

Pressure Equivalents & Boiling Point of Water at Commonly Referenced Values

Note: Pressures across each row are equivalent and pressure change from row to row is not equal!

PSIG	Inches of Hg Vac	Feet of Head	PSIA	Ft. of Hd. Absolute	Inches of Water	Atmosphere (Atm.)	Inches of Hg	Boiling Point (°F)
150	N/A	346	164.7	379.96	4152	11.23	336.0	365.8
125	N/A	288	139.7	322.29	3460	9.524	285.0	352.8
100	N/A	231	114.7	264.61	2768	7.820	234.0	337.8
60.0	N/A	138	74.7	172.33	1661	5.093	152.4	307.2
30.0	N/A	69.2	44.7	103.12	830.4	3.048	91.19	274.0
20.0	N/A	46.1	34.7	80.05	553.6	2.366	70.79	258.7
15.0	N/A	34.6	29.7	68.52	415.2	2.021	60.47	249.7
10.0	N/A	23.1	24.7	56.98	276.8	1.681	50.29	239.4
5.00	N/A	11.5	19.7	45.45	138.4	1.340	40.11	227.1
1.00	N/A	2.307	15.7	36.22	27.68	1.068	31.97	215.3
0.500	N/A	1.15	15.20	35.06	13.84	1.036	31.00	213.6
0.433	N/A	1.00	15.13	34.90	11.99	1.031	30.86	213.4
0.361	N/A	0.833	15.06	34.74	10.00	1.027	30.72	213.2
0.072	N/A	0.167	14.77	34.07	2.000	1.007	30.13	212.2
0.036	N/A	0.083	14.73	33.99	1.000	1.004	30.05	212.1
0.018	N/A	0.042	14.71	33.95	0.500	1.003	30.02	212.0
0	0	0	14.696	33.90	0	1.000	29.92	211.95
N/A	1.00	N/A	14.2	32.77	N/A	0.967	28.92	210.2
N/A	5	N/A	12.2	28.24	N/A	0.833	24.92	202.7
N/A	10	N/A	9.78	22.57	N/A	0.666	19.92	192.1
N/A	15	N/A	7.33	16.91	N/A	0.499	14.92	178.9
N/A	20	N/A	4.87	11.24	N/A	0.332	9.92	161.1
N/A	25	N/A	2.42	5.58	N/A	0.164	4.92	133.2
N/A	26.93	N/A	1.47	3.384	N/A	0.100	2.99	114.8
N/A	27.88	N/A	1.00	2.307	N/A	0.068	2.04	101.7
N/A	28.90	N/A	0.500	1.154	N/A	0.034	1.02	79.6
N/A	28.92	N/A	0.490	1.131	N/A	0.033	1.00	78.9
N/A	29.04	N/A	0.433	1.00	N/A	0.030	0.883	75.2
N/A	29.62	N/A	0.148	0.341	N/A	0.010	0.301	45.0
N/A	29.69	N/A	0.113	0.260	N/A	0.008	0.230	38.0
N/A	29.72	N/A	0.100	0.231	N/A	0.007	0.204	35.0
N/A	29.74	N/A	0.089	0.204	N/A	0.006	0.181	32.0
N/A	29.82	N/A	0.050	0.115	N/A	0.003	0.102	19.8
N/A	29.88	N/A	0.019	0.043	N/A	0.001	0.038	0.0
N/A	29.90	N/A	0.010	0.023	N/A	0.001	0.020	-11.5
N/A	29.92	N/A	0	0	N/A	0	0	-80.0

Pressure Conversion Factors

- 1 PSI = 2.307 Feet of Head (FT. HD.)
- .433 PSI = 1 Foot of Head (FT. HD.)
- 1 PSI = 27.68 Inches of Water Column (" W.C.)
- 1 PSI = 2.04 Inches of Mercury (" Hg.)
- 1 Atmosphere = 29.92 Inches of Mercury (" Hg.) @ Sea Level