

**Table Thermodynamique R 508B**

	Liquide	Vapeur	Liquide	Vapeur	Liquide	Vapeur	Liquide	Vapeur
Temperature	Pression	Pression	Densité	Densité	Enthalpie	Enthalpie	Entropie	Entropie
(°C)	(bar abs)	(bar abs)	(Kg/M <sup>3</sup> )	(Kg/M <sup>3</sup> )	(KJ/Kg)	(KJ/Kg)	(KJ/Kg-K)	(KJ/Kg-K)
-120	0.098477	0.086977	1661.8	0.65744	54.435	237.89	0.32421	1.5308
-119	0.10765	0.095553	1657.9	0.71799	55.445	238.37	0.33078	1.5258
-118	0.11753	0.10482	1654	0.78302	56.457	238.85	0.33731	1.5209
-117	0.12814	0.11482	1650.1	0.85276	57.469	239.33	0.34381	1.5161
-116	0.13953	0.12559	1646.1	0.92746	58.483	239.8	0.35028	1.5114
-115	0.15174	0.13719	1642.2	1.0074	59.498	240.28	0.35671	1.5068
-114	0.16483	0.14965	1638.2	1.0928	60.514	240.76	0.36311	1.5023
-113	0.17882	0.16302	1634.2	1.1839	61.532	241.24	0.36948	1.498
-112	0.19378	0.17736	1630.3	1.281	62.551	241.71	0.37582	1.4937
-111	0.20974	0.19271	1626.3	1.3845	63.571	242.19	0.38213	1.4895
-110	0.22677	0.20913	1622.3	1.4945	64.593	242.67	0.3884	1.4854
-109	0.24491	0.22667	1618.3	1.6114	65.617	243.14	0.39465	1.4814
-108	0.26421	0.24538	1614.3	1.7355	66.642	243.62	0.40087	1.4775
-107	0.28474	0.26533	1610.2	1.8671	67.668	244.09	0.40706	1.4737
-106	0.30654	0.28657	1606.2	2.0065	68.696	244.57	0.41322	1.4699
-105	0.32968	0.30916	1602.1	2.154	69.726	245.04	0.41935	1.4663
-104	0.35421	0.33316	1598.1	2.31	70.758	245.51	0.42546	1.4627
-103	0.38019	0.35863	1594	2.4748	71.791	245.98	0.43154	1.4592
-102	0.40769	0.38564	1589.9	2.6487	72.825	246.45	0.43759	1.4558
-101	0.43677	0.41425	1585.8	2.8321	73.862	246.92	0.44362	1.4524
-100	0.46749	0.44453	1581.7	3.0254	74.9	247.39	0.44962	1.4492
-99	0.49993	0.47654	1577.6	3.2288	75.94	247.86	0.4556	1.446
-98	0.53414	0.51037	1573.5	3.4428	76.982	248.32	0.46156	1.4428
-97	0.57021	0.54606	1569.3	3.6678	78.026	248.79	0.46748	1.4398
-96	0.60819	0.58371	1565.2	3.904	79.072	249.25	0.47339	1.4367
-95	0.64816	0.62337	1561	4.152	80.12	249.72	0.47927	1.4338
-94	0.6902	0.66513	1556.8	4.4121	81.17	250.18	0.48514	1.4309
-93	0.73438	0.70906	1552.6	4.6847	82.221	250.64	0.49097	1.4281
-92	0.78077	0.75523	1548.4	4.9702	83.275	251.1	0.49679	1.4254
-91	0.82945	0.80372	1544.2	5.2691	84.331	251.55	0.50259	1.4227
-90	0.8805	0.85462	1539.9	5.5817	85.389	252.01	0.50836	1.42
-89	0.934	0.908	1535.7	5.9085	86.45	252.46	0.51412	1.4174
-88	0.99003	0.96395	1531.4	6.2499	87.512	252.91	0.51985	1.4149
-87	1.0487	1.0225	1527.1	6.6064	88.577	253.36	0.52557	1.4124
-86	1.11	1.0839	1522.8	6.9785	89.644	253.81	0.53126	1.41
-85	1.1741	1.148	1518.5	7.3666	90.714	254.26	0.53694	1.4076
-84	1.2411	1.215	1514.1	7.7712	91.786	254.7	0.5426	1.4052
-83	1.3111	1.285	1509.8	8.1928	92.86	255.15	0.54824	1.4029
-82	1.3841	1.3581	1505.4	8.6318	93.937	255.59	0.55386	1.4007
-81	1.4602	1.4344	1501	9.0888	95.016	256.03	0.55947	1.3985
