

KIZGIN BUHAR TABLOSU
SUPERHEATED STEAM TABLE
Перегретый пар Таблица
4 - 36 bar / 250 - 450 °C

Kızgın Buhar Sıcaklığı Temperature of Superheated Steam Температура перегретого пара	Basınç Pressure Давление	Doyma Sıcaklığı Saturation Temperature Насыщения Температура	Kızdırma Sıcaklığı Degrees Superheat Градусов Перегрев	Su Özgül Isı Tutumu Specific Enthalpy of Water Конкретные Энтальпия Воды	Buharlaştırma Gizli Isısı Specific Enthalpy of Evaporation Энтальпия Испарения	Kızgın Buhar Özgül Isı Tutumu Specific Enthalpy of Superheated Steam Удельная энтальпия перегретых Пары	Buhar Özgül Kütle Density of Steam Плотность Пары	Buhar Özgül Hacmi Specific Volume of Steam Удельный объем пара	Buhar Özgül Isınma Isısı Specific Heat of Steam Конкретные Тепло Пары
°C	bar-g	°C	°C	kcal/kg	kcal/kg	kcal/kg	kg/m³	m³/kg	kcal/kg °K
200	4.0	151.966	48.034	153.064	503.468	681.881	2.360	0.4237	0.5637
	5.0	158.949	41.051	160.294	498.161	680.627	2.848	0.3512	0.6802
	6.0	165.059	34.941	166.648	493.389	679.340	3.341	0.2993	0.7981
	7.0	170.513	29.487	172.342	489.020	678.024	3.842	0.2603	0.9176
	8.0	175.451	24.549	177.519	484.974	676.677	4.349	0.2299	1.0388
	9.0	179.974	20.026	182.280	481.186	675.294	4.864	0.2056	1.1616
	10.0	184.154	15.846	186.695	477.613	673.877	5.386	0.1857	1.2863
	11.0	188.045	11.955	190.821	474.224	672.425	5.916	0.1690	1.4129
	12.0	191.691	8.309	194.700	470.990	670.935	6.454	0.1549	1.5416
	13.0	195.123	4.877	198.365	467.890	669.404	7.002	0.1428	1.6723
14.0	198.368	1.632	201.843	464.911	667.832	7.559	0.1323	1.8054	
225	4.0	151.966	73.034	153.064	503.468	694.528	2.229	0.4486	0.5324
	5.0	158.949	66.051	160.294	498.161	693.508	2.686	0.3723	0.6416
	6.0	165.059	59.941	166.648	493.389	692.472	3.148	0.3177	0.7519
	7.0	170.513	54.487	172.342	489.020	691.416	3.614	0.2767	0.8632
	8.0	175.451	49.549	177.519	484.974	690.341	4.085	0.2448	0.9758
	9.0	179.974	45.026	182.280	481.186	689.247	4.561	0.2192	1.0895
	10.0	184.154	40.846	186.695	477.613	688.134	5.043	0.1983	1.2044
	11.0	188.045	36.955	190.821	474.224	687.002	5.529	0.1808	1.3207
	12.0	191.691	33.309	194.700	470.990	685.848	6.022	0.1661	1.4383
	13.0	195.123	29.877	198.365	467.890	684.673	6.520	0.1534	1.5573
	14.0	198.368	26.632	201.843	464.911	683.474	7.024	0.1424	1.6777
	15.0	201.450	23.550	205.156	462.038	682.254	7.535	0.1327	0.6118
	16.0	204.384	20.616	208.322	459.258	681.007	8.052	0.1242	0.6248
	17.0	207.188	17.812	211.356	456.561	679.736	8.577	0.1166	0.6384
	18.0	209.873	15.127	214.272	453.943	678.439	9.108	0.1098	0.6526
	19.0	212.450	12.550	217.081	451.392	677.116	9.647	0.1037	0.6676
	20.0	214.930	10.070	219.791	448.908	675.764	10.194	0.0981	0.6834
21.0	217.319	7.681	222.411	446.479	674.384	10.750	0.0930	0.6999	
22.0	219.626	5.374	224.949	444.105	672.972	11.314	0.0884	0.7173	
23.0	221.857	3.143	227.411	441.781	671.527	11.887	0.0841	0.7357	
24.0	224.017	0.983	229.803	439.503	670.049	12.471	0.0802	0.7551	
250	4.0	151.966	98.034	153.313	504.287	708.158	2.114	0.4730	0.4979
	5.0	158.949	91.051	160.554	498.971	707.309	2.545	0.3929	0.5038
	6.0	165.059	84.941	166.919	494.191	706.447	2.980	0.3356	0.5099
	7.0	170.513	79.487	172.622	489.816	705.574	3.418	0.2926	0.5162
