

Tables de la vapeur

Pression		Température °C	Enthalpie Spécifique			Volume Spécifique de Vapeur m³/kg
bar absolu	kPa		Eau (h _l) kJ/kg	Evaporation (h _{fg}) kJ/kg	Vapeur (h _g) kJ/kg	
0.30	30.0	69.10	289.23	2336.1	2625.3	5.229
0.50	50.0	81.33	340.49	2305.4	2645.9	3.240
0.75	75.0	91.78	384.39	2278.6	2663.0	2.217
0.95	95.0	98.20	411.43	2261.8	2673.2	1.777
bar effectif						
0	0	100.00	419.04	2257.0	2676.0	1.673
0.10	10.0	102.66	430.2	2250.2	2680.2	1.533
0.20	20.0	105.10	440.8	2243.4	2684.2	1.414
0.30	30.0	107.39	450.4	2237.2	2687.6	1.312
0.40	40.0	109.55	459.7	2231.3	2691.0	1.225
0.50	50.0	111.61	468.3	2225.6	2693.9	1.149
0.60	60.0	113.56	476.4	2220.4	2696.8	1.083
0.70	70.0	115.40	484.1	2215.4	2699.5	1.024
0.80	80.0	117.14	491.6	2210.5	2702.1	0.971
0.90	90.0	118.80	498.9	2205.6	2704.5	0.923
1.00	100.0	120.42	505.6	2201.1	2706.7	0.881
1.10	110.0	121.98	512.2	2197.0	2709.2	0.841
1.20	120.0	123.46	518.7	2192.8	2711.5	0.806
1.30	130.0	124.90	524.6	2188.7	2713.3	0.773
1.40	140.0	126.28	530.5	2184.8	2715.3	0.743
1.50	150.0	127.62	536.1	2181.0	2717.1	0.714
1.60	160.0	128.89	541.6	2177.3	2718.9	0.689
1.70	170.0	130.13	547.1	2173.7	2720.8	0.665
1.80	180.0	131.37	552.3	2170.1	2722.4	0.643
1.90	190.0	132.54	557.3	2166.7	2724.0	0.622
2.00	200.0	133.69	562.2	2163.3	2725.5	0.603
2.20	220.0	135.88	571.7	2158.9	2728.6	0.568
2.40	240.0	138.01	580.7	2150.7	2731.4	0.536
2.60	260.0	140.00	589.2	2144.7	2733.9	0.509
2.80	280.0	141.92	597.4	2139.0	2736.4	0.483
3.00	300.0	143.75	605.3	2133.4	2738.7	0.461
3.20	320.0	145.46	612.9	2128.1	2741.0	0.440
3.40	340.0	147.20	620.0	2122.9	2742.9	0.422
3.60	360.0	148.84	627.1	2117.8	2744.9	0.405
3.80	380.0	150.44	634.0	2112.9	2746.9	0.389
4.00	400.0	151.98	640.7	2108.1	2748.8	0.374
4.50	450.0	155.55	656.3	2096.7	2753.0	0.342
5.00	500.0	158.92	670.9	2086.0	2756.9	0.315
5.50	550.0	162.08	684.6	2075.7	2760.3	0.292
6.00	600.0	165.04	697.5	2066.0	2763.5	0.272
6.50	650.0	167.83	709.7	2056.8	2766.5	0.255
7.00	700.0	170.50	721.4	2047.7	2769.1	0.240
7.50	750.0	173.02	732.5	2039.2	2771.7	0.227
8.50	850.0	177.75	753.3	2022.9	2776.2	0.204
9.00	900.0	179.97	763.0	2015.1	2778.1	0.194
9.50	950.0	182.10	772.5	2007.5	2780.0	0.185
10.00	1000.0	184.13	781.6	2000.1	2781.7	0.177

