

## Свойства перегретой воды

	P = 0,1 бар (T <sub>кипения</sub> = 48.81 °C)				P = 0,5 бар (T <sub>кипения</sub> = 81.32 °C)				P = 1 бар (T <sub>кипения</sub> = 99.61 °C)			
T	v	u	h	s	v	u	h	s	v	u	h	s
°C	м³/кг	кДж/кг	кДж/кг	кДж/кг·К	м³/кг	кДж/кг	кДж/кг	кДж/кг·К	м³/кг	кДж/кг	кДж/кг	кДж/кг·К
T <sub>кипения</sub>	14.670	2437.2	2583.9	81.488	32.403	2483.2	2645.2	75.931	16.941	2505.6	2675.0	73.589
50	14.867	2443.3	2592.0	81.741	-	-	-	-	-	-	-	-
100	17.196	2515.5	2687.5	84.489	34.187	2511.5	2682.4	76.953	16.959	2506.2	2675.8	73.611
150	19.513	2587.9	2783.0	86.893	38.897	2585.7	2780.2	79.413	19.367	2582.9	2776.6	76.148
200	21.826	2661.4	2879.6	89.049	43.562	2660.0	2877.8	81.592	21.724	2658.2	2875.5	78.356
250	24.136	2736.1	2977.5	91.015	48.206	2735.1	2976.2	83.568	24.062	2733.9	2974.5	80.346
300	26.446	2812.3	3076.7	92.827	52.841	2811.6	3075.8	85.387	26.389	2810.7	3074.5	82.172
400	31.063	2969.3	3280.0	96.094	62.094	2968.9	3279.3	88.659	31.027	2968.3	3278.6	85.452
500	35.680	3132.9	3489.7	98.998	71.338	3132.6	3489.3	91.566	35.655	3132.2	3488.7	88.362
600	40.296	3303.3	3706.3	101.631	80.577	3303.1	3706.0	94.201	40.279	3302.8	3705.6	90.999
700	44.911	3480.8	3929.9	104.056	89.813	3480.6	3929.7	96.626	44.900	3480.4	3929.4	93.424
800	49.527	3665.4	4160.6	106.312	99.047	3665.2	4160.4	98.883	49.519	3665.0	4160.2	95.682
900	54.143	3856.9	4398.3	108.429	108.280	3856.8	4398.2	101.000	54.137	3856.7	4398.0	97.800
1000	58.758	4055.3	4642.8	110.429	117.513	4055.2	4642.7	103.000	58.755	4055.0	4642.6	99.800
1100	63.373	4260.0	4893.8	112.326	126.745	4259.9	4893.7	104.897	63.372	4259.8	4893.6	101.698
1200	67.989	4470.9	5150.8	114.132	135.977	4470.8	5150.7	106.704	67.988	4470.7	5150.6	103.504
1300	72.604	4687.4	5413.4	115.857	145.209	4687.3	5413.3	108.429	72.605	4687.2	5413.3	105.229
	P = 2 бар (T <sub>кипения</sub> = 120.21 °C)				P = 3 бар (T <sub>кипения</sub> = 133.52 °C)				P = 4 бар (T <sub>кипения</sub> = 143.61 °C)			
T <sub>кипения</sub>	0.88578	2529.1	2706.3	71.270	0.60582	2543.2	2724.9	69.917	0.46242	2553.1	2738.1	68.955
150	0.95986	2577.1	2769.1	72.810	0.63402	2571.0	2761.2	70.792	0.47088	2564.4	2752.8	69.306
200	108.049	2654.6	2870.7	75.081	0.71643	2651.0	2865.9	73.132	0.53434	2647.2	2860.9	71.7232
250	119.890	2731.4	2971.2	77.100	0.79645	2728.9	2967.9	75.180	0.59520	2726.4	2964.5	73.804
300	131.623	2808.8	3072.1	78.941	0.87535	2807.0	3069.6	77.037	0.65489	2805.1	3067.1	75.677