	8.0	175.451	74.549	177.808	485.763	704.691	3.859	0.2591	0.5227
	9.0	179.974	70.026	182.576	481.969	703.797	4.304	0.2323	0.5295
	10.0	184.154	65.846	186.999	478.390	702.890	4.753	0.2104	0.5365
	11.0	188.045	61.955	191.132	474.995	701.971	5.206	0.1921	0.5437
	12.0	191.691	58.309	195.017	471.756	701.041	5.663	0.1766	0.5512
	13.0	195.123	54.877	198.688	468.651	700.098	6.124	0.1633	0.5589
	14.0	198.368	51.632	202.172	465.667	699.141	6.589	0.1518	0.5669
	15.0	201.450	48.550	205.490	462.789	698.172	7.058	0.1417	0.5752
	16.0	204.384	45.616	208.661	460.005	697.187	7.532	0.1328	0.5837
	17.0	207.188	42.812	211.700	457.304	696.191	8.011	0.1248	0.4228
	18.0	209.873	40.127	214.621	454.682	695.179	8.494	0.1177	0.4272
	19.0	212.450	37.550	217.434	452.127	694.151	8.982	0.1113	0.4318
	20.0	214.930	35.070	220.148	449.639	693.110	9.476	0.1055	0.4364
	21.0	217.319	32.681	222.773	447.206	692.053	9.974	0.1003	0.4412
	22.0	219.626	30.374	225.315	444.828	690.978	10.479	0.0954	0.4462
	23.0	221.857	28.143	227.781	442.500	689.888	10.988	0.0910	0.4512
24.0	224.017	25.983	230.177	440.218	688.782	11.504	0.0869	0.4564	
25.0	226.112	23.888	232.506	437.976	687.656	12.026	0.0832	0.4617	
26.0	228.145	21.855	234.775	435.778	686.512	12.554	0.0797	0.4672	
27.0	230.121	19.879	236.987	433.615	685.352	13.089	0.0764	0.4728	
28.0	232.044	17.956	239.145	431.486	684.170	13.630	0.0734	0.4786	
29.0	233.916	16.084	241.254	429.392	682.967	14.179	0.0705	0.4845	
30.0	235.741	14.259	243.316	427.328	681.744	14.735	0.0679	0.4906	
31.0	237.521	12.479	245.333	425.292	680.500	15.299	0.0654	0.4969	
32.0	239.259	10.741	247.306	423.282	679.232	15.871	0.0630	0.5033	
33.0	240.957	9.043	249.242	421.301	677.940	16.451	0.0608	0.5099	
34.0	242.617	7.383	251.141	419.342	676.624	17.040	0.0587	0.5168	
35.0	244.241	5.759	253.002	417.409	675.282	17.639	0.0567	0.5238	
36.0	245.831	4.169	254.833	415.495	673.916	18.247	0.0548	0.5310	
275	4.0	151.966	123.034	153.313	504.287	720.572	2.011	0.4972	0.4957
	5.0	158.949	116.051	160.554	498.971	719.852	2.420	0.4133	0.5002
	6.0	165.059	109.941	166.919	494.191	719.124	2.831	0.3532	0.5048
	7.0	170.513	104.487	172.622	489.816	718.390	3.245	0.3082	0.5096
	8.0	175.451	99.549	177.808	485.763	717.648	3.661	0.2731	0.5145
	9.0	179.974	95.026	182.576	481.969	716.897	4.080	0.2451	0.5195
	10.0	184.154	90.846	186.999	478.390	716.141	4.502	0.2221	0.5247
	11.0	188.045	86.955	191.132	474.995	715.378	4.927	0.2029	0.5299
	12.0	191.691	83.309	195.017	471.756	714.605	5.355	0.1867	0.5354
	13.0	195.123	79.877	198.688	468.651	713.828	5.786	0.1728	0.5409
	14.0	198.368	76.632	202.172	465.667	713.041	6.220	0.1608	0.5467
	15.0	201.450	73.550	205.490	462.789	712.244	6.657	0.1502	0.5525
	16.0	204.384	70.616	208.661	460.005	711.440	7.097	0.1409	0.5586
	17.0	207.188	67.812	211.700	457.304	710.629	7.541	0.1326	0.4098
	18.0	209.873	65.127	214.621	454.682	709.809	7.988	0.1252	0.4129
	19.0	212.450	62.550	217.434	452.127	708.978	8.438	0.1185	0.4161
	20.0	214.930	60.070	220.148	449.639	708.141	8.892	0.1125	0.4193
	21.0	217.319	57.681	222.773	447.206	707.294	9.350	0.1070	0.4225
