

tel.: +359 52 725 370, 371, 372;
 fax.: +359 52 511 246 mob.: +359 886 400 992
 90, Stoletov Str., 9002 Varna, Bulgaria

e-mail: office@incoves.com
 www.incoves.com



Saturated steam

Gauge pressure (overpressure)		Absolute pressure		Temperature	Specific volume	Density	Specific enthalpy of Liquid Evaporation		Steam	Specific entropy of steam
p_g	p_g	p_a	p_a	T	V_g	ρ	h_i	h_e	h_s	s
bar	kPa	bar	kPa	°C	m ³ /kg	kg/m ³	kJ/kg	kJ/kg	kJ/kg	kJ/kgK
		0.008	0.8	3.8	160	0.00626	15.8	2493	2509	9.058
		0.02	2	17.5	67	0.0149	73.5	2460	2534	8.725
		0.05	5	32.9	28.2	0.0354	137.8	2424	2562	8.396
		0.1	10	45.8	14.7	0.0682	191.8	2393	2585	8.151
		0.2	20	60.1	7.65	0.131	251.5	2358	2610	7.909
		0.28	28	67.5	5.58	0.179	282.7	2340	2623	7.793
		0.35	35	72.7	4.53	0.221	304.3	2327	2632	7.717
		0.45	45	78.7	3.58	0.279	329.6	2312	2642	7.631
		0.55	55	83.7	2.96	0.338	350.6	2299	2650	7.562
		0.65	65	88	2.53	0.395	368.6	2288	2657	7.506
		0.75	75	91.8	2.22	0.45	384.5	2279	2663	7.457
		0.85	85	95.2	1.97	0.507	398.6	2270	2668	7.415
		0.95	95	98.2	1.78	0.563	411.5	2262	2673	7.377
0	0	1	100	99.6	1.69	0.59	417.5	2258	2675	7.36
0.0133	1.33	1.0133	101.33	100	1.67	0.598	419.1	2257	2676	7.355
0.1	10	1.1	110	102.3	1.55	0.646	428.8	2251	2680	7.328
0.3	30	1.3	130	107.1	1.33	0.755	449.2	2238	2687	7.271
0.5	50	1.5	150	111.4	1.16	0.863	467.1	2226	2698	7.223

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0.7	70	1.7	170	115.2	1.03	0.97	483.2	2216	2699	7.181
0.9	90	1.9	190	118.6	0.929	1.08	497.8	2206	2704	7.144
1.2	120	2.2	220	123.3	0.81	1.23	517.6	2193	2711	7.095
1.6	160	2.6	260	128.7	0.693	1.44	540.9	2177	2718	7.039
1.8	180	2.8	280	131.2	0.646	1.55	551.4	2170	2722	7.014
2.2	220	3.2	320	135.8	0.57	1.75	570.9	2157	2728	6.969
2.6	260	3.6	360	139.9	0.51	1.96	588.5	2144	2733	6.93
3	300	4	400	143.1	0.462	2.16	604.7	2133	2738	6.894
3.4	340	4.4	440	147.1	0.423	2.36	619.6	2122	2742	6.862
3.8	380	4.8	480	150.3	0.389	2.57	633.5	2112	2746	6.833
4	400	5	500	151.8	0.375	2.67	640.1	2107	2748	6.819
4.5	450	5.5	550	155.5	0.342	2.92	655.8	2096	2752	6.787
5	500	6	600	158.8	0.315	3.175	670.4	2085	2756	6.758
5.5	550	6.5	650	162	0.292	3.425	684.1	2075	2759	6.73
6	600	7	700	165	0.273	3.66	697.1	2065	2762	6.705
6.5	650	7.5	750	167.8	0.255	3.915	709.3	2056	2765	6.682
7	700	8	800	170.4	0.24	4.16	720.9	2047	2768	6.66
7.5	750	8.5	850	172.9	0.229	4.41	732	2038	2770	6.639
8	800	9	900	175.4	0.215	4.65	742.6	2030	2772	6.619
8.5	850	9.5	950	177.7	0.204	4.9	752.8	2021	2774	6.601
9	900	10	1000	179.9	0.194	5.15	762.6	2014	2776	6.583
9.5	950	10.5	1050	182	0.186	5.39	772	2006	2778	6.566
10.5	1050	11.5	1150	186	0.17	5.89	790	1991	2781	6.534

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11.5	1150	12.5	1250	189.8	0.157	6.38	807	1977	2784	6.505
12	1200	13	1300	191.6	0.151	6.62	815	1971	2785	6.491
14	1400	15	1500	198.3	0.132	7.59	845	1945	2790	6.441
15	1500	16	1600	201.4	0.124	8.03	859	1933	2792	6.418
17	1700	18	1800	207.1	0.11	9.07	885	1910	2795	6.375
19	1900	20	2000	212.4	0.0995	10.01	909	1889	2797	6.337
20	2000	21	2100	214.9	0.0945	10.54	920	1878	2798	6.319
22	2200	23	2300	219.6	0.0868	11.52	942	1858	2800	6.285
23	2300	24	2400	221.8	0.0832	12.02	952	1849	2800	6.269
25	2500	26	2600	226	0.0769	13.01	972	1830	2801	6.239
26	2600	27	2700	228.1	0.074	13.52	981	1821	2802	6.224
28	2800	29	2900	232	0.0689	14.52	1000	1803	2802	6.197
29	2900	30	3000	233.8	0.0666	15	1008	1794	2802	6.184
31	3100	32	3200	237.4	0.0624	16.02	1025	1779	2802	6.158
33	3300	34	3400	240.9	0.0587	17.04	1042	1760	2802	6.134
35	3500	36	3600	244.2	0.0554	18.06	1058	1744	2802	6.112
37	3700	38	3800	247.3	0.0524	19.08	1073	1728	2801	6.09
39	3900	40	4000	250.3	0.0497	20.09	1087	1713	2800	6.069