

-ABSTRACTED FROM KEENAN AND KEYES, THERMODYNAMIC PROPERTIES OF STEAM, BY PERMISSION OF JOHN WILEY & SONS, INC.

-GAUGE PRESSURE IS ROUNDED TO THE NEAREST WHOLE NUMBER FOR READABILITY

Gauge Pressure	Absolute Pressure	Temp.	Specific Volume (cu. ft. per lb.) Sat. Liquid	Specific Volume (cu. ft. per lb.) Sat. Vapor	Enthalpy (Btu per lb.) Sat. Liquid	Enthalpy (Btu per lb.) Evap.	Enthalpy (Btu per lb.) Sat. Vapor
PSIG	PSIA	°F	vf	vg	hf	hfg	hg
0	14.69	212.00	0.06720	26.8000	180.07	970.3	1150.4
0.3	15	213.03	0.01672	26.2900	181.11	969.7	1150.8
1	16	216.32	0.01674	24.7500	184.42	967.6	1152.0
2	17	219.44	0.01677	23.3900	187.56	965.5	1153.1
3	18	222.41	0.01679	22.1700	190.56	963.6	1154.2
4	19	225.24	0.01681	21.0800	193.42	961.9	1155.3
5	20	227.96	0.01683	20.0890	196.16	960.1	1156.3
6	21	230.57	0.01685	19.1920	198.79	958.4	1157.2
7	22	233.07	0.01687	18.3750	201.33	956.8	1158.1
8	23	235.49	0.01689	17.6270	203.78	955.2	1159.0
9	24	237.82	0.01691	16.9380	206.14	953.7	1159.8
10	25	240.07	0.01692	16.3030	208.42	952.1	1160.5
11	26	242.25	0.01694	15.7150	210.62	950.7	1161.3
12	27	244.36	0.01696	15.1700	212.75	949.3	1162.1
13	28	246.41	0.01698	14.6630	214.83	947.9	1162.7
14	29	248.40	0.01699	14.1890	216.86	946.5	1163.4
15	30	250.33	0.01701	13.7460	218.82	945.3	1164.1
20	35	259.28	0.01708	11.8980	227.91	939.2	1167.1
25	40	267.25	0.01715	10.4980	236.03	933.7	1169.7
30	45	274.44	0.01721	9.4010	243.36	928.6	1172.0
35	50	281.01	0.01727	8.5150	250.09	924.0	1174.1
40	55	287.07	0.17320	7.7870	256.30	919.6	1175.9
45	60	292.71	0.01738	7.1750	262.09	915.5	1177.6
50	65	297.97	0.01743	6.6550	267.50	911.6	1179.1
55	70	302.92	0.01748	6.2060	272.61	907.9	1180.5
60	75	307.60	0.01753	5.8160	277.43	904.5	1181.9
65	80	312.03	0.01757	5.4720	282.02	901.1	1183.1
70	85	316.25	0.01761	5.1680	286.39	897.8	1184.2
75	90	320.27	0.01766	4.8960	290.56	894.7	1185.3
80	95	324.12	0.01770	4.6520	294.56	891.7	1186.3
85	100	327.81	0.01774	4.4320	298.40	888.8	1187.2
90	105	331.36	0.01778	4.2320	302.10	886.0	1188.1
95	110	334.77	0.01782	4.0490	305.66	883.2	1188.9
100	115	338.07	0.01785	3.8820	309.11	880.6	1189.7
105	120	341.25	0.01789	3.7280	312.44	877.9	1190.3
110	125	344.33	0.01792	3.5870	315.68	875.4	1191.1
115	130	347.32	0.01796	3.4550	318.81	872.9	1191.7
120	135	350.21	0.01800	3.3330	321.85	870.6	1192.5
125	140	353.02	0.01802	3.2200	324.82	868.2	1193.0
130	145	355.76	0.01806	3.1140	327.70	865.8	1193.5
135	150	358.42	0.01809	3.0150	330.51	863.6	1194.1
145	160	363.53	0.01815	2.8340	335.93	859.2	1195.1
155	170	368.41	0.01822	2.6750	341.09	854.9	1196.0
165	180	373.06	0.01827	2.5320	346.03	850.8	1196.8
175	190	377.51	0.01833	2.4040	350.79	846.8	1197.6
185	200	381.79	0.01839	2.2880	355.36	843.0	1198.4
195	210	385.90	0.01844	2.1830	359.77	839.2	1199.0
205	220	389.86	0.01850	2.0870	364.02	835.6	1199.6
215	230	393.68	0.01854	1.9992	368.12	832.0	1200.1
225	240	397.37	0.01860	1.9183	372.12	828.5	1200.6
235	250	400.95	0.01865	1.8438	376.00	825.1	1201.1
245	260	404.42	0.01870	1.7748	379.76	821.8	1201.6
255	270	407.78	0.01875	1.7107	383.42	818.5	1201.9
265	280	411.05	0.01880	1.6511	386.98	815.3	1202.3
275	290	414.23	0.01885	1.5954	390.46	812.1	1202.6
285	300	417.33	0.01890	1.5433	393.84	809.0	1202.8
295	310	420.35	0.01894	1.4944	397.15	806.0	1203.2
305	320	423.29	0.01899	1.4485	400.39	803.0	1203.4