

## R134a Saturation Properties

Temperature	Pressure	Liquid Density	Vapor Volume	Liquid Enthalpy	Vapor Enthalpy	Liquid Entropy	Vapor Entropy
[°F]	[psig]	[lb/ft <sup>3</sup> ]	[ft <sup>3</sup> /lb]	[Btu/lb]	[Btu/lb]	[Btu/lb-R]	[Btu/lb-R]
(14.95)	-	85.96	3.0460	7.58	100.90	0.01752	0.22728
(5.23)	4.00	84.94	2.4270	10.57	102.30	0.02414	0.22603
2.96	8.00	84.07	2.0210	13.11	103.50	0.02966	0.22510
10.09	12.00	83.30	1.7320	15.34	104.60	0.03442	0.22436
16.43	16.00	82.60	1.5170	17.33	105.50	0.03862	0.22377
22.16	20.00	81.96	1.3490	19.14	106.30	0.04238	0.22327
27.40	24.00	81.37	1.2150	20.81	107.10	0.04581	0.22285
32.24	28.00	80.82	1.1060	22.36	107.70	0.04895	0.22248
36.74	32.00	80.30	1.0140	23.81	108.40	0.05187	0.22216
40.95	36.00	79.81	0.9364	25.17	108.90	0.05458	0.22188
44.92	40.00	79.34	0.8697	26.46	109.50	0.05713	0.22162
48.67	44.00	78.89	0.8118	27.69	110.00	0.05953	0.22139
52.23	48.00	78.47	0.7611	28.86	110.40	0.06180	0.22118
55.62	52.00	78.05	0.7162	29.97	110.90	0.06396	0.22099
58.86	56.00	77.65	0.6762	31.05	111.30	0.06602	0.22081
61.96	60.00	77.27	0.6404	32.08	111.70	0.06799	0.22065
64.94	64.00	76.89	0.6081	33.07	112.10	0.06987	0.22049
67.81	68.00	76.53	0.5787	34.04	112.50	0.07168	0.22035
70.57	72.00	76.18	0.5520	34.97	112.80	0.07342	0.22021
73.24	76.00	75.83	0.5276	35.87	113.10	0.07510	0.22008
75.82	80.00	75.50	0.5052	36.75	113.50	0.07672	0.21996
78.33	84.00	75.17	0.4845	37.60	113.80	0.07829	0.21984
80.75	88.00	74.84	0.4654	38.43	114.00	0.07981	0.21973
83.11	92.00	74.53	0.4476	39.24	114.30	0.08129	0.21962
85.40	96.00	74.22	0.4311	40.03	114.60	0.08272	0.21952
87.63	100.00	73.91	0.4157	40.80	114.90	0.08411	0.21941
89.80	104.00	73.62	0.4013	41.55	115.10	0.08547	0.21932
91.91	108.00	73.32	0.3878	42.29	115.30	0.08679	0.21922
93.98	112.00	73.03	0.3751	43.01	115.60	0.08808	0.21913
95.99	116.00	72.75	0.3632	43.72	115.80	0.08934	0.21903
97.96	120.00	72.47	0.3519	44.41	116.00	0.09056	0.21894
99.89	124.00	72.19	0.3413	45.09	116.20	0.09177	0.21886
101.78	128.00	71.92	0.3313	45.76	116.40	0.09294	0.21877
103.62	132.00	71.64	0.3218	46.42	116.60	0.09409	0.21868
105.43	136.00	71.38	0.3127	47.06	116.80	0.09522	0.21860
107.21	140.00	71.11	0.3041	47.70	117.00	0.09632	0.21851
108.95	144.00	70.85	0.2960	48.33	117.10	0.09741	0.21843
110.65	148.00	70.59	0.2882	48.94	117.30	0.09847	0.21834
112.33	152.00	70.34	0.2807	49.55	117.50	0.09952	0.21826
113.97	156.00	70.08	0.2737	50.15	117.60	0.10054	0.21818
115.59	160.00	69.83	0.2669	50.74	117.80	0.10155	0.21809
117.18	164.00	69.58	0.2604	51.32	117.90	0.10254	0.21801
118.74	168.00	69.33	0.2542	51.89	118.10	0.10352	0.21793
120.28	172.00	69.09	0.2482	52.46	118.20	0.10448	0.21785
121.79	176.00	68.85	0.2425	53.02	118.30	0.10542	0.21776
123.28	180.00	68.60	0.2370	53.57	118.50	0.10635	0.21768
124.75	184.00	68.36	0.2317	54.12	118.60	0.10727	0.21760
126.19	188.00	68.12	0.2266	54.66	118.70	0.10818	0.21751
127.62	192.00	67.89	0.2217	55.19	118.80	0.10907	0.21743
129.02	196.00	67.65	0.2170	55.72	118.90	0.10994	0.21734
130.40	200.00	67.42	0.2124	56.24	119.10	0.11081	0.21726