	22.0	219.626	55.374	225.315	444.828	706.438	9.811	0.1019	0.4259
	23.0	221.857	53.143	227.781	442.500	705.572	10.277	0.0973	0.4293
24.0	224.017	50.983	230.177	440.218	704.696	10.746	0.0931	0.4328	
25.0	226.112	48.888	232.506	437.976	703.811	11.219	0.0891	0.4363	
26.0	228.145	46.855	234.775	435.778	702.916	11.696	0.0855	0.4400	
27.0	230.121	44.879	236.987	433.615	702.010	12.178	0.0821	0.4437	
28.0	232.044	42.956	239.145	431.486	701.093	12.664	0.0790	0.4474	
29.0	233.916	41.084	241.254	429.392	700.165	13.154	0.0760	0.4513	
30.0	235.741	39.259	243.316	427.328	699.227	13.649	0.0733	0.4552	
31.0	237.521	37.479	245.333	425.292	698.278	14.149	0.0707	0.4592	
32.0	239.259	35.741	247.306	423.282	697.316	14.654	0.0682	0.4633	
33.0	240.957	34.043	249.242	421.301	696.342	15.164	0.0659	0.4675	
34.0	242.617	32.383	251.141	419.342	695.356	15.679	0.0638	0.4718	
35.0	244.241	30.759	253.002	417.409	694.359	16.199	0.0617	0.4762	
36.0	245.831	29.169	254.833	415.495	693.347	16.725	0.0598	0.4806	

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SUPERHEATED STEAM TABLE
Перегретый пар Таблица
4 - 36 bar / 250 - 450 °C

Kızgın Buhar Sıcaklığı Temperature of Superheated Steam Температура перегретого пара	Basınç Pressure Давление	Doyma Sıcaklığı Saturation Temperature Насыщения Температура	Kızdırma Sıcaklığı Degrees Superheat Градусов Перегрев	Su Özgül Isı Tutumu Specific Enthalpy of Water Конкретные Энтальпия Воды	Buharlaştırma Gizli Isısı Specific Enthalpy of Evaporation Энтальпия Испарения	Kızgın Buhar Özgül Isı Tutumu Specific Enthalpy of Superheated Steam Удельная энтальпия перегретых Пары	Buhar Özgül Kütle Density of Steam Плотность Пары	Buhar Özgül Hacmi Specific Volume of Steam Удельный объем пара	Buhar Özgül Isınma Isısı Specific Heat of Steam Конкретные Тепло Пары
°C	bar-g	°C	°C	kcal/kg	kcal/kg	kcal/kg	kg/m³	m³/kg	kcal/kg °K
300	4.0	151.966	148.034	153.313	504.287	732.955	1.919	0.5212	0.4951
	5.0	158.949	141.051	160.554	498.971	732.335	2.307	0.4334	0.4987
	6.0	165.059	134.941	166.919	494.191	731.708	2.698	0.3706	0.5023
	7.0	170.513	129.487	172.622	489.816	731.079	3.091	0.3236	0.5060
	8.0	175.451	124.549	177.808	485.763	730.445	3.485	0.2869	0.5098
	9.0	179.974	120.026	182.576	481.969	729.806	3.882	0.2576	0.5137
	10.0	184.154	115.846	186.999	478.390	729.163	4.281	0.2336	0.5176
	11.0	188.045	111.955	191.132	474.995	728.514	4.683	0.2136	0.5216
	12.0	191.691	108.309	195.017	471.756	727.861	5.086	0.1966	0.5257
	13.0	195.123	104.877	198.688	468.651	727.201	5.492	0.1821	0.5299
	14.0	198.368	101.632	202.172	465.667	726.538	5.900	0.1695	0.5342
	15.0	201.450	98.550	205.490	462.789	725.868	6.310	0.1585	0.5386
	16.0	204.384	95.616	208.661	460.005	725.196	6.723	0.1487	0.5430
	17.0	207.188	92.812	211.700	457.304	724.517	7.139	0.1401	0.4024
	18.0	209.873	90.127	214.621	454.682	723.833	7.557	0.1323	0.4047
	19.0	212.450	87.550	217.434	452.127	723.141	7.977	0.1254	0.4069
	20.0	214.930	85.070	220.148	449.639	722.447	8.400	0.1190	0.4092
	21.0	217.319	82.681	222.773	447.206	721.744	8.826	0.1133	0.4116
	22.0	219.626	80.374	225.315	444.828	721.038	9.254	0.1081	0.4140
	23.0	221.857	78.143	227.781	442.500	720.325	9.685	0.1033	0.4164
