

TEMPERATURE PRESSURE CHART

TEMP °F	R-11 VAPOR PRESSURE	R12 VAPOR PRESSURE	R-113 VAPOR PRESSURE	R-114 VAPOR PRESSURE	R-500 VAPOR PRESSURE	R-502 VAPOR PRESSURE
-50	28.9	15.4	————	27.1	12.8	0.2
-45	28.7	13.3	————	26.6	10.3	1.9
-40	28.4	13.3	————	26.0	7.6	4.1
-35	28.1	8.4	————	25.4	4.6	6.5
-30	27.8	5.5	29.3	24.6	1.2	9.2
-25	27.4	2.3	29.2	23.8	1.2	9.2
-20	27.0	0.6	29.1	22.9	3.2	15.3
-15	26.5	2.4	28.9	21.8	5.4	18.8
-10	26.0	4.5	28.7	20.6	7.8	22.6
-5	25.4	6.7	28.5	19.3	10.4	26.7
0	24.7	9.1	28.2	17.8	13.3	31.1
5	23.9	11.8	27.9	16.2	16.4	35.9
10	23.1	14.6	27.6	14.4	19.7	41.0
15	22.1	17.7	27.2	12.4	23.3	46.5
20	21.1	21.0	26.8	10.2	27.2	52.5
25	19.9	24.6	26.3	7.8	31.5	58.8
30	18.6	28.4	25.8	5.2	36.0	65.6
35	17.2	32.5	25.2	2.3	40.8	72.8
40	15.6	36.9	24.5	0.4	46.0	80.5
45	13.9	41.6	23.8	2.0	51.6	88.7
50	12.0	46.7	22.9	3.8	57.5	97.4
55	10.0	52.0	22.2	5.8	63.9	106.6
60	7.8	57.7	21.0	7.9	70.6	116.4
65	5.4	63.7	19.9	10.1	77.8	126.7
70	2.7	70.2	18.7	12.6	85.4	137.6
75	0.0	76.9	17.3	15.2	93.4	149.1
80	1.5	84.1	15.8	18.0	101.9	161.2
85	3.2	91.7	14.3	20.9	111.0	174.0
90	4.9	99.7	12.5	24.1	120.5	187.4

95	6.8	108.2	10.6	27.5	130.5	201.4
100	8.8	117.1	8.6	31.1	141.1	216.2
105	10.9	126.5	6.4	35.0	152.2	231.7
110	13.2	136.4	4.0	39.1	164.0	247.9
115	15.6	146.7	1.4	43.4	176.3	264.9
120	18.3	157.6	0.7	48.0	189.2	282.7
125	21.0	169.0	2.2	52.8	202.8	301.4
130	24.0	180.9	3.7	58.0	217.0	320.8
135	27.1	193.5	5.4	63.4	231.9	341.2
140	30.4	206.5	7.2	69.0	247.4	362.6
145	34.0	220.2	9.2	75.0	263.7	385.0
150	37.7	234.5	11.2	81.3	280.7	408.4

