

Dampftabelle nach Standard IAPWS-IF97

ps Druck (abs) bar	ts Dampftemp.	v Spez. Voumen m3/kg	s Wärmeinhalt kJ/kg	s' kcal/kg	h Verdampfungswärme kJ/kg	h' kcal/kg	Dichte kg/m3	Volumen m3/kg
0.01	7.0	129.18330	29.30	6.9975	2484.38	593.39	0.01	129.2
0.02	17.5	66.98963	73.43	17.5391	2459.48	587.44	0.01	67.0
0.03	24.1	45.65503	100.99	24.1204	2443.89	583.71	0.02	45.7
0.04	29.0	34.79247	121.40	28.9958	2432.31	580.95	0.03	34.8
0.05	32.9	28.18631	137.76	32.9034	2423.01	578.72	0.04	28.2
0.06	36.2	23.73422	151.49	36.1823	2415.18	576.86	0.04	23.7
0.07	39.0	20.52516	163.36	39.0175	2408.40	575.24	0.05	20.5
0.08	41.5	18.09944	173.84	41.5219	2402.39	573.80	0.06	18.1
0.09	43.8	16.19973	183.25	43.7693	2397.00	572.51	0.06	16.2
0.10	45.8	14.67056	191.80	45.8112	2392.08	571.34	0.07	14.7
0.20	60.1	7.64815	251.38	60.0409	2357.57	563.10	0.13	7.6
0.30	69.1	5.22856	289.20	69.0738	2335.35	557.79	0.19	5.2
0.40	75.9	3.99311	317.53	75.8396	2318.53	553.77	0.25	4.0
0.50	81.3	3.24015	340.42	81.3090	2304.79	550.49	0.31	3.2
0.60	85.9	2.73183	359.77	85.9307	2293.08	547.69	0.37	2.7
0.70	89.9	2.36490	376.61	89.9512	2282.81	545.24	0.42	2.4
0.80	93.5	2.08719	391.56	93.5215	2273.62	543.05	0.48	2.1
0.90	96.7	1.86946	405.03	96.7407	2265.28	541.05	0.53	1.9
1.00	99.6	1.69402	417.33	99.6781	2257.62	539.22	0.59	1.7
1.10	102.3	1.54955	428.66	102.3836	2250.52	537.53	0.65	1.5
1.20	104.8	1.42845	439.17	104.8948	2243.88	535.94	0.70	1.4
1.30	107.1	1.32541	449.00	107.2407	2237.65	534.45	0.75	1.3
1.40	109.3	1.23665	458.22	109.4438	2231.77	533.05	0.81	1.2
1.50	111.4	1.15936	466.92	111.5226	2226.19	531.72	0.86	1.2
1.60	113.3	1.09143	475.17	113.4918	2220.88	530.45	0.92	1.1
1.70	115.1	1.03124	483.00	115.3637	2215.80	529.24	0.97	1.0
1.80	116.9	0.97753	490.48	117.1487	2210.94	528.07	1.02	1.0
1.90	118.6	0.92930	497.62	118.8553	2206.27	526.96	1.08	0.9
2.00	120.2	0.88574	504.47	120.4910	2201.77	525.88	1.13	0.9
2.10	121.8	0.84619	511.05	122.0622	2197.43	524.85	1.18	0.8
2.20	123.3	0.81012	517.38	123.5744	2193.24	523.85	1.23	0.8
2.30	124.7	0.77709	523.49	125.0324	2189.18	522.88	1.29	0.8
2.40	126.1	0.74672	529.38	126.4405	2185.24	521.94	1.34	0.7
2.50	127.4	0.71870	535.08	127.8025	2181.42	521.02	1.39	0.7
2.60	128.7	0.69276	540.61	129.1215	2177.70	520.13	1.44	0.7
2.70	130.0	0.66869	545.96	130.4007	2174.08	519.27	1.50	0.7
2.80	131.2	0.64627	551.16	131.6427	2170.56	518.43	1.55	0.6
2.90	132.4	0.62536	556.22	132.8499	2167.12	517.61	1.60	0.6
3.00	133.5	0.60579	561.13	134.0244	2163.76	516.80	1.65	0.6
3.10	134.6	0.58744	565.92	135.1683	2160.48	516.02	1.70	0.6
3.20	135.7	0.57020	570.59	136.2832	2157.27	515.25	1.75	0.6
3.30	136.8	0.55397	575.14	137.3709	2154.12	514.50	1.81	0.6
3.40	137.8	0.53866	579.59	138.4327	2151.05	513.77	1.86	0.5
3.50	138.9	0.52420	583.93	139.4702	2148.03	513.05	1.91	0.5
