

## R123 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]
31.64	(10.00)	95.27	7.1940	86.23	164.40	0.23935	0.39846
37.18	(9.30)	94.84	6.3190	87.53	165.20	0.24196	0.39832
42.16	(8.60)	94.38	5.6380	88.76	166.00	0.24441	0.39823
46.71	(7.90)	94.03	5.0940	89.83	166.60	0.24652	0.39817
50.90	(7.20)	93.67	4.6480	90.84	167.30	0.24851	0.39813
54.78	(6.50)	93.33	4.2760	91.79	167.80	0.25034	0.39811
58.41	(5.80)	92.99	3.9600	92.69	168.40	0.25209	0.39810
61.82	(5.10)	92.70	3.6890	93.53	168.90	0.25369	0.39811
65.03	(4.40)	92.42	3.4540	94.31	169.30	0.25518	0.39812
68.08	(3.70)	92.18	3.2470	95.04	169.80	0.25656	0.39814
70.98	(3.00)	91.90	3.0650	95.77	170.20	0.25794	0.39817
73.74	(2.30)	91.65	2.9020	96.45	170.60	0.25921	0.39820
76.38	(1.60)	91.44	2.7560	97.09	171.00	0.26039	0.39824
78.92	(0.90)	91.19	2.6250	97.73	171.40	0.26158	0.39828
81.35	(0.20)	90.98	2.5050	98.34	171.70	0.26270	0.39832
82.03	-	90.92	2.4730	98.51	171.80	0.26301	0.39834
83.70	0.50	90.77	2.3970	98.92	172.10	0.26376	0.39837
85.96	1.20	90.59	2.2970	99.46	172.40	0.26476	0.39842
88.14	1.90	90.39	2.2060	100.00	172.70	0.26575	0.39846
90.26	2.60	90.20	2.1220	100.50	173.00	0.26671	0.39852
92.30	3.30	90.01	2.0440	101.10	173.30	0.26763	0.39857
94.29	4.00	89.83	1.9720	101.50	173.60	0.26852	0.39862
96.22	4.70	89.64	1.9050	102.00	173.90	0.26942	0.39867
98.10	5.40	89.49	1.8420	102.50	174.20	0.27023	0.39873
99.92	6.10	89.30	1.7830	103.00	174.40	0.27108	0.39878
101.70	6.80	89.14	1.7280	103.40	174.70	0.27187	0.39884
103.44	7.50	88.98	1.6770	103.90	175.00	0.27265	0.39889
105.13	8.20	88.82	1.6280	104.30	175.20	0.27340	0.39895
106.78	8.90	88.69	1.5830	104.70	175.40	0.27411	0.39901
108.40	9.60	88.52	1.5390	105.10	175.70	0.27485	0.39906
109.98	10.30	88.39	1.4980	105.50	175.90	0.27553	0.39912
111.52	11.00	88.23	1.4600	105.90	176.10	0.27623	0.39918
113.04	11.70	88.11	1.4230	106.30	176.40	0.27688	0.39923
114.52	12.40	87.97	1.3880	106.70	176.60	0.27753	0.39929
115.97	13.10	87.83	1.3550	107.00	176.80	0.27817	0.39934
117.40	13.80	87.70	1.3230	107.40	177.00	0.27880	0.39940
118.80	14.50	87.55	1.2930	107.80	177.20	0.27944	0.39946
120.17	15.20	87.42	1.2640	108.10	177.40	0.28004	0.39951
121.52	15.90	87.29	1.2370	108.50	177.60	0.28063	0.39957
122.84	16.60	87.18	1.2100	108.80	177.80	0.28119	0.39962
124.15	17.30	87.06	1.1850	109.10	178.00	0.28176	0.39968
125.43	18.00	86.92	1.1610	109.50	178.20	0.28234	0.39974
126.69	18.70	86.80	1.1380	109.80	178.30	0.28289	0.39979
127.93	19.40	86.68	1.1150	110.10	178.50	0.28343	0.39985
129.15	20.10	86.58	1.0940	110.40	178.70	0.28393	0.39990
130.35	20.80	86.45	1.0730	110.70	178.90	0.28448	0.39995
131.53	21.50	86.33	1.0530	111.00	179.00	0.28499	0.40001
132.70	22.20	86.22	1.0340	111.40	179.20	0.28550	0.40006
133.85	22.90	86.12	1.0160	111.60	179.40	0.28597	0.40012
134.98	23.60	86.01	0.9979	111.90	179.50	0.28646	0.40017
136.10	24.30	85.91	0.9807	112.20	179.70	0.28695	0.40022
137.21	25.00	85.78	0.9641	112.50	179.90	0.28744	0.40027