-80	1.5395	1.5139	1496.5	9.5643	96.098	256.46	0.56506	1.3963
-79	1.6222	1.5967	1492.1	10.059	97.183	256.9	0.57063	1.3942
-78	1.7083	1.683	1487.6	10.573	98.27	257.33	0.57619	1.3921
-77	1.7978	1.7728	1483.2	11.107	99.36	257.76	0.58173	1.3901
-76	1.891	1.8663	1478.6	11.662	100.45	258.18	0.58725	1.3881

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(°C)	(bar abs)	(bar abs)	(Kg/M <sup>3</sup> )	(Kg/M <sup>3</sup> )	(KJ/Kg)	(KJ/Kg)	(KJ/Kg-K)	(KJ/Kg-K)
-75	1.9878	1.9634	1474.1	12.238	101.55	258.61	0.59276	1.3861
-74	2.0885	2.0644	1469.6	12.836	102.65	259.03	0.59826	1.3842
-73	2.193	2.1692	1465	13.457	103.75	259.45	0.60374	1.3823
-72	2.3015	2.2781	1460.4	14.1	104.85	259.86	0.60921	1.3804
-71	2.4141	2.3911	1455.8	14.767	105.96	260.28	0.61466	1.3786
-70	2.5308	2.5083	1451.1	15.459	107.07	260.69	0.6201	1.3768
-69	2.6519	2.6298	1446.5	16.176	108.18	261.09	0.62553	1.375
-68	2.7774	2.7557	1441.8	16.918	109.3	261.5	0.63094	1.3733
-67	2.9073	2.8862	1437	17.687	110.42	261.9	0.63635	1.3715
-66	3.0418	3.0212	1432.3	18.483	111.55	262.3	0.64174	1.3699
-65	3.1811	3.161	1427.5	19.307	112.67	262.69	0.64712	1.3682
-64	3.3251	3.3055	1422.7	20.159	113.8	263.08	0.65249	1.3665
-63	3.4741	3.4551	1417.8	21.041	114.94	263.47	0.65784	1.3649
-62	3.6281	3.6096	1413	21.953	116.07	263.85	0.66319	1.3633
-61	3.7872	3.7693	1408.1	22.896	117.22	264.23	0.66853	1.3618
-60	3.9516	3.9343	1403.1	23.871	118.36	264.6	0.67386	1.3602
-59	4.1213	4.1046	1398.2	24.879	119.51	264.98	0.67918	1.3587
-58	4.2966	4.2804	1393.1	25.921	120.66	265.34	0.68449	1.3572
-57	4.4773	4.4618	1388.1	26.997	121.82	265.71	0.68979	1.3557
-56	4.6638	4.6489	1383	28.109	122.98	266.06	0.69509	1.3542
-55	4.8561	4.8418	1377.9	29.257	124.14	266.42	0.70038	1.3527
-54	5.0543	5.0406	1372.8	30.444	125.31	266.77	0.70566	1.3513
-53	5.2586	5.2455	1367.6	31.669	126.49	267.11	0.71093	1.3498
-52	5.469	5.4565	1362.4	32.934	127.66	267.45	0.7162	1.3484
-51	5.6856	5.6738	1357.1	34.24	128.85	267.79	0.72146	1.347
-50	5.9087	5.8975	1351.8	35.588	130.03	268.12	0.72672	1.3456
-49	6.1383	6.1277	1346.4	36.98	131.22	268.44	0.73197	1.3442
-48	6.3746	6.3646	1341	38.416	132.42	268.76	0.73721	1.3428
-47	6.6176	6.6082	1335.6	39.899	133.62	269.07	0.74246	1.3415
-46	6.8674	6.8586	1330.1	41.429	134.83	269.38	0.74769	1.3401
-45	7.1243	7.1161	1324.6	43.008	136.04	269.68	0.75293	1.3388
-44	7.3883	7.3807	1319	44.638	137.25	269.98	0.75816	1.3374
-43	7.6596	7.6525	1313.3	46.32	138.48	270.26	0.76339	1.3361
-42	7.9383	7.9318	1307.6	48.056	139.7	270.55	0.76862	1.3347
-41	8.2245	8.2185	1301.9	49.848	140.94	270.82	0.77385	1.3334
-40	8.5183	8.5128	1296.1	51.697	142.18	271.09	0.77908	1.332
-39	8.8199	8.8149	1290.2	53.606	143.42	271.35	0.78431	1.3307
-38	9.1295	9.1249	1284.3	55.576	144.67	271.6	0.78953	1.3293
-37	9.447	9.443	1278.3	57.609	145.93	271.85	0.79476	1.328
