

Saturated Pressure Table

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temperature [°C]	pressure [bar]	density [kg/m³]		enthalpy [kJ/kg]		entropy [J/kg·K]	
		liquid	vapour	liquid	vapour	liquid	vapour
-65,0	0,408	1572,9	2,892	124,75	297,71	0,6882	1,5191
-64,0	0,432	1569,5	3,055	125,84	298,29	0,6934	1,5179
-63,0	0,458	1566,0	3,226	126,92	298,87	0,6986	1,5168
-62,0	0,485	1562,6	3,404	128,01	299,45	0,7037	1,5156
-61,0	0,514	1559,1	3,590	129,10	300,02	0,7089	1,5145
-60,0	0,543	1555,7	3,783	130,19	300,60	0,7140	1,5135
-59,0	0,574	1552,2	3,985	131,28	301,18	0,7191	1,5124
-58,0	0,607	1548,7	4,195	132,38	301,75	0,7242	1,5114
-57,0	0,640	1545,2	4,414	133,48	302,33	0,7293	1,5104
-56,0	0,676	1541,7	4,642	134,57	302,91	0,7343	1,5095
-55,0	0,713	1538,2	4,879	135,68	303,48	0,7394	1,5086
-54,0	0,751	1534,7	5,126	136,78	304,06	0,7444	1,5077
-53,0	0,791	1531,1	5,382	137,88	304,63	0,7494	1,5068
-52,0	0,833	1527,6	5,648	138,99	305,20	0,7544	1,5060
-51,0	0,876	1524,0	5,924	140,10	305,78	0,7594	1,5052
-50,0	0,922	1520,5	6,211	141,21	306,35	0,7644	1,5044
-49,0	0,969	1516,9	6,509	142,32	306,92	0,7694	1,5037
-48,0	1,018	1513,3	6,818	143,44	307,49	0,7743	1,5029
-47,0	1,069	1509,7	7,138	144,56	308,06	0,7792	1,5022
-46,0	1,121	1506,0	7,470	145,68	308,63	0,7842	1,5016
-45,0	1,176	1502,4	7,814	146,80	309,20	0,7891	1,5009
-44,0	1,233	1498,8	8,170	147,92	309,77	0,7940	1,5003
-43,0	1,292	1495,1	8,539	149,05	310,34	0,7989	1,4997
-42,0	1,354	1491,4	8,921	150,18	310,90	0,8037	1,4991
-41,0	1,417	1487,7	9,316	151,31	311,47	0,8086	1,4985
-40,0	1,483	1484,0	9,725	152,44	312,03	0,8135	1,4980
-39,0	1,551	1480,3	10,15	153,58	312,60	0,8183	1,4974
-38,0	1,622	1476,6	10,59	154,71	313,16	0,8231	1,4969
-37,0	1,695	1472,8	11,04	155,85	313,72	0,8279	1,4964
-36,0	1,771	1469,1	11,50	157,00	314,28	0,8327	1,4960
-35,0	1,849	1465,3	11,99	158,14	314,84	0,8375	1,4955
-34,0	1,930	1461,5	12,48	159,29	315,40	0,8423	1,4951
-33,0	2,013	1457,7	13,00	160,44	315,95	0,8471	1,4947
-32,0	2,099	1453,8	13,53	161,59	316,51	0,8519	1,4943
-31,0	2,189	1450,0	14,07	162,74	317,06	0,8566	1,4939
-30,0	2,281	1446,1	14,64	163,90	317,61	0,8614	1,4935
-29,0	2,376	1442,3	15,22	165,06	318,16	0,8661	1,4932
-28,0	2,474	1438,4	15,82	166,22	318,71	0,8708	1,4928
-27,0	2,575	1434,4	16,44	167,39	319,25	0,8755	1,4925
-26,0	2,679	1430,5	17,08	168,56	319,80	0,8802	1,4922
-25,0	2,786	1426,5	17,74	169,73	320,34	0,8849	1,4919

