

# R 407F



Temperatur [°C]	Druck [bar]		Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [J/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
-30,000	2,0929	1,6009	1321,8	6,8800	158,05	399,07	0,83870	1,8443
-29,000	2,1817	1,6744	1318,5	7,1792	159,41	399,61	0,84426	1,8423
-28,000	2,2735	1,7506	1315,3	7,4886	160,78	400,16	0,84980	1,8403
-27,000	2,3682	1,8294	1312,0	7,8083	162,14	400,70	0,85533	1,8383
-26,000	2,4660	1,9109	1308,7	8,1388	163,51	401,24	0,86084	1,8363
-25,000	2,5668	1,9953	1305,4	8,4802	164,88	401,77	0,86634	1,8344
-24,000	2,6708	2,0825	1302,1	8,8329	166,25	402,31	0,87182	1,8325
-23,000	2,7780	2,1727	1298,8	9,1970	167,62	402,84	0,87729	1,8306
-22,000	2,8885	2,2659	1295,5	9,5730	169,00	403,37	0,88275	1,8287
-21,000	3,0024	2,3622	1292,1	9,9609	170,38	403,89	0,88820	1,8269
-20,000	3,1197	2,4616	1288,8	10,361	171,76	404,41	0,89363	1,8251
-19,000	3,2404	2,5642	1285,4	10,774	173,15	404,93	0,89905	1,8233
-18,000	3,3648	2,6701	1282,0	11,200	174,53	405,45	0,90446	1,8216
-17,000	3,4927	2,7794	1278,6	11,639	175,92	405,96	0,90985	1,8198
-16,000	3,6243	2,8921	1275,2	12,092	177,31	406,47	0,91524	1,8181
-15,000	3,7597	3,0083	1271,8	12,559	178,71	406,98	0,92061	1,8164
-14,000	3,8990	3,1281	1268,3	13,039	180,11	407,48	0,92597	1,8147
-13,000	4,0421	3,2515	1264,9	13,535	181,51	407,98	0,93132	1,8131
-12,000	4,1892	3,3786	1261,4	14,045	182,91	408,48	0,93666	1,8115
-11,000	4,3403	3,5096	1257,9	14,571	184,32	408,97	0,94199	1,8098
-10,000	4,4956	3,6444	1254,4	15,112	185,73	409,46	0,94731	1,8082
-9,0000	4,6551	3,7831	1250,8	15,669	187,14	409,95	0,95262	1,8067
-8,0000	4,8188	3,9259	1247,3	16,242	188,55	410,43	0,95792	1,8051
-7,0000	4,9868	4,0727	1243,7	16,832	189,97	410,91	0,96321	1,8036
-6,0000	5,1592	4,2238	1240,1	17,440	191,40	411,38	0,96849	1,8020
-5,0000	5,3362	4,3791	1236,5	18,065	192,82	411,85	0,97376	1,8005
-4,0000	5,5176	4,5387	1232,9	18,707	194,25	412,32	0,97903	1,7990
-3,0000	5,7038	4,7028	1229,3	19,368	195,68	412,78	0,98428	1,7976
-2,0000	5,8946	4,8713	1225,6	20,048	197,12	413,24	0,98953	1,7961
-1,0000	6,0901	5,0444	1221,9	20,747	198,56	413,69	0,99477	1,7946
0,00000	6,2906	5,2222	1218,2	21,466	200,00	414,14	1,0000	1,7932
1,0000	6,4960	5,4047	1214,5	22,205	201,45	414,59	1,0052	1,7918
2,0000	6,7063	5,5920	1210,7	22,965	202,90	415,03	1,0104	1,7903
3,0000	6,9218	5,7843	1207,0	23,746	204,35	415,46	1,0157	1,7889
4,0000	7,1424	5,9815	1203,2	24,548	205,81	415,90	1,0209	1,7875
5,0000	7,3683	6,1838	1199,4	25,373	207,27	416,32	1,0261	1,7862
6,0000	7,5995	6,3913	1195,5	26,221	208,74	416,74	1,0313	1,7848
7,0000	7,8361	6,6041	1191,7	27,092	210,21	417,16	1,0364	1,7834
8,0000	8,0782	6,8221	1187,8	27,986	211,68	417,57	1,0416	1,7821
9,0000	8,3258	7,0456	1183,8	28,905	213,16	417,97	1,0468	1,7807
10,000	8,5790	7,2746	1179,9	29,850	214,65	418,37	1,0520	1,7794
11,000	8,8380	7,5093	1175,9	30,820	216,14	418,77	1,0571	1,7780
12,000	9,1028	7,7496	1171,9	31,816	217,63	419,16	1,0623	1,7767
13,000	9,3734	7,9957	1167,9	32,840	219,13	419,54	1,0675	1,7754
14,000	9,6501	8,2477	1163,8	33,891	220,63	419,92	1,0726	1,7741