400	154.934	2967.2	3277.0	82.236	103.155	2966.0	3275.5	80.347	0.77265	2964.9	3273.9	79.003
500	178.142	3131.4	3487.7	85.153	118.672	3130.6	3486.6	83.271	0.88936	3129.8	3485.5	81.933
600	201.302	3302.2	3704.8	87.793	134.139	3301.6	3704.0	85.915	100.558	3301.0	3703.3	84.580
700	224.434	3479.9	3928.8	90.221	149.580	3479.5	3928.2	88.345	112.152	3479.0	3927.6	87.012
800	247.550	3664.7	4159.8	92.479	165.004	3664.3	4159.3	90.605	123.730	3663.9	4158.9	89.274
900	270.656	3856.3	4397.7	94.598	180.417	3856.0	4397.3	92.725	135.298	3855.7	4396.9	91.394
1000	293.755	4054.8	4642.3	96.599	195.824	4054.5	4642.0	94.726	146.859	4054.3	4641.7	93.396
1100	316.848	4259.6	4893.3	98.497	211.226	4259.4	4893.1	96.624	158.414	4259.2	4892.9	95.295
1200	339.938	4470.5	5150.4	100.304	226.624	4470.3	5150.2	98.431	169.966	4470.2	5150.0	97.102
1300	363.026	4687.1	5413.1	102.029	242.019	4686.9	5413.0	100.157	181.516	4686.7	5412.8	98.828
	P = 5 бар (T <sub>кипения</sub> = 151.83 °C)				P = 6 бар (T <sub>кипения</sub> = 158.83 °C)				P = 8 бар (T <sub>кипения</sub> = 170.41 °C)			
T <sub>кипения</sub>	0.37483	2560.7	2748.1	68.207	0.31560	2566.8	2756.2	67.593	0.24035	2576.0	2768.3	66.616
200	0.42503	2643.3	2855.8	70.610	0.35212	2639.4	2850.6	69.683	0.26088	2631.1	2839.8	68.177
250	0.47443	2723.8	2961.0	72.725	0.39390	2721.2	2957.6	71.833	0.29321	2715.9	2950.4	70.402
300	0.52261	2803.3	3064.6	74.614	0.43442	2801.4	3062.0	73.740	0.32416	2797.5	3056.9	72.345
350	0.57015	2883.0	3168.1	76.346	0.47428	2881.6	3166.1	75.481	0.35442	2878.6	3162.2	74.107
400	0.61731	2963.7	3272.4	77.956	0.51374	2962.5	3270.8	77.097	0.38429	2960.2	3267.7	75.735
500	0.71095	3129.0	3484.5	80.893	0.59200	3128.2	3483.4	80.041	0.44332	3126.6	3481.3	78.692
600	0.80409	3300.4	3702.5	83.544	0.66976	3299.8	3701.7	82.695	0.50186	3298.7	3700.1	81.354
700	0.89696	3478.6	3927.0	85.978	0.74725	3478.1	3926.4	85.132	0.56011	3477.2	3925.3	83.794
800	0.98966	3663.6	4158.4	88.240	0.82457	3663.2	4157.9	87.395	0.61820	3662.5	4157.0	86.061
900	108.227	3855.4	4396.6	90.362	0.90179	3855.1	4396.2	89.518	0.67619	3854.5	4395.5	88.185
1000	117.480	4054.0	4641.4	92.364	0.97893	4053.8	4641.1	91.521	0.73411	4053.3	4640.5	90.189
1100	126.728	4259.0	4892.6	94.263	105.603	4258.8	4892.4	93.420	0.79197	4258.3	4891.9	92.090
1200	135.972	4470.0	5149.8	96.071	113.309	4469.8	5149.6	95.229	0.84980	4469.4	5149.3	93.898
1300	145.214	4686.6	5412.6	97.797	121.012	4686.4	5412.5	96.955	0.90761	4686.1	5412.2	95.625