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temperature [°C]	pressure [bar]	density [kg/m³]		enthalpy [kJ/kg]		entropy [J/kg·K]	
		liquid	vapour	liquid	vapour	liquid	vapour
-24,0	2,897	1422,6	18,41	170,90	320,88	0,8896	1,4916
-23,0	3,011	1418,6	19,11	172,08	321,42	0,8943	1,4913
-22,0	3,128	1414,5	19,83	173,26	321,96	0,8990	1,4911
-21,0	3,249	1410,5	20,57	174,44	322,50	0,9036	1,4908
-20,0	3,373	1406,4	21,33	175,62	323,03	0,9083	1,4906
-19,0	3,501	1402,4	22,12	176,81	323,56	0,9129	1,4903
-18,0	3,633	1398,3	22,92	178,00	324,09	0,9176	1,4901
-17,0	3,768	1394,1	23,75	179,20	324,62	0,9222	1,4899
-16,0	3,907	1390,0	24,61	180,39	325,14	0,9268	1,4897
-15,0	4,050	1385,8	25,49	181,59	325,67	0,9315	1,4895
-14,0	4,197	1381,6	26,39	182,80	326,19	0,9361	1,4894
-13,0	4,348	1377,4	27,32	184,00	326,70	0,9407	1,4892
-12,0	4,503	1373,1	28,28	185,21	327,22	0,9453	1,4890
-11,0	4,662	1368,8	29,26	186,43	327,73	0,9499	1,4889
-10,0	4,825	1364,5	30,27	187,64	328,24	0,9544	1,4887
-9,0	4,993	1360,2	31,31	188,86	328,75	0,9590	1,4886
-8,0	5,165	1355,8	32,38	190,08	329,25	0,9636	1,4884
-7,0	5,341	1351,4	33,48	191,31	329,75	0,9682	1,4883
-6,0	5,522	1347,0	34,61	192,54	330,25	0,9727	1,4882
-5,0	5,707	1342,6	35,77	193,77	330,74	0,9773	1,4881
-4,0	5,897	1338,1	36,96	195,01	331,23	0,9818	1,4879
-3,0	6,092	1333,6	38,19	196,25	331,72	0,9864	1,4878
-2,0	6,292	1329,0	39,45	197,50	332,20	0,9909	1,4877
-1,0	6,496	1324,4	40,74	198,75	332,68	0,9955	1,4876
0,0	6,705	1319,8	42,07	200,00	333,16	1,0000	1,4875
1,0	6,920	1315,2	43,44	201,26	333,63	1,0045	1,4874
2,0	7,139	1310,5	44,84	202,52	334,10	1,0091	1,4873
3,0	7,364	1305,7	46,28	203,78	334,56	1,0136	1,4872
4,0	7,594	1301,0	47,77	205,05	335,02	1,0181	1,4870
5,0	7,829	1296,2	49,29	206,33	335,47	1,0226	1,4869
6,0	8,069	1291,3	50,86	207,60	335,92	1,0272	1,4868
7,0	8,316	1286,4	52,47	208,89	336,36	1,0317	1,4867
8,0	8,567	1281,5	54,12	210,17	336,80	1,0362	1,4866
9,0	8,825	1276,5	55,82	211,47	337,23	1,0407	1,4865
10,0	9,088	1271,5	57,56	212,76	337,66	1,0452	1,4863
11,0	9,356	1266,4	59,36	214,06	338,08	1,0497	1,4862
12,0	9,631	1261,3	61,20	215,37	338,50	1,0542	1,4860
13,0	9,912	1256,1	63,10	216,68	338,91	1,0588	1,4859
14,0	10,20	1250,9	65,05	218,00	339,31	1,0633	1,4857
15,0	10,49	1245,6	67,05	219,32	339,71	1,0678	1,4856