3.60	139.9	0.51051	588.18	140.4845	2145.07	512.34	1.96	0.5
3.70	140.8	0.49754	592.34	141.4768	2142.17	511.65	2.01	0.5
3.80	141.8	0.48523	596.40	142.4482	2139.32	510.97	2.06	0.5
3.90	142.7	0.47353	600.39	143.3997	2136.52	510.30	2.11	0.5
4.00	143.6	0.46239	604.29	144.3322	2133.77	509.64	2.16	0.5
4.10	144.5	0.45178	608.12	145.2465	2131.06	508.99	2.21	0.5

ps	ts	v	s	s'	h	h'	Dichte	Volumen
Druck (abs)	Dampftemp.	Spez. Voumen	Wärmeinhalt		Verdampfungswärme		kg/m3	m3/kg
bar		m3/kg	kJ/kg	kcal/kg	kJ/kg	kcal/kg		
4.20	145.4	0.44166	611.87	146.1435	2128.40	508.36	2.26	0.4
4.30	146.2	0.43199	615.56	147.0239	2125.78	507.73	2.31	0.4
4.40	147.1	0.42275	619.18	147.8884	2123.19	507.12	2.37	0.4
4.50	147.9	0.41390	622.73	148.7376	2120.65	506.51	2.42	0.4
4.60	148.7	0.40543	626.23	149.5722	2118.15	505.91	2.47	0.4
4.70	149.5	0.39730	629.66	150.3927	2115.68	505.32	2.52	0.4
4.80	150.3	0.38950	633.04	151.1997	2113.24	504.74	2.57	0.4
4.90	151.1	0.38201	636.37	151.9937	2110.84	504.17	2.62	0.4
5.00	151.8	0.37480	639.64	152.7752	2108.47	503.60	2.67	0.4
5.10	152.6	0.36787	642.86	153.5445	2106.13	503.04	2.72	0.4
5.20	153.3	0.36120	646.03	154.3022	2103.82	502.49	2.77	0.4
5.30	154.0	0.35477	649.16	155.0487	2101.54	501.94	2.82	0.4
5.40	154.8	0.34857	652.24	155.7843	2099.28	501.41	2.87	0.3
5.50	155.5	0.34259	655.27	156.5094	2097.06	500.87	2.92	0.3
5.60	156.2	0.33682	658.27	157.2243	2094.86	500.35	2.97	0.3
5.70	156.8	0.33124	661.22	157.9294	2092.68	499.83	3.02	0.3
5.80	157.5	0.32584	664.13	158.6250	2090.53	499.31	3.07	0.3
5.90	158.2	0.32062	667.00	159.3113	2088.40	498.81	3.12	0.3
6.00	158.8	0.31558	669.84	159.9887	2086.30	498.30	3.17	0.3
6.10	159.5	0.31069	672.64	160.6575	2084.22	497.81	3.22	0.3
6.20	160.1	0.30595	675.41	161.3178	2082.16	497.31	3.27	0.3
6.30	160.7	0.30136	678.14	161.9699	2080.12	496.83	3.32	0.3
6.40	161.4	0.29690	680.83	162.6141	2078.10	496.34	3.37	0.3
6.50	162.0	0.29258	683.50	163.2506	2076.10	495.87	3.42	0.3
6.60	162.6	0.28839	686.13	163.8796	2074.12	495.39	3.47	0.3
6.70	163.2	0.28431	688.73	164.5013	2072.16	494.93	3.52	0.3
6.80	163.8	0.28035	691.31	165.1159	2070.21	494.46	3.57	0.3
6.90	164.4	0.27651	693.85	165.7236	2068.29	494.00	3.62	0.3
7.00	165.0	0.27276	696.37	166.3246	2066.38	493.55	3.67	0.3
7.10	165.5	0.26912	698.86	166.9190	2064.49	493.10	3.72	0.3
7.20	166.1	0.26558	701.32	167.5070	2062.62	492.65	3.77	0.3
7.30	166.7	0.26213	703.75	168.0888	2060.76	492.20	3.81	0.3
7.40	167.2	0.25877	706.16	168.6645	2058.92	491.76	3.86	0.3
7.50	167.8	0.25550	708.55	169.2343	2057.09	491.33	3.91	0.3
7.60	168.3	0.25231	710.91	169.7983	2055.28	490.89	3.96	0.3
7.70	168.8	0.24920	713.25	170.3567	2053.48	490.47	4.01	0.2
7.80	169.4	0.24617	715.56	170.9095	2051.70	490.04	4.06	0.2
7.90	169.9	0.24321	717.86	171.4570	2049.93	489.62	4.11	0.2