	Удельный объем пара		Энтальпия	Энтропия	Удельный объем пара		Энтальпия	Энтропия	Удельный объем пара		Энтальпия	Энтропия
T	v	u	h	s	v	u	h	s	v	u	h	s
°C	м³/кг	кДж/кг	кДж/кг	кДж/кг·К	м³/кг	кДж/кг	кДж/кг	кДж/кг·К	м³/кг	кДж/кг	кДж/кг	кДж/кг·К
	P = 10 бар (T <sub>кипения</sub> = 179.88 °C)				P = 12 бар (T <sub>кипения</sub> = 187.96 °C)				P = 14 бар (T <sub>кипения</sub> = 195.04 °C)			
T <sub>кипения</sub>	0.19437	2582.8	2777.1	65.850	0.16326	2587.8	2783.8	65.217	0.14078	2591.8	2788.9	64.675
200	0.20602	2622.3	2828.3	66.956	0.16934	2612.9	2816.1	65.909	0.14303	2602.7	2803.0	64.975
250	0.23275	2710.4	2943.1	69.265	0.19241	2704.7	2935.6	68.313	0.16356	2698.9	2927.9	67.488
300	0.25799	2793.7	3051.6	71.246	0.21386	2789.7	3046.3	70.335	0.18233	2785.7	3040.9	69.553
350	0.28250	2875.7	3158.2	73.029	0.23455	2872.7	3154.2	72.139	0.20029	2869.7	3150.1	71.379
400	0.30661	2957.9	3264.5	74.670	0.25482	2955.5	3261.3	73.793	0.21782	2953.1	3258.1	73.046
500	0.35411	3125.0	3479.1	77.642	0.29464	3123.4	3477.0	76.779	0.25216	3121.8	3474.8	76.047
600	0.40111	3297.5	3698.6	80.311	0.33395	3296.3	3697.0	79.456	0.28597	3295.1	3695.5	78.730
700	0.44783	3476.3	3924.1	82.755	0.37297	3475.3	3922.9	81.904	0.31951	3474.4	3921.7	81.183
800	0.49438	3661.7	4156.1	85.024	0.41184	3661.0	4155.2	84.176	0.35288	3660.3	4154.3	83.458
900	0.54083	3853.9	4394.8	87.150	0.45059	3853.3	4394.0	86.303	0.38614	3852.7	4393.3	85.587
1000	0.58721	4052.7	4640.0	89.155	0.48928	4052.2	4639.4	88.310	0.41933	4051.7	4638.8	87.595
1100	0.63354	4257.9	4891.4	91.057	0.52792	4257.5	4891.0	90.212	0.45247	4257.0	4890.5	89.497
1200	0.67983	4469.0	5148.9	92.866	0.56652	4468.7	5148.5	92.022	0.48558	4468.3	5148.1	91.308
1300	0.72610	4685.8	5411.9	94.593	0.60509	4685.5	5411.6	93.750	0.51866	4685.1	5411.3	93.036
	P = 16 бар (T <sub>кипения</sub> = 201.37 °C)				P = 18 бар (T <sub>кипения</sub> = 207.11 °C)				P = 20 бар (T <sub>кипения</sub> = 212.38 °C)			
T <sub>кипения</sub>	0.12374	2594.8	2792.8	64.200	0.11037	2597.3	2795.9	63.775	0.09959	2599.1	2798.3	63.390
225	0.13293	2645.1	2857.8	65.537	0.11678	2637.0	2847.2	64.825	0.10381	2628.5	2836.1	64.160
250	0.14190	2692.9	2919.9	66.753	0.12502	2686.7	2911.7	66.088	0.11150	2680.3	2903.3	65.475
300	0.15866	2781.6	3035.4	68.864	0.14025	2777.4	3029.9	68.246	0.12551	2773.2	3024.2	67.684
350	0.17459	2866.6	3146.0	70.713	0.15460	2863.6	3141.9	70.120	0.13860	2860.5	3137.7	69.583
