[kJ/(kg·K)]	[kJ/(kg·K)]
1.0	6.97	0.001000	129.21	29.30	2355.70	2385.0	29.30	2484.90	2514.2	0.1059	8.8697	8.9756
1.5	13.02	0.001001	87.98	54.71	2338.59	2393.3	54.71	2470.59	2525.3	0.1957	8.6322	8.8279
2.0	17.50	0.001001	67.00	73.48	2326.02	2399.5	73.48	2460.02	2533.5	0.2607	8.4630	8.7237
2.5	21.08	0.001002	54.25	88.48	2315.92	2404.4	88.49	2451.51	2540.0	0.3120	8.3312	8.6432
3.0	24.08	0.001003	45.67	101.04	2307.46	2408.5	101.05	2444.45	2545.5	0.3545	8.2231	8.5776
4.0	28.96	0.001004	34.80	121.45	2293.75	2415.2	121.46	2432.94	2554.4	0.4226	8.0520	8.4746
5.0	32.87	0.001005	28.19	137.81	2282.69	2420.5	137.82	2423.68	2561.5	0.4764	7.9187	8.3951
7.5	40.29	0.001008	19.24	168.78	2261.72	2430.5	168.79	2406.01	2574.8	0.5764	7.6751	8.2515
10.0	45.81	0.001010	14.67	191.82	2246.08	2437.9	191.83	2392.87	2584.7	0.6493	7.5009	8.1502
15.0	53.97	0.001014	10.02	225.92	2222.78	2448.7	225.94	2373.16	2599.1	0.7549	7.2536	8.0085
20.0	60.06	0.001017	7.649	251.38	2205.32	2456.7	251.40	2358.30	2609.7	0.8320	7.0765	7.9085
25.0	64.96	0.001020	6.204	271.90	2191.20	2463.1	271.93	2346.27	2618.2	0.8931	6.9383	7.8314
30.0	69.09	0.001022	5.229	289.20	2179.20	2468.4	289.23	2336.07	2625.3	0.9439	6.8247	7.7686
40.0	75.86	0.001027	3.993	317.53	2159.47	2477.0	317.58	2319.22	2636.8	1.0259	6.6441	7.6700
50.0	81.32	0.001030	3.240	340.44	2143.46	2483.9	340.49	2305.41	2645.9	1.0910	6.5029	7.5939
75.0	91.76	0.001037	2.217	384.31	2112.39	2496.7	384.39	2278.61	2663.0	1.2130	6.2434	7.4564

P	T _{sat@P}	v _f	v _g	u _f	u _{fg}	u _g	h _f	h _{fg}	h _g	s _f	s _{fg}	s _g
[MPa]	[°C]	[m ³ /kg]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]	[kJ/(kg·K)]	[kJ/(kg·K)]
0.100	99.61	0.001043	1.69400	417.36	2088.74	2506.1	417.46	2258.04	2675.5	1.3026	6.0568	7.3594
0.125	105.97	0.001048	1.37490	444.19	2069.31	2513.5	444.32	2241.08	2685.4	1.3740	5.9104	7.2844
0.150	111.35	0.001053	1.15930	466.94	2052.76	2519.7	467.11	2226.49	2693.6	1.4336	5.7897	7.2233
0.175	116.04	0.001057	1.00360	486.80	2038.10	2524.9	486.99	2213.61	2700.6	1.4849	5.6868	7.1717
0.200	120.21	0.001061	0.88570	504.49	2025.01	2529.5	504.70	2202.00	2706.7	1.5301	5.5970	7.1271
0.225	123.97	0.001064	0.79330	520.47	2013.13	2533.6	520.72	2191.38	2712.1	1.5706	5.5172	7.0878
0.250	127.41	0.001067	0.71870	535.10	2002.10	2537.2	535.37	2181.53	2716.9	1.6072	5.4455	7.0527
0.275	130.58	0.001070	0.65730	548.59	1991.91	2540.5	548.89	2172.41	2721.3	1.6408	5.3801	7.0209
0.300	133.52	0.001073	0.60580	561.15	1982.45	2543.6	561.47	2163.83	2725.3	1.6718	5.3201	6.9919
0.325	136.27	0.001076	0.56200	572.90	1973.50	2546.4	573.25	2155.75	2729.0	1.7006	5.2646	6.9652
