

Forane®

REFRIGERANTS

Vapor Pressure Chart

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FOLD

VAPOR PRESSURE, PSIG									
Temp (°F)	11	12	22	113	114	500	502	134a	123
-50	28.9	15.4	6.2	-	27.1	12.8	0.2	18.7	29.2
-45	28.7	13.3	2.7	-	26.6	10.3	1.9	16.9	29.0
-40	28.4	11.0	0.5	-	26.0	7.6	4.1	14.8	28.9
-35	28.1	8.4	2.6	-	25.4	4.6	6.5	12.5	28.7
-30	27.8	5.5	4.9	29.3	24.6	1.2	9.2	9.8	28.4
-25	27.4	2.3	7.4	29.2	23.8	1.2	12.1	6.9	28.1
-20	27.0	0.6	10.1	29.1	22.9	3.2	15.3	3.7	27.8
-15	26.5	2.4	13.2	28.9	21.8	5.4	18.8	0.1	27.4
-10	26.0	4.5	16.5	28.7	20.6	7.8	22.6	1.9	27.0
-5	25.4	6.7	20.0	28.5	19.3	10.4	26.7	4.1	26.5
0	24.7	9.1	23.9	28.2	17.8	13.3	31.1	6.5	25.9
5	23.9	11.8	28.2	27.9	16.2	16.4	35.9	9.1	25.3
10	23.1	14.6	32.8	27.6	14.4	19.7	41.0	11.9	24.6
15	22.1	17.7	37.7	27.2	12.4	23.3	46.5	15.0	23.7
20	21.1	21.0	43.0	26.8	10.2	27.2	52.5	18.4	22.8
25	19.9	24.6	48.7	26.3	7.8	31.5	58.8	22.1	21.8
30	18.6	28.4	54.9	25.8	5.2	36.0	65.6	26.0	20.7
35	17.2	32.5	61.5	25.2	2.3	40.8	72.8	30.3	19.5
40	15.6	36.9	68.5	24.5	0.4	46.0	80.5	35.0	18.1
45	13.9	41.6	76.0	23.8	2.0	51.6	88.7	40.0	16.6
50	12.0	46.7	84.0	22.9	3.8	57.5	97.4	45.4	15.0
55	10.0	52.0	92.5	22.2	5.8	63.9	106.6	51.1	13.1
60	7.8	57.7	101.6	21.0	7.9	70.6	116.4	57.3	11.2
65	5.4	63.7	111.2	19.9	10.1	77.8	126.7	63.9	9.0
70	2.7	70.2	121.4	18.7	12.6	85.4	137.6	71.0	6.6
75	0.0	76.9	132.2	17.3	15.2	93.4	149.1	78.6	4.0
80	1.5	84.1	143.6	15.8	18.0	101.9	161.2	86.6	1.2
85	3.2	91.7	155.7	14.3	20.9	111.0	174.0	95.1	0.9
90	4.9	99.7	168.4	12.5	24.1	120.5	187.4	104.2	2.5
95	6.8	108.2	181.8	10.6	27.5	130.5	201.4	113.8	4.2
100	8.8	117.1	195.9	8.6	31.1	141.1	216.2	124.1	6.1
105	10.9	126.5	210.7	6.4	35.0	152.2	231.7	134.9	8.1
110	13.2	136.4	226.3	4.0	39.1	164.0	247.9	146.3	10.3
115	15.6	146.7	242.7	1.4	43.4	176.3	264.9	158.4	12.6
120	18.3	157.6	259.9	0.7	48.0	189.2	282.7	171.1	15.1
125	21.0	169.0	277.9	2.2	52.8	202.8	301.4	184.5	17.7
130	24.0	180.9	296.8	3.7	58.0	217.0	320.8	198.7	20.6
135	27.1	193.5	316.5	5.4	63.4	231.9	341.2	213.6	23.6
140	30.4	206.5	337.2	7.2	69.0	247.4	362.6	229.3	26.8
145	34.0	220.2	358.8	9.2	75.0	263.7	385.0	245.7	30.2
150	37.7	234.5	381.5	11.2	81.3	280.7	408.4	263.0	33.8

Bold Numbers - Inches Hg. Below 1 ATM

FOLD

PRESSURE/TEMPERATURE CHART							
Temp. Deg. F	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	1.6	0.6	12.4	17.2	2.9	11.4	3.5
-45	1.1	2.7	9.7	15.2	0.4	8.5	8.5
-40	3.3	5.0	6.8	13.1	2.5	5.2	11.6
-35	5.6	7.6	3.5	10.7	4.8	1.5	14.9
-30	8.2	10.4	0.0	8.1	7.3	1.3	18.5
-25	11.0	13.4	2.0	5.1	10.1	3.6	22.5
-20	14.1	16.8	4.1	1.9	13.1	6.1	26.9
-15	17.5	20.5	6.5	0.8	16.5	8.8	31.7
-10	21.2	24.5	9.0	2.8	20.1	11.9	36.8
-5	25.2	28.8	11.8	4.9	24.0	15.2	42.5
0	29.5	33.5	14.8	7.2	28.3	18.9	48.6
5	34.2	38.6	18.1	9.7	33.0	22.9	55.2
10	39.3	44.0	21.7	12.5	38.0	27.3	62.3
15	44.8	49.9	25.5	15.4	43.5	32.0	70.0
20	50.7	56.2	29.6	18.7	49.3	37.2	78.3
25	57.0	63.0	34.0	22.2	55.7	42.7	87.3
30	63.7	70.3	38.7	26.0	62.5	48.7	96.8
35	71.0	78.1	43.8	30.1	69.8	55.2	107.0
40	78.7	86.4	49.2	34.5	77.6	62.1	118.0
45	87.0	95.2	54.9	39.2	86.0	69.5	129.7
50	95.8	104.7	61.0	44.3	94.9	77.5	142.2
55	105.1	114.7	67.6	49.8	104.5	86.0	155.2
60	115.1	125.3	74.5	55.6	114.6	95.1	169.6
65	125.6	136.6	81.8	61.9	125.4	104.8	184.6
70	136.8	148.6	89.5	68.6	136.9	115.2	200.6
75	148.7	161.2	97.7	75.8	149.1	126.2	217.4
80	161.2	174.6	106.4	83.4	162.1	137.8	235.3
85	174.4	188.8	115.5	91.5	175.8	150.2	254.1
90	188.4	203.7	125.2	100.2	190.2	163.4	274.1
95	203.1	219.4	135.3	109.4	205.5	177.4	295.1
100	218.7	235.9	146.0	119.2	221.6	192.1	317.2
105	235.0	253.4	157.2	129.6	238.5	207.8	340.5
110	252.1	271.7	169.0	140.6	256.4	224.4	365.0
115	270.2	290.9	181.4	152.3	275.1	241.9	390.7
120	289.1	311.1	194.4	164.7	294.7	260.5	417.7
125	308.9	332.3	208.0	177.8	315.2	280.1	445.9
130	329.7	354.5	222.3	191.6	336.7	300.9	475.6
135	351.5	377.8	237.2	206.3	359.2	322.9	506.5
140	374.3	402.2	252.9	221.8	382.6	346.2	539.0
145	398.1	427.7	269.3	238.2	407.0	370.8	572.8
150	423.0	454.4	286.4	255.5	432.4	396.9	608.1

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