

R 507



Temperatur [°C]	Druck [bar]		Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [J/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
-30,000	2,1289	2,1283	1263,1	11,280	160,17	345,81	0,84694	1,6105
-29,000	2,2173	2,2166	1259,8	11,726	161,45	346,39	0,85218	1,6097
-28,000	2,3084	2,3077	1256,5	12,186	162,73	346,97	0,85741	1,6090
-27,000	2,4024	2,4016	1253,2	12,660	164,02	347,54	0,86262	1,6082
-26,000	2,4993	2,4984	1249,8	13,149	165,31	348,11	0,86783	1,6075
-25,000	2,5992	2,5982	1246,4	13,653	166,61	348,68	0,87302	1,6068
-24,000	2,7021	2,7010	1243,1	14,172	167,90	349,25	0,87820	1,6061
-23,000	2,8080	2,8069	1239,7	14,706	169,20	349,82	0,88337	1,6055
-22,000	2,9172	2,9160	1236,3	15,256	170,51	350,38	0,88854	1,6048
-21,000	3,0295	3,0283	1232,8	15,823	171,81	350,95	0,89369	1,6042
-20,000	3,1452	3,1438	1229,4	16,406	173,12	351,50	0,89883	1,6035
-19,000	3,2641	3,2627	1225,9	17,006	174,43	352,06	0,90396	1,6029
-18,000	3,3865	3,3849	1222,4	17,623	175,75	352,62	0,90909	1,6023
-17,000	3,5123	3,5106	1218,9	18,259	177,07	353,17	0,91420	1,6017
-16,000	3,6417	3,6399	1215,4	18,912	178,39	353,72	0,91931	1,6012
-15,000	3,7746	3,7727	1211,9	19,585	179,71	354,26	0,92440	1,6006
-14,000	3,9112	3,9091	1208,3	20,276	181,04	354,81	0,92949	1,6001
-13,000	4,0515	4,0493	1204,7	20,987	182,37	355,35	0,93457	1,5995
-12,000	4,1956	4,1933	1201,1	21,718	183,70	355,88	0,93965	1,5990
-11,000	4,3435	4,3411	1197,5	22,470	185,04	356,42	0,94471	1,5985
-10,000	4,4954	4,4928	1193,9	23,242	186,38	356,95	0,94977	1,5980
-9,0000	4,6512	4,6485	1190,2	24,037	187,73	357,48	0,95482	1,5975
-8,0000	4,8111	4,8082	1186,6	24,853	189,08	358,00	0,95986	1,5970
-7,0000	4,9750	4,9720	1182,9	25,692	190,43	358,52	0,96490	1,5965
-6,0000	5,1432	5,1400	1179,1	26,553	191,78	359,04	0,96993	1,5960
-5,0000	5,3156	5,3123	1175,4	27,439	193,14	359,55	0,97496	1,5956
-4,0000	5,4924	5,4889	1171,6	28,349	194,51	360,06	0,97998	1,5951
-3,0000	5,6735	5,6698	1167,8	29,284	195,87	360,57	0,98499	1,5947
-2,0000	5,8591	5,8552	1164,0	30,244	197,24	361,07	0,99000	1,5942
-1,0000	6,0492	6,0452	1160,1	31,230	198,62	361,56	0,99500	1,5938
0,00000	6,2439	6,2397	1156,3	32,243	200,00	362,06	1,00000	1,5933
1,0000	6,4433	6,4389	1152,3	33,284	201,38	362,55	1,00500	1,5929
2,0000	6,6475	6,6428	1148,4	34,353	202,77	363,03	1,01000	1,5925
3,0000	6,8564	6,8516	1144,5	35,451	204,16	363,51	1,01500	1,5920
4,0000	7,0702	7,0652	1140,5	36,579	205,56	363,99	1,02000	1,5916
5,0000	7,2890	7,2838	1136,4	37,737	206,96	364,46	1,0249	1,5912
6,0000	7,5129	7,5074	1132,4	38,926	208,37	364,92	1,0299	1,5908
7,0000	7,7418	7,7361	1128,3	40,148	209,78	365,38	1,0349	1,5903
8,0000	7,9759	7,9700	1124,2	41,403	211,20	365,84	1,0399	1,5899
9,0000	8,2153	8,2091	1120,0	42,691	212,62	366,29	1,0448	1,5895
10,000	8,4601	8,4536	1115,8	44,015	214,04	366,73	1,0498	1,5891
11,000	8,7102	8,7035	1111,6	45,375	215,47	367,17	1,0548	1,5886
12,000	8,9658	8,9589	1107,3	46,771	216,91	367,60	1,0597	1,5882
13,000	9,2271	9,2199	1103,0	48,206	218,35	368,03	1,0647	1,5878
14,000	9,4939	9,4864	1098,7	49,680	219,80	368,45	1,0696	1,5873