0.350	138.86	0.001079	0.52430	583.95	1964.95	2548.9	584.33	2148.07	2732.4	1.7275	5.2130	6.9405
0.375	141.30	0.001081	0.49140	594.40	1956.90	2551.3	594.81	2140.79	2735.6	1.7528	5.1647	6.9175
0.40	143.61	0.001084	0.46250	604.31	1949.29	2553.6	604.74	2133.86	2738.6	1.7766	5.1193	6.8959
0.45	147.90	0.001088	0.41400	622.77	1934.83	2557.6	623.25	2120.65	2743.9	1.8207	5.0358	6.8565
0.50	151.83	0.001093	0.37490	639.68	1921.52	2561.2	640.23	2108.47	2748.7	1.8607	4.9606	6.8213
0.55	155.46	0.001097	0.34270	655.32	1909.18	2564.5	665.93	2087.07	2753.0	1.8973	4.8920	6.7893
0.60	158.83	0.001101	0.31570	669.90	1897.50	2567.4	670.56	2086.24	2756.8	1.9312	4.8288	6.7600
0.65	161.98	0.001104	0.29270	683.56	1886.54	2570.1	684.28	2076.02	2760.3	1.9627	4.7704	6.7331
0.70	164.95	0.001108	0.27290	696.44	1876.06	2572.5	697.22	2066.28	2763.5	1.9922	4.7158	6.7080
0.75	167.75	0.001112	0.25560	708.64	1866.06	2574.7	709.47	2056.93	2766.4	2.0200	4.6647	6.6847
0.80	170.41	0.001115	0.24040	720.22	1856.58	2576.8	721.11	2047.99	2769.1	2.0462	4.6166	6.6628
0.85	172.94	0.001118	0.22700	731.27	1847.43	2578.7	732.22	2039.38	2771.6	2.0710	4.5711	6.6421
0.90	175.35	0.001121	0.21500	741.83	1838.67	2580.5	742.83	2031.07	2773.9	2.0946	4.5280	6.6226
0.95	177.66	0.001124	0.20420	751.95	1830.15	2582.1	753.02	2023.08	2776.1	2.1172	4.4869	6.6041
1.00	179.88	0.001127	0.19444	761.68	1821.92	2583.6	762.81	2015.29	2778.1	2.1387	4.4478	6.5865
1.10	184.06	0.001133	0.17753	780.09	1806.31	2586.4	781.34	2090.36	2871.7	2.1792	4.3744	6.5536
1.20	187.96	0.001139	0.16333	797.29	1791.51	2588.8	798.65	1986.15	2784.8	2.2166	4.3067	6.5233
1.30	191.60	0.001144	0.15125	813.44	1777.56	2591.0	814.93	1972.67	2787.6	2.2515	4.2438	6.4953
1.40	195.04	0.001149	0.14084	828.70	1764.10	2592.8	830.30	1959.70	2790.0	2.2842	4.1851	6.4693
1.50	198.32	0.001154	0.13177	843.16	1751.34	2594.5	844.89	1947.31	2792.2	2.3150	4.1298	6.4448
1.75	205.72	0.001166	0.11349	876.46	1721.34	2597.8	878.50	1917.90	2796.4	2.3851	4.0045	6.3896
2.00	212.38	0.001177	0.09963	906.44	1693.86	2600.3	908.79	1890.71	2799.5	2.4474	3.8935	6.3409
2.25	218.41	0.001187	0.08875	933.83	1668.17	2602.0	936.49	1865.21	2801.7	2.5035	3.7937	6.2972
2.5	223.95	0.001197	0.07998	959.11	1643.99	2603.1	962.11	1840.99	2803.1	2.5547	3.7028	6.2575
3.0	233.85	0.001217	0.06668	1004.78	1599.32	2604.1	1008.42	1795.78	2804.2	2.6457	3.5412	6.1869
3.5	242.56	0.001235	0.05707	1045.43	1558.27	2603.7	1049.75	1753.65	2803.4	2.7253	3.4000	6.1253
4	250.35	0.001252	0.04978	1082.31	1519.99	2602.3	1087.31	1714.09	2801.4	2.7964	3.2737	6.0701
5	263.94	0.001286	0.03944	1147.81	1449.29	2597.1	1154.23	1640.07	2794.3	2.9202	3.0532	5.9734
