

Refrigerant Temperature/Pressure Chart

Pressure PSI

Red Numbers are inches Hg, Blue Numbers are PSIG

Temp in Farenheit	R-11	R-12	R-22	R-123	R-134a	R-410A	R-500	R-502
-100	29.8	27.0	25.0	29.9	27.8		26.4	25.3
-90	29.7	25.7	23.0	29.8	26.9		24.9	30.6
-80	29.6	24.1	20.2	29.7	25.6		22.9	17.2
-70	29.4	21.8	16.6	29.6	23.8		20.3	12.8
-60	29.2	19.0	6.2	29.5	21.5		17.0	7.2
-50	28.9	15.4	12.0	29.2	18.5	5.3	12.8	0.2
-40	28.4	11.0	0.5	28.9	14.0	11.0	7.6	4.1
-30	27.8	5.4	4.9	28.5	9.8	17.8	1.2	9.2
-20	27.0	0.6	10.2	27.8	3.8	26.1	3.2	15.3
-10	26.0	4.4	16.0	27	1.8	35.9	7.8	22.6
0	24.7	9.2	24.0	26.0	6.3	47.5	13.3	31.1
10	23.1	4.6	32.8	24.7	11.6	61.2	19.7	41.0
20	21.1	21.0	43.0	23.0	18.0	77.1	27.2	52.4
30	18.6	28.4	54.9	20.8	25.6	95.5	36.0	65.6
40	15.6	37.0	68.5	18.2	34.5	166.6	46.0	80.5
50	12.0	46.7	84.0	15.0	44.9	140.8	57.5	97.4
60	7.8	57.7	101.6	11.2	56.9	166.2	70.6	116.4
70	2.8	70.2	121.4	6.6	70.7	199.2	85.3	137.6
80	1.5	84.2	143.6	1.1	86.4	234.0	101.9	161.2
90	4.9	99.8	168.4	2.6	104.2	273.0	120.4	187.4
100	8.8	117.2	195.9	6.3	124.3	316.4	141.1	216.2
110	13.1	136.4	226.4	10.5	146.3	364.6	164.0	247.9
120	18.3	157.7	259.9	15.4	171.9	417.7	189.2	282.7
130	24.0	181.0	296.8	21.0	199.4	476.3	217.0	320.8
140	30.4	206.6	337.2	27.3	230.5	540.5	247.4	362.6
150	37.7	234.4	381.5	34.5	264.4	610.6	280.7	408.4