24.0	224.017	75.983	230.177	440.218	719.608	10.119	0.0988	0.4188	
25.0	226.112	73.888	232.506	437.976	718.883	10.556	0.0947	0.4213	
26.0	228.145	71.855	234.775	435.778	718.153	10.995	0.0909	0.4239	
27.0	230.121	69.879	236.987	433.615	717.416	11.438	0.0874	0.4264	
28.0	232.044	67.956	239.145	431.486	716.672	11.884	0.0841	0.4291	
29.0	233.916	66.084	241.254	429.392	715.923	12.332	0.0811	0.4317	
30.0	235.741	64.259	243.316	427.328	715.167	12.784	0.0782	0.4344	
31.0	237.521	62.479	245.333	425.292	714.407	13.240	0.0755	0.4372	
32.0	239.259	60.741	247.306	423.282	713.636	13.698	0.0730	0.4400	
33.0	240.957	59.043	249.242	421.301	712.861	14.160	0.0706	0.4428	
34.0	242.617	57.383	251.141	419.342	712.079	14.625	0.0684	0.4457	
35.0	244.241	55.759	253.002	417.409	711.287	15.094	0.0663	0.4486	
36.0	245.831	54.169	254.833	415.495	710.490	15.567	0.0642	0.4516	
325	4.0	151.966	173.034	153.313	504.287	745.340	1.835	0.5449	0.4958
	5.0	158.949	166.051	160.554	498.971	744.799	2.206	0.4533	0.4986
	6.0	165.059	159.941	166.919	494.191	744.254	2.578	0.3879	0.5015
	7.0	170.513	154.487	172.622	489.816	743.708	2.952	0.3387	0.5045
	8.0	175.451	149.549	177.808	485.763	743.158	3.328	0.3005	0.5075
	9.0	179.974	145.026	182.576	481.969	742.605	3.705	0.2699	0.5105
	10.0	184.154	140.846	186.999	478.390	742.048	4.084	0.2449	0.5136
	11.0	188.045	136.955	191.132	474.995	741.488	4.465	0.2240	0.5168
	12.0	191.691	133.309	195.017	471.756	740.926	4.847	0.2063	0.5200
	13.0	195.123	129.877	198.688	468.651	740.359	5.232	0.1911	0.5232
	14.0	198.368	126.632	202.172	465.667	739.789	5.618	0.1780	0.5265
	15.0	201.450	123.550	205.490	462.789	739.215	6.006	0.1665	0.5299
	16.0	204.384	120.616	208.661	460.005	738.639	6.395	0.1564	0.5333
	17.0	207.188	117.812	211.700	457.304	738.060	6.787	0.1473	0.3985
	18.0	209.873	115.127	214.621	454.682	737.476	7.181	0.1393	0.4002
	19.0	212.450	112.550	217.434	452.127	736.890	7.576	0.1320	0.4019
	20.0	214.930	110.070	220.148	449.639	736.299	7.974	0.1254	0.4036
	21.0	217.319	107.681	222.773	447.206	735.703	8.373	0.1194	0.4053
	22.0	219.626	105.374	225.315	444.828	735.105	8.775	0.1140	0.4071
	23.0	221.857	103.143	227.781	442.500	734.505	9.178	0.1090	0.4089
24.0	224.017	100.983	230.177	440.218	733.900	9.584	0.1043	0.4107	
25.0	226.112	98.888	232.506	437.976	733.289	9.992	0.1001	0.4125	
26.0	228.145	96.855	234.775	435.778	732.677	10.401	0.0961	0.4143	
27.0	230.121	94.879	236.987	433.615	732.060	10.814	0.0925	0.4162	
28.0	232.044	92.956	239.145	431.486	731.440	11.228	0.0891	0.4181	
29.0	233.916	91.084	241.254	429.392	730.816	11.645	0.0859	0.4200	
30.0	235.741	89.259	243.316	427.328	730.187	12.064	0.0829	0.4220	
31.0	237.521	87.479	245.333	425.292	729.553	12.485	0.0801	0.4239	
32.0	239.259	85.741	247.306	423.282	728.916	12.909	0.0775	0.4259	
33.0	240.957	84.043	249.242	421.301	728.275	13.335	0.0750	0.4279	
34.0	242.617	82.383	251.141	419.342	727.629	13.763	0.0727	0.4300	
35.0	244.241	80.759	253.002	417.409	726.978	14.194	0.0705	0.4320	
36.0	245.831	79.169	254.833	415.495	726.325	14.628	0.0684	0.4341	
350	4.0	151.966	198.034	153.313	504.287	757.749	1.759	0.5686	0.4972