6	275.59	0.001319	0.03244	1205.44	1384.26	2589.7	1213.35	1570.95	2784.3	3.0267	2.8625	5.8892
7	285.83	0.001351	0.02737	1257.55	1322.95	2580.5	1267.00	1505.10	2772.1	3.1211	2.6922	5.8133
8	295.01	0.001384	0.02352	1305.57	1264.23	2569.8	1316.64	1441.36	2758.0	3.2068	2.5364	5.7432
9	303.35	0.001418	0.02048	1350.51	1207.29	2557.8	1363.26	1378.84	2742.1	3.2858	2.3864	5.6722
10	311.00	0.001452	0.018026	1393.04	1151.36	2544.4	1407.56	1317.14	2724.7	3.3596	2.2545	5.6141
11	318.08	0.001489	0.015987	1433.7	1096.10	2529.8	1450.1	1255.50	2705.6	3.4295	2.1232	5.5527
12	324.68	0.001527	0.014263	1473.0	1040.70	2513.7	1491.3	1193.60	2684.9	3.4962	1.9962	5.4924
13	330.85	0.001567	0.012780	1511.1	985.00	2496.1	1531.5	1130.70	2662.2	3.5606	1.8717	5.4323
14	336.67	0.001611	0.011485	1548.6	928.20	2476.8	1571.1	1066.50	2637.6	3.6232	1.7485	5.3717
15	342.16	0.001658	0.010337	1585.6	869.90	2455.5	1610.5	1000.00	2610.5	3.6848	1.6250	5.3098
16	347.36	0.001711	0.009306	1622.7	809.00	2431.7	1650.1	930.50	2580.6	3.7461	1.4994	5.2455
17	352.29	0.001770	0.008364	1660.2	744.80	2405.0	1690.3	856.90	2547.2	3.8079	1.3698	5.1777
18	356.99	0.001840	0.007489	1698.9	675.40	2374.3	1732.0	777.10	2509.1	3.8715	1.2329	5.1044
19	361.47	0.001924	0.006657	1739.9	598.20	2338.1	1776.5	688.00	2464.5	3.9388	1.0840	5.0228
20	365.75	0.002036	0.005834	1785.6	507.40	2293.0	1826.3	583.40	2409.7	4.0139	0.9130	4.9269
21	369.83	0.002207	0.004952	1842.1	388.50	2230.6	1888.4	446.20	2334.6	4.1075	0.6938	4.8013
22	373.71	0.002742	0.003568	1961.9	125.20	2087.1	2022.2	143.40	2165.6	4.3110	0.2217	4.5327
22.064	373.95	0.003106	0.003106	2015.7	0.00	2015.7	2084.3	0.00	2084.3	4.4070	0.0000	4.4070

ΠΙΝΑΚΑΣ 3 - ΥΠΕΡΘΕΡΜΟΣ ΥΔΡΑΤΜΟΣ H₂O (A-6)

T	P = 0,01 MPa (45,81°C)				P = 0,05 MPa (81,33°C)				P = 0,10 MPa (99,63°C)			
	v	u	h	s	v	u	h	s	v	u	h	s
[°C]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]
Kop.	14.674	2437.9	2584.7	8.1502	3.24	2483.9	2645.9	7.5939	1.6940	2506.1	2675.5	7.3594
50	14.869	2443.9	2592.6	8.1749								
100	17.196	2515.5	2687.5	8.4479	3.418	2511.6	2682.5	7.6947	1.6958	2506.7	2676.2	7.3614
150	19.512	2587.9	2783.0	8.6882	3.889	2585.6	2780.1	7.9401	1.9364	2582.8	2776.4	7.6143
200	21.825	2661.3	2879.5	8.9038	4.356	2659.9	2877.7	8.1580	2.172	2658.1	2875.3	7.8343
250	24.136	2736.0	2977.3	9.1002	4.820	2735	2976.0	8.3556	2.406	2733.7	2974.3	8.0333
300	26.445	2812.1	3076.5	9.2813	5.284	2811.3	3075.5	8.5373	2.639	2810.4	3074.3	8.2158
400	31.063	2968.9	3279.6	9.6077	6.209	2968.5	3278.9	8.8642	3.103	2967.9	3278.2	8.5435
500	35.679	3132.3	3489.1	9.8978	7.134	3132	3488.7	9.1546	3.565	3131.6	3488.1	8.8342