400	0.19007	2950.8	3254.9	72.394	0.16849	2948.3	3251.6	71.814	0.15122	2945.9	3248.4	71.292
500	0.22029	3120.1	3472.6	75.410	0.19551	3118.5	3470.4	74.845	0.17568	3116.9	3468.3	74.337
600	0.24999	3293.9	3693.9	78.101	0.22200	3292.7	3692.3	77.543	0.19962	3291.5	3690.7	77.043
700	0.27941	3473.5	3920.5	80.558	0.24822	3472.6	3919.4	80.005	0.22326	3471.7	3918.2	79.509
800	0.30865	3659.5	4153.4	82.834	0.27426	3658.8	4152.4	82.284	0.24674	3658.0	4151.5	81.791
900	0.33780	3852.1	4392.6	84.965	0.30020	3851.5	4391.9	84.417	0.27012	3850.9	4391.1	83.925
1000	0.36687	4051.2	4638.2	86.974	0.32606	4050.7	4637.6	86.427	0.29342	4050.2	4637.1	85.936
1100	0.39589	4256.6	4890.0	88.878	0.35188	4256.2	4889.6	88.331	0.31667	4255.7	4889.1	87.842
1200	0.42488	4467.9	5147.7	90.689	0.37766	4467.6	5147.3	90.143	0.33989	4467.2	5147.0	89.654
1300	0.45383	4684.8	5410.9	92.418	0.40341	4684.5	5410.6	91.872	0.36308	4684.2	5410.3	91.384
	P = 25 бар (T <sub>кипения</sub> = 223.95 °C)				P = 30 бар (T <sub>кипения</sub> = 233.85 °C)				P = 35 бар (T <sub>кипения</sub> = 242.56 °C)			
T <sub>кипения</sub>	0.07995	2602.1	2801.9	62.558	0.06667	2603.2	2803.2	61.856	0.05706	2603.0	2802.7	61.244
225	0.08026	2604.8	2805.5	62.629	-	-	-	-	-	-	-	-
250	0.08705	2663.3	2880.9	64.107	0.07063	2644.7	2856.5	62.893	0.05876	2642.0	2829.7	61.764
300	0.09894	2762.2	3009.6	66.459	0.08118	2750.8	2994.3	65.412	0.06845	2738.8	2978.4	64.484
350	0.10979	2852.5	3127.0	68.424	0.09056	2844.4	3116.1	67.450	0.07680	2836.0	3104.9	66.601
400	0.12012	2939.8	3240.1	70.170	0.09938	2933.6	3231.7	69.235	0.08456	2927.2	3223.2	68.428
450	0.13015	3026.2	3351.6	71.768	0.10789	3021.2	3344.9	70.856	0.09198	3016.1	3338.1	70.074
500	0.13999	3112.8	3462.8	73.254	0.11620	3108.6	3457.2	72.359	0.09919	3104.5	3451.7	71.593
600	0.15931	3288.5	3686.8	75.979	0.13245	3285.5	3682.8	75.103	0.11325	3282.5	3678.9	74.357
700	0.17835	3469.3	3915.2	78.455	0.14841	3467.0	3912.2	77.590	0.12702	3464.7	3909.3	76.855
800	0.19722	3656.2	4149.2	80.744	0.16420	3654.3	4146.9	79.855	0.14061	3652.5	4144.6	79.156
900	0.21597	3849.4	4389.3	82.882	0.17988	3847.9	4387.5	82.028	0.15410	3846.4	4385.7	81.304
1000	0.23466	4049.0	4635.6	84.897	0.19549	4047.7	4634.2	84.045	0.16751	4046.4	4632.7	83.324
1100	0.25330	4254.7	4887.9	86.804	0.21105	4253.6	4886.7	85.955	0.18087	4252.5	4885.6	85.236
1200	0.27190	4466.3	5146.0	88.618	0.22658	4465.3	5145.1	87.771	0.19420	4464.4	5144.1	87.053
