Valves Instruments Plus Ltd has taken care to ensure the accuracy of the information in this document at the time of printing. The company is not liable for errors, omissions, or any misinterpretation of the content. *Information is subject to change without notice.*

Saturated Steam Tables (Page 1)

Pressure		Temperature	Specific Enthalpy			Specific Volume Steam
			Water (hf)	Evaporation (hfg)	Steam (hg)	
bar	kPa	°C	kJ/kg	kJ/kg	kJ/kg	m^3/kg
0.30	30	69.1	289.33	2 335.28	2 624.61	5.230
0.50	50	81.3	340.58	2 304.77	2 645.35	3.241
0.75	75	91.8	384.47	2 278.10	2 662.57	2.218
0.95	95	98.2	411.52	2 261.38	2 672.91	1.778
1.00	100	99.6	417.55	2 257.63	2 675.18	1.694
1.01325	101.325	100.0	419.10	2 256.66	2 675.76	1.674
0	0	100.0	419.10	2 256.66	2 675.76	1.674
0.1	10	102.7	430.33	2 249.62	2 679.95	1.533
0.2	20	105.1	440.76	2 243.05	2 683.81	1.414
0.3	30	107.4	450.51	2 236.86	2 687.37	1.313
0.4	40	109.6	459.68	2 231.02	2 690.69	1.226
0.5	50	111.6	468.33	2 225.47	2 693.80	1.150
0.6	60	113.6	476.53	2 220.19	2 696.72	1.083
0.7	70	115.4	484.34	2 215.13	2 699.47	1.024
0.8	80	117.2	491.78	2 210.29	2 702.07	0.971
0.9	90	118.8	498.90	2 205.64	2 704.54	0.923
1.0	100	120.4	505.73	2 201.16	2 706.88	0.880
1.1	110	122.0	512.28	2 196.83	2 709.12	0.841
1.2	120	123.5	518.60	2 192.65	2 711.25	0.806
1.3	130	124.9	524.69	2 188.60	2 713.29	0.773
1.4	140	126.3	530.57	2 184.67	2 715.25	0.743
1.5	150	127.6	536.27	2 180.86	2 717.13	0.715
1.6	160	128.9	541.78	2 177.15	2 718.93	0.690
1.7	170	130.2	547.13	2 173.54	2 720.67	0.666
1.8	180	131.4	552.32	2 170.02	2 722.34	0.644

Absolute Pressure

Valves Instruments Plus Ltd has taken care to ensure the accuracy of the information in this document at the time of printing. The company is not liable for errors, omissions, or any misinterpretation of the content. *Information is subject to change without notice.*

Saturated Steam Tables (Page 2)

Pressure		Temperature	Specific Enthalpy			Specific Volume Steam
			Water (hf)	Evaporation (hfg)	Steam (hg)	
bar	kPa	°C	kJ/kg	kJ/kg	kJ/kg	m^3/kg
1.9	190	132.6	557.37	2 166.58	2 723.96	0.623
2.0	200	133.7	562.29	2 163.23	2 725.52	0.603
2.2	220	135.9	571.74	2 156.74	2 728.48	0.568
2.4	240	138.0	580.74	2 150.53	2 731.27	0.537
2.6	260	140.0	589.33	2 144.55	2 733.89	0.509
2.8	280	141.9	597.56	2 138.80	2 736.36	0.484
3.0	300	143.8	605.45	2 133.24	2 738.70	0.461
3.2	320	145.5	613.04	2 127.87	2 740.92	0.440
3.4	340	147.2	620.36	2 122.67	2 743.02	0.422
3.6	360	148.9	627.42	2 117.61	2 745.03	0.404
3.8	380	150.4	634.24	2 112.70	2 746.94	0.389
4.0	400	152.0	640.85	2 107.92	2 748.77	0.374
4.5	450	155.6	656.52	2 096.49	2 753.00	0.342
5.0	500	158.9	671.12	2 085.70	2 756.82	0.315
5.5	550	162.1	684.81	2 075.47	2 760.28	0.292
6.0	600	165.1	697.72	2 065.72	2 763.44	0.272
6.5	650	167.9	709.94	2 056.39	2 766.33	0.255
7.0	700	170.6	721.56	2 047.43	2 768.99	0.240
7.5	750	173.0	732.64	2 038.81	2 771.45	0.227
8.0	800	175.5	743.24	2 030.49	2 773.72	0.215
8.5	850	177.8	753.40	2 022.43	2 775.83	0.204
9.0	900	178.0	763.17	2 014.63	2 777.80	0.194
9.5	950	182.1	772.58	2 007.05	2 779.62	0.185
10.0	1 000	184.2	781.66	1 999.67	2 781.33	0.177
10.5	1 050	186.1	790.43	1 992.49	2 782.92	0.170

LONDON
Incorporating HEVAC Industrial
Unit 8, Hounslow Trade Park
Hounslow, TW3 3FW
T: 020 8577 7667
E: londonsales@vip-ltd.co.uk

