



Pressure Temperature Charts

°F	°C	R-12
-40	-40	11.0
-35	-37.2	8.4
-30	-34.4	5.5
-25	-31.7	2.3
-20	-28.9	0.6
-15	-26.1	2.4
-10	-23.3	4.5
-5	-20.6	6.7
0	-17.8	9.2
5	-15.0	11.8
10	-12.2	14.6
15	-9.4	17.7
20	-6.7	21.0
25	-3.9	24.6
30	-1.1	28.5
35	1.7	32.6
40	4.4	37.0
45	7.2	41.7
50	10.0	46.7
55	12.8	52.0

°F	°C	R-12
60	15.6	57.7
65	18.3	63.8
70	21.1	70.2
75	23.9	77.0
80	26.7	84.2
85	29.4	91.8
90	32.2	99.8
95	35.0	108.0
100	37.8	117.0
105	40.6	127.0
110	43.3	136.0
115	46.1	147.0
120	48.9	158.0
125	51.7	169.0
130	54.4	181.0
135	57.2	194.0
140	60.0	207.0
145	62.8	220.0
150	65.6	234.0

Vapor Pressure in PSIG
In Vacuum (inches in Hg)

Refrigerant Boiling Point

Refrigerant	Components	BP (0 PSIG):
R-12	R-12 (100%) Dichlorodifluoromethane	-21.6°F

Liquid Density

Refrigerant		-80°F	-40°F	0°F	40°F	80°F	120°F
R-12	#/cu. ft.	98.4	94.7	90.7	86.3	81.5	75.9
	# / gal.	13.2	12.7	12.1	11.5	11.9	10.2

Physical Properties

	R-12
Environmental Classification	CFC
Molecular Weight	120.9
Boiling Point (1atm, °F)	-21.6
Critical Pressure (psia)	600
Critical Temperature (°F)	233.5
Critical Density (lb./ft ^3)	35.3
Vapor Density (bp, lb./ft ^3)	0.393
Heat of Vaporization (bp, BTU/lb.)	71.2
Ozone Depletion Potential (CFC 11 -1.0)	1.0
Global Warming Potential (CO2 = 1.0)	10900
ASHRAE Standard 34 Safety Rating	A1

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