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15,000	9,7665	9,7588	1094,3	51,194	221,25	368,86	1,0746	1,5869
16,000	10,045	10,037	1089,9	52,750	222,71	369,26	1,0796	1,5864
17,000	10,329	10,321	1085,4	54,349	224,18	369,66	1,0845	1,5860
18,000	10,619	10,611	1080,9	55,993	225,65	370,06	1,0895	1,5855
19,000	10,916	10,907	1076,3	57,681	227,12	370,44	1,0945	1,5851
20,000	11,218	11,209	1071,7	59,418	228,61	370,82	1,0995	1,5846
21,000	11,527	11,517	1067,0	61,202	230,10	371,19	1,1044	1,5841
22,000	11,842	11,832	1062,3	63,038	231,59	371,55	1,1094	1,5836
23,000	12,163	12,153	1057,6	64,925	233,10	371,90	1,1144	1,5831
24,000	12,491	12,481	1052,7	66,867	234,61	372,25	1,1194	1,5826
25,000	12,826	12,815	1047,9	68,864	236,13	372,58	1,1244	1,5821
26,000	13,167	13,156	1042,9	70,919	237,65	372,91	1,1294	1,5815
27,000	13,515	13,503	1037,9	73,034	239,18	373,22	1,1344	1,5810
28,000	13,869	13,857	1032,9	75,212	240,73	373,53	1,1394	1,5804
29,000	14,231	14,219	1027,7	77,455	242,27	373,82	1,1444	1,5798
30,000	14,600	14,587	1022,5	79,765	243,83	374,11	1,1494	1,5792
31,000	14,975	14,962	1017,3	82,145	245,40	374,38	1,1545	1,5786
32,000	15,358	15,345	1011,9	84,598	246,97	374,64	1,1595	1,5779
33,000	15,749	15,735	1006,5	87,127	248,56	374,89	1,1646	1,5772
34,000	16,146	16,132	1001,0	89,736	250,15	375,13	1,1697	1,5765
35,000	16,552	16,537	995,38	92,428	251,76	375,35	1,1747	1,5758
36,000	16,965	16,950	989,70	95,207	253,38	375,56	1,1798	1,5751
37,000	17,385	17,370	983,92	98,077	255,00	375,75	1,1850	1,5743
38,000	17,814	17,798	978,05	101,04	256,64	375,93	1,1901	1,5735
39,000	18,250	18,235	972,07	104,11	258,29	376,09	1,1952	1,5727
40,000	18,695	18,679	965,99	107,28	259,95	376,24	1,2004	1,5718
41,000	19,148	19,131	959,79	110,56	261,63	376,37	1,2056	1,5709
42,000	19,609	19,592	953,47	113,96	263,31	376,48	1,2108	1,5699
43,000	20,078	20,061	947,02	117,49	265,02	376,57	1,2160	1,5689
44,000	20,556	20,539	940,44	121,14	266,73	376,63	1,2213	1,5679
45,000	21,043	21,025	933,72	124,94	268,47	376,68	1,2266	1,5668
46,000	21,539	21,520	926,85	128,88	270,21	376,70	1,2319	1,5656
47,000	22,043	22,024	919,81	132,99	271,98	376,70	1,2373	1,5644
48,000	22,557	22,538	912,61	137,26	273,77	376,67	1,2427	1,5631
49,000	23,080	23,060	905,22	141,71	275,57	376,61	1,2481	1,5618
50,000	23,612	23,592	897,63	146,36	277,40	376,53	1,2536	1,5603
51,000	24,154	24,134	889,84	151,23	279,24	376,40	1,2591	1,5588
52,000	24,705	24,685	881,81	156,32	281,12	376,25	1,2647	1,5573
53,000	25,266	25,246	873,53	161,66	283,01	376,05	1,2703	1,5556
54,000	25,838	25,818	864,98	167,27	284,94	375,81	1,2760	1,5538
55,000	26,420	26,399	856,14	173,19	286,90	375,53	1,2818	1,5519
56,000	27,012	26,991	846,96	179,44	288,88	375,19	1,2876	1,5498
57,000	27,614	27,594	837,42	186,05	290,91	374,80	1,2935	1,5476
58,000	28,228	28,208	827,47	193,09	292,98	374,34	1,2996	1,5453
59,000	28,853	28,833	817,06	200,59	295,09	373,81	1,3057	1,5427
60,000	29,489	29,469	806,12	208,63	297,26	373,20	1,3120	1,5399
61,000	30,137	30,117	794,56	217,30	299,48	372,50	1,3184	1,5369
62,000	30,796	30,778	782,29	226,70	301,78	371,69	1,3250	1,5336

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63,000	31,468	31,451	769,15	236,98	304,16	370,74	1,3318	1,5299
64,000	32,153	32,136	754,96	248,34	306,64	369,64	1,3389	1,5258
65,000	32,851	32,835	739,42	261,06	309,25	368,34	1,3464	1,5212
66,000	33,562	33,548	722,11	275,57	312,03	366,78	1,3543	1,5158
67,000	34,288	34,276	702,30	292,58	315,05	364,86	1,3629	1,5094
68,000	35,029	35,019	678,62	313,40	318,44	362,41	1,3726	1,5014
69,000	35,786	35,779	647,88	341,01	322,51	359,02	1,3841	1,4908
70,000	36,561	36,558	597,62	386,39	328,50	353,25	1,4013	1,4734

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