

# R 407D



Temperatur [°C]	Druck [bar]		Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [J/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
-30,000	1,5351	1,1463	1354,6	5,3990	159,42	389,82	0,84365	1,8030
-29,000	1,6022	1,2007	1351,5	5,6405	160,74	390,42	0,84905	1,8014
-28,000	1,6716	1,2572	1348,3	5,8904	162,06	391,01	0,85443	1,7998
-27,000	1,7434	1,3157	1345,2	6,1491	163,38	391,60	0,85979	1,7982
-26,000	1,8175	1,3763	1342,1	6,4166	164,71	392,19	0,86514	1,7967
-25,000	1,8941	1,4391	1338,9	6,6933	166,03	392,77	0,87048	1,7952
-24,000	1,9731	1,5042	1335,7	6,9793	167,36	393,36	0,87580	1,7937
-23,000	2,0547	1,5715	1332,6	7,2749	168,69	393,94	0,88111	1,7923
-22,000	2,1389	1,6412	1329,4	7,5803	170,03	394,52	0,88641	1,7909
-21,000	2,2257	1,7132	1326,2	7,8957	171,36	395,10	0,89169	1,7895
-20,000	2,3153	1,7878	1322,9	8,2214	172,70	395,68	0,89696	1,7881
-19,000	2,4076	1,8648	1319,7	8,5577	174,04	396,26	0,90222	1,7867
-18,000	2,5027	1,9444	1316,5	8,9047	175,39	396,83	0,90747	1,7854
-17,000	2,6007	2,0266	1313,2	9,2628	176,73	397,40	0,91270	1,7841
-16,000	2,7017	2,1116	1310,0	9,6322	178,08	397,97	0,91792	1,7828
-15,000	2,8056	2,1992	1306,7	10,013	179,43	398,54	0,92313	1,7816
-14,000	2,9126	2,2897	1303,4	10,406	180,78	399,10	0,92833	1,7803
-13,000	3,0226	2,3830	1300,1	10,811	182,14	399,66	0,93351	1,7791
-12,000	3,1359	2,4793	1296,8	11,228	183,49	400,23	0,93869	1,7779
-11,000	3,2524	2,5785	1293,5	11,658	184,85	400,78	0,94385	1,7767
-10,000	3,3722	2,6808	1290,1	12,101	186,22	401,34	0,94901	1,7755
-9,0000	3,4953	2,7862	1286,8	12,558	187,58	401,89	0,95415	1,7744
-8,0000	3,6218	2,8948	1283,4	13,027	188,95	402,44	0,95928	1,7733
-7,0000	3,7518	3,0067	1280,0	13,511	190,32	402,99	0,96441	1,7721
-6,0000	3,8853	3,1218	1276,6	14,009	191,70	403,53	0,96952	1,7711
-5,0000	4,0224	3,2403	1273,2	14,522	193,07	404,07	0,97462	1,7700
-4,0000	4,1632	3,3623	1269,8	15,049	194,45	404,61	0,97972	1,7689
-3,0000	4,3077	3,4877	1266,3	15,592	195,83	405,15	0,98480	1,7679
-2,0000	4,4560	3,6167	1262,9	16,150	197,22	405,68	0,98988	1,7668
-1,0000	4,6081	3,7494	1259,4	16,724	198,61	406,21	0,99494	1,7658
0,00000	4,7641	3,8858	1255,9	17,315	200,00	406,74	1,00000	1,7648
1,0000	4,9241	4,0259	1252,4	17,922	201,39	407,26	1,0050	1,7638
2,0000	5,0882	4,1699	1248,8	18,546	202,79	407,78	1,0101	1,7628
3,0000	5,2563	4,3178	1245,3	19,187	204,19	408,30	1,0151	1,7619
4,0000	5,4287	4,4696	1241,7	19,847	205,60	408,82	1,0202	1,7609
5,0000	5,6052	4,6256	1238,1	20,524	207,01	409,33	1,0252	1,7600
6,0000	5,7860	4,7856	1234,5	21,221	208,42	409,83	1,0302	1,7590
7,0000	5,9713	4,9499	1230,9	21,936	209,83	410,34	1,0352	1,7581
8,0000	6,1609	5,1184	1227,2	22,671	211,25	410,83	1,0402	1,7572
9,0000	6,3550	5,2913	1223,5	23,426	212,67	411,33	1,0452	1,7563
10,000	6,5538	5,4686	1219,8	24,201	214,10	411,82	1,0502	1,7554
11,000	6,7571	5,6503	1216,1	24,998	215,52	412,31	1,0551	1,7545
12,000	6,9652	5,8367	1212,4	25,816	216,96	412,79	1,0601	1,7536
13,000	7,1780	6,0276	1208,6	26,655	218,39	413,27	1,0651	1,7528
14,000	7,3957	6,2233	1204,8	27,518	219,83	413,75	1,0700	1,7519

