FREE CALCULATOR

Refrigerant pressure chart: R-134a, R-410A and R-22

Saturation pressure and temperature for R-134a, R-410A and R-22 from −40 to 150 °F, and a calculator for the saturation temperature at a gauge reading and the superheat or subcooling.

CHART

Refrigerant pressure temperature chart (psig)

°F	°C	R-134A (PSIG)	R-410A (PSIG)	R-22 (PSIG)
-40	-40	-7.3	10.8	0.6
-35	-37.2	-6.1	14.1	2.6
-30	-34.4	-4.8	17.8	4.9
-25	-31.7	-3.4	21.9	7.4
-20	-28.9	-1.8	26.3	10.2
-15	-26.1	0	31.2	13.2
-10	-23.3	1.9	36.5	16.5
-5	-20.6	4.1	42.2	20.1
0	-17.8	6.5	48.4	24
5	-15	9.1	55.2	28.3
10	-12.2	11.9	62.4	32.8
15	-9.4	15	70.3	37.8
20	-6.7	18.4	78.7	43.1
25	-3.9	22.1	87.7	48.8

°F	°C	R-134A (PSIG)	R-410A (PSIG)	R-22 (PSIG)
30	-1.1	26.1	97.4	55
35	1.7	30.4	107.7	61.5
40	4.4	35	118.8	68.6
45	7.2	40.1	130.6	76.1
50	10	45.4	143.1	84.1
55	12.8	51.2	156.5	92.6
60	15.6	57.4	170.7	101.6
65	18.3	64	185.8	111.2
70	21.1	71.1	201.7	121.4
75	23.9	78.7	218.6	132.2
80	26.7	86.7	236.5	143.6
85	29.4	95.2	255.4	155.7
90	32.2	104.3	275.3	168.4
95	35	113.9	296.4	181.8
100	37.8	124.2	318.5	195.9
105	40.6	135	341.9	210.8
110	43.3	146.4	366.5	226.4
115	46.1	158.4	392.3	242.8
120	48.9	171.2	419.5	260
125	51.7	184.6	448	278
130	54.4	198.7	478	296.9
135	57.2	213.6	509.5	316.7
140	60	229.2	542.6	337.4
145	62.8	245.7	577.4	359

°F	°C	R-134A (PSIG)	R-410A (PSIG)	R-22 (PSIG)
150	65.6	262.9	613.9	381.7

Negative values are a vacuum: multiply by 2.036 for inches of mercury.

Free chart from fleetzap.com/tools/refrigerant-pressure-chart