



## R438A Pressure-Temperature Chart

Saturation Pressure-Temperature Data for R438A (psig)\*

Temp (°F)	Pressure		Temp (°C)
	Liquid (psig)	Vapor (psig)	
-94	-11.5	-12.66	-70.0
-90.4	-11.06	-12.36	-68.0
-86.8	-10.59	-12.02	-66.0
-83.2	-10.06	-11.64	-64.0
-79.6	-9.48	-11.21	-62.0
-76	-8.84	-10.74	-60.0
-72.4	-8.14	-10.22	-58.0
-68.8	-7.37	-9.65	-56.0
-65.2	-6.54	-9.01	-54.0
-61.6	-5.62	-8.32	-52.0
-58	-4.63	-7.55	-50.0
-54.4	-3.55	-6.72	-48.0
-50.8	-2.39	-5.8	-46.0
-47.2	-1.13	-4.81	-44.0
-43.6	0.23	-3.72	-42.0
-40	1.7	-2.55	-40.0
-36.4	3.28	-1.27	-38.0
-32.8	4.97	0.1	-36.0
-29.2	6.79	1.59	-34.0
-25.6	8.74	3.19	-32.0
-22	10.82	4.92	-30.0
-18.4	13.04	6.77	-28.0
-14.8	15.41	8.75	-26.0
-11.2	17.94	10.88	-24.0
-7.6	20.62	13.15	-22.0
-4	23.47	15.58	-20.0
-0.4	26.49	18.16	-18.0
3.2	29.7	20.92	-16.0
6.8	33.09	23.85	-14.0
10.4	36.68	26.97	-12.0
14	40.46	30.27	-10.0
17.6	44.46	33.77	-8.0
21.2	48.67	37.48	-6.0
24.8	53.11	41.4	-4.0
28.4	57.77	45.54	-2.0
32	62.67	49.91	0.0
35.6	67.83	54.52	2.0

Temp (°F)	Pressure		Temp (°C)
	Liquid (psig)	Vapor (psig)	
39.2	73.23	59.38	4
42.8	78.89	64.48	6
46.4	84.83	69.86	8
50	91.04	75.5	10
53.6	97.53	81.43	12
57.2	104.32	87.64	14
60.8	111.42	94.16	16
64.4	118.82	100.98	18
68	126.54	108.12	20
71.6	134.59	115.59	22
75.2	142.97	123.4	24
78.8	151.7	131.54	26
82.4	160.78	140.07	28
86	170.22	148.94	30
89.6	180.03	158.21	32
93.2	190.23	167.87	34
96.8	200.8	177.93	36
100.4	211.79	188.4	38
104	223.17	199.3	40
107.6	234.97	210.64	42
111.2	247.21	222.43	44
114.8	259.88	234.7	46
118.4	273.01	247.43	48
122	286.59	260.67	50
125.6	300.64	274.41	52
129.2	315.17	288.7	54
132.8	330.19	303.51	56
136.4	345.72	318.9	58
140	361.76	334.88	60
143.6	378.33	351.45	62
147.2	395.44	368.68	64
150.8	413.11	386.56	66
154.4	431.33	405.13	68
158	450.14	424.44	70