

# R 23

Temperatur [°C]	Druck [bar]	Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [J/kg*K]	
		flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
-80,000	1,1370	1437,9	5,1955	87,104	324,81	0,52363	1,7543
-79,000	1,2027	1434,1	5,4765	88,348	325,22	0,53003	1,7501
-78,000	1,2712	1430,2	5,7694	89,595	325,63	0,53641	1,7459
-77,000	1,3428	1426,4	6,0745	90,843	326,04	0,54276	1,7418
-76,000	1,4175	1422,5	6,3921	92,093	326,44	0,54909	1,7378
-75,000	1,4955	1418,6	6,7226	93,345	326,84	0,55540	1,7338
-74,000	1,5768	1414,7	7,0664	94,600	327,24	0,56169	1,7299
-73,000	1,6615	1410,7	7,4239	95,857	327,63	0,56795	1,7260
-72,000	1,7496	1406,8	7,7953	97,116	328,03	0,57419	1,7221
-71,000	1,8415	1402,8	8,1813	98,377	328,41	0,58042	1,7184
-70,000	1,9370	1398,9	8,5821	99,641	328,79	0,58662	1,7146
-69,000	2,0363	1394,9	8,9981	100,91	329,17	0,59280	1,7109
-68,000	2,1395	1390,9	9,4299	102,18	329,55	0,59897	1,7073
-67,000	2,2468	1386,8	9,8777	103,45	329,92	0,60511	1,7037
-66,000	2,3582	1382,8	10,342	104,72	330,29	0,61124	1,7001
-65,000	2,4737	1378,7	10,824	106,00	330,65	0,61735	1,6966
-64,000	2,5937	1374,7	11,323	107,28	331,01	0,62344	1,6931
-63,000	2,7180	1370,6	11,839	108,56	331,36	0,62951	1,6897
-62,000	2,8469	1366,4	12,375	109,85	331,71	0,63557	1,6863
-61,000	2,9805	1362,3	12,929	111,13	332,06	0,64161	1,6830
-60,000	3,1188	1358,1	13,503	112,43	332,40	0,64764	1,6796
-59,000	3,2620	1353,9	14,096	113,72	332,73	0,65365	1,6763
-58,000	3,4102	1349,7	14,711	115,02	333,06	0,65964	1,6731
-57,000	3,5635	1345,5	15,346	116,32	333,39	0,66562	1,6699
-56,000	3,7220	1341,3	16,003	117,62	333,71	0,67159	1,6667
-55,000	3,8859	1337,0	16,682	118,93	334,02	0,67754	1,6635
-54,000	4,0552	1332,7	17,383	120,24	334,33	0,68348	1,6604
-53,000	4,2301	1328,4	18,108	121,56	334,64	0,68941	1,6573
-52,000	4,4106	1324,0	18,858	122,88	334,94	0,69532	1,6542
-51,000	4,5970	1319,7	19,631	124,20	335,23	0,70123	1,6512
-50,000	4,7893	1315,3	20,430	125,53	335,52	0,70712	1,6482
-49,000	4,9876	1310,8	21,255	126,86	335,80	0,71300	1,6452
-48,000	5,1921	1306,4	22,107	128,19	336,07	0,71887	1,6422
-47,000	5,4029	1301,9	22,986	129,53	336,34	0,72473	1,6392
-46,000	5,6201	1297,4	23,893	130,87	336,61	0,73058	1,6363
-45,000	5,8439	1292,9	24,830	132,22	336,86	0,73642	1,6334
-44,000	6,0743	1288,3	25,795	133,57	337,11	0,74226	1,6305
-43,000	6,3115	1283,7	26,792	134,93	337,36	0,74808	1,6276
-42,000	6,5557	1279,0	27,819	136,29	337,59	0,75390	1,6248
-41,000	6,8069	1274,4	28,879	137,65	337,82	0,75971	1,6219
-40,000	7,0653	1269,7	29,972	139,02	338,04	0,76551	1,6191
-39,000	7,3310	1264,9	31,099	140,40	338,26	0,77131	1,6163
-38,000	7,6042	1260,2	32,262	141,78	338,46	0,77710	1,6135