	5.0	158.949	191.051	160.554	498.971	757.273	2.113	0.4732	0.4995
	6.0	165.059	184.941	166.919	494.191	756.794	2.469	0.4050	0.5019
	7.0	170.513	179.487	172.622	489.816	756.316	2.827	0.3538	0.5043
	8.0	175.451	174.549	177.808	485.763	755.833	3.185	0.3140	0.5067
	9.0	179.974	170.026	182.576	481.969	755.347	3.545	0.2821	0.5092
	10.0	184.154	165.846	186.999	478.390	754.861	3.906	0.2560	0.5117
	11.0	188.045	161.955	191.132	474.995	754.371	4.269	0.2343	0.5142
	12.0	191.691	158.309	195.017	471.756	753.880	4.633	0.2158	0.5168
	13.0	195.123	154.877	198.688	468.651	753.385	4.998	0.2001	0.5194
	14.0	198.368	151.632	202.172	465.667	752.890	5.365	0.1864	0.5220
	15.0	201.450	148.550	205.490	462.789	752.392	5.734	0.1744	0.5246
	16.0	204.384	145.616	208.661	460.005	751.890	6.103	0.1638	0.5273
	17.0	207.188	142.812	211.700	457.304	751.388	6.475	0.1544	0.3968
	18.0	209.873	140.127	214.621	454.682	750.883	6.848	0.1460	0.3981
	19.0	212.450	137.550	217.434	452.127	750.373	7.222	0.1385	0.3994
	20.0	214.930	135.070	220.148	449.639	749.864	7.598	0.1316	0.4007
	21.0	217.319	132.681	222.773	447.206	749.352	7.975	0.1254	0.4020
	22.0	219.626	130.374	225.315	444.828	748.835	8.354	0.1197	0.4033
	23.0	221.857	128.143	227.781	442.500	748.318	8.735	0.1145	0.4047
24.0	224.017	125.983	230.177	440.218	747.797	9.117	0.1097	0.4061	
25.0	226.112	123.888	232.506	437.976	747.275	9.501	0.1053	0.4075	
26.0	228.145	121.855	234.775	435.778	746.749	9.886	0.1012	0.4089	
27.0	230.121	119.879	236.987	433.615	746.222	10.273	0.0973	0.4103	
28.0	232.044	117.956	239.145	431.486	745.691	10.662	0.0938	0.4117	
29.0	233.916	116.084	241.254	429.392	745.158	11.052	0.0905	0.4131	
30.0	235.741	114.259	243.316	427.328	744.622	11.445	0.0874	0.4146	
31.0	237.521	112.479	245.333	425.292	744.084	11.839	0.0845	0.4160	
32.0	239.259	110.741	247.306	423.282	743.543	12.235	0.0817	0.4175	
33.0	240.957	109.043	249.242	421.301	742.998	12.632	0.0792	0.4190	
34.0	242.617	107.383	251.141	419.342	742.452	13.032	0.0767	0.4205	
35.0	244.241	105.759	253.002	417.409	741.902	13.433	0.0744	0.422	



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KIZGIN BUHAR TABLOSU
SUPERHEATED STEAM TABLE
Перегретый пар Таблица
4 - 36 bar / 250 - 450 °C

Kızgın Buhar Sıcaklığı Temperature of Superheated Steam Температура перегретого пара	Basınç Pressure Давление	Doyma Sıcaklığı Saturation Temperature Насыщения Температура	Kızdırma Sıcaklığı Degrees Superheat Градусов Перегрев	Su Özgül Isı Tutumu Specific Enthalpy of Water Конкретные Энтальпия Воды	Buharlaştırma Gizli Isısı Specific Enthalpy of Evaporation Энтальпия Испарения	Kızgın Buhar Özgül Isı Tutumu Specific Enthalpy of Superheated Steam Удельная энтальпия перегретых Пары	Buhar Özgül Kütleli Density of Steam Плотность Пары	Buhar Özgül Hacmi Specific Volume of Steam Удельный объем пара	Buhar Özgül Isınma Isısı Specific Heat of Steam Конкретные Тепло Пары
°C	bar-g	°C	°C	kcal/kg	kcal/kg	kcal/kg	kg/m³	m³/kg	kcal/kg °K
375	4.0	151.966	223.034	153.313	504.287	770.203	1.689	0.5922	0.4992
	5.0	158.949	216.051	160.554	498.971	769.780	2.029	0.4929	0.5012
	6.0	165.059	209.941	166.919	494.191	769.356	2.370	0.4220	0.5031