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15,000	7,6182	6,4238	1201,0	28,403	221,28	414,22	1,0750	1,7510
16,000	7,8458	6,6292	1197,2	29,312	222,73	414,68	1,0799	1,7502
17,000	8,0784	6,8395	1193,3	30,245	224,18	415,15	1,0849	1,7493
18,000	8,3161	7,0548	1189,4	31,203	225,64	415,60	1,0898	1,7485
19,000	8,5590	7,2753	1185,5	32,186	227,10	416,06	1,0948	1,7477
20,000	8,8072	7,5009	1181,6	33,195	228,56	416,50	1,0997	1,7468
21,000	9,0607	7,7318	1177,6	34,231	230,03	416,94	1,1046	1,7460
22,000	9,3196	7,9681	1173,6	35,294	231,51	417,38	1,1096	1,7452
23,000	9,5840	8,2098	1169,6	36,386	232,99	417,81	1,1145	1,7444
24,000	9,8539	8,4570	1165,5	37,506	234,47	418,24	1,1194	1,7435
25,000	10,130	8,7098	1161,4	38,655	235,96	418,66	1,1243	1,7427
26,000	10,411	8,9683	1157,3	39,835	237,45	419,07	1,1293	1,7419
27,000	10,698	9,2325	1153,1	41,046	238,95	419,48	1,1342	1,7411
28,000	10,991	9,5027	1148,9	42,289	240,45	419,89	1,1391	1,7403
29,000	11,289	9,7787	1144,7	43,564	241,96	420,28	1,1440	1,7395
30,000	11,594	10,061	1140,5	44,873	243,48	420,67	1,1489	1,7386
31,000	11,905	10,349	1136,2	46,217	244,99	421,06	1,1538	1,7378
32,000	12,222	10,643	1131,8	47,597	246,52	421,43	1,1588	1,7370
33,000	12,545	10,944	1127,5	49,013	248,05	421,80	1,1637	1,7362
34,000	12,875	11,251	1123,0	50,467	249,59	422,17	1,1686	1,7353
35,000	13,211	11,565	1118,6	51,960	251,13	422,52	1,1735	1,7345
36,000	13,553	11,885	1114,1	53,492	252,68	422,87	1,1784	1,7337
37,000	13,902	12,212	1109,6	55,066	254,23	423,21	1,1833	1,7328
38,000	14,257	12,546	1105,0	56,683	255,79	423,54	1,1883	1,7320
39,000	14,619	12,886	1100,3	58,343	257,36	423,87	1,1932	1,7311
40,000	14,988	13,234	1095,7	60,048	258,94	424,18	1,1981	1,7302
41,000	15,364	13,588	1090,9	61,800	260,52	424,49	1,2031	1,7294
42,000	15,747	13,950	1086,2	63,600	262,11	424,79	1,2080	1,7285
43,000	16,136	14,319	1081,3	65,449	263,70	425,07	1,2129	1,7276
44,000	16,533	14,695	1076,4	67,350	265,31	425,35	1,2179	1,7267
45,000	16,937	15,079	1071,5	69,305	266,92	425,62	1,2228	1,7257
46,000	17,348	15,471	1066,5	71,314	268,54	425,88	1,2278	1,7248
47,000	17,767	15,870	1061,4	73,381	270,17	426,13	1,2328	1,7239
48,000	18,193	16,277	1056,3	75,506	271,80	426,37	1,2377	1,7229
49,000	18,626	16,692	1051,1	77,693	273,45	426,59	1,2427	1,7219
50,000	19,067	17,115	1045,9	79,944	275,10	426,81	1,2477	1,7209
51,000	19,516	17,546	1040,6	82,261	276,76	427,01	1,2527	1,7199
52,000	19,973	17,986	1035,2	84,647	278,44	427,20	1,2577	1,7188
53,000	20,437	18,434	1029,7	87,105	280,12	427,37	1,2628	1,7178
54,000	20,909	18,890	1024,1	89,637	281,81	427,53	1,2678	1,7167
55,000	21,390	19,356	1018,5	92,248	283,52	427,68	1,2729	1,7156
56,000	21,878	19,830	1012,8	94,940	285,23	427,81	1,2779	1,7144
57,000	22,375	20,313	1007,0	97,717	286,96	427,93	1,2830	1,7133
58,000	22,880	20,805	1001,1	100,58	288,69	428,03	1,2881	1,7121
59,000	23,394	21,306	995,07	103,54	290,45	428,11	1,2933	1,7108
60,000	23,916	21,817	988,97	106,60	292,21	428,18	1,2984	1,7096
61,000	24,446	22,337	982,75	109,76	293,99	428,23	1,3036	1,7083
62,000	24,985	22,867	976,42	113,03	295,78	428,25	1,3088	1,7069