600	40.295	3302.5	3705.4	10.1608	8.057	3302.2	3705.1	9.4178	4.028	3301.9	3704.4	9.0976
700	44.911	3479.6	3928.7	10.4028	8.981	3479.4	3928.5	9.6599	4.490	3479.2	3928.2	9.3398
800	49.526	3663.8	4159.0	10.6281	9.904	3663.6	4158.9	9.8852	4.952	3663.5	4158.6	9.5652
900	54.141	3855.0	4396.4	10.8396	10.828	3854.9	4396.3	10.0967	5.414	3854.8	4396.1	9.7767
1000	58.757	4053.0	4640.6	11.0393	11.751	4052.9	4640.5	10.2964	5.875	4052.8	4640.3	9.9764
1100	63.372	4257.5	4891.2	11.2287	12.674	4257.4	4891.1	10.4859	6.337	4257.3	4891.0	10.1659
1200	67.987	4467.9	5147.8	11.4091	13.597	4467.8	5147.7	10.6662	6.799	4467.7	5147.6	10.3463
1300	72.602	4683.7	5409.7	11.5811	14.521	4683.6	5409.6	10.8382	7.260	4683.5	5409.5	10.5183

T	P = 0,20 MPa (120,23°C)				P = 0,30 MPa (133,55°C)				P = 0,40 MPa (143,63°C)			
	v	u	h	s	v	u	h	s	v	u	h	s
[°C]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]
Kop.	0.8857	2529.5	2706.7	7.1272	0.6058	2543.6	2725.3	6.9919	0.4625	2553.6	2738.6	6.8959
150	0.9596	2576.9	2768.8	7.2795	0.6339	2570.8	2761.0	7.0778	0.4708	2564.5	2752.8	6.9299
200	1.0803	2654.4	2870.5	7.5066	0.7163	2650.7	2865.6	7.3115	0.5342	2646.8	2860.5	7.1706
250	1.1988	2731.2	2971.0	7.7086	0.7964	2728.7	2967.6	7.5166	0.5951	2726.1	2964.2	7.3789
300	1.3162	2808.6	3071.8	7.8926	0.8753	2806.7	3069.3	7.7022	0.6548	2804.8	3066.8	7.5662
400	1.5493	2966.7	3276.6	8.2218	1.0315	2965.6	3275.0	8.0330	0.7726	2964.4	3273.4	7.8985
500	1.7814	3130.8	3487.1	8.5133	1.1867	3130.0	3486.0	8.3251	0.8893	3129.2	3484.9	8.1913
600	2.013	3301.4	3704.0	8.7770	1.3414	3300.8	3703.2	8.5892	1.0055	3300.2	3702.4	8.4558
700	2.244	3478.8	3927.6	9.0194	1.4957	3478.4	3927.1	8.8319	1.1215	3477.9	3926.5	8.6987
800	2.475	3663.1	4158.2	9.2449	1.6499	3662.9	4157.8	9.0576	1.2372	3662.4	4157.3	8.9244
900	2.705	3854.5	4395.8	9.4566	1.8041	3854.2	4395.4	9.2692	1.3529	3853.9	4395.1	9.1362
1000	2.937	4052.5	4640.0	9.6563	1.9581	4052.3	4639.7	9.4690	1.4685	4052.0	4639.4	9.3360
1100	3.168	4257.0	4890.7	9.8458	2.1121	4256.8	4890.4	9.6585	0.1584	4256.5	4890.2	9.5256
1200	3.399	4467.5	5147.5	10.0262	2.2661	4467.2	5147.1	9.8389	1.6996	4467.0	5146.8	9.7060
1300	3.630	4683.2	5409.3	10.1982	2.4201	4683.0	5409.0	10.0110	1.8151	4682.8	5408.8	9.8780

T	P = 0,50 MPa (151,86°C)				P = 0,60 MPa (158,85°C)				P = 0,80 MPa (170,43°C)			
	v	u	h	s	v	u	h	s	v	u	h	s
[°C]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]
Kop.	0.3749	2561.2	2748.7	6.8213	0.3175	2567.4	2756.8	6.7600	0.2404	2576.8	2769.1	6.6628
200	0.4249	2642.9	2855.4	7.0592	0.3520	2638.9	2850.1	6.9665	0.2608	2630.6	2839.3	6.8158
250	0.4744	2723.5	2960.7	7.2709	0.3938	2720.9	2957.2	7.1816	0.2931	2715.5	2950.0	7.0384