VALUE IS PARAMOUNT

MANCHESTER
Incorporating F Ashton Ltd
VIP House, Chaddock Lane
Astley, M29 7JT
T: 01942 885 700
E: sales@vip-ltd.co.uk

Valves Instruments Plus Ltd has taken care to ensure the accuracy of the information in this document at the time of printing. The company is not liable for errors, omissions, or any misinterpretation of the content. *Information is subject to change without notice.*

Saturated Steam Tables (Page 3)

Pressure		Temperature	Specific Enthalpy			Specific Volume Steam
			Water (hf)	Evaporation (hfg)	Steam (hg)	
bar	kPa	°C	kJ/kg	kJ/kg	kJ/kg	m^3/kg
11.0	1 100	188.0	798.93	1 985.48	2 784.41	0.163
11.5	1 150	189.9	807.17	1 978.63	2 785.80	0.157
12.0	1 200	191.7	815.17	1 971.94	2 787.11	0.151
12.5	1 250	193.4	822.95	1 965.38	2 788.33	0.146
13.0	1 300	195.1	830.52	1 958.96	2 789.48	0.141
13.5	1 350	196.8	837.89	1 952.67	2 790.56	0.136
14.0	1 400	198.4	845.08	1 946.49	2 791.57	0.132
14.5	1 450	199.9	852.09	1 940.42	2 792.51	0.128
15.0	1 500	201.5	858.95	1 934.46	2 793.40	0.124
15.5	1 550	202.9	865.65	1 928.59	2 794.24	0.120
16.0	1 600	204.4	872.20	1 922.82	2 795.02	0.117
17.0	1 700	207.2	884.91	1 911.53	2 796.44	0.110
18.0	1 800	209.9	897.12	1 900.57	2 797.68	0.105
19.0	1 900	212.5	908.87	1 889.89	2 798.77	0.100
20.0	2 000	214.9	920.22	1 879.49	2 799.71	0.095
21.0	2 100	217.3	931.19	1 869.32	2 800.51	0.091
22.0	2 200	219.6	941.82	1 859.38	2 801.20	0.087
23.0	2 300	221.8	952.13	1 849.65	2 801.77	0.083
24	2 400	224.0	962.13	1 840.11	2 802.24	0.078
25	2 500	226.1	971.87	1 830.74	2 802.62	0.077
26	2 600	228.1	981.36	1 821.55	2 802.91	0.074
27	2 700	230.1	990.60	1 812.51	2 803.11	0.071
28	2 800	232.0	999.62	1 803.61	2 803.24	0.069
29	2 900	233.9	1 008.44	1 794.86	2 803.30	0.067
30	3 000	235.7	1 017.06	1 786.23	2 803.28	0.064

Valves Instruments Plus Ltd has taken care to ensure the accuracy of the information in this document at the time of printing. The company is not liable for errors, omissions, or any misinterpretation of the content. *Information is subject to change without notice.*

Saturated Steam Tables (Page 4)

Pressure		Temperature	Specific Enthalpy			Specific Volume Steam
			Water (hf)	Evaporation (hfg)	Steam (hg)	
bar	kPa	°C	kJ/kg	kJ/kg	kJ/kg	m^3/kg
31	3 100	237.5	1 025.49	1 777.72	2 803.21	0.062
32	3 200	239.3	1 033.74	1 769.32	2 803.07	0.061
33	3 300	241.0	1 041.83	1 761.04	2 802.87	0.059
34	3 400	242.7	1 049.77	1 752.85	2 802.62	0.057
35	3 500	244.2	1 057.55	1 744.77	2 802.32	0.055
36	3 600	245.8	1 065.20	1 736.77	2 801.97	0.054
37	3 700	247.4	1 072.71	1 728.86	2 801.57	0.052
38	3 800	248.9	1 080.09	1 721.04	2 801.13	0.051
39	3 900	250.4	1 087.35	1 713.29	2 800.64	0.050
40	4 000	251.9	1 094.50	1 705.62	2 800.12	0.049
41	4 100	253.3	1 101.53	1 698.02	2 799.55	0.047
42	4 200	254.7	1 108.46	1 690.49	2 798.95	0.046
43	4 300	256.1	1 115.28	1 683.02	2 798.30	0.045
44	4 400	257.5	1 122.01	1 675.62	2 797.63	0.044
45	4 500	258.8	1 128.64	1 668.28	2 796.92	0.043
46	4 600	260.2	1 135.19	1 660.99	2 796.18	0.042
47	4 700	261.5	1 141.64	1 653.76	2 795.40	0.041
48	4 800	262.7	1 148.02	1 646.58	2 794.60	0.040
49	4 900	264.0	1 154.31	1 639.45	2 793.76	0.039
50	5 000	265.2	1 160.53	1 632.36	2 792.90	0.039
51	5 100	266.5	1 166.68	1 625.33	2 792.00	0.038
52	5 200	267.7	1 172.75	1 618.33	2 791.08	0.037
53	5 300	268.8	1 178.75	1 611.38	2 790.14	0.036
54	5 400	270.0	1 184.69	1 604.48	2 789.16	0.036
55	5 500	271.2	1 190.56	1 597.60	2 788.17	0.035