8.00	170.4	0.24033	720.13	171.9991	2048.18	489.20	4.16	0.2
8.10	170.9	0.23751	722.37	172.5362	2046.44	488.78	4.21	0.2
8.20	171.4	0.23476	724.60	173.0682	2044.71	488.37	4.26	0.2
8.30	171.9	0.23207	726.81	173.5953	2042.99	487.96	4.31	0.2
8.40	172.4	0.22944	729.00	174.1176	2041.29	487.55	4.36	0.2
8.50	172.9	0.22688	731.16	174.6351	2039.60	487.15	4.41	0.2
8.60	173.4	0.22437	733.31	175.1481	2037.92	486.75	4.46	0.2
8.70	173.9	0.22192	735.44	175.6565	2036.25	486.35	4.51	0.2
8.80	174.4	0.21952	737.55	176.1606	2034.60	485.96	4.56	0.2
8.90	174.9	0.21717	739.64	176.6603	2032.95	485.56	4.60	0.2
9.00	175.4	0.21487	741.72	177.1557	2031.32	485.17	4.65	0.2
9.10	175.8	0.21263	743.77	177.6470	2029.70	484.79	4.70	0.2
9.20	176.3	0.21042	745.81	178.1342	2028.09	484.40	4.75	0.2
9.30	176.8	0.20827	747.84	178.6175	2026.49	484.02	4.80	0.2
9.40	177.2	0.20616	749.84	179.0968	2024.90	483.64	4.85	0.2

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bar		m3/kg	kJ/kg	kcal/kg	kJ/kg	kcal/kg		
9.50	177.7	0.20409	751.83	179.5722	2023.32	483.26	4.90	0.2
9.60	178.1	0.20206	753.81	180.0439	2021.75	482.89	4.95	0.2
9.70	178.6	0.20008	755.77	180.5119	2020.19	482.51	5.00	0.2
9.80	179.0	0.19813	757.71	180.9763	2018.64	482.14	5.05	0.2
9.90	179.4	0.19622	759.64	181.4371	2017.10	481.78	5.10	0.2
10.00	179.9	0.19435	761.56	181.8944	2015.56	481.41	5.15	0.2
10.10	180.3	0.19251	763.46	182.3483	2014.04	481.05	5.19	0.2
10.20	180.7	0.19071	765.34	182.7988	2012.53	480.68	5.24	0.2
10.30	181.2	0.18894	767.21	183.2460	2011.02	480.32	5.29	0.2
10.40	181.6	0.18721	769.07	183.6899	2009.52	479.97	5.34	0.2
10.50	182.0	0.18550	770.92	184.1307	2008.04	479.61	5.39	0.2
10.60	182.4	0.18383	772.75	184.5683	2006.56	479.26	5.44	0.2
10.70	182.8	0.18219	774.57	185.0027	2005.08	478.91	5.49	0.2
10.80	183.3	0.18058	776.38	185.4342	2003.62	478.56	5.54	0.2
10.90	183.7	0.17899	778.17	185.8627	2002.16	478.21	5.59	0.2
11.00	184.1	0.17744	779.95	186.2882	2000.72	477.86	5.64	0.2
11.10	184.5	0.17591	781.72	186.7108	1999.28	477.52	5.68	0.2
11.20	184.9	0.17440	783.48	187.1306	1997.84	477.18	5.73	0.2
11.30	185.3	0.17293	785.22	187.5476	1996.42	476.84	5.78	0.2
11.40	185.7	0.17147	786.96	187.9619	1995.00	476.50	5.83	0.2
11.50	186.1	0.17005	788.68	188.3734	1993.59	476.16	5.88	0.2
11.60	186.4	0.16864	790.39	188.7823	1992.18	475.82	5.93	0.2
11.70	186.8	0.16726	792.09	189.1885	1990.79	475.49	5.98	0.2
11.80	187.2	0.16590	793.78	189.5922	1989.40	475.16	6.03	0.2
11.90	187.6	0.16456	795.46	189.9933	1988.01	474.83	6.08	0.2
12.00	188.0	0.16325	797.13	190.3919	1986.64	474.50	6.13	0.2
12.50	189.8	0.15698	805.32	192.3485	1979.85	472.88	6.37	0.2
13.00	191.6	0.15117	813.28	194.2478	1973.22	471.29	6.61	0.2
13.50	193.4	0.14579	821.00	196.0936	1966.73	469.74	6.86	0.1
14.00	195.0	0.14077	828.52	197.8895	1960.37	468.23	7.10	0.1