	7.0	170.513	204.487	172.622	489.816	768.931	2.712	0.3687	0.5051
	8.0	175.451	199.549	177.808	485.763	768.502	3.055	0.3273	0.5071
	9.0	179.974	195.026	182.576	481.969	768.074	3.399	0.2942	0.5091
	10.0	184.154	190.846	186.999	478.390	767.644	3.745	0.2670	0.5112
	11.0	188.045	186.955	191.132	474.995	767.213	4.091	0.2444	0.5132
	12.0	191.691	183.309	195.017	471.756	766.778	4.439	0.2253	0.5153
	13.0	195.123	179.877	198.688	468.651	766.342	4.788	0.2089	0.5174
	14.0	198.368	176.632	202.172	465.667	765.907	5.138	0.1946	0.5196
	15.0	201.450	173.550	205.490	462.789	765.467	5.489	0.1822	0.5217
	16.0	204.384	170.616	208.661	460.005	765.026	5.841	0.1712	0.5239
	17.0	207.188	167.812	211.700	457.304	764.584	6.194	0.1614	0.3965
	18.0	209.873	165.127	214.621	454.682	764.141	6.549	0.1527	0.3976
	19.0	212.450	162.550	217.434	452.127	763.696	6.905	0.1448	0.3986
	20.0	214.930	160.070	220.148	449.639	763.249	7.262	0.1377	0.3996
	21.0	217.319	157.681	222.773	447.206	762.799	7.620	0.1312	0.4007
	22.0	219.626	155.374	225.315	444.828	762.349	7.980	0.1253	0.4017
	23.0	221.857	153.143	227.781	442.500	761.897	8.341	0.1199	0.4028
24.0	224.017	150.983	230.177	440.218	761.443	8.703	0.1149	0.4039	
25.0	226.112	148.888	232.506	437.976	760.988	9.066	0.1103	0.4049	
26.0	228.145	146.855	234.775	435.778	760.529	9.431	0.1060	0.4060	
27.0	230.121	144.879	236.987	433.615	760.069	9.797	0.1021	0.4071	
28.0	232.044	142.956	239.145	431.486	759.610	10.164	0.0984	0.4082	
29.0	233.916	141.084	241.254	429.392	759.146	10.533	0.0949	0.4093	
30.0	235.741	139.259	243.316	427.328	758.682	10.903	0.0917	0.4104	
31.0	237.521	137.479	245.333	425.292	758.215	11.274	0.0887	0.4115	
32.0	239.259	135.741	247.306	423.282	757.746	11.647	0.0859	0.4127	
33.0	240.957	134.043	249.242	421.301	757.278	12.021	0.0832	0.4138	
34.0	242.617	132.383	251.141	419.342	756.804	12.396	0.0807	0.4150	
35.0	244.241	130.759	253.002	417.409	756.330	12.773	0.0783	0.4161	
36.0	245.831	129.169	254.833	415.495	755.854	13.152	0.0760	0.4173	
400	4.0	151.966	248.034	153.313	504.287	782.713	1.624	0.6156	0.5017
	5.0	158.949	241.051	160.554	498.971	782.335	1.951	0.5126	0.5033
	6.0	165.059	234.941	166.919	494.191	781.957	2.278	0.4389	0.5050
	7.0	170.513	229.487	172.622	489.816	781.577	2.607	0.3836	0.5066
	8.0	175.451	224.549	177.808	485.763	781.194	2.936	0.3406	0.5083
	9.0	179.974	220.026	182.576	481.969	780.811	3.266	0.3062	0.5100
	10.0	184.154	215.846	186.999	478.390	780.428	3.597	0.2780	0.5117
	11.0	188.045	211.955	191.132	474.995	780.043	3.929	0.2545	0.5134
	12.0	191.691	208.309	195.017	471.756	779.656	4.262	0.2346	0.5151
	13.0	195.123	204.877	198.688	468.651	779.268	4.596	0.2176	0.5169
	14.0	198.368	201.632	202.172	465.667	778.880	4.931	0.2028	0.5186
	15.0	201.450	198.550	205.490	462.789	778.490	5.266	0.1899	0.5204
	16.0	204.384	195.616	208.661	460.005	778.098	5.603	0.1785	0.5222
	17.0	207.188	192.812	211.700	457.304	777.708	5.941	0.1683	0.3974
	18.0	209.873	190.127	214.621	454.682	777.313	6.279	0.1593	0.3982
	19.0	212.450	187.550	217.434	452.127	776.919	6.619	0.1511	0.3990
	20.0	214.930	185.070	220.148	449.639	776.524	6.959	0.1437	0.3999
	21.0	217.319	182.681	222.773	447.206	776.127	7.301	0.1370	0.4007