300	0.5226	2802.9	3064.2	7.4599	0.4344	2801.0	3061.6	7.3724	0.3241	2797.2	3056.5	7.2328
350	0.5701	2882.6	3167.7	7.6329	0.4742	2881.2	3165.7	7.5464	0.3544	2878.2	3161.7	7.4089
400	0.6173	2963.2	3271.9	7.7938	0.5137	2962.1	3270.3	7.7079	0.3843	2959.7	3267.1	7.5716
500	0.7109	3128.4	3483.9	8.0873	0.5920	3127.6	3482.8	8.0021	0.4433	3126.0	3480.6	7.8673
600	0.8041	3299.6	3701.7	8.3522	0.6697	3299.1	3700.9	8.2674	0.5018	3297.9	3699.4	8.1333
700	0.8969	3477.5	3925.9	8.5952	0.7472	3477.0	3925.3	8.5107	0.5601	3476.2	3924.2	8.3770
800	0.9896	3662.1	4156.9	8.8211	0.8245	3661.8	4156.6	8.7367	0.6181	3661.1	4155.6	8.6033
900	1.0822	3853.6	4394.7	9.0329	0.9017	3853.4	4394.4	8.9486	0.6761	3852.8	4393.7	8.8153
1000	1.1747	4051.8	4639.1	9.2328	0.9788	4051.5	4638.8	9.1485	0.7340	4051.0	4638.2	9.0153
1100	1.2672	4256.3	4889.9	9.4224	1.0559	4256.1	4889.6	9.3381	0.7919	4255.6	4889.1	9.2050
1200	1.3956	4466.8	5146.6	9.6029	1.1330	4466.5	5146.3	9.5185	0.8497	4466.1	5145.9	9.3855
1300	1.4521	4682.5	5408.6	9.7749	1.2101	4682.3	5408.3	9.6906	0.9076	4681.8	5407.9	9.5575

T	P = 1,00 MPa (179,91°C)				P = 1,20 MPa (187,99°C)				P = 1,40 MPa (195,07°C)			
	v	u	h	s	v	u	h	s	v	u	h	s
[°C]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]	[m ³ /kg]	[kJ/kg]	[kJ/kg]	[kJ/(kg·K)]
Kop.	0.19444	2583.6	2778.1	6.5865	0.16333	2588.8	2784.4	6.5233	0.14084	2592.8	2790	6.4693
200	0.2060	2621.9	2827.9	6.6940	0.16930	2612.8	2815.9	6.5898	0.14302	2603.1	2803.3	6.4975
250	0.2327	2709.9	2942.6	6.9247	0.19234	2704.2	2935.0	6.8294	0.16350	2698.3	2927.2	6.7467
300	0.2579	2793.2	3051.2	7.1229	0.2138	2789.2	3045.8	7.0317	0.18228	2785.2	3040.4	6.9534
350	0.2825	2875.2	3157.7	7.3011	0.2345	2872.2	3153.6	7.2121	0.2003	2869.2	3149.5	7.1360
400	0.3066	2957.3	3263.9	7.4651	0.2548	2954.9	3260.7	7.3774	0.2178	2952.5	3257.5	7.3026
500	0.3541	3124.4	3478.5	7.7622	0.2946	3122.8	3476.3	7.6759	0.2521	3121.1	3474.1	7.6027
600	0.4011	3296.8	3697.9	8.0290	0.3339	3295.6	3696.3	7.9435	0.2860	3294.4	3694.8	7.8710
700	0.4478	3475.3	3923.1	8.2731	0.3729	3474.4	3922.0	8.1881	0.3195	3473.6	3920.8	8.1160
800	0.4943	3660.4	4154.7	8.4996	0.4118	3659.7	4153.8	8.4148	0.3528	3659.0	4153.0	8.3431
900	0.5407	3852.2	4392.9	8.7118	0.4505	3851.6	4392.2	8.6272	0.3861	3851.1	4391.5	8.5556
1000	0.5871	4050.5	4637.6	8.9119	0.4892	4050.0	4637.0	8.8274	0.4192	4049.5	4636.4	8.7559
1100	0.6335	4255.1	4888.6	9.1017	0.5278	4254.6	4888.0	9.0172	0.4524	4254.1	4887.5	8.9457
1200	0.6798	4465.6	5145.4	9.2822	0.5665	4465.1	5144.9	9.1977	0.4855	4464.7	5144.4	9.1262
1300	0.7261	4681.3	5407.4	9.4543	0.6051	4680.9	5407.0	9.3698	0.5186	4680.4	5406.5	9.2984