

Saturated Pressure Table

temperature [°C]	pressure [bar]		density [kg/m ³]		enthalpy [kJ/kg]		entropy [J/kg*K]	
	liquid	vapour	liquid	vapour	liquid	vapour	liquid	vapour
-65,0	0,482	0,480	1391,6	2,070	107,87	391,98	0,6182	1,9834
-64,0	0,511	0,509	1388,5	2,187	109,23	392,53	0,6247	1,9795
-63,0	0,542	0,540	1385,5	2,310	110,58	393,08	0,6311	1,9757
-62,0	0,574	0,571	1382,4	2,437	111,94	393,63	0,6376	1,9719
-61,0	0,607	0,605	1379,4	2,570	113,30	394,18	0,6440	1,9682
-60,0	0,642	0,640	1376,3	2,709	114,66	394,72	0,6504	1,9645
-59,0	0,679	0,676	1373,2	2,854	116,02	395,26	0,6567	1,9609
-58,0	0,717	0,714	1370,1	3,005	117,38	395,80	0,6631	1,9574
-57,0	0,757	0,754	1367,0	3,162	118,74	396,33	0,6694	1,9538
-56,0	0,799	0,796	1363,9	3,326	120,11	396,87	0,6756	1,9504
-55,0	0,843	0,839	1360,8	3,496	121,47	397,40	0,6819	1,9470
-54,0	0,888	0,884	1357,7	3,673	122,84	397,93	0,6881	1,9436
-53,0	0,935	0,932	1354,6	3,857	124,21	398,45	0,6944	1,9403
-52,0	0,985	0,981	1351,4	4,049	125,58	398,98	0,7006	1,9370
-51,0	1,036	1,032	1348,3	4,247	126,95	399,50	0,7067	1,9338
-50,0	1,090	1,086	1345,1	4,454	128,32	400,02	0,7129	1,9306
-49,0	1,146	1,141	1342,0	4,668	129,70	400,53	0,7190	1,9275
-48,0	1,204	1,199	1338,8	4,891	131,08	401,04	0,7251	1,9244
-47,0	1,264	1,259	1335,6	5,122	132,45	401,55	0,7312	1,9213
-46,0	1,326	1,321	1332,4	5,361	133,83	402,06	0,7373	1,9183
-45,0	1,391	1,386	1329,2	5,609	135,21	402,57	0,7433	1,9153
-44,0	1,459	1,453	1326,0	5,866	136,60	403,07	0,7493	1,9124
-43,0	1,529	1,523	1322,8	6,132	137,98	403,57	0,7553	1,9095
-42,0	1,602	1,596	1319,5	6,408	139,37	404,06	0,7613	1,9066
-41,0	1,677	1,671	1316,3	6,693	140,76	404,55	0,7673	1,9038
-40,0	1,755	1,749	1313,0	6,989	142,15	405,04	0,7732	1,9010
-39,0	1,836	1,829	1309,8	7,294	143,54	405,53	0,7792	1,8983
-38,0	1,920	1,913	1306,5	7,610	144,93	406,01	0,7851	1,8956
-37,0	2,007	1,999	1303,2	7,937	146,33	406,49	0,7910	1,8929
-36,0	2,096	2,089	1299,9	8,275	147,73	406,97	0,7969	1,8902
-35,0	2,189	2,181	1296,6	8,624	149,13	407,44	0,8027	1,8876
-34,0	2,285	2,277	1293,2	8,984	150,53	407,91	0,8086	1,8850
-33,0	2,385	2,376	1289,9	9,357	151,94	408,38	0,8144	1,8824
-32,0	2,487	2,479	1286,5	9,741	153,34	408,84	0,8202	1,8799
-31,0	2,593	2,584	1283,2	10,14	154,75	409,30	0,8260	1,8774
-30,0	2,703	2,694	1279,8	10,55	156,17	409,75	0,8318	1,8749
-29,0	2,816	2,806	1276,4	10,97	157,58	410,20	0,8376	1,8725
-28,0	2,933	2,923	1273,0	11,41	159,00	410,65	0,8433	1,8700
-27,0	3,053	3,043	1269,6	11,86	160,42	411,09	0,8491	1,8677
-26,0	3,177	3,166	1266,1	12,32	161,84	411,53	0,8548	1,8653
-25,0	3,306	3,294	1262,7	12,80	163,27	411,97	0,8605	1,8629