temperature [°C]	pressure [bar]	density [kg/m³]		enthalpy [kJ/kg]		entropy [J/kg*K]	
		liquid	vapour	liquid	vapour	liquid	vapour
16,0	10,79	1240,3	69,12	220,65	340,09	1,0723	1,4854
17,0	11,10	1234,9	71,24	221,98	340,48	1,0768	1,4852
18,0	11,41	1229,4	73,42	223,32	340,85	1,0813	1,4850
19,0	11,73	1223,9	75,66	224,67	341,22	1,0859	1,4848
20,0	12,05	1218,3	77,97	226,02	341,58	1,0904	1,4846
21,0	12,38	1212,7	80,34	227,38	341,94	1,0949	1,4844
22,0	12,72	1206,9	82,78	228,74	342,28	1,0995	1,4842
23,0	13,07	1201,2	85,30	230,11	342,62	1,1040	1,4839
24,0	13,42	1195,3	87,89	231,49	342,94	1,1085	1,4836
25,0	13,78	1189,4	90,56	232,87	343,26	1,1131	1,4834
26,0	14,15	1183,3	93,31	234,26	343,57	1,1176	1,4831
27,0	14,52	1177,2	96,14	235,66	343,87	1,1222	1,4827
28,0	14,90	1171,0	99,06	237,07	344,16	1,1268	1,4824
29,0	15,29	1164,8	102,1	238,48	344,44	1,1314	1,4820
30,0	15,69	1158,4	105,2	239,91	344,71	1,1359	1,4817
31,0	16,09	1151,9	108,4	241,34	344,97	1,1405	1,4813
32,0	16,50	1145,4	111,7	242,78	345,22	1,1452	1,4809
33,0	16,92	1138,7	115,1	244,23	345,45	1,1498	1,4804
34,0	17,35	1131,9	118,6	245,69	345,67	1,1544	1,4799
35,0	17,78	1125,0	122,3	247,16	345,88	1,1591	1,4794
36,0	18,23	1117,9	126,0	248,64	346,07	1,1637	1,4789
37,0	18,68	1110,8	130,0	250,13	346,25	1,1684	1,4783
38,0	19,14	1103,5	134,0	251,63	346,41	1,1731	1,4778
39,0	19,61	1096,0	138,2	253,14	346,56	1,1778	1,4771
40,0	20,09	1088,4	142,5	254,67	346,69	1,1826	1,4764
41,0	20,57	1080,6	147,0	256,21	346,80	1,1874	1,4757
42,0	21,07	1072,7	151,7	257,76	346,90	1,1921	1,4750
43,0	21,57	1064,6	156,6	259,33	346,97	1,1970	1,4742
44,0	22,08	1056,2	161,7	260,92	347,02	1,2018	1,4733
45,0	22,61	1047,7	167,0	262,52	347,05	1,2067	1,4724
46,0	23,14	1038,9	172,5	264,14	347,05	1,2116	1,4714
47,0	23,68	1029,9	178,3	265,78	347,02	1,2166	1,4704
48,0	24,23	1020,6	184,3	267,44	346,96	1,2216	1,4692
49,0	24,80	1011,0	190,6	269,12	346,88	1,2267	1,4680
50,0	25,37	1001,1	197,3	270,83	346,75	1,2318	1,4667
51,0	25,95	990,84	204,3	272,56	346,59	1,2369	1,4653
52,0	26,54	980,19	211,7	274,32	346,38	1,2422	1,4638
53,0	27,15	969,09	219,6	276,12	346,13	1,2475	1,4622
54,0	27,76	957,51	228,0	277,95	345,82	1,2529	1,4604
55,0	28,39	945,35	236,9	279,83	345,44	1,2585	1,4584

Saturated Pressure Table

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temperature [°C]	pressure [bar]	density [kg/m³]		enthalpy [kJ/kg]		entropy [J/kg*K]	
		liquid	vapour	liquid	vapour	liquid	vapour
56,0	29,03	932,56	246,5	281,75	345,00	1,2641	1,4563
57,0	29,68	919,00	256,9	283,73	344,47	1,2699	1,4539
58,0	30,34	904,54	268,2	285,77	343,85	1,2758	1,4512
59,0	31,01	889,00	280,6	287,88	343,10	1,2820	1,4482
60,0	31,70	872,09	294,4	290,10	342,21	1,2884	1,4448
61,0	32,41	853,43	310,0	292,44	341,13	1,2952	1,4409
62,0	33,12	832,38	328,0	294,95	339,79	1,3024	1,4362
63,0	33,85	807,84	349,5	297,70	338,08	1,3104	1,4305
64,0	34,60	777,55	376,9	300,86	335,77	1,3195	1,4230
65,0	35,37	735,11	416,6	304,88	332,24	1,3311	1,4120
66,0	36,16	612,97	534,6	314,86	321,41	1,3602	1,3795

Calculated by Refprop version 10.0

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