

PROPERTI THERMODYNAMIKA R-134a

Temperature (°C)	Pressure (MPa)	Liquid Density (kg/m ³)	Vapor Density (kg/m ³)	Liquid Enthalpy (kJ/kg)	Vapor Enthalpy (kJ/kg)	Liquid Entropy (kJ/kg-K)	Vapor Entropy (kJ/kg-K)
-60	0.015906	1474.3	0.92676	123.36	361.31	0.68462	1.801
-55	0.021828	1460.4	1.2463	129.5	364.48	0.71305	1.7902
-50	0.029451	1446.3	1.6496	135.67	367.65	0.74101	1.7806
-45	0.039117	1432.1	2.1518	141.89	370.83	0.76852	1.772
-40	0.051209	1417.7	2.7695	148.14	374	0.79561	1.7643
-35	0.066144	1403.1	3.5209	154.44	377.17	0.8223	1.7575
-30	0.084378	1388.4	4.4259	160.79	380.32	0.84863	1.7515
-25	0.1064	1373.4	5.5059	167.19	383.45	0.8746	1.7461
-20	0.13273	1358.3	6.7845	173.64	386.55	0.90025	1.7413
-15	0.16394	1342.8	8.287	180.14	389.63	0.92559	1.7371
-10	0.2006	1327.1	10.041	186.7	392.66	0.95065	1.7334
-5	0.24334	1311.1	12.077	193.32	395.66	0.97544	1.73
0	0.2928	1294.8	14.428	200	398.6	1	1.7271
5	0.34966	1278.1	17.131	206.75	401.49	1.0243	1.7245
10	0.41461	1261	20.226	213.58	404.32	1.0485	1.7221
15	0.48837	1243.4	23.758	220.48	407.07	1.0724	1.72
20	0.57171	1225.3	27.78	227.47	409.75	1.0962	1.718
25	0.66538	1206.7	32.35	234.55	412.33	1.1199	1.7162
30	0.7702	1187.5	37.535	241.72	414.82	1.1435	1.7145
35	0.88698	1167.5	43.416	249.01	417.19	1.167	1.7128
40	1.0166	1146.7	50.085	256.41	419.43	1.1905	1.7111
45	1.1599	1125.1	57.657	263.94	421.52	1.2139	1.7092
50	1.3179	1102.3	66.272	271.62	423.44	1.2375	1.7072
55	1.4915	1078.3	76.104	279.47	425.15	1.2611	1.705
60	1.6818	1052.9	87.379	287.5	426.63	1.2848	1.7024
65	1.8898	1025.6	100.4	295.76	427.82	1.3088	1.6993
70	2.1168	996.25	115.57	304.28	428.65	1.3332	1.6956
75	2.3641	964.09	133.49	313.13	429.03	1.358	1.6909
80	2.6332	928.24	155.08	322.39	428.81	1.3836	1.685
85	2.9258	887.16	181.85	332.22	427.76	1.4104	1.6771
90	3.2442	837.83	216.76	342.93	425.42	1.439	1.6662
95	3.5912	772.7	267.14	355.25	420.67	1.4715	1.6492
100	3.9724	651.18	373.01	373.3	407.68	1.5188	1.6109