

R 152a



Temperatur [°C]	Druck [bar]	Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [J/kg*K]	
		flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
-30,000	0,77184	1023,5	2,6149	150,39	485,55	0,80845	2,1868
-29,000	0,80865	1021,5	2,7317	152,01	486,29	0,81506	2,1842
-28,000	0,84685	1019,4	2,8526	153,62	487,04	0,82164	2,1817
-27,000	0,88647	1017,4	2,9776	155,24	487,78	0,82821	2,1792
-26,000	0,92755	1015,3	3,1069	156,86	488,52	0,83476	2,1767
-25,000	0,97013	1013,2	3,2407	158,48	489,26	0,84130	2,1743
-24,000	1,0142	1011,1	3,3789	160,11	490,00	0,84782	2,1719
-23,000	1,0599	1009,0	3,5218	161,74	490,74	0,85433	2,1695
-22,000	1,1072	1006,9	3,6694	163,37	491,47	0,86081	2,1672
-21,000	1,1562	1004,8	3,8218	165,00	492,21	0,86729	2,1649
-20,000	1,2068	1002,7	3,9791	166,64	492,94	0,87374	2,1627
-19,000	1,2592	1000,6	4,1416	168,28	493,67	0,88019	2,1605
-18,000	1,3133	998,49	4,3092	169,92	494,40	0,88661	2,1583
-17,000	1,3693	996,36	4,4821	171,56	495,12	0,89303	2,1562
-16,000	1,4271	994,23	4,6605	173,21	495,85	0,89942	2,1541
-15,000	1,4868	992,09	4,8444	174,86	496,57	0,90581	2,1520
-14,000	1,5484	989,94	5,0339	176,52	497,29	0,91218	2,1500
-13,000	1,6120	987,79	5,2293	178,17	498,01	0,91853	2,1479
-12,000	1,6777	985,63	5,4306	179,83	498,72	0,92488	2,1460
-11,000	1,7454	983,46	5,6380	181,50	499,43	0,93120	2,1440
-10,000	1,8152	981,28	5,8515	183,16	500,15	0,93752	2,1421
-9,0000	1,8872	979,10	6,0714	184,83	500,85	0,94382	2,1402
-8,0000	1,9614	976,91	6,2978	186,50	501,56	0,95011	2,1383
-7,0000	2,0379	974,72	6,5307	188,18	502,26	0,95639	2,1365
-6,0000	2,1166	972,51	6,7705	189,86	502,96	0,96266	2,1347
-5,0000	2,1977	970,30	7,0171	191,54	503,66	0,96891	2,1329
-4,0000	2,2812	968,08	7,2707	193,22	504,36	0,97515	2,1311
-3,0000	2,3671	965,85	7,5316	194,91	505,05	0,98138	2,1294
-2,0000	2,4555	963,61	7,7998	196,61	505,74	0,98760	2,1277
-1,0000	2,5464	961,37	8,0755	198,30	506,43	0,99380	2,1260
0,00000	2,6399	959,11	8,3589	200,00	507,11	1,0000	2,1243
1,0000	2,7361	956,85	8,6501	201,70	507,79	1,0062	2,1227
2,0000	2,8349	954,58	8,9493	203,41	508,47	1,0124	2,1211
3,0000	2,9364	952,30	9,2566	205,12	509,15	1,0185	2,1195
4,0000	3,0407	950,01	9,5723	206,83	509,82	1,0247	2,1179
5,0000	3,1478	947,71	9,8965	208,55	510,49	1,0308	2,1164
6,0000	3,2578	945,40	10,229	210,27	511,16	1,0370	2,1148
7,0000	3,3708	943,08	10,571	211,99	511,82	1,0431	2,1133
8,0000	3,4867	940,76	10,922	213,72	512,48	1,0492	2,1118
9,0000	3,6056	938,42	11,282	215,45	513,13	1,0553	2,1103
10,000	3,7277	936,07	11,651	217,19	513,78	1,0614	2,1089
11,000	3,8528	933,71	12,030	218,93	514,43	1,0675	2,1074
12,000	3,9812	931,34	12,419	220,67	515,08	1,0736	2,1060
13,000	4,1128	928,96	12,818	222,42	515,72	1,0796	2,1046
14,000	4,2476	926,57	13,227	224,17	516,36	1,0857	2,1032
15,000	4,3859	924,16	13,647	225,93	516,99	1,0917	2,1018

