

Temperature-Pressure Chart

Pressures are shown as psig, except that(*) indicates inches of mercury vacuum.

TEMP Deg F	R-123	R-11	R-134a	R-12	R-500	R-22	R-502
-150				* 29.6	* 29.5	* 29.4	* 29.1
-140			* 29.6	* 29.4	* 29.2	* 29.1	* 28.5
-130			* 29.4	* 29.1	* 28.8	* 28.5	* 27.8
-120			* 29.1	* 28.6	* 28.3	* 27.7	* 26.7
-110			* 28.7	* 27.9	* 27.5	* 26.6	* 25.3
-100		* 29.7	* 28.0	* 27.0	* 26.9	* 25.1	* 23.3
-90		* 29.6	* 27.1	* 25.8	* 24.9	* 23.0	* 20.6
-80	* 29.7	* 29.5	* 25.7	* 24.1	* 22.9	* 20.2	* 17.2
-70	* 29.6	* 29.4	* 24.0	* 21.9	* 20.3	* 16.6	* 12.7
-60	* 29.4	* 29.1	* 21.6	* 19.0	* 17.0	* 11.9	* 7.2
-50	* 29.2	* 28.8	* 18.6	* 15.4	* 12.8	* 6.1	* 0.2
-40	* 28.8	* 28.3	* 14.7	* 11.0	* 7.6	0.6	4.1
-35	* 28.6	* 28.0	* 12.3	* 8.4	* 4.6	2.6	6.5
-30	* 28.3	* 27.7	* 9.7	* 5.5	* 1.2	4.9	9.2
-25	* 28.1	* 27.4	* 6.8	* 2.3	1.2	7.5	12.1
-20	* 27.7	* 26.9	* 3.6	0.6	3.2	10.2	15.3
-15	* 27.3	* 26.5	0.0	2.5	5.4	13.2	18.8
-10	* 26.9	* 25.9	2.0	4.5	7.8	16.5	22.6
-5	* 26.4	* 25.3	4.1	6.7	10.4	20.1	26.7
0	* 25.8	* 24.6	6.5	9.2	13.3	24.0	31.1
5	* 25.2	* 23.9	9.1	11.8	16.4	28.3	35.9
10	* 24.5	* 23.0	12.0	14.7	19.7	32.8	41.0
15	* 23.7	* 22.1	15.1	17.7	23.3	37.8	46.5
20	* 22.8	* 21.0	18.4	21.1	27.2	43.1	52.5
25	* 21.8	* 19.8	22.1	24.6	31.4	48.8	58.8
30	* 20.7	* 18.5	26.1	28.5	36.0	54.9	65.6
35	* 19.5	* 17.1	30.4	32.6	40.8	61.5	72.8
40	* 18.1	* 15.5	35.0	37.0	46.0	68.5	80.5
45	* 16.6	* 13.8	40.0	41.7	51.6	76.1	88.7
50	* 15.0	* 12.0	45.4	46.7	57.5	84.1	97.4
55	* 13.1	* 9.9	51.2	52.1	63.8	92.6	106.6
60	* 11.2	* 7.7	57.4	57.8	70.6	101.6	116.4
65	* 9.0	* 5.3	64.0	63.8	77.7	111.3	126.7
70	* 6.6	* 2.7	71.1	70.2	85.3	121.4	137.6
75	* 4.1	0.1	78.6	77.0	93.4	132.2	149.1
80	* 1.3	1.6	86.7	84.2	101.9	143.7	161.2
85	0.9	3.2	95.2	91.7	110.9	155.7	174.0
90	2.5	4.9	104.3	99.7	120.5	168.4	187.4
95	4.2	6.8	113.9	108.2	130.5	181.8	201.4
100	6.1	8.8	124.1	117.0	141.1	196.0	216.2
105	8.1	10.9	134.9	126.4	152.2	210.8	231.7
110	10.2	13.2	146.3	136.2	163.9	226.4	247.9
115	12.6	15.7	158.4	146.5	176.3	242.8	264.9
120	15.0	18.3	171.1	157.3	189.2	260.0	282.7
125	17.7	21.1	184.5	168.6	202.7	278.1	301.3
130	20.5	24.0	198.7	180.5	216.9	297.0	320.6
135	23.5	27.1	213.5	192.9	231.8	316.7	341.2
140	26.7	30.5	229.2	205.9	247.4	337.4	362.6
145	30.2	34.0	245.6	219.5	263.7	359.1	384.9
150	33.8	37.7	262.8	233.7	280.7	381.7	408.4