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-37,000	7,8849	1255,3	33,460	143,17	338,66	0,78289	1,6107
-36,000	8,1734	1250,5	34,695	144,56	338,85	0,78867	1,6080
-35,000	8,4697	1245,6	35,969	145,95	339,04	0,79445	1,6052
-34,000	8,7740	1240,7	37,281	147,36	339,21	0,80022	1,6025
-33,000	9,0864	1235,7	38,635	148,76	339,38	0,80599	1,5997
-32,000	9,4071	1230,7	40,030	150,18	339,53	0,81176	1,5970
-31,000	9,7363	1225,6	41,468	151,60	339,68	0,81753	1,5942
-30,000	10,074	1220,5	42,950	153,03	339,82	0,82330	1,5915
-29,000	10,420	1215,3	44,479	154,46	339,95	0,82906	1,5888
-28,000	10,775	1210,1	46,054	155,90	340,06	0,83483	1,5861
-27,000	11,140	1204,9	47,678	157,35	340,17	0,84059	1,5833
-26,000	11,513	1199,6	49,352	158,80	340,27	0,84636	1,5806
-25,000	11,896	1194,2	51,079	160,26	340,36	0,85213	1,5779
-24,000	12,288	1188,8	52,859	161,73	340,43	0,85791	1,5752
-23,000	12,689	1183,3	54,695	163,21	340,50	0,86368	1,5724
-22,000	13,100	1177,8	56,588	164,69	340,55	0,86946	1,5697
-21,000	13,522	1172,2	58,541	166,18	340,59	0,87525	1,5669
-20,000	13,953	1166,6	60,556	167,68	340,62	0,88104	1,5642
-19,000	14,394	1160,8	62,634	169,19	340,63	0,88684	1,5614
-18,000	14,846	1155,0	64,779	170,71	340,63	0,89265	1,5586
-17,000	15,308	1149,2	66,993	172,24	340,62	0,89847	1,5558
-16,000	15,781	1143,2	69,279	173,77	340,59	0,90430	1,5530
-15,000	16,265	1137,2	71,639	175,32	340,55	0,91013	1,5502
-14,000	16,760	1131,1	74,077	176,88	340,49	0,91598	1,5473
-13,000	17,266	1125,0	76,596	178,44	340,42	0,92185	1,5445
-12,000	17,784	1118,7	79,199	180,02	340,33	0,92773	1,5416
-11,000	18,313	1112,3	81,890	181,61	340,22	0,93362	1,5386
-10,000	18,853	1105,9	84,672	183,21	340,09	0,93953	1,5357
-9,000	19,406	1099,3	87,551	184,83	339,95	0,94546	1,5327
-8,000	19,971	1092,7	90,531	186,45	339,78	0,95141	1,5297
-7,000	20,548	1085,9	93,616	188,09	339,60	0,95739	1,5266
-6,000	21,137	1079,1	96,812	189,75	339,39	0,96338	1,5235
-5,000	21,739	1072,1	100,12	191,42	339,16	0,96941	1,5204
-4,000	22,354	1064,9	103,56	193,10	338,91	0,97546	1,5172
-3,000	22,982	1057,7	107,12	194,80	338,63	0,98154	1,5140
-2,000	23,624	1050,3	110,82	196,51	338,33	0,98766	1,5107
-1,000	24,278	1042,8	114,67	198,25	338,00	0,99381	1,5073
0,0000	24,947	1035,1	118,67	200,00	337,64	1,0000	1,5039
1,0000	25,629	1027,2	122,83	201,77	337,25	1,0062	1,5004
2,0000	26,326	1019,2	127,17	203,56	336,83	1,0125	1,4969
3,0000	27,037	1011,0	131,69	205,38	336,38	1,0188	1,4932
4,0000	27,762	1002,5	136,41	207,22	335,89	1,0252	1,4895
5,0000	28,503	993,88	141,34	209,08	335,36	1,0317	1,4857
6,0000	29,259	985,01	146,50	210,97	334,78	1,0382	1,4817
7,0000	30,030	975,88	151,91	212,89	334,17	1,0447	1,4777

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<b>8,000</b>	30,817	966,47	157,59	214,84	333,50	1,0514	1,4735
<b>9,000</b>	31,619	956,77	163,57	216,82	332,78	1,0582	1,4692
<b>10,000</b>	32,438	946,75	169,87	218,84	332,01	1,0650	1,4647
<b>11,000</b>	33,274	936,37	176,52	220,90	331,17	1,0719	1,4600
<b>12,000</b>	34,127	925,59	183,56	223,00	330,27	1,0790	1,4552
<b>13,000</b>	34,997	914,36	191,05	225,16	329,29	1,0862	1,4501
<b>14,000</b>	35,885	902,64	199,03	227,37	328,22	1,0936	1,4448
<b>15,000</b>	36,791	890,35	207,58	229,64	327,06	1,1011	1,4392
<b>16,000</b>	37,715	877,42	216,77	231,98	325,79	1,1089	1,4333
<b>17,000</b>	38,659	863,73	226,72	234,41	324,39	1,1169	1,4270
<b>18,000</b>	39,622	849,13	237,57	236,93	322,84	1,1252	1,4203
<b>19,000</b>	40,606	833,46	249,50	239,57	321,12	1,1338	1,4130
<b>20,000</b>	41,610	816,43	262,79	242,36	319,17	1,1430	1,4050