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	liquid	vapour	liquid	vapour	liquid	vapour	liquid	vapour
-24,0	3,438	3,426	1259,2	13,29	164,70	412,40	0,8662	1,8606
-23,0	3,574	3,561	1255,7	13,80	166,13	412,83	0,8719	1,8583
-22,0	3,714	3,701	1252,2	14,32	167,56	413,25	0,8776	1,8560
-21,0	3,858	3,845	1248,7	14,86	169,00	413,67	0,8833	1,8538
-20,0	4,007	3,993	1245,1	15,42	170,44	414,08	0,8889	1,8515
-19,0	4,160	4,145	1241,6	15,99	171,88	414,49	0,8946	1,8493
-18,0	4,317	4,302	1238,0	16,58	173,33	414,90	0,9002	1,8471
-17,0	4,479	4,464	1234,4	17,18	174,78	415,30	0,9058	1,8450
-16,0	4,645	4,630	1230,8	17,81	176,23	415,70	0,9114	1,8428
-15,0	4,817	4,800	1227,1	18,45	177,69	416,09	0,9170	1,8407
-14,0	4,992	4,976	1223,5	19,11	179,15	416,47	0,9226	1,8386
-13,0	5,173	5,156	1219,8	19,79	180,61	416,85	0,9282	1,8365
-12,0	5,359	5,341	1216,1	20,48	182,08	417,23	0,9337	1,8344
-11,0	5,550	5,531	1212,4	21,20	183,55	417,60	0,9393	1,8323
-10,0	5,746	5,727	1208,7	21,94	185,02	417,97	0,9449	1,8302
-9,0	5,947	5,927	1204,9	22,70	186,50	418,33	0,9504	1,8282
-8,0	6,153	6,133	1201,1	23,48	187,99	418,68	0,9559	1,8262
-7,0	6,365	6,344	1197,3	24,29	189,47	419,03	0,9615	1,8242
-6,0	6,583	6,561	1193,5	25,11	190,96	419,37	0,9670	1,8222
-5,0	6,806	6,783	1189,6	25,96	192,46	419,71	0,9725	1,8202
-4,0	7,034	7,011	1185,8	26,84	193,96	420,04	0,9780	1,8182
-3,0	7,268	7,244	1181,9	27,73	195,46	420,37	0,9835	1,8162
-2,0	7,509	7,484	1177,9	28,66	196,97	420,69	0,9890	1,8143
-1,0	7,755	7,729	1174,0	29,60	198,48	421,00	0,9945	1,8123
0,0	8,007	7,981	1170,0	30,58	200,00	421,31	1,0000	1,8104
1,0	8,265	8,238	1166,0	31,58	201,52	421,60	1,0055	1,8084
2,0	8,530	8,502	1161,9	32,61	203,05	421,90	1,0110	1,8065
3,0	8,801	8,772	1157,8	33,66	204,58	422,18	1,0164	1,8046
4,0	9,078	9,049	1153,7	34,75	206,12	422,46	1,0219	1,8027
5,0	9,362	9,332	1149,6	35,86	207,66	422,73	1,0274	1,8007
6,0	9,653	9,621	1145,4	37,01	209,21	422,99	1,0328	1,7988
7,0	9,950	9,918	1141,2	38,19	210,77	423,25	1,0383	1,7969
8,0	10,25	10,22	1137,0	39,40	212,33	423,49	1,0438	1,7950
9,0	10,57	10,53	1132,7	40,64	213,89	423,73	1,0492	1,7931
10,0	10,88	10,85	1128,4	41,92	215,46	423,96	1,0547	1,7912
11,0	11,21	11,17	1124,0	43,23	217,04	424,18	1,0602	1,7893
12,0	11,54	11,50	1119,7	44,58	218,63	424,39	1,0656	1,7874
13,0	11,88	11,84	1115,2	45,97	220,22	424,59	1,0711	1,7855
14,0	12,23	12,19	1110,8	47,39	221,81	424,79	1,0765	1,7836
15,0	12,58	12,54	1106,3	48,86	223,42	424,97	1,0820	1,7816

