

Tabelle vapore surriscaldato dell'acqua

Tratto da VDI Atlas/ed. Verein Deutscher Ingenieure. - Düsseldorf: VDI-Verl., 1993

P (bar)			Temperatura											
Ts (°C)			50	100	150	200	250	300	350	400	500	600	700	800
0.02	v	m3/kg	74.524	86.08	97.628	109.171	120.711	132.251	143.79	155.329	178.405	201.482	224.558	247.634
	h	kJ/kg	2594.4	2688.5	2783.7	2880	2977.7	3076.8	3177.7	3279.7	3489.2	3705.6	3928.8	4158.7
	s	kJ/kgK	8.9226	9.1934	9.4327	9.6479	9.8441	10.0251	10.1934	10.3512	10.6413	10.9044	11.1464	11.3712
0.04	v	m3/kg	37.24	43.027	48.806	54.58	60.351	66.122	71.892	77.662	89.201	100.74	112.278	123.816
	h	kJ/kg	2593.9	2688.3	2783.5	2879.9	2977.6	3076.8	3177.4	3279.7	3489.2	3705.6	3928.8	4158.7
	s	kJ/kgK	8.6016	8.873	9.1125	9.3279	9.5241	9.7051	9.8735	10.0313	10.3214	10.5845	10.8265	11.0513
0.06	v	m3/kg	24.812	28.676	32.532	37.383	40.232	44.079	47.927	51.773	59.467	67.159	74.852	82.544
	h	kJ/kg	2593.5	2688	2783.4	2879.8	2977.6	3076.7	3177.4	3279.6	3489.2	3705.6	3928.8	4158.7
	s	kJ/kgK	8.4135	8.6854	8.9251	9.1406	9.3369	9.5179	9.6863	9.8441	10.1342	10.3973	10.6394	10.8642
0.08	v	m3/kg	18.598	21.501	24.395	27.284	30.172	33.058	35.944	38.829	44.599	50.369	56.138	61.908
	h	kJ/kg	2593.1	2687.8	2783.2	2879.7	2977.5	3076.7	3177.3	3279.6	3489.1	3705.5	3928.8	4158.7
	s	kJ/kgK	8.2797	8.5521	8.7921	9.0077	9.2041	9.3851	9.5535	9.7113	10.0014	10.2646	10.5066	10.7314
0.1	v	m3/kg	14.869	17.195	19.512	21.825	24.136	26.445	28.754	31.062	35.679	40.295	44.91	49.526
	h	kJ/kg	2592.7	2687.5	2783.1	2879.6	2977.4	3076.6	3177.3	3279.6	3489.1	3705.5	3928.8	4158.7
	s	kJ/kgK	8.1757	8.4486	8.6888	8.9045	9.101	9.282	9.4504	9.6083	9.8984	10.1616	10.4036	10.6284
0.5	v	m3/kg		3.4181	3.8893	4.356	4.8205	5.2839	5.7467	6.2091	7.1335	8.0574	8.981	9.9044
	h	kJ/kg		2682.6	2780.1	2877.7	2976.1	3075.7	3176.6	3279	3488.7	3705.2	3928.6	4158.5
	s	kJ/kgK		7.6953	7.9406	8.1587	8.3564	8.538	8.7068	8.8649	9.1552	9.4185	9.6606	9.8855
1	v	m3/kg		1.6955	1.9363	2.1723	2.4061	2.6387	2.8708	3.1025	3.5653	4.0277	4.4898	4.9517
	h	kJ/kg		2676.2	2776.1	2875.4	2974.5	3074.5	3175.6	3278.2	3488.1	3704.8	3928.2	4158.3
	s	kJ/kgK		7.3618	7.6137	7.8349	8.0342	8.2166	8.3858	8.5442	8.8348	9.0982	9.3405	9.5654
2	v	m3/kg			0.95954	1.0804	1.1989	1.3162	1.4328	1.5492	1.7812	2.0129	2.2442	2.4754
	h	kJ/kg			2768.5	2870.5	2971.2	3072.1	3173.8	3276.7	3487	3704	3927.6	4157.8
	s	kJ/kgK			7.2794	7.5072	7.7096	7.8937	8.0638	8.2226	8.5139	8.7776	9.0201	9.2452
3	v	m3/kg			0.63374	0.71635	0.79644	0.87529	0.95352	1.0314	1.1865	1.3412	1.4957	1.6499
	h	kJ/kg			2760.4	2865.5	2967.9	3069.7	3171.9	3275.2	3486	3703.2	3927	4157.3
	s	kJ/kgK			7.0771	7.3119	7.5176	7.7034	7.8744	8.0338	8.3257	8.5898	8.8325	9.0577
4	v	m3/kg			0.47066	0.53426	0.59519	0.65485	0.71385	0.7725	0.88919	1.0054	1.1214	1.2372
	h	kJ/kg			2752	2860.4	2964.5	3067.2	3170	3273.6	3484.9	3702.3	3926.4	4156.9
	s	kJ/kgK			6.9285	7.1708	7.38	7.5675	7.7395	7.8994	8.1919	8.4563	8.6992	8.9246
5	v	m3/kg				0.42496	0.47443	0.52258	0.57005	0.61716	0.71078	0.80395	0.89685	0.98956
	h	kJ/kg				2855.1	2961.1	3064.8	3168.1	3272.1	3483.8	3701.5	3925.8	4156.4
	s	kJ/kgK				7.0592	7.2721	7.4614	7.6343	7.7948	8.0879	8.3626	8.5957	8.8213