	22.0	219.626	180.374	225.315	444.828	775.727	7.643	0.1308	0.4015
	23.0	221.857	178.143	227.781	442.500	775.328	7.987	0.1252	0.4024
24.0	224.017	175.983	230.177	440.218	774.926	8.331	0.1200	0.4032	
25.0	226.112	173.888	232.506	437.976	774.524	8.677	0.1152	0.4041	
26.0	228.145	171.855	234.775	435.778	774.122	9.024	0.1108	0.4049	
27.0	230.121	169.879	236.987	433.615	773.715	9.371	0.1067	0.4058	
28.0	232.044	167.956	239.145	431.486	773.311	9.720	0.1029	0.4067	
29.0	233.916	166.084	241.254	429.392	772.902	10.070	0.0993	0.4076	
30.0	235.741	164.259	243.316	427.328	772.495	10.421	0.0960	0.4084	
31.0	237.521	162.479	245.333	425.292	772.084	10.773	0.0928	0.4093	
32.0	239.259	160.741	247.306	423.282	771.675	11.126	0.0899	0.4102	
33.0	240.957	159.043	249.242	421.301	771.261	11.480	0.0871	0.4111	
34.0	242.617	157.383	251.141	419.342	770.847	11.835	0.0845	0.4120	
35.0	244.241	155.759	253.002	417.409	770.433	12.191	0.0820	0.4129	
36.0	245.831	154.169	254.833	415.495	770.017	12.549	0.0797	0.4138	
425	4.0	151.966	273.034	153.313	504.287	795.289	1.565	0.6391	0.3904
	5.0	158.949	266.051	160.554	498.971	794.950	1.879	0.5322	0.3910
	6.0	165.059	259.941	166.919	494.191	794.608	2.194	0.4558	0.3917
	7.0	170.513	254.487	172.622	489.816	794.266	2.510	0.3984	0.3923
	8.0	175.451	249.549	177.808	485.763	793.923	2.826	0.3538	0.3930
	9.0	179.974	245.026	182.576	481.969	793.579	3.144	0.3181	0.3936
	10.0	184.154	240.846	186.999	478.390	793.234	3.462	0.2889	0.3943
	11.0	188.045	236.955	191.132	474.995	792.888	3.780	0.2645	0.3949
	12.0	191.691	233.309	195.017	471.756	792.541	4.100	0.2439	0.3956
	13.0	195.123	229.877	198.688	468.651	792.194	4.420	0.2262	0.3963
	14.0	198.368	226.632	202.172	465.667	791.847	4.741	0.2109	0.3969
	15.0	201.450	223.550	205.490	462.789	791.498	5.063	0.1975	0.3976
	16.0	204.384	220.616	208.661	460.005	791.146	5.386	0.1857	0.3983
	17.0	207.188	217.812	211.700	457.304	790.794	5.709	0.1752	0.3989
	18.0	209.873	215.127	214.621	454.682	790.443	6.033	0.1658	0.3996
	19.0	212.450	212.550	217.434	452.127	790.091	6.358	0.1573	0.4003
	20.0	214.930	210.070	220.148	449.639	789.737	6.684	0.1496	0.4010
	21.0	217.319	207.681	222.773	447.206	789.383	7.011	0.1426	0.4017
	22.0	219.626	205.374	225.315	444.828	789.026	7.338	0.1363	0.4023
	23.0	221.857	203.143	227.781	442.500	788.670	7.666	0.1304	0.4030
24.0	224.017	200.983	230.177	440.218	788.313	7.995	0.1251	0.4037	
25.0	226.112	198.888	232.506	437.976	787.955	8.325	0.1201	0.4044	
26.0	228.145	196.855	234.775	435.778	787.593	8.656	0.1155	0.4051	
27.0	230.121	194.879	236.987	433.615	787.234	8.987	0.1113	0.4058	
28.0	232.044	192.956	239.145	431.486	786.873	9.320	0.1073	0.4065	
29.0	233.916	191.084	241.254	429.392	786.512	9.653	0.1036	0.4072	
30.0	235.741	189.259	243.316	427.328	786.148	9.987	0.1001	0.4079	
31.0	237.521	187.479	245.333	425.292	785.785	10.322	0.0969	0.4087	
32.0	239.259	185.741	247.306	423.282	785.419	10.658	0.0938	0.4094	
33.0	240.957	184.043	249.242	421.301	785.053	10.995	0.0909	0.4101	
34.0	242.617	182.383	251.141	419.342	784.687	11.333	0.0882	0.4108	
35.0	244.241	180.759	253.002	417.409					

KIZGIN BUHAR TABLOSU