1300	0.29048	4683.4	5409.5	90.349	0.24207	4682.6	5408.8	89.502	0.20750	4681.8	5408.0	88.786

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T	v	u	h	s	v	u	h	s	v	u	h	s
°C	м³/кг	кДж/кг	кДж/кг	кДж/кг·К	м³/кг	кДж/кг	кДж/кг	кДж/кг·К	м³/кг	кДж/кг	кДж/кг	кДж/кг·К
	P = 40 бар (T <sub>кипения</sub> = 250.35 °C)				P = 45 бар (T <sub>кипения</sub> = 257.44 °C)				P = 50 бар (T <sub>кипения</sub> = 263.94 °C)			
T <sub>кипения</sub>	0.04978	2601.7	2800.8	60.696	0.04406	2599.7	2798.0	60.198	0.03945	2597.0	2794.2	59.737
275	0.05461	2668.9	2887.3	62.312	0.04733	2651.4	2864.4	61.429	0.04144	2632.3	2839.5	60.571
300	0.05887	2726.2	2961.7	63.639	0.05138	2713.0	2944.2	62.854	0.04535	2699.0	2925.7	62.111
350	0.06647	2827.4	3093.3	65.843	0.05842	2818.6	3081.5	65.153	0.05197	2809.5	3069.3	64.516
400	0.07343	2920.8	3214.5	67.714	0.06477	2914.2	3205.7	67.071	0.05784	2907.5	3196.7	66.483
450	0.08004	3011.0	3331.2	69.386	0.07076	3005.8	3324.2	68.770	0.06332	3000.6	3317.2	68.210
500	0.08644	3100.3	3446.0	70.922	0.07652	3096.0	3440.4	70.323	0.06858	3091.8	3434.7	69.781
600	0.09886	3279.4	3674.9	73.706	0.08766	3276.4	3670.9	73.127	0.07870	3273.3	3666.9	72.605
700	0.11098	3462.4	3906.3	76.214	0.09850	3460.0	3903.3	75.647	0.08852	3457.7	3900.3	75.136
800	0.12292	3650.6	4142.3	78.523	0.10916	3648.8	4140.0	77.962	0.09816	3646.9	4137.7	77.458
900	0.13476	3844.8	4383.9	80.675	0.11972	3843.3	4382.1	80.118	0.10769	3841.8	4380.2	79.619
1000	0.14653	4045.1	4631.2	82.698	0.13020	4043.9	4629.8	82.144	0.11715	4042.6	4628.3	81.648
1100	0.15824	4251.4	4884.4	84.612	0.14064	4250.4	4883.2	84.060	0.12655	4249.3	4882.1	83.566
1200	0.16992	4463.5	5143.2	86.430	0.15103	4462.6	5142.2	85.880	0.13592	4461.6	5141.3	85.388
1300	0.18157	4680.9	5407.2	88.164	0.16140	4680.1	5406.5	87.616	0.14527	4679.3	5405.7	87.124
	P = 60 бар (T <sub>кипения</sub> = 257.59 °C)				P = 70 бар (T <sub>кипения</sub> = 285.83 °C)				P = 80 бар (T <sub>кипения</sub> = 295.01 °C)			
T <sub>кипения</sub>	0.03245	2589.9	2784.6	58.902	0.027378	2581.0	2772.6	58.148	0.023525	2570.5	2758.7	57.450
300	0.03619	2668.4	2885.6	60.703	0.029492	2633.5	2839.9	59.337	0.024279	2592.3	2786.5	57.937
350	0.04225	2790.4	3043.9	63.357	0.035262	2770.1	3016.9	62.305	0.029975	2748.3	2988.1	61.321
400	0.04742	2893.7	3178.3	65.432	0.039958	2879.5	3159.2	64.502	0.034344	2864.6	3139.4	63.658
450	0.05217	2989.9	3302.9	67.219	0.044187	2979.0	3288.3	66.353	0.038194	2967.8	3273.3	65.579
