

Damptabel

Properties of saturated liquid and steam (Temperature)

Temp. T [°C]	Pressure P [bar]	Specific Volume (L) V _L [m ³ /kg]	Specific Volume (V) V _V [m ³ /kg]	Enthalpy (L) h _L [kJ/kg]	Enthalpy (V) h _V [kJ/kg]	Entropy (L) s _L [kJ/Kg-K]	Entropy (V) s _V [kJ/Kg-K]
0	0.01	1.000E-03	206.676	-0.04	2501.34	0.000	9.157
5	0.01	1.000E-03	147.401	20.98	2510.55	0.076	9.027
10	0.01	1.000E-03	106.586	41.99	2519.75	0.151	8.902
15	0.02	1.001E-03	78.084	62.98	2528.92	0.224	8.782
20	0.02	1.002E-03	57.912	83.94	2538.07	0.297	8.668
25	0.03	1.003E-03	43.454	104.87	2547.18	0.367	8.559
30	0.04	1.004E-03	32.966	125.77	2556.25	0.437	8.454
35	0.06	1.006E-03	25.273	146.66	2565.29	0.505	8.354
40	0.07	1.008E-03	19.567	167.54	2574.27	0.572	8.258
45	0.10	1.010E-03	15.292	188.43	2583.20	0.639	8.166
50	0.12	1.012E-03	12.058	209.31	2592.07	0.704	8.077
55	0.16	1.015E-03	9.588	230.20	2600.87	0.768	7.992
60	0.20	1.017E-03	7.686	251.11	2609.60	0.831	7.910
65	0.25	1.020E-03	6.208	272.03	2618.26	0.893	7.832
70	0.31	1.023E-03	5.051	292.96	2626.82	0.955	7.756
75	0.39	1.026E-03	4.138	313.91	2635.30	1.015	7.683
80	0.47	1.029E-03	3.413	334.89	2643.67	1.075	7.613
85	0.58	1.032E-03	2.832	355.88	2651.95	1.134	7.545
90	0.70	1.036E-03	2.364	376.90	2660.11	1.192	7.480
95	0.84	1.040E-03	1.984	397.95	2668.15	1.250	7.416
100	1.01	1.044E-03	1.675	419.02	2676.07	1.307	7.355

Temp. T [°C]	Pressure P [bar]	Specific Volume (L) V _L [m ³ /kg]	Specific Volume (V) VV [m ³ /kg]	Enthalpy (L) h _L [kJ/kg]	Enthalpy (V) h _V [kJ/kg]	Entropy (L) s _L [kJ/Kg-K]	Entropy (V) s _V [kJ/Kg-K]
105	1.21	1.047E-03	1.421	440.13	2683.85	1.363	7.296
110	1.43	1.052E-03	1.211	461.28	2691.50	1.418	7.239
115	1.69	1.056E-03	1.038	482.46	2698.99	1.473	7.184
120	1.98	1.060E-03	0.893	503.69	2706.33	1.528	7.130
125	2.32	1.065E-03	0.771	524.97	2713.50	1.581	7.078
130	2.70	1.070E-03	0.669	546.30	2720.49	1.634	7.027
135	3.13	1.075E-03	0.583	567.68	2727.29	1.687	6.978
140	3.61	1.080E-03	0.509	589.12	2733.90	1.739	6.930
145	4.15	1.085E-03	0.447	610.62	2740.30	1.791	6.884
150	4.75	1.090E-03	0.393	632.19	2746.49	1.842	6.838
155	5.43	1.096E-03	0.347	653.83	2752.44	1.892	6.794
160	6.17	1.102E-03	0.307	675.54	2758.14	1.943	6.751
165	7.00	1.108E-03	0.273	697.33	2763.59	1.992	6.708
170	7.91	1.114E-03	0.243	719.20	2768.76	2.042	6.667
175	8.91	1.121E-03	0.217	741.16	2773.65	2.091	6.626
180	10.01	1.127E-03	0.194	763.21	2778.24	2.140	6.586
185	11.22	1.134E-03	0.174	785.36	2782.51	2.188	6.547
190	12.53	1.141E-03	0.157	807.61	2786.46	2.236	6.508
195	13.97	1.149E-03	0.141	829.97	2790.05	2.283	6.470
200	15.52	1.156E-03	0.127	852.44	2793.29	2.331	6.433
205	17.21	1.164E-03	0.115	875.03	2796.14	2.378	6.396
210	19.05	1.173E-03	0.105	897.75	2798.60	2.425	6.359
215	21.02	1.181E-03	0.095	920.61	2800.64	2.471	6.323
220	23.16	1.190E-03	0.086	943.62	2802.25	2.518	6.287
225	25.46	1.199E-03	0.079	966.78	2803.41	2.564	6.251
230	27.93	1.209E-03	0.072	990.10	2804.10	2.610	6.215
235	30.58	1.219E-03	0.065	1013.61	2804.29	2.656	6.180
240	33.42	1.229E-03	0.060	1037.31	2803.97	2.701	6.144
245	36.46	1.240E-03	0.055	1061.22	2803.12	2.747	6.109
250	39.70	1.251E-03	0.050	1085.35	2801.70	2.793	6.073
260	46.86	1.276E-03	0.042	1134.36	2797.08	2.884	6.002
270	54.96	1.302E-03	0.036	1184.50	2789.86	2.975	5.931
280	64.08	1.332E-03	0.030	1235.98	2779.75	3.067	5.858
290	74.33	1.366E-03	0.026	1289.05	2766.37	3.159	5.783
300	85.77	1.404E-03	0.022	1344.03	2749.19	3.253	5.705
310	98.53	1.447E-03	0.018	1401.31	2727.52	3.349	5.623
320	112.70	1.499E-03	0.015	1461.47	2700.36	3.448	5.537
330	128.42	1.561E-03	0.013	1525.31	2666.17	3.551	5.442
340	145.81	1.638E-03	0.011	1594.19	2622.47	3.659	5.336
350	165.06	1.740E-03	0.009	1670.62	2564.77	3.778	5.213
360	186.40	1.893E-03	0.007	1760.72	2482.85	3.915	5.056
370	210.17	2.217E-03	0.005	1891.47	2336.60	4.112	4.804