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16,000	4,5275	921,75	14,077	227,69	517,62	1,0978	2,1005
17,000	4,6726	919,32	14,518	229,45	518,24	1,1038	2,0991
18,000	4,8211	916,89	14,971	231,22	518,86	1,1098	2,0978
19,000	4,9733	914,44	15,434	233,00	519,48	1,1159	2,0965
20,000	5,1291	911,97	15,910	234,77	520,09	1,1219	2,0952
21,000	5,2885	909,50	16,397	236,55	520,70	1,1279	2,0939
22,000	5,4517	907,01	16,896	238,34	521,30	1,1339	2,0926
23,000	5,6186	904,51	17,407	240,13	521,90	1,1399	2,0913
24,000	5,7894	901,99	17,932	241,93	522,50	1,1459	2,0901
25,000	5,9641	899,47	18,469	243,73	523,09	1,1519	2,0888
26,000	6,1428	896,92	19,019	245,53	523,67	1,1578	2,0876
27,000	6,3255	894,37	19,583	247,34	524,25	1,1638	2,0864
28,000	6,5122	891,79	20,160	249,16	524,83	1,1698	2,0852
29,000	6,7031	889,21	20,751	250,98	525,40	1,1757	2,0840
30,000	6,8982	886,61	21,357	252,80	525,96	1,1817	2,0828
31,000	7,0975	883,99	21,978	254,63	526,52	1,1877	2,0816
32,000	7,3012	881,36	22,613	256,47	527,07	1,1936	2,0804
33,000	7,5092	878,71	23,264	258,31	527,62	1,1996	2,0792
34,000	7,7216	876,04	23,931	260,16	528,16	1,2055	2,0780
35,000	7,9385	873,36	24,613	262,01	528,70	1,2114	2,0769
36,000	8,1600	870,66	25,312	263,86	529,23	1,2174	2,0757
37,000	8,3861	867,94	26,028	265,73	529,75	1,2233	2,0746
38,000	8,6169	865,20	26,761	267,60	530,27	1,2292	2,0734
39,000	8,8524	862,45	27,511	269,47	530,78	1,2351	2,0723
40,000	9,0927	859,67	28,280	271,35	531,28	1,2411	2,0711
41,000	9,3378	856,88	29,067	273,24	531,78	1,2470	2,0700
42,000	9,5879	854,07	29,873	275,13	532,27	1,2529	2,0689
43,000	9,8430	851,23	30,698	277,03	532,76	1,2588	2,0677
44,000	10,103	848,38	31,543	278,93	533,23	1,2648	2,0666
45,000	10,368	845,50	32,408	280,84	533,70	1,2707	2,0655
46,000	10,639	842,60	33,294	282,76	534,16	1,2766	2,0643
47,000	10,915	839,68	34,202	284,68	534,62	1,2825	2,0632
48,000	11,196	836,74	35,131	286,62	535,06	1,2884	2,0620
49,000	11,482	833,77	36,083	288,55	535,50	1,2943	2,0609
50,000	11,774	830,78	37,058	290,50	535,93	1,3003	2,0598
51,000	12,071	827,76	38,056	292,45	536,35	1,3062	2,0586
52,000	12,374	824,72	39,079	294,41	536,77	1,3121	2,0575
53,000	12,683	821,65	40,127	296,38	537,17	1,3180	2,0563
54,000	12,997	818,56	41,200	298,35	537,56	1,3240	2,0552
55,000	13,317	815,43	42,300	300,34	537,95	1,3299	2,0540
56,000	13,643	812,28	43,427	302,33	538,32	1,3358	2,0528
57,000	13,975	809,10	44,582	304,33	538,69	1,3418	2,0516
58,000	14,313	805,89	45,765	306,34	539,04	1,3477	2,0504
59,000	14,657	802,65	46,978	308,35	539,39	1,3537	2,0493
60,000	15,007	799,37	48,222	310,38	539,72	1,3596	2,0480
61,000	15,364	796,06	49,497	312,41	540,04	1,3656	2,0468
62,000	15,726	792,72	50,805	314,45	540,35	1,3716	2,0456
63,000	16,095	789,34	52,146	316,51	540,65	1,3775	2,0443

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64,000	16,471	785,93	53,521	318,57	540,94	1,3835	2,0431
65,000	16,853	782,48	54,933	320,64	541,21	1,3895	2,0418
66,000	17,242	778,99	56,381	322,72	541,47	1,3955	2,0405
67,000	17,637	775,46	57,867	324,82	541,72	1,4015	2,0392
68,000	18,039	771,89	59,393	326,92	541,95	1,4076	2,0379
69,000	18,448	768,27	60,960	329,04	542,17	1,4136	2,0365
70,000	18,864	764,61	62,569	331,16	542,37	1,4196	2,0351
71,000	19,287	760,91	64,223	333,30	542,56	1,4257	2,0337
72,000	19,717	757,15	65,922	335,45	542,73	1,4318	2,0323
73,000	20,154	753,35	67,668	337,61	542,88	1,4379	2,0309
74,000	20,599	749,50	69,464	339,79	543,02	1,4440	2,0294
75,000	21,051	745,59	71,312	341,98	543,14	1,4501	2,0279
76,000	21,510	741,62	73,213	344,18	543,24	1,4562	2,0264
77,000	21,977	737,60	75,170	346,40	543,32	1,4624	2,0248
78,000	22,452	733,52	77,185	348,63	543,38	1,4686	2,0232
79,000	22,934	729,37	79,262	350,88	543,42	1,4748	2,0215
80,000	23,424	725,15	81,403	353,15	543,43	1,4810	2,0198

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