500	0.05667	3083.1	3423.1	68.826	0.048157	3074.3	3411.4	68.000	0.041767	3065.4	3399.5	67.266
550	0.06102	3175.2	3541.3	70.308	0.051966	3167.9	3531.6	69.507	0.045172	3160.5	3521.8	68.800
600	0.06527	3267.2	3658.8	71.693	0.055665	3261.0	3650.6	70.910	0.048463	3254.7	3642.4	70.221
700	0.07355	3453.0	3894.3	74.247	0.062850	3448.3	3888.3	73.487	0.054829	3443.6	3882.2	72.822
800	0.08165	3643.2	4133.1	76.582	0.069856	3639.5	4128.5	75.836	0.061011	3635.7	4123.8	75.185
900	0.08964	3838.8	4376.6	78.751	0.076750	3835.7	4373.0	78.014	0.067082	3832.7	4369.3	77.372
1000	0.09756	4040.1	4625.4	80.786	0.083571	4037.5	4622.5	80.055	0.073079	4035.0	4619.6	79.419
1100	0.10543	4247.1	4879.7	82.709	0.090341	4245.0	4877.4	81.982	0.079025	4242.8	4875.0	81.350
1200	0.11326	4459.8	5139.4	84.534	0.097075	4457.9	5137.4	83.810	0.084934	4456.1	5135.5	83.181
1300	0.12107	4677.7	5404.1	86.273	0.103781	4676.1	5402.6	85.551	0.090817	4674.5	5401.0	84.925
	P = 90 бар (T <sub>кипения</sub> = 303.35 °C)				P = 100 бар (T <sub>кипения</sub> = 311.00 °C)				P = 125 бар (T <sub>кипения</sub> = 327.81 °C)			
T <sub>кипения</sub>	0.020489	2558.5	2742.9	56.791	0.018028	2545.2	2725.5	56.159	0.013496	2505.6	2674.3	54.638
325	0.023284	2647.6	2857.1	58.738	0.019877	2611.6	2810.3	57.596	-	-	-	-
350	0.025816	2725.0	2957.3	60.380	0.022440	2699.6	2924.0	59.460	0.016138	2624.9	2826.6	57.130
400	0.029960	2849.2	3118.8	62.876	0.026436	2833.1	3097.5	62.141	0.020030	2789.6	3040.0	60.433
450	0.033524	2956.3	3258.0	64.872	0.029782	2944.5	3242.4	64.219	0.23019	2913.7	3201.5	62.749
500	0.036793	3056.3	3387.4	66.603	0.032811	3047.0	3375.1	65.995	0.025630	3023.2	3343.6	64.651
550	0.039885	3153.0	3512.0	68.164	0.035655	3145.4	3502.0	67.585	0.028033	3126.1	3476.5	66.317
600	0.042861	3248.4	3634.1	69.605	0.038378	3240.0	3625.8	69.045	0.03306	3225.8	3604.6	67.828
650	0.045755	3343.4	3755.2	70.954	0.041018	3338.0	3748.1	70.408	0.032491	3324.1	3730.2	69.227
700	0.048589	3438.8	3876.1	72.229	0.043597	3434.0	3870.0	71.693	0.034612	3422.0	3854.6	70.540
800	0.054132	3632.0	4119.2	74.606	0.048629	3628.2	4114.5	74.085	0.038724	3618.8	4102.8	72.967
900	0.059562	3829.6	4365.7	76.802	0.053547	3826.5	4362.0	76.290	0.042720	3818.9	4352.9	75.195
1000	0.064919	4032.4	4616.7	78.855	0.058391	4029.9	4613.8	78.349	0.046641	4023.5	4606.5	77.269
1100	0.070224	4240.7	4872.7	80.791	0.063183	4238.5	4870.3	80.289	0.050510	4233.1	4864.5	79.220