SUPERHEATED STEAM TABLE
Перегретый пар Таблица
4 - 36 bar / 250 - 450 °C

Kızgın Buhar Sıcaklığı Temperature of Superheated Steam Температура перегретого пара	Basınç Pressure Давление	Doyma Sıcaklığı Saturation Temperature Насыщения Температура	Kızdırma Sıcaklığı Degrees Superheat Градусов Перегрев	Su Özgül Isı Tutumu Specific Enthalpy of Water Конкретные Энтальпия Воды	Buharlaştırma Gizli Isısı Specific Enthalpy of Evaporation Энтальпия Испарения	Kızgın Buhar Özgül Isı Tutumu Specific Enthalpy of Superheated Steam Удельная энтальпия перегретых Пара	Buhar Özgül Kütle Density of Steam Плотность Пара	Buhar Özgül Hacmi Specific Volume of Steam Удельный объем пара	Buhar Özgül Isınma Isısı Specific Heat of Steam Конкретные Тепло Пара
°C	bar-g	°C	°C	kcal/kg	kcal/kg	kcal/kg	kg/m ³	m ³ /kg	kcal/kg °K
450	4.0	151.966	298.034	153.313	504.287	807.940	1.510	0.6624	0.3939
	5.0	158.949	291.051	160.554	498.971	807.632	1.813	0.5517	0.3945
	6.0	165.059	284.941	166.919	494.191	807.323	2.116	0.4726	0.3950
	7.0	170.513	279.487	172.622	489.816	807.012	2.420	0.4132	0.3955
	8.0	175.451	274.549	177.808	485.763	806.703	2.725	0.3670	0.3961
	9.0	179.974	270.026	182.576	481.969	806.392	3.030	0.3300	0.3966
	10.0	184.154	265.846	186.999	478.390	806.079	3.336	0.2997	0.3972
	11.0	188.045	261.955	191.132	474.995	805.768	3.643	0.2745	0.3977
	12.0	191.691	258.309	195.017	471.756	805.455	3.950	0.2531	0.3983
	13.0	195.123	254.877	198.688	468.651	805.141	4.258	0.2348	0.3988
	14.0	198.368	251.632	202.172	465.667	804.825	4.567	0.2190	0.3994
	15.0	201.450	248.550	205.490	462.789	804.512	4.876	0.2051	0.4000
	16.0	204.384	245.616	208.661	460.005	804.196	5.186	0.1928	0.4005
	17.0	207.188	242.812	211.700	457.304	803.878	5.496	0.1819	0.4011
	18.0	209.873	240.127	214.621	454.682	803.562	5.808	0.1722	0.4016
	19.0	212.450	237.550	217.434	452.127	803.244	6.119	0.1634	0.4022
	20.0	214.930	235.070	220.148	449.639	802.926	6.432	0.1555	0.4028
	21.0	217.319	232.681	222.773	447.206	802.605	6.745	0.1483	0.4033
	22.0	219.626	230.374	225.315	444.828	802.287	7.059	0.1417	0.4039
	23.0	221.857	228.143	227.781	442.500	801.967	7.373	0.1356	0.4045
	24.0	224.017	225.983	230.177	440.218	801.644	7.689	0.1301	0.4050
	25.0	226.112	223.888	232.506	437.976	801.323	8.005	0.1249	0.4056
	26.0	228.145	221.855	234.775	435.778	801.000	8.321	0.1202	0.4062
	27.0	230.121	219.879	236.987	433.615	800.677	8.638	0.1158	0.4068
	28.0	232.044	217.956	239.145	431.486	800.352	8.956	0.1117	0.4074
	29.0	233.916	216.084	241.254	429.392	800.026	9.275	0.1078	0.4079
	30.0	235.741	214.259	243.316	427.328	799.701	9.594	0.1042	0.4085
	31.0	237.521	212.479	245.333	425.292	799.376	9.915	0.1009	0.4091
	32.0	239.259	210.741	247.306	423.282	799.048	10.235	0.0977	0.4097
	33.0	240.957	209.043	249.242	421.301	798.720	10.557	0.0947	0.4103
	34.0	242.617	207.383	251.141	419.342	798.392	10.879	0.0919	0.4109
35.0	244.241	205.759	253.002	417.409	798.062	11.202	0.0893	0.4115	
36.0	245.831	204.169	254.833	415.495	797.734	11.526	0.0868	0.4120	

2. Düzeltme
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15.05.2001

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