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	liquid	vapour	liquid	vapour	liquid	vapour	liquid	vapour
16,0	12,95	12,91	1101,7	50,36	225,03	425,14	1,0875	1,7797
17,0	13,32	13,27	1097,1	51,91	226,64	425,31	1,0929	1,7778
18,0	13,70	13,65	1092,5	53,50	228,27	425,46	1,0984	1,7758
19,0	14,08	14,04	1087,8	55,13	229,90	425,60	1,1039	1,7739
20,0	14,48	14,43	1083,1	56,81	231,54	425,73	1,1094	1,7719
21,0	14,88	14,83	1078,3	58,54	233,19	425,85	1,1148	1,7700
22,0	15,29	15,24	1073,4	60,32	234,85	425,95	1,1203	1,7680
23,0	15,71	15,66	1068,6	62,15	236,51	426,04	1,1258	1,7660
24,0	16,14	16,09	1063,6	64,04	238,18	426,12	1,1313	1,7640
25,0	16,57	16,52	1058,6	65,97	239,86	426,19	1,1368	1,7619
26,0	17,02	16,97	1053,6	67,97	241,55	426,25	1,1424	1,7599
27,0	17,48	17,42	1048,4	70,02	243,25	426,28	1,1479	1,7578
28,0	17,94	17,88	1043,3	72,13	244,96	426,31	1,1534	1,7558
29,0	18,41	18,35	1038,0	74,31	246,68	426,32	1,1590	1,7537
30,0	18,89	18,84	1032,7	76,55	248,41	426,31	1,1645	1,7515
31,0	19,39	19,33	1027,3	78,86	250,15	426,29	1,1701	1,7494
32,0	19,89	19,83	1021,9	81,25	251,90	426,25	1,1757	1,7472
33,0	20,40	20,34	1016,4	83,70	253,66	426,20	1,1813	1,7450
34,0	20,92	20,86	1010,8	86,24	255,43	426,12	1,1869	1,7428
35,0	21,45	21,39	1005,1	88,85	257,22	426,03	1,1925	1,7405
36,0	21,99	21,92	999,32	91,55	259,01	425,92	1,1982	1,7382
37,0	22,54	22,47	993,47	94,34	260,82	425,79	1,2038	1,7359
38,0	23,10	23,03	987,52	97,22	262,65	425,63	1,2095	1,7335
39,0	23,67	23,61	981,48	100,2	264,48	425,46	1,2152	1,7311
40,0	24,26	24,19	975,33	103,3	266,33	425,26	1,2210	1,7286
41,0	24,85	24,78	969,08	106,5	268,20	425,04	1,2267	1,7261
42,0	25,45	25,38	962,72	109,8	270,08	424,79	1,2325	1,7235
43,0	26,07	26,00	956,23	113,2	271,98	424,52	1,2383	1,7209
44,0	26,70	26,62	949,62	116,7	273,90	424,21	1,2442	1,7182
45,0	27,34	27,26	942,88	120,4	275,84	423,88	1,2501	1,7155
46,0	27,99	27,91	935,99	124,2	277,80	423,52	1,2560	1,7127
47,0	28,65	28,57	928,95	128,2	279,77	423,12	1,2619	1,7098
48,0	29,32	29,25	921,75	132,3	281,77	422,69	1,2680	1,7069
49,0	30,01	29,93	914,37	136,6	283,80	422,22	1,2740	1,7038
50,0	30,71	30,63	906,80	141,1	285,85	421,72	1,2801	1,7007
51,0	31,42	31,34	899,03	145,8	287,93	421,17	1,2863	1,6975
52,0	32,14	32,06	891,03	150,7	290,03	420,57	1,2926	1,6941
53,0	32,88	32,80	882,79	155,9	292,17	419,92	1,2989	1,6906
54,0	33,63	33,55	874,27	161,3	294,35	419,22	1,3053	1,6871
55,0	34,39	34,31	865,46	167,0	296,57	418,46	1,3118	1,6833

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	liquid	vapour	liquid	vapour	liquid	vapour	liquid	vapour
56,0	35,17	35,09	856,31	173,0	298,83	417,64	1,3184	1,6794
57,0	35,96	35,88	846,80	179,3	301,13	416,74	1,3251	1,6753
58,0	36,76	36,69	836,86	186,0	303,50	415,77	1,3319	1,6711
59,0	37,58	37,51	826,45	193,2	305,92	414,71	1,3390	1,6665
60,0	38,42	38,34	815,49	200,8	308,41	413,54	1,3461	1,6618
61,0	39,27	39,20	803,90	209,0	310,99	412,27	1,3535	1,6567
62,0	40,13	40,06	791,57	217,8	313,66	410,86	1,3612	1,6513
63,0	41,01	40,94	778,34	227,4	316,44	409,30	1,3691	1,6455
64,0	41,91	41,84	764,04	237,9	319,35	407,56	1,3775	1,6391
65,0	42,82	42,76	748,40	249,6	322,43	405,60	1,3862	1,6322
66,0	43,75	43,69	731,03	262,7	325,73	403,35	1,3956	1,6245
67,0	44,70	44,65	711,34	277,7	329,32	400,74	1,4058	1,6158
68,0	45,67	45,62	688,29	295,3	333,32	397,62	1,4171	1,6056
69,0	46,65	46,61	659,83	317,1	338,01	393,72	1,4304	1,5933
70,0	47,65	47,62	620,47	346,4	344,10	388,43	1,4477	1,5769
71,0	48,67	48,65	543,84	397,7	355,32	379,22	1,4799	1,5493

Calculated by Refprop version 10.0

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revised 08.01.2020

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IBAN: DE707907001600202804 00
 BIC: DEUTDEMM790