

R134a Refrigerant Pressure Temperature Chart Under the Condition of Saturation

t	p	Rho'	Rho''	r	t	p	Rho'	Rho''	r
C	bar	kg/l	kg/m ³	kJ/kg	C	bar	kg/l	kg/m ³	kJ/kg
-40	0.51	1.418	2.77	225.81	12	4.43	1.254	21.59	188.88
-38	0.57	1.413	3.05	224.58	14	4.73	1.247	23.02	187.20
-36	0.63	1.407	3.36	223.33	16	5.04	1.240	24.53	185.50
-34	0.70	1.401	3.69	222.08	18	5.37	1.232	26.11	183.77
-32	0.77	1.395	4.05	220.81	20	5.72	1.225	27.78	182.02
-30	0.84	1.389	4.43	219.54	22	6.08	1.218	29.54	180.24
-28	0.93	1.383	4.84	218.25	24	6.46	1.210	31.39	178.44
-26	1.02	1.377	5.28	216.94	26	6.85	1.202	33.33	176.61
-24	1.11	1.371	5.75	215.63	28	7.27	1.195	35.38	174.75
-22	1.22	1.365	6.25	214.30	30	7.70	1.187	37.53	172.86
-20	1.33	1.359	6.79	212.95	32	8.15	1.179	39.79	170.94
-18	1.45	1.353	7.36	211.58	34	8.63	1.171	42.17	168.99
-16	1.57	1.346	7.97	210.20	36	9.12	1.163	44.66	167.00
-14	1.71	1.340	8.62	208.81	38	9.63	1.155	47.29	164.97
-12	1.85	1.334	9.31	207.39	40	10.17	1.146	50.06	162.90
-10	2.01	1.327	10.05	205.95	42	10.72	1.138	52.97	160.79
-8	2.17	1.321	10.83	204.50	44	11.30	1.129	56.03	158.63
-6	2.34	1.315	11.65	203.03	46	11.90	1.120	59.25	156.43
-4	2.53	1.308	12.53	201.54	48	12.53	1.111	62.64	154.17
-2	2.72	1.301	13.45	200.03	50	13.18	1.102	66.21	151.86
0	2.93	1.295	14.43	198.49	52	13.85	1.093	69.98	149.49
2	3.15	1.288	15.47	196.95	54	14.55	1.083	73.96	147.05
4	3.38	1.281	16.57	195.38	56	15.28	1.073	78.15	144.54
6	3.62	1.275	17.72	193.78	58	16.04	1.063	82.59	141.96
8	3.88	1.268	18.94	192.17	60	16.82	1.053	87.28	139.30
10	4.15	1.261	20.23	190.54					