

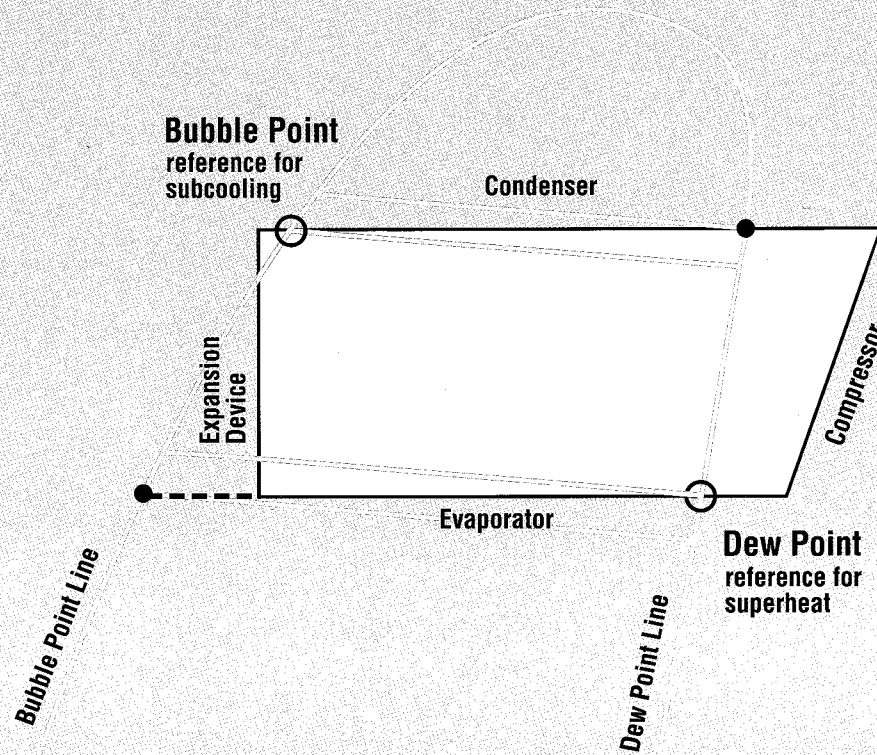
KLEA® REFRIGERANTS TEMPERATURE-PRESSURE CHART

Temp (°F)	CFC-12			Temp (°F)	KLEA 134a		KLEA 407A		KLEA 407B		KLEA 407C		Temp (°F)
	Pressure (psig)	R-502 Pressure (psig)	HCFC-22 Pressure (psig)		Pressure (psig)	Dew Point	Bubble Point	Dew Point	Bubble Point	Dew Point	Bubble Point	Dew Point	
-50	15.4	0.0	6.1	-50	18.7	8.6	0.0	3.7	1.3	10.8	2.2	-50	
-45	13.3	2.1	2.7	-45	16.9	5.3	2.1	0.1	3.5	7.8	0.9	-45	
-40	11.0	4.3	0.6	-40	14.8	1.5	4.4	2.3	6.0	4.4	3.0	-40	
-35	8.4	6.8	2.6	-35	12.5	3.5	6.9	4.7	8.7	0.6	5.4	-35	
-30	5.5	9.4	4.9	-30	9.8	6.1	9.7	7.3	11.7	1.8	8.0	-30	
-25	2.3	12.4	7.4	-25	6.9	8.8	12.8	10.2	15.0	4.1	10.9	-25	
-20	0.6	15.6	10.1	-20	3.7	11.9	16.1	13.4	18.6	6.6	14.1	-20	
-15	2.4	19.1	13.1	-15	0.0	15.2	19.8	16.9	22.5	9.4	17.6	-15	
-10	4.5	22.9	16.4	-10	1.9	18.9	23.8	20.8	26.7	12.5	21.3	-10	
-5	6.7	27.0	20.0	-5	4.1	22.9	28.2	24.9	31.3	15.9	25.4	-5	
0	9.2	31.5	23.9	0	6.5	27.3	32.9	29.5	36.3	19.6	29.9	0	
5	11.8	36.3	28.1	5	9.1	32.0	38.0	34.5	41.7	23.6	34.7	5	
10	14.6	41.4	32.7	10	12.0	37.2	43.5	39.8	47.6	28.0	39.9	10	
15	17.7	47.0	37.6	15	15.0	42.7	47.4	45.6	53.8	32.8	45.6	15	
20	21.0	52.9	42.9	20	18.4	48.7	55.8	51.9	60.6	38.0	51.6	20	
25	24.6	59.3	48.6	25	22.1	55.2	62.7	58.6	67.8	43.6	58.2	25	
30	28.5	66.1	54.7	30	26.1	62.2	70.0	65.8	75.6	49.6	65.2	30	
35	32.6	73.3	61.3	35	30.4	69.7	77.9	73.6	83.9	56.1	72.6	35	
40	37.0	81.0	68.3	40	35.0	77.8	86.3	81.9	92.7	63.1	80.7	40	
45	41.7	89.2	75.8	45	40.0	86.4	95.3	90.9	102.2	70.6	89.2	45	
50	46.7	97.9	83.8	50	45.3	95.7	104.9	100.4	112.2	78.7	98.3	50	
55	52.0	107.1	92.3	55	51.1	105.5	115.1	110.6	122.9	87.3	108.0	55	
60	57.7	116.8	101.4	60	57.3	116.1	125.9	121.4	134.3	96.6	118.4	60	
65	63.8	127.1	111.0	65	63.9	127.3	137.5	132.9	146.4	106.4	129.3	65	
70	70.2	138.0	121.3	70	70.9	139.2	149.6	145.2	159.2	117.0	141.0	70	
75	77.0	149.5	132.1	75	78.4	152.0	162.6	158.2	172.7	128.2	153.3	75	
80	84.2	161.7	143.6	80	86.4	165.5	176.2	172.1	187.0	140.1	166.4	80	
85	91.8	174.4	155.7	85	94.9	179.8	190.6	186.7	202.1	152.8	180.1	85	
90	99.8	187.9	168.5	90	103.9	195.0	205.9	202.3	218.1	166.3	194.7	90	
95	108.3	202.0	182.0	95	113.5	211.1	221.9	218.7	234.9	180.6	210.1	95	
100	117.2	216.8	196.2	100	123.6	228.1	238.9	236.1	252.6	195.7	226.2	100	
105	126.6	232.4	211.2	105	134.3	246.1	256.7	254.4	271.2	211.8	243.3	105	
110	136.4	248.7	227.0	110	145.6	265.2	275.4	273.8	290.8	228.8	261.2	110	
115	146.8	265.9	243.5	115	157.6	285.3	295.0	294.2	311.4	246.7	280.0	115	
120	157.7	283.8	260.9	120	170.3	306.5	315.7	315.8	333.0	265.7	299.7	120	
125	169.1	302.6	279.2	125	183.6	328.9	337.3	338.5	355.6	285.8	320.5	125	
130	181.0	322.3	298.3	130	197.6	352.6	359.9	362.4	379.4	307.0	342.2	130	
135	193.5	342.9	318.3	135	212.4	377.5	383.6	387.6	404.2	329.3	364.9	135	
140	206.6	364.4	339.3	140	227.9		408.4	414.2	430.1	352.9	388.6	140	

Highlighted figures = in. Hg, Vacuum

PRESSURE

REFRIGERATION CYCLE DIAGRAM



ENTHALPY

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