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15,000	9,9327	8,5057	1159,7	34,971	222,14	420,29	1,0778	1,7727
16,000	10,222	8,7698	1155,6	36,080	223,65	420,65	1,0829	1,7714
17,000	10,517	9,0400	1151,4	37,219	225,17	421,01	1,0881	1,7701
18,000	10,818	9,3165	1147,3	38,389	226,69	421,36	1,0932	1,7688
19,000	11,125	9,5993	1143,0	39,591	228,22	421,70	1,0984	1,7675
20,000	11,440	9,8886	1138,8	40,825	229,75	422,04	1,1035	1,7662
21,000	11,760	10,184	1134,5	42,093	231,29	422,37	1,1087	1,7649
22,000	12,088	10,487	1130,2	43,395	232,83	422,69	1,1138	1,7636
23,000	12,422	10,796	1125,8	44,732	234,39	423,01	1,1190	1,7623
24,000	12,763	11,112	1121,4	46,106	235,94	423,31	1,1241	1,7609
25,000	13,110	11,435	1116,9	47,518	237,50	423,61	1,1293	1,7596
26,000	13,465	11,766	1112,4	48,968	239,07	423,90	1,1344	1,7583
27,000	13,827	12,103	1107,9	50,458	240,65	424,18	1,1396	1,7570
28,000	14,196	12,448	1103,3	51,989	242,23	424,46	1,1447	1,7557
29,000	14,572	12,800	1098,7	53,562	243,82	424,72	1,1499	1,7543
30,000	14,955	13,159	1094,0	55,178	245,42	424,98	1,1550	1,7530
31,000	15,346	13,526	1089,3	56,840	247,02	425,22	1,1602	1,7516
32,000	15,745	13,901	1084,6	58,548	248,63	425,46	1,1654	1,7503
33,000	16,151	14,284	1079,7	60,304	250,25	425,68	1,1705	1,7489
34,000	16,565	14,675	1074,9	62,110	251,88	425,90	1,1757	1,7475
35,000	16,986	15,073	1070,0	63,967	253,51	426,10	1,1809	1,7461
36,000	17,416	15,480	1065,0	65,877	255,15	426,29	1,1861	1,7447
37,000	17,853	15,896	1059,9	67,842	256,80	426,48	1,1913	1,7433
38,000	18,299	16,319	1054,8	69,864	258,46	426,64	1,1965	1,7419
39,000	18,752	16,752	1049,7	71,945	260,13	426,80	1,2017	1,7404
40,000	19,214	17,193	1044,5	74,087	261,81	426,95	1,2069	1,7389
41,000	19,684	17,643	1039,2	76,293	263,49	427,08	1,2122	1,7374
42,000	20,163	18,102	1033,8	78,564	265,19	427,19	1,2174	1,7359
43,000	20,650	18,569	1028,4	80,905	266,90	427,30	1,2227	1,7344
44,000	21,146	19,047	1022,9	83,317	268,62	427,39	1,2279	1,7328
45,000	21,651	19,533	1017,3	85,804	270,34	427,46	1,2332	1,7313
46,000	22,165	20,029	1011,6	88,369	272,08	427,52	1,2385	1,7297
47,000	22,687	20,535	1005,8	91,015	273,83	427,56	1,2438	1,7280
48,000	23,219	21,051	999,98	93,746	275,60	427,58	1,2492	1,7264
49,000	23,760	21,576	994,04	96,566	277,37	427,59	1,2545	1,7247
50,000	24,310	22,112	988,00	99,479	279,16	427,57	1,2599	1,7229
51,000	24,869	22,658	981,85	102,49	280,97	427,54	1,2653	1,7211
52,000	25,438	23,215	975,59	105,60	282,79	427,49	1,2707	1,7193
53,000	26,017	23,782	969,22	108,83	284,62	427,41	1,2762	1,7175
54,000	26,605	24,361	962,73	112,16	286,47	427,31	1,2816	1,7156
55,000	27,203	24,950	956,10	115,62	288,33	427,19	1,2871	1,7136
56,000	27,812	25,550	949,34	119,21	290,22	427,04	1,2927	1,7116
57,000	28,430	26,162	942,43	122,93	292,12	426,87	1,2982	1,7096
58,000	29,058	26,786	935,37	126,79	294,04	426,67	1,3039	1,7074
59,000	29,697	27,422	928,14	130,81	295,99	426,44	1,3095	1,7052
60,000	30,346	28,070	920,72	135,00	297,95	426,17	1,3152	1,7030
61,000	31,005	28,730	913,11	139,36	299,95	425,87	1,3210	1,7006
62,000	31,675	29,403	905,29	143,90	301,96	425,54	1,3268	1,6982

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63,000	32,356	30,089	897,25	148,66	304,01	425,16	1,3326	1,6957
64,000	33,048	30,788	888,95	153,63	306,08	424,74	1,3386	1,6931
65,000	33,751	31,501	880,37	158,84	308,19	424,28	1,3446	1,6904
66,000	34,465	32,227	871,50	164,32	310,34	423,76	1,3507	1,6875
67,000	35,190	32,968	862,29	170,08	312,53	423,20	1,3569	1,6845
68,000	35,926	33,724	852,71	176,16	314,76	422,57	1,3632	1,6814
69,000	36,674	34,495	842,71	182,60	317,04	421,87	1,3696	1,6781
70,000	37,433	35,282	832,23	189,42	319,37	421,10	1,3761	1,6746
71,000	38,204	36,085	821,22	196,70	321,77	420,24	1,3829	1,6709
72,000	38,986	36,905	809,58	204,48	324,24	419,29	1,3897	1,6670
73,000	39,780	37,743	797,21	212,85	326,80	418,24	1,3969	1,6628
74,000	40,585	38,599	783,98	221,91	329,46	417,05	1,4042	1,6582
75,000	41,401	39,476	769,70	231,79	332,23	415,71	1,4119	1,6532
76,000	42,228	40,373	754,14	242,66	335,16	414,19	1,4200	1,6478
77,000	43,064	41,293	736,94	254,79	338,28	412,45	1,4286	1,6418
78,000	43,910	42,239	717,54	268,53	341,65	410,41	1,4379	1,6349
79,000	44,762	43,214	695,03	284,50	345,38	407,98	1,4481	1,6270
80,000	45,616	44,224	667,61	303,79	349,69	404,95	1,4600	1,6174

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