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bar	kPa		Eau (h _l) kJ/kg	Evaporation (h _{fg}) kJ/kg	Vapeur (h _g) kJ/kg	
11.00	1100.0	188.02	798.8	1986.0	2784.8	0.163
11.50	1150.0	189.82	807.1	1979.1	2786.3	0.157
12.00	1200.0	191.68	815.1	1972.5	2787.6	0.151
12.50	1250.0	193.43	822.9	1966.4	2788.8	0.146
13.00	1300.0	195.10	830.4	1959.6	2790.0	0.141
13.50	1350.0	196.62	837.9	1953.2	2791.1	0.136
14.00	1400.0	198.35	845.1	1947.1	2792.2	0.132
14.50	1450.0	199.92	852.1	1941.0	2793.1	0.128
15.00	1500.0	201.45	859.0	1935.0	2794.0	0.124
15.50	1550.0	202.92	865.7	1928.8	2794.9	0.119
16.00	1600.0	204.38	872.3	1923.4	2795.7	0.117
17.00	1700.0	207.17	885.0	1912.1	2797.1	0.110
18.00	1800.0	209.90	897.2	1901.3	2798.5	0.105
19.00	1900.0	212.47	909.0	1890.5	2799.5	0.100
20.00	2000.0	214.96	920.3	1880.2	2800.5	0.0949
21.00	2100.0	217.35	931.3	1870.1	2801.4	0.0906
22.00	2200.0	219.65	941.9	1860.1	2802.0	0.0868
23.00	2300.0	221.85	952.2	1850.4	2802.6	0.0832
24.00	2400.0	224.02	962.2	1840.9	2803.1	0.0797
25.00	2500.0	226.12	972.1	1831.4	2803.5	0.0768
26.00	2600.0	228.15	981.6	1822.2	2803.8	0.0740
27.00	2700.0	230.14	990.7	1813.3	2804.0	0.0714
28.00	2800.0	232.05	999.7	1804.4	2804.1	0.0689
29.00	2900.0	233.93	1008.6	1795.6	2804.2	0.0666
30.00	3000.0	235.78	1017.0	1787.0	2804.1	0.0645
31.00	3100.0	237.55	1025.6	1778.5	2804.1	0.0625
32.00	3200.0	239.28	1033.9	1770.0	2803.9	0.0605
33.00	3300.0	240.97	1041.9	1761.8	2803.7	0.0587
34.00	3400.0	242.63	1049.7	1753.8	2803.5	0.0571
35.00	3500.0	244.26	1057.7	1745.5	2803.2	0.0554
36.00	3600.0	245.86	1065.7	1737.2	2802.9	0.0539
37.00	3700.0	247.42	1072.9	1729.5	2802.4	0.0524
38.00	3800.0	248.95	1080.3	1721.6	2801.9	0.0510
39.00	3900.0	250.42	1087.4	1714.1	2801.5	0.0498
40.00	4000.0	251.94	1094.6	1706.3	2800.9	0.0485
41.00	4100.0	253.34	1101.6	1698.3	2799.9	0.0473
42.00	4200.0	254.74	1108.6	1691.2	2799.8	0.0461
43.00	4300.0	256.12	1115.4	1683.7	2799.1	0.0451
44.00	4400.0	257.50	1122.1	1676.2	2798.3	0.0441
45.00	4500.0	258.82	1128.7	1668.9	2797.6	0.0431
46.00	4600.0	260.13	1135.3	1666.6	2796.9	0.0421
47.00	4700.0	261.43	1142.2	1654.4	2796.6	0.0412
48.00	4800.0	262.73	1148.1	1647.1	2795.2	0.0403
49.00	4900.0	264.00	1154.5	1639.9	2794.4	0.0394
50.00	5000.0	265.26	1160.8	1632.8	2793.6	0.0386
51.00	5100.0	266.45	1166.6	1626.9	2792.6	0.0378
52.00	5200.0	267.67	1172.6	1619.0	2791.6	0.0371
53.00	5300.0	268.84	1178.7	1612.0	2790.7	0.0364
54.00	5400.0	270.02	1184.6	1605.1	2789.7	0.0357
55.00	5500.0	271.20	1190.5	1598.2	2788.7	0.0350