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63,000	25,533	23,407	969,97	116,41	297,59	428,26	1,3140	1,7056
64,000	26,090	23,957	963,38	119,92	299,41	428,25	1,3192	1,7041
65,000	26,656	24,517	956,66	123,55	301,25	428,21	1,3245	1,7027
66,000	27,231	25,087	949,80	127,32	303,10	428,14	1,3298	1,7011
67,000	27,816	25,668	942,78	131,23	304,98	428,05	1,3351	1,6995
68,000	28,409	26,260	935,59	135,30	306,88	427,94	1,3405	1,6979
69,000	29,012	26,863	928,23	139,53	308,79	427,79	1,3459	1,6962
70,000	29,625	27,478	920,67	143,94	310,73	427,62	1,3514	1,6944
71,000	30,247	28,103	912,91	148,53	312,69	427,41	1,3569	1,6925
72,000	30,879	28,741	904,92	153,33	314,68	427,16	1,3625	1,6906
73,000	31,520	29,390	896,70	158,35	316,70	426,87	1,3681	1,6886
74,000	32,172	30,052	888,20	163,61	318,75	426,54	1,3738	1,6864
75,000	32,834	30,727	879,42	169,13	320,83	426,17	1,3796	1,6842
76,000	33,505	31,414	870,31	174,94	322,94	425,75	1,3854	1,6818
77,000	34,187	32,115	860,85	181,07	325,10	425,27	1,3914	1,6793
78,000	34,880	32,830	850,99	187,54	327,30	424,73	1,3974	1,6767
79,000	35,582	33,559	840,68	194,41	329,55	424,12	1,4036	1,6739
80,000	36,295	34,302	829,86	201,73	331,86	423,43	1,4099	1,6709
81,000	37,019	35,061	818,46	209,55	334,23	422,66	1,4163	1,6676
82,000	37,753	35,837	806,38	217,95	336,68	421,79	1,4230	1,6642
83,000	38,497	36,629	793,50	227,03	339,21	420,80	1,4298	1,6604
84,000	39,251	37,439	779,65	236,93	341,85	419,67	1,4370	1,6562
85,000	40,016	38,268	764,62	247,81	344,61	418,38	1,4444	1,6517

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