

SU BUHARI TABLOSU (Termodinamik özellikleri)

BUHAR		Sıcaklık	ÖZGÜL ENTALPİ			ÖZGÜL HACİM
			SU	Buharlaştırma	BUHAR	
Bar	kPa	°C	(hf)	(hfg)	(hg)	m3/h
			kJ/kg	kJ/kg	kJ/kg	
Mutlak	Mutlak					
0.30	30.0	69.10	282.23	2336.1	2625.3	5,23
0.50	50.0	81.33	340.49	2305.4	2645.9	3,24
0.75	75.0	91.78	384.39	2278.6	2663.0	2,22
0.95	95.0	98.20	411.43	2261.8	2673.2	1,78
Gösterge	Gösterge					
0.00	0.00	100,00	419.06	2257.0	2676.0	1,673
10.0	10.0	102.66	430.2	2250.2	2680.2	1,533
20.0	20.0	105.10	440.8	2243.4	2684.2	1,414
30.0	30.0	107.39	450.4	2237.2	2687.6	1,312
40.0	40.0	109.55	459.7	2231.3	2691.0	1,225
50.0	50.0	111.61	468.3	2225.6	2693.9	1,149
60.0	60.0	113.56	476.4	2220.4	2696.8	1,088
70.0	70.0	115.40	484.1	2215.4	2699.5	1,024
80.0	80.0	117.14	491.6	2210.5	2702.1	0,971
90.0	90.0	118.80	498.9	2205.6	2704.5	0,923
100.0	100.0	120.42	505.6	2201.1	2706.7	0,881
1.10	110.0	121.96	512.2	2197.0	2709.2	0,841
1.20	120.0	123.46	518.7	2192.8	2711.5	0,806
1.30	130.0	124.90	524.6	2188.7	2713.3	0,773
1.40	140.0	126.28	530.5	2184.8	2715.3	0,743
1.50	150.0	127.62	536.1	2181.0	2717.1	0,714
1.60	160.0	128.89	541.6	2177.3	2718.9	0,689
1.70	170.0	130.13	547.1	2173.7	2720.8	0,665
1.80	180.0	131.37	552.3	2170.1	2722.4	0,643
1.90	190.0	132.54	557.3	2166.7	2724.0	0,622
2.00	200.0	133.69	562.2	2163.3	2725.5	0,603
2.20	220.0	135.88	571.7	2156.9	2728.6	0,568
2.40	240.0	138.01	580.7	2150.7	2731.4	0,536
2.60	260.0	140.00	589.2	2144.7	2733.9	0,509
2.80	280.0	141.92	597.4	2139.0	2736.4	0,483
3.00	300.0	143.75	605.3	2133.4	2738.7	0,461
3.20	320.0	145.46	612.9	2128.1	2741.0	0,440
3.40	340.0	147.20	620.0	2122.9	2742.9	0,422
3.60	360.0	148.84	627.1	2117.8	2744.9	0,405
3.80	380.0	150.44	634.0	2112.9	2746.9	0,389
4.00	400.0	151.96	640.7	2108.1	2748.8	0,374
4.50	450.0	155.55	656.3	2096.7	2753.0	0,342

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			SU	Buharlaştırma	BUHAR	
Bar	kPa	°C	(hf)	(hfg)	(hg)	m ³ /h
			kJ/kg	kJ/kg	kJ/kg	
5.00	500.0	158.92	670.9	2086.0	2756.9	0.315
5.50	550.0	162.08	684.6	2075.7	2760.3	0.292
6.00	600.0	165.04	697.5	2066.0	2763.5	0.272
6.50	650.0	167.83	709.7	2056.8	2766.5	0.255
7.00	700.0	170.50	721.4	2047.7	2769.1	0.240
7.50	750.0	173.02	732.5	2039.2	2771.7	0.227
8.00	800.0	175.43	743.1	2030.9	2774.0	0.215
8.50	850.0	177.75	753.3	2022.9	2776.2	0.204
9.00	900.0	179.97	763.0	2015.1	2778.1	0.194
9.50	950.0	182.10	772.5	2007.5	2780.0	0.185
10.00	1000.0	184.13	781.6	2000.1	2781.7	0.177
10.50	1050.0	186.05	790.1	1993.0	2783.3	0.171
11.00	1100.0	188.02	798.8	1986.0	2784.8	0.163
11.50	1150.0	189.82	807.1	1979.1	2786.3	0.157
12.00	1200.0	191.68	815.1	1972.5	2787.6	0.151
12.50	1250.0	193.43	822.9	1965.4	2788.8	0.148
13.00	1300.0	195.10	830.4	1959.6	2790.0	0.141
14.00	1400.0	198.35	845.1	1947.1	2792.2	0.132
15.00	1500.0	201.45	859.0	1935.0	2794.0	0.124
16.00	1600.0	204.38	872.3	1923.4	2795.7	0.117
17.00	1700.0	207.17	885.0	1912.1	2797.1	0.110
18.00	1800.0	209.90	897.2	1901.3	2798.5	0.105
19.00	1900.0	212.47	909.0	1890.5	2799.5	0.100
20.00	2000.0	214.96	920.3	1880.2	2800.5	0.0994
21.00	2100.0	217.35	931.3	1870.1	2801.4	0.0906
22.00	2200.0	219.65	941.9	1860.1	2802.0	0.0868
23.00	2300.0	221.85	952.2	1850.4	2802.6	0.0832
24.00	2400.0	224.02	962.2	1840.9	2803.1	0.0797
25.00	2500.0	226.12	972.1	1831.4	2803.5	0.0768
26.00	2600.0	228.15	981.6	1822.2	2803.8	0.0740
27.00	2700.0	230.14	990.7	1818.3	2804.0	0.0714