



## Properties of Saturated Steam

	Gauge Pressure	Abso. Press. (psia)	Steam Temp. (°F)	Heat of Sat. Liquid (Btu/lb)	Latent Heat (Btu/lb)	Total Heat of Steam (Btu/lb)	Spec. Vol. of Sat. Liquid (cu ft/lb)	Spec. Vol. of Sat. Steam (cu ft/lb)
Inches of Vacuum	29.743	0.08854	32.00	0.00	1075.8	1075.8	0.016022	3306.00
	29.515	0.2	53.14	21.21	1063.8	1085.0	0.016027	1526.00
	27.886	1.0	101.74	69.70	1036.3	1106.0	0.016136	333.60
	19.742	5.0	162.24	130.13	1001.0	1131.0	0.016407	73.52
	9.562	10.0	193.21	161.17	982.1	1143.3	0.016590	38.42
	7.536	11.0	197.75	165.73	979.3	1145.0	0.016620	35.14
	5.490	12.0	201.96	169.96	976.6	1146.6	0.016647	32.40
	3.454	13.0	205.88	173.91	974.2	1148.1	0.016674	30.06
	1.418	14.0	209.56	177.61	971.9	1149.5	0.016699	28.04
PSIG	0.0	14.696	212.00	180.07	970.3	1150.4	0.016715	26.80
	1.3	16.0	216.32	184.42	967.6	1152.0	0.016746	24.75
	2.3	17.0	219.44	187.56	965.5	1153.1	0.016768	23.39
	5.3	20.0	227.96	196.16	960.1	1156.3	0.016830	20.09
	10.3	25.0	240.07	208.42	952.1	1160.6	0.016922	16.30
	15.3	30.0	250.33	218.82	945.3	1164.1	0.017004	13.75
	20.3	35.0	259.28	227.91	939.2	1167.1	0.017078	11.90
	25.3	40.0	267.25	236.03	933.7	1169.7	0.017146	10.50
	30.3	45.0	274.44	243.36	928.6	1172.0	0.017209	9.40
	40.3	55.0	287.07	256.30	919.6	1175.9	0.017325	7.79
	50.3	65.0	297.97	267.50	911.6	1179.1	0.017429	6.66
	60.3	75.0	307.60	277.43	904.5	1181.9	0.017524	5.82
	70.3	85.0	316.25	286.39	897.8	1184.2	0.017613	5.17
	80.3	95.0	324.12	294.56	891.7	1186.2	0.017696	4.65
	90.3	105.0	331.36	302.10	886.0	1188.1	0.017775	4.23
	100.0	114.7	337.90	308.80	880.0	1188.8	0.017850	3.88
	110.3	125.0	344.33	315.68	875.4	1191.1	0.017922	3.59

Gauge Pressure	Abso. Press. (psia)	Steam Temp. (°F)	Heat of Sat. Liquid (Btu/lb)	Latent Heat (Btu/lb)	Total Heat of Steam (Btu/lb)	Spec. Vol. of Sat. Liquid (cu ft/lb)	Spec. Vol. of Sat. Steam (cu ft/lb)
120.3	135.0	350.21	321.85	870.6	1192.4	0.017991	3.33
125.3	140.0	353.02	324.82	868.2	1193.0	0.018024	3.22
130.3	145.0	355.76	327.70	865.8	1193.5	0.018057	3.11
140.3	155.0	360.50	333.24	861.3	1194.6	0.018121	2.92
150.3	165.0	365.99	338.53	857.1	1195.6	0.018183	2.75
160.3	175.0	370.75	343.57	852.8	1196.5	0.018244	2.60
180.3	195.0	379.67	353.10	844.9	1198.0	0.018360	2.34
200.3	215.0	387.89	361.91	837.4	1199.3	0.018470	2.13
225.3	240.0	397.37	372.12	828.5	1200.6	0.018602	1.92
250.3	265.0	406.11	381.60	820.1	1201.7	0.018728	1.74
	300.0	417.33	393.84	809.0	1202.8	0.018896	1.54
	400.0	444.59	424.00	780.5	1204.5	0.019340	1.16
	450.0	456.28	437.20	767.4	1204.6	0.019547	1.03
	500.0	467.01	449.40	755.0	1204.4	0.019748	0.93
	600.0	486.21	471.60	731.6	1203.2	0.02013	0.77
	900.0	531.98	526.60	668.8	1195.4	0.02123	0.50
	1200.0	567.22	571.70	611.7	1183.4	0.02232	0.36
	1500.0	596.23	611.60	556.3	1167.9	0.02346	0.28
	1700.0	613.15	636.30	519.6	1155.9	0.02428	0.24
	2000.0	635.82	671.70	463.4	1135.1	0.02565	0.19
	2500.0	668.13	730.60	360.5	1091.1	0.02860	0.13
	2700.0	679.55	756.20	312.1	1068.3	0.03027	0.11
	3206.2	705.40	902.70	0.0	902.7	0.05053	0.05

PSIG

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