1200	0.075492	4454.2	5133.6	82.625	0.067938	4452.4	5131.7	82.126	0.054342	4447.7	5127.0	81.065
1300	0.080733	4672.9	5399.5	84.371	0.072667	4671.3	5398.0	83.874	0.058147	4667.3	5394.1	82.819

	Удельный объем пара		Энтальпия		Удельный объем пара		Энтальпия		Удельный объем пара		Энтальпия	
T	v	u	h	s	v	u	h	s	v	u	h	s
°C	м³/кг	кДж/кг	кДж/кг	кДж/кг·К	м³/кг	кДж/кг	кДж/кг	кДж/кг·К	м³/кг	кДж/кг	кДж/кг	кДж/кг·К
	P = 150 бар (T <sub>кипения</sub> = 342.16 °C)				P = 175 бар (T <sub>кипения</sub> = 354.67 °C)				P = 200 бар (T <sub>кипения</sub> = 365.75 °C)			
T <sub>кипения</sub>	0.010341	2455.7	2610.8	53.108	0.007932	2390.7	2529.5	51.435	0.005862	2294.8	2412.1	49.310
350	0.11481	2520.9	2693.1	54.438	-	-	-	-	-	-	-	-
400	0.015671	2740.6	2975.7	58.819	0.12463	2684.3	2902.4	57.211	0.009950	2617.9	2816.9	55.526
450	0.018477	2880.8	3157.9	61.434	0.015204	2845.4	3111.4	60.212	0.012721	2807.3	3061.7	59.043
500	0.020828	2998.4	3310.8	63.480	0.017385	2972.4	3276.7	62.424	0.014793	2945.3	3241.2	61.446
550	0.022945	3106.2	3450.4	65.230	0.019305	3085.8	3423.6	64.266	0.016571	3046.7	3396.2	63.390
600	0.024921	3209.3	3583.1	66.796	0.021073	3192.5	3561.3	65.890	0.018185	3175.3	3539.0	65.075
650	0.026804	3310.1	3721.1	68.233	0.022742	3295.8	363.8	67.366	0.019695	3281.4	3675.3	66.593
700	0.28621	3409.8	3839.1	69.573	0.024342	3397.5	3823.5	68.735	0.021134	3385.1	3807.8	67.991
800	0.032121	3609.3	4091.1	72.037	0.027405	3599.7	4079.3	71.237	0.023870	3590.1	4067.5	70.531
900	0.035503	3811.2	4343.7	74.288	0.030348	3803.5	4334.6	73.511	0.026484	3795.7	4325.4	72.829
1000	0.038808	4017.1	4599.2	76.378	0.033215	4010.7	4592.0	75.616	0.029020	4004.3	4584.7	74.950
1100	0.042062	4227.7	4858.6	78.339	0.036029	4222.3	4852.8	77.588	0.031504	4216.9	4847.0	76.933
1200	0.045279	4443.1	5122.3	80.192	0.038806	4438.5	5117.6	79.449	0.033952	4433.8	5112.9	78.802
1300	0.048469	4663.3	5390.3	81.952	0.041556	4659.2	5386.5	81.215	0.036371	4655.2	5382.7	80.574
	P = 250 бар				P = 300 бар				P = 350 бар			
375	0.001978	1799.9	1894.4	40.345	0.001792	1738.1	1791.9	39.313	0.001701	1702.8	1762.4	38.724
400	0.006005	2428.5	2578.7	51.400	0.002798	2068.9	2152.8	44.758	0.002105	1914.9	1988.6	42.144
425	0.007886	2607.8	2805.0	54.708	0.005299	2452.9	2611.8	51.473	0.003434	2253.3	2373.5	47.751
450	0.09176	2721.2	2950.6	56.759	0.06737	2618.9	2821.0	54.422	0.004957	2497.5	2671.0	51.946
500	0.011143	2887.3	3165.9	59.643	0.008691	2824.0	3084.8	57.956	0.006933	2755.3	2997.9	56.331
