



DEACON INDUSTRIAL SUPPLY COMPANY, INC.

STEAM TEMPERATURE PRESSURE TABLE

SATURATED STEAM TEMPERATURES

Inches Mercury Vacuum	Absolute Pressure (P.S.I.A.)	Temperature Of	Gauge Pressure (P.S.I.G.)	Temperature Of	Gauge Pressure (P.S.I.G.)	Temperature Of	Gauge Pressure (P.S.I.G.)	Temperature Of	Gauge Pressure (P.S.I.G.)	Temperature Of
29.74	0.089	32	0	212	135	358.3	285	417.2	570	483.4
29	0.451	76.5	2	218.5	140	360.8	290	418.7	580	485.2
28	0.942	99.7	4	224.4	145	363.4	295	420.2	590	487
27	1.43	114	6	229.8						
26	1.92	124.6	8	234.6	150	365.9	300	421.7	600	488.8
					155	368.3	310	424.6	650	497.4
25	2.42	133.3	10	239	160	370.6	320	427.4	700	505.4
24	2.91	140.3	15	249.7	165	372.9	330	430.3		
23	3.4	146.3	20	258.8	170	375.2	340	433	750	513.1
22	3.89	151.7							800	520.3
21	4.38	156.5	25	266.8	175	377.4	350	435.6	850	527.3
			30	274	180	379.5	360	438.2	900	533.9
20	4.87	161	35	280.6	185	381.7	370	440.8	950	540.3
19	5.36	165.2	40	286.7	190	383.7	380	443.3		
18	5.85	168.9	45	292.4	195	385.8	390	445.7	1000	546.4
17	6.35	172.5								
16	6.84	175.8	50	297.7	200	387.8	400	448.1		
			55	302.6	205	389.7	410	450.5		
15	7.33	178.9	60	307.3	210	391.7	420	452.8		
14	7.82	181.8	65	311.8	215	393.6	430	455.1		
13	8.31	184.6	70	316	220	395.4	440	457.3		
12	8.8	187.2								
11	9.29	189.7	75	320	225	397.3	450	459.5		
			80	323.9	230	399.1	460	461.7		
10	9.78	192.1	85	327.6	235	400.8	470	463.8		
9	10.27	194.4	90	331.1	240	402.6	480	465.9		
8	10.77	196.7	95	334.6	245	404.3	490	468		
7	11.26	198.8								
6	11.75	200.9	100	337.9	250	406	500	470		
			105	341.1	255	407.7	510	472		
5	12.24	202.9	110	344.1	260	409.3	520	474		
4	12.73	204.8	115	347.1	265	410.9	530	475.9		
3	13.22	206.7	120	350	270	412.5	540	477.8		
2	13.71	208.5								
1	14.2	210.3	125	352.8	275	414.1	550	479.7		
0	14.696	212	130	355.6	280	415.7	560	481.6		