Valves Instruments Plus Ltd has taken care to ensure the accuracy of the information in this document at the time of printing. The company is not liable for errors, omissions, or any misinterpretation of the content. *Information is subject to change without notice.*

Saturated Steam Tables (Page 5)

Pressure		Temperature	Specific Enthalpy			Specific Volume Steam
			Water (hf)	Evaporation (hfg)	Steam (hg)	
bar	kPa	°C	kJ/kg	kJ/kg	kJ/kg	m^3/kg
56	5 600	272.3	1 196.37	1 590.77	2 787.14	0.034
57	5 700	273.4	1 202.12	1 583.97	2 786.10	0.034
58	5 800	274.5	1 207.82	1 577.21	2 785.03	0.033
59	5 900	275.6	1 213.45	1 570.48	2 783.94	0.032
60	6 000	276.7	1 219.04	1 563.78	2 782.82	0.032
61	6 100	277.8	1 224.56	1 557.12	2 781.68	0.031
62	6 200	278.8	1 230.04	1 550.48	2 780.52	0.031
63	6 300	279.9	1 235.47	1 543.87	2 779.34	0.030
64	6 400	280.9	1 240.85	1 537.29	2 778.14	0.030
65	6 500	281.9	1 246.19	1 530.73	2 776.92	0.029
66	6 600	282.9	1 251.48	1 524.20	2 775.67	0.029
67	6 700	283.9	1 256.72	1 517.69	2 774.41	0.028
68	6 800	284.9	1 261.93	1 511.20	2 773.13	0.028
69	6 900	285.9	1 267.09	1 504.74	2 771.82	0.027
70	7 000	286.8	1 272.21	1 498.29	2 770.50	0.027
71	7 100	287.8	1 277.29	1 491.87	2 769.16	0.027
72	7 200	288.7	1 282.34	1 485.47	2 767.80	0.026
73	7 300	289.7	1 287.34	1 479.08	2 766.42	0.026
74	7 400	290.6	1 292.31	1 472.71	2 765.03	0.025
75	7 500	291.5	1 297.25	1 466.36	2 763.61	0.025
76	7 600	292.4	1 302.15	1 460.03	2 762.18	0.025
77	7 700	293.3	1 307.02	1 453.71	2 760.73	0.024
78	7 800	294.2	1 311.86	1 447.40	2 759.26	0.024
79	7 900	295.1	1 316.67	1 441.11	2 757.78	0.024
80	8 000	295.9	1 321.45	1 434.83	2 756.27	0.023

Valves Instruments Plus Ltd has taken care to ensure the accuracy of the information in this document at the time of printing. The company is not liable for errors, omissions, or any misinterpretation of the content. *Information is subject to change without notice.*

Saturated Steam Tables (Page 6)

Pressure		Temperature	Specific Enthalpy			Specific Volume Steam
			Water (hf)	Evaporation (hfg)	Steam (hg)	
bar	kPa	°C	kJ/kg	kJ/kg	kJ/kg	m^3/kg
81	8 100	296.8	1 326.19	1 428.56	2 754.75	0.023
82	8 200	297.6	1 330.91	1 422.31	2 753.22	0.023
83	8 300	298.5	1 335.60	1 416.06	2 751.66	0.022
84	8 400	299.3	1 340.26	1 409.83	2 750.09	0.022
85	8 500	300.1	1 344.90	1 403.60	2 748.50	0.022
86	8 600	301.0	1 349.51	1 397.39	2 746.90	0.021
87	8 700	301.8	1 354.09	1 391.18	2 745.27	0.021
88	8 800	302.6	1 358.65	1 384.98	2 743.64	0.021
89	8 900	303.4	1 363.19	1 378.79	2 741.98	0.020
90	9 000	304.2	1 367.70	1 372.61	2 740.31	0.020
92	9 200	305.8	1 376.66	1 360.25	2 736.91	0.020
94	9 400	307.3	1 385.53	1 347.92	2 733.45	0.019
96	9 600	308.8	1 394.32	1 335.60	2 729.93	0.019
98	9 800	310.3	1 403.04	1 323.30	2 726.34	0.018
100	10 000	311.8	1 411.68	1 311.00	2 722.68	0.018
102	10 200	313.2	1 420.25	1 298.70	2 718.95	0.017
104	10 400	314.6	1 428.76	1 286.40	2 715.16	0.017
106	10 600	316.1	1 437.20	1 274.10	2 711.30	0.017
108	10 800	317.4	1 445.59	1 261.79	2 707.37	0.016
110	11 000	318.8	1 453.92	1 249.46	2 703.38	0.016
112	11 200	320.1	1 462.20	1 237.12	2 699.31	0.015
114	11 400	321.5	1 470.43	1 224.75	2 695.18	0.015
116	11 600	322.8	1 478.61	1 212.36	2 690.97	0.015
118	11 800	324.1	1 486.76	1 199.94	2 686.70	0.014
120	12 000	325.4	1 494.86	1 187.48	2 682.35	0.014