14.50	196.7	0.13608	835.85	199.6386	1954.14	466.74	7.35	0.1
15.00	198.3	0.13170	842.99	201.3438	1948.02	465.28	7.59	0.1
15.50	199.9	0.12759	849.95	203.0077	1942.02	463.84	7.84	0.1
16.00	201.4	0.12373	856.76	204.6327	1936.12	462.44	8.08	0.1
16.50	202.9	0.12010	863.41	206.2210	1930.33	461.05	8.33	0.1
17.00	204.3	0.11667	869.91	207.7745	1924.62	459.69	8.57	0.1
17.50	205.7	0.11343	876.28	209.2951	1919.00	458.35	8.82	0.1
18.00	207.1	0.11036	882.51	210.7844	1913.47	457.03	9.06	0.1
18.50	208.5	0.10746	888.62	212.2440	1908.02	455.72	9.31	0.1
19.00	209.8	0.10470	894.62	213.6754	1902.65	454.44	9.55	0.1
19.50	211.1	0.10208	900.50	215.0798	1897.35	453.17	9.80	0.1
20.00	212.4	0.09958	906.27	216.4585	1892.12	451.92	10.04	0.1
20.50	213.6	0.09720	911.94	217.8126	1886.95	450.69	10.29	0.1
21.00	214.9	0.09493	917.51	219.1433	1881.85	449.47	10.53	0.1
21.50	216.1	0.09277	922.99	220.4515	1876.81	448.27	10.78	0.1
22.00	217.3	0.09070	928.37	221.7381	1871.83	447.08	11.03	0.1
22.50	218.4	0.08871	933.67	223.0040	1866.91	445.90	11.27	0.1
23.00	219.6	0.08681	938.89	224.2501	1862.03	444.74	11.52	0.1
23.50	220.7	0.08499	944.03	225.4771	1857.22	443.59	11.77	0.1
24.00	221.8	0.08324	949.09	226.6858	1852.45	442.45	12.01	0.1
24.50	222.9	0.08156	954.07	227.8768	1847.73	441.32	12.26	0.1
25.00	224.0	0.07995	958.99	229.0507	1843.05	440.21	12.51	0.1
26.00	226.1	0.07690	968.62	231.3500	1833.84	438.00	13.00	0.1

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bar		m3/kg	kJ/kg	kcal/kg	kJ/kg	kcal/kg		
27.00	228.1	0.07407	977.99	233.5881	1824.79	435.84	13.50	0.1
28.00	230.1	0.07143	987.12	235.7690	1815.90	433.72	14.00	0.1
29.00	232.0	0.06897	996.02	237.8964	1807.15	431.63	14.50	0.1
30.00	233.9	0.06666	1004.72	239.9736	1798.54	429.57	15.00	0.1
35.00	242.6	0.05706	1045.45	249.7021	1757.29	419.72	17.53	0.1
40.00	250.4	0.04978	1082.42	258.5306	1718.48	410.45	20.09	0.0
45.00	257.4	0.04406	1116.43	266.6546	1681.57	401.64	22.70	0.0
50.00	263.9	0.03945	1148.07	274.2118	1646.16	393.18	25.35	0.0
55.00	270.0	0.03564	1177.76	281.3029	1611.96	385.01	28.06	0.0
60.00	275.6	0.03245	1205.82	288.0041	1578.75	377.08	30.82	0.0
65.00	280.9	0.02973	1232.49	294.3747	1546.34	369.34	33.64	0.0
70.00	285.8	0.02738	1257.97	300.4620	1514.60	361.75	36.52	0.0
75.00	290.5	0.02533	1282.43	306.3043	1483.39	354.30	39.48	0.0
80.00	295.0	0.02353	1306.00	311.9333	1452.61	346.95	42.50	0.0
85.00	299.3	0.02193	1328.79	317.3757	1422.17	339.68	45.61	0.0
90.00	303.3	0.02049	1350.89	322.6540	1391.99	332.47	48.80	0.0
95.00	307.3	0.01920	1372.38	327.7877	1362.00	325.31	52.08	0.0
100.00	311.0	0.01803	1393.34	332.7939	1332.13	318.17	55.45	0.0
105.00	314.6	0.01697	1413.83	337.6875	1302.31	311.05	58.93	0.0
110.00	318.1	0.01599	1433.90	342.4821	1272.49	303.93	62.52	0.0