BOLD NUMERALS - Inches Hg. Below 1 ATM

TEMP °F	R-22 VAPOR PRESSURE	R-123 VAPOR PRESSURE	R-134a VAPOR PRESSURE	R-408A (FX-10) LIQUID PRESSURE	R-404A (FX-70) LIQUID PRESSURE	R-409A (FX-56) LIQUID PRESSURE	R-409A (FX-56) VAPOR PRESSURE	R-407C LIQUID PRESSURE	R-407C VAPOR PRESSURE	R-410A LIQUID PRESSURE
-50	6.2	29.2	18.7	1.6	0.6	12.4	17.2	2.9	11.4	3.5
-45	2.7	29.0	16.9	1.1	2.7	9.7	15.2	0.4	8.5	8.5
-40	0.5	28.9	14.8	3.3	5.0	6.8	13.1	2.5	5.2	11.6
-35	2.6	28.7	12.5	5.6	7.6	3.5	10.7	4.8	1.5	14.9
-30	4.9	28.4	9.8	8.2	10.4	0.0	8.1	7.3	1.3	18.5
-25	7.4	28.1	6.9	11.0	13.4	2.0	5.1	10.1	3.6	22.5
-20	10.1	27.8	3.7	14.1	16.8	4.1	1.9	13.1	6.1	26.9
-15	13.2	27.4	0.1	17.5	20.5	6.5	0.8	16.5	8.8	31.7
-10	16.5	27.0	1.9	21.2	24.5	9.0	2.8	20.1	11.9	36.8
-5	20.0	26.5	4.1	25.2	28.8	11.8	4.9	24.0	15.2	42.5
0	23.9	25.9	6.5	29.5	33.5	14.8	7.2	28.3	18.9	48.6
5	28.2	25.3	9.1	34.2	38.6	18.1	9.7	33.0	22.9	55.2
10	32.8	24.6	11.9	39.3	44.0	21.7	12.5	38.0	27.3	62.3
15	37.7	23.7	15.0	44.8	49.9	25.5	15.4	43.5	32.0	70.0
20	43.0	22.8	18.4	50.7	56.2	29.6	18.7	49.3	37.2	78.3
25	48.7	21.8	22.1	57.0	63.0	34.0	22.2	55.7	42.7	87.3
30	54.9	20.7	26.0	63.7	70.3	38.7	26.0	62.5	48.7	96.8
35	61.5	19.5	30.3	71.0	78.1	43.8	30.1	69.8	55.2	107.0
40	68.5	18.1	35.0	78.7	86.4	49.2	34.5	77.6	62.1	118.0
45	76.0	16.6	40.0	87.0	95.2	54.9	39.2	86.0	69.5	129.7

50	84.0	15.0	45.4	95.8	104.7	61.0	44.3	94.9	77.5	142.2
55	92.5	13.1	51.1	105.1	114.7	67.6	49.8	104.5	86.0	155.5
60	101.6	11.2	57.3	115.1	125.3	74.5	55.6	114.6	95.1	169.6
65	111.2	9.0	63.9	125.6	136.6	81.8	61.9	125.4	104.8	184.6
70	121.4	6.6	71.0	136.8	148.6	89.5	68.6	136.9	115.2	200.6
75	132.2	4.0	78.6	148.7	161.2	97.7	75.8	149.1	126.2	217.4
80	143.6	1.2	86.6	161.2	174.6	106.4	83.4	162.1	137.8	235.3
85	155.7	0.9	95.1	174.4	188.8	115.5	91.5	175.8	150.2	254.1
90	168.4	2.5	104.2	188.4	203.7	125.2	100.2	190.2	163.4	274.1
95	181.8	4.2	113.8	203.1	219.4	135.3	109.4	205.5	177.4	295.1
100	195.9	6.1	124.1	218.7	235.9	146.0	119.2	221.6	192.1	317.2
105	210.7	8.1	134.9	235.4	253.4	157.2	129.6	238.5	207.8	340.5
110	226.3	10.3	146.3	252.1	271.7	169.0	140.6	256.4	224.4	365.0
115	242.7	12.6	158.4	270.2	290.9	181.4	152.3	275.1	241.9	390.7
120	259.9	15.1	171.1	289.1	311.1	194.4	164.7	294.7	260.5	417.7
125	277.9	17.7	184.5	308.9	332.3	208.0	177.8	315.2	280.1	445.9
130	296.8	20.6	198.7	329.7	354.5	222.3	191.6	336.7	300.9	475.6
135	316.5	23.6	213.6	351.5	377.8	237.2	206.3	359.2	322.9	506.5
140	337.2	26.8	229.3	374.3	402.2	252.9	221.8	382.6	346.2	539.0
145	358.8	30.2	245.7	398.1	427.7	269.3	238.2	407.0	370.8	572.8
150	381.5	33.8	263.0	423.0	454.4	286.4	255.5	432.4	396.9	608.1

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