-36	9.7728	9.7691	1272.2	59.708	147.19	272.08	0.79999	1.3267
-35	10.107	10.104	1266.1	61.876	148.46	272.31	0.80523	1.3253
-34	10.449	10.447	1259.9	64.114	149.74	272.53	0.81046	1.3239
-33	10.8	10.798	1253.7	66.425	151.02	272.75	0.8157	1.3226
-32	11.16	11.158	1247.3	68.813	152.31	272.95	0.82095	1.3212
-31	11.529	11.527	1240.9	71.279	153.61	273.14	0.8262	1.3198

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-30	11.907	11.905	1234.4	73.828	154.92	273.32	0.83146	1.3184
-29	12.294	12.293	1227.8	76.462	156.23	273.49	0.83672	1.317
-28	12.69	12.689	1221.2	79.185	157.55	273.65	0.84199	1.3156
-27	13.096	13.095	1214.4	82.001	158.88	273.8	0.84727	1.3141
-26	13.511	13.51	1207.5	84.914	160.22	273.94	0.85256	1.3127
-25	13.936	13.936	1200.6	87.928	161.57	274.07	0.85786	1.3112
-24	14.371	14.371	1193.5	91.048	162.93	274.18	0.86318	1.3097
-23	14.816	14.816	1186.3	94.278	164.3	274.28	0.8685	1.3082
-22	15.272	15.272	1179.1	97.625	165.67	274.37	0.87384	1.3066
-21	15.738	15.738	1171.7	101.09	167.06	274.44	0.8792	1.305
-20	16.214	16.214	1164.1	104.69	168.46	274.49	0.88458	1.3034
-19	16.701	16.701	1156.5	108.42	169.87	274.53	0.88997	1.3018
-18	17.2	17.2	1148.7	112.29	171.29	274.55	0.89538	1.3001
-17	17.709	17.709	1140.7	116.32	172.73	274.56	0.90082	1.2984
-16	18.23	18.229	1132.6	120.5	174.17	274.54	0.90628	1.2966
-15	18.762	18.761	1124.3	124.85	175.64	274.51	0.91177	1.2948
-14	19.306	19.305	1115.9	129.38	177.11	274.45	0.91729	1.2929
-13	19.861	19.861	1107.3	134.1	178.6	274.37	0.92284	1.291
-12	20.429	20.428	1098.4	139.02	180.11	274.27	0.92843	1.289
-11	21.009	21.008	1089.4	144.16	181.63	274.14	0.93405	1.2869
-10	21.602	21.601	1080.1	149.54	183.18	273.99	0.93971	1.2848
-9	22.208	22.206	1070.6	155.16	184.74	273.81	0.94543	1.2826
-8	22.826	22.825	1060.9	161.06	186.32	273.59	0.95119	1.2803
-7	23.458	23.456	1050.8	167.26	187.93	273.34	0.95701	1.2779
-6	24.103	24.101	1040.4	173.77	189.56	273.05	0.96289	1.2754
-5	24.762	24.76	1029.7	180.64	191.22	272.73	0.96884	1.2728
-4	25.436	25.433	1018.6	187.9	192.9	272.36	0.97487	1.2701
-3	26.123	26.121	1007.1	195.58	194.62	271.94	0.98099	1.2672
-2	26.825	26.823	995.11	203.75	196.37	271.46	0.98721	1.2642
-1	27.543	27.54	982.6	212.45	198.16	270.93	0.99354	1.2609
0	28.275	28.272	969.5	221.77	200	270.33	1	1.2575
1	29.024	29.021	955.72	231.79	201.89	269.65	1.0066	1.2538
2	29.789	29.785	941.13	242.64	203.83	268.88	1.0134	1.2498
3	30.57	30.567	925.59	254.45	205.85	268.01	1.0204	1.2455
4	31.369	31.365	908.9	267.43	207.95	267.01	1.0277	1.2408
5	32.185	32.182	890.79	281.86	210.16	265.85	1.0353	1.2356
6	33.02	33.018	870.82	298.15	212.49	264.5	1.0434	1.2297
7	33.875	33.872	848.36	316.94	215.01	262.89	1.052	1.2229
8	34.75	34.748	822.27	339.31	217.79	260.91	1.0615	1.2149
9	35.647	35.646	790.3	367.44	221	258.34	1.0725	1.2049
10	36.568	36.567	746.45	406.95	225.08	254.65	1.0865	1.191