6	v	m3/kg				0.35204	0.39391	0.43439	0.47419	0.51361	0.59184	0.66963	0.74714	0.82447
	h	kJ/kg				2849.7	2951.6	3062.3	3166.2	3270.6	3482.7	3700.7	3925.1	4155.9
	s	kJ/kgK				6.9662	7.1829	7.374	7.5479	7.709	8.0027	8.2678	8.5111	8.7368
7	v	m3/kg				0.29992	0.33637	0.37139	0.40571	0.43964	0.50689	0.57368	0.64021	0.70655
	h	kJ/kg				2844.2	2954	3059.8	3164.3	3269	3481.6	3699.9	3924.5	4155.5
	s	kJ/kgK				6.8859	7.1066	7.2997	7.4745	7.6332	7.9305	8.1959	8.4395	8.6653
8	v	m3/kg				0.26079	0.29321	0.32414	0.35434	0.38416	0.44317	0.50172	0.56001	0.61811
	h	kJ/kg				2838.6	2950.4	3057.3	3162.4	3267.5	3480.5	3699.1	3923.9	4155
	s	kJ/kgK				6.8148	7.0397	7.2348	7.4107	7.5729	7.8678	8.1336	8.3773	8.6033
9	v	m3/kg				0.23032	0.25963	0.27839	0.3144	0.34101	0.39361	0.44576	0.49763	0.54933
	h	kJ/kg				2832.7	2946.8	3054.7	3160.5	3266	3479.4	3698.2	3923.3	4154.5
	s	kJ/kgK				6.7508	6.98	7.1771	7.354	7.5169	7.8124	8.0785	8.3225	8.5486
10	v	m3/kg				0.20592	0.23275	0.25798	0.28243	0.30649	0.35396	0.40098	0.44773	0.4943
	h	kJ/kg				2826.8	2943	3052.1	3158.5	3264.4	3478.3	3697.4	3922.7	4154.1
	s	kJ/kgK				6.6922	6.9259	7.1251	7.3031	7.4665	7.7627	8.0292	8.2734	8.4997
15	v	m3/kg				0.13238	0.15199	0.1697	0.18653	0.20292	0.23503	0.26666	0.29803	0.32921
	h	kJ/kg				2794.7	2923.5	3038.9	3148.7	3256.6	3472.8	3693.3	3919.6	4151.7
	s	kJ/kgK				6.4508	6.7099	6.9207	7.1044	7.2709	7.5703	7.8385	8.0838	8.3108
20	v	m3/kg					0.11145	0.1255	0.13866	0.15113	0.17555	0.1995	0.22317	0.24666
	h	kJ/kg					2902.4	3025	3138.6	3248.7	3467.3	3689.2	3916.5	4149.4
	s	kJ/kgK					6.5454	6.7696	6.9596	7.1296	7.4323	7.7022	7.9485	8.1763
25	v	m3/kg					0.086985	0.098925	0.10975	0.12004	0.13987	0.15921	0.17826	0.19714
	h	kJ/kg					2879.5	3010.4	3128.2	3240.7	3461.7	3685.1	3913.4	4147
	s	kJ/kgK					6.4077	6.647	6.8442	7.0178	7.324	7.5956	7.8431	8.0716
30	v	m3/kg					0.070551	0.081159	0.090526	0.09931	0.11608	0.13234	0.14832	0.16412
	h	kJ/kg					2854.8	2995.1	3117.5	3232.5	3456.5	3681	3910.3	4144.7
	s	kJ/kgK					6.2857	6.5422	6.7471	6.9246	7.2345	7.5079	7.7564	7.9857
35	v	m3/kg					0.058693	0.068424	0.076776	0.084494	0.099088	0.11315	0.12694	0.14054
	h	kJ/kg					2828.1	2979	3106.5	3224.2	3450.6	3676.9	3907.2	4142.4
	s	kJ/kgK					6.1732	6.4491	6.6626	6.8443	7.158	7.4332	7.6828	7.9128
40	v	m3/kg						0.058833	0.066446	0.073376	0.086341	0.098763	0.1109	0.12285
	h	kJ/kg						2962	3095.1	3215.7	3445	3672.8	3904.1	4140
	s	kJ/kgK						6.3642	6.587	6.7733	7.0909	7.368	7.6187	7.8495
45	v	m3/kg						0.051336	0.058696	0.064721	0.076427	0.08757	0.098425	0.1091
	h	kJ/kg						2944.2	3083.3	3207.1	3439.3	3668.6	3901	4137.7
	s	kJ/kgK						6.2852	6.5182	6.7093	7.0311	7.31	7.5619	7.7934
50	v	m3/kg						0.045301	0.051941	0.057791	0.068494	0.078616	0.088446	0.098093
	h	kJ/kg						29255	3071.2	3198.3	3433.7	3664.5	3897.9	4135.3
	s	kJ/kgK						6.2105	6.4545	6.6508	6.977	7.2578	7.5108	7.7431
60	v	m3/kg						0.036145	0.042222	0.047379	0.056592	0.065184	0.073478	0.081587
	h	kJ/kg						2885	3045.8	3180.1	3422.2	3656.2	3891.7	4130.7
	s	kJ/kgK						6.0692	6.3386	6.5462	6.8818	7.1664	7.4217	7.655
70	v	m3/kg						0.029457	0.035233	0.039922	0.048086			