

Saturation Temperature / Pressure Chart

VACUUM - Inches of Mercury - *Italic Figures*

PRESSURE - Pounds per square inch gauge - **Bold Figures**

TEMP °F	REFRIGERANT			
	12	22	134a	502
-60	<i>19.0</i>	<i>12.0</i>		7.2
-55	<i>17.3</i>	<i>9.2</i>		3.8
-50	<i>15.4</i>	<i>6.2</i>		0.2
-45	<i>13.3</i>	<i>2.7</i>		1.9
-40	<i>11.0</i>	0.5	<i>14.7</i>	4.1
-35	8.4	2.6	<i>12.4</i>	6.5
-30	5.5	4.9	<i>9.7</i>	9.2
-25	2.3	7.4	<i>6.8</i>	12.1
-20	0.6	10.1	<i>3.6</i>	15.3
-18	1.3	11.3	<i>2.2</i>	16.7
-16	2.0	12.5	<i>0.7</i>	18.1
-14	2.8	13.8	0.3	19.5
-12	3.6	15.1	<i>1.2</i>	21.0
-10	4.5	16.5	2.0	22.6
-8	5.4	17.9	2.8	24.2
-6	6.3	19.3	<i>3.7</i>	25.8
-4	7.2	20.8	<i>4.6</i>	27.5
-2	8.2	22.4	<i>5.5</i>	29.3
0	9.2	24.0	<i>6.5</i>	31.1
1	9.7	24.8	<i>7.0</i>	32.0
2	10.2	25.6	<i>7.5</i>	32.9
3	10.7	26.4	<i>9.0</i>	33.9
4	11.2	27.3	<i>8.6</i>	34.9
5	11.8	28.2	<i>9.1</i>	35.8
6	12.3	29.1	<i>9.7</i>	36.8
7	12.9	30.0	<i>10.2</i>	37.9
8	13.5	30.9	<i>10.8</i>	38.9
9	14.0	31.8	<i>11.4</i>	39.9
10	14.6	32.8	<i>11.9</i>	41.0
11	15.2	33.7	<i>12.5</i>	42.1
12	15.8	34.7	<i>13.2</i>	43.2
13	16.4	35.7	<i>13.8</i>	44.3
14	17.1	36.7	<i>14.4</i>	45.4
15	17.7	37.7	<i>15.1</i>	46.5
16	18.4	38.7	<i>15.7</i>	47.7
17	19.0	39.8	<i>16.4</i>	48.8
18	19.7	40.8	<i>17.1</i>	50.0
19	20.4	41.9	<i>17.7</i>	51.2
20	21.0	43.0	<i>18.4</i>	52.4
21	21.7	44.1	<i>19.2</i>	53.7
22	22.4	45.3	<i>19.9</i>	54.9
23	23.2	46.4	<i>20.6</i>	56.2
24	23.9	47.6	<i>21.4</i>	57.5
25	24.6	48.8	<i>22.0</i>	58.9
26	25.4	49.9	<i>22.9</i>	60.1
27	26.1	51.2	<i>23.7</i>	61.5
28	26.9	52.4	<i>24.5</i>	62.8
29	27.7	53.6	<i>25.3</i>	64.2
30	28.4	54.9	<i>26.1</i>	65.6
31	29.2	56.2	<i>26.9</i>	67.0
32	30.1	57.5	<i>27.8</i>	68.4
33	30.9	58.8	<i>28.7</i>	69.0
34	31.7	60.1	<i>29.5</i>	71.3
35	32.6	61.5	<i>30.4</i>	72.8
36	33.4	62.8	<i>31.3</i>	74.3

TEMP °F	REFRIGERANT			
	12	22	134a	502
37	34.3	64.2	32.2	75.8
38	35.2	65.6	33.2	77.4
39	36.1	67.1	34.1	79.0
40	37.0	68.5	35.1	80.5
41	37.9	70.0	36.0	82.1
42	38.8	71.4	37.0	83.8
43	39.8	73.0	38.0	85.4
44	40.7	74.5	39.0	87.0
45	41.7	76.0	40.1	88.7
46	42.6	77.6	41.1	90.4
47	43.6	79.2	42.2	92.1
48	44.6	80.8	43.3	93.9
49	45.7	82.4	44.4	95.6
50	46.7	84.0	45.5	97.4
52	48.8	87.4	47.8	100.5
54	51.0	90.8	50.2	104.1
56	53.2	94.3	52.6	107.9
58	55.4	97.9	54.4	111.7
60	57.7	101.6	57.3	115.6
62	60.1	105.4	59.7	119.6
64	62.5	109.3	62.0	123.7
66	63.8	113.2	64.5	127.9
68	67.6	117.3	66.8	132.2
70	70.2	121.4	71.2	136.6
72	72.9	125.7	74.3	141.1
74	75.6	130.0	77.4	145.6
76	78.4	134.4	80.6	150.3
78	81.2	139.0	83.7	155.1
80	84.2	143.6	86.8	159.9
82	87.2	148.4	90.3	164.9
84	90.2	153.2	93.8	170.0
86	93.3	158.2	97.4	175.1
88	96.5	163.2	100.9	180.4
90	99.8	168.4	104.4	185.8
92	103.1	173.7	108.4	191.3
94	106.5	179.1	112.3	196.9
96	110.1	184.6	116.3	202.6
98	113.5	190.2	120.2	208.4
100	117.2	195.9	124.2	214.4
102	120.9	201.8	128.6	220.4
104	124.6	207.7	133.1	226.6
106	128.5	213.8	137.5	232.9
108	132.4	220.0	142.0	239.3
110	136.4	226.4	146.4	245.8
112	140.5	232.8	151.2	252.4
114	144.7	239.4	156.3	259.2
116	148.9	246.1	161.3	266.1
118	153.2	252.9	166.2	273.1
120	157.6	259.9	171.2	280.3
125	169.1	277.9	184.6	298.7
130	181.0	296.8	198.7	318.0
135	193.5	316.6	213.5	338.1
140	206.6	337.2	229.1	359.1
145	220.3	358.9	245.5	381.1
150	234.6	381.5	262.7	403.9
155	249.5	405.1	280.7	427.8

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