550	0.012736	3020.8	3339.2	61.816	0.010175	2974.5	3279.7	60.403	0.008348	2925.8	3218.0	59.093
600	0.014140	3140.0	3493.5	63.637	0.011445	3103.4	3446.8	62.373	0.009523	3065.6	3399.0	61.229
650	0.015430	3251.9	3637.7	65.243	0.012590	3221.7	3599.4	64.074	0.010565	3190.9	3560.7	63.030
700	0.016643	3359.9	3776.0	66.702	0.013654	3334.3	3743.9	65.599	0.011523	3308.3	3711.6	64.623
800	0.018922	3570.7	4043.8	69.322	0.015628	3551.2	4020.0	68.301	0.013278	3531.6	3996.3	67.409
900	0.021075	3780.2	4307.1	71.668	0.017473	3764.6	4288.8	70.695	0.014904	3749.0	4270.6	69.853
1000	0.023150	3991.5	4570.2	73.821	0.019240	3978.6	4555.8	72.880	0.016450	3965.8	4541.5	72.069
1100	0.025172	4206.1	4835.4	75.825	0.020954	4195.2	4823.9	74.906	0.017942	4184.4	4812.4	74.118
1200	0.027157	4424.6	5103.5	77.710	0.022630	4415.3	5094.2	76.807	0.019398	4406.1	5085.0	76.034
1300	0.029115	4647.2	5375.1	79.494	0.024279	4639.2	5367.6	78.602	0.020827	4631.2	5360.2	77.841
	P = 400 бар				P = 500 бар				P = 600 бар			
375	0.001641	1677.0	1742.6	38.290	0.001560	1638.6	1716.6	37.642	0.001503	1609.7	1699.9	37.149
400	0.001911	1855.0	1931.4	41.145	0.001731	1787.8	1874.4	40.029	0.001633	1745.2	1843.2	39.317
425	0.002538	2097.5	2199.0	45.044	0.002009	1960.3	2060.7	42.746	0.001816	1892.9	2001.8	41.630
450	0.003692	2364.2	2511.8	49.449	0.002487	2160.3	2284.7	45.896	0.002086	2055.1	2180.2	44.140
500	0.005623	2681.6	2906.5	54.744	0.003890	2528.1	2722.6	51.762	0.002952	2393.2	2570.3	49.356
550	0.006985	2875.1	3154.4	57.857	0.005118	2769.5	3025.4	55.563	0.003955	2664.6	2901.9	53.517
600	0.008089	3026.8	3350.4	60.170	0.006108	2947.1	3252.6	58.245	0.004833	2866.8	3156.8	56.527
650	0.009053	3159.5	3521.6	62.078	0.006957	3095.6	3443.5	60.373	0.005591	3031.3	3366.8	58.867
700	0.009930	3282.0	3679.2	63.740	0.007717	3228.7	3614.6	62.179	0.006265	3175.4	3551.3	60.814
800	0.011521	3511.8	3972.6	66.613	0.009073	3472.2	3925.8	65.225	0.007456	3432.6	3880.0	64.033
900	0.012980	3733.3	4252.5	69.107	0.010296	3702.0	4216.8	67.819	0.008519	3670.9	4182.1	66.725
1000	0.014360	3952.9	4527.3	71.355	0.011441	3927.4	4499.4	70.131	0.009504	3902.0	4472.2	69.099
1100	0.015686	4173.7	4801.1	73.425	0.012534	4152.2	4778.9	72.244	0.010439	4130.9	4757.3	71.255
1200	0.016976	4396.9	5075.9	75.357	0.013590	4378.6	5058.1	74.207	0.011339	4360.5	5040.8	72.248
1300	0.018239	4623.3	5325.8	77.175	0.014620	4607.5	5338.5	76.048	0.012213	4591.8	5324.5	75.111