

Physical Properties of Refrigerants	R22
Environmental Classification	HCFC
Molecular Weight	86.5
Boiling Point (1atm, °F)	-41.5
Critical Pressure (psia)	723.7
Critical Temperature (°F)	205.1
Critical Density(lb./ft <sup>3</sup> )	32.7
Liquid Density (20 °F, lb./ft <sup>3</sup> )	75.3
Vapor Density (bp, lb./ft <sup>3</sup> )	0.294
Heat of Vaporization(bp, BTU/lb.)	100.5
Specific Head Liquid( 20 °F, BTU/lb. °F)	0.2967
Specific Head Vapor (1atm, 20 °F, BTU/lb. °F)	0.1573
Ozone Depletion Potential (CFC 11 -1.0)	0.05
Global Warming Potential (CO <sub>2</sub> = 1.0)	1810
ASHRAE Standard 34 Safety Rating	A1

Pressure- Temp  
Chart

Temp °F	R22 psig
-40	0.5
-35	2.6
-30	4.9
-25	7.4
-20	10.1
-15	13.2
-10	16.5
-5	20.1
0	24
5	28.2
10	32.8
15	37.7
20	43
25	48.8
30	54.9
35	61.5
40	68.5
45	76
50	84
55	92.6
60	102
65	111
70	121
75	132
80	144
85	156
90	168
95	182
100	196
105	211
110	226
115	243
120	260
125	278
130	297
135	317
140	337
145	359
150	382

# R22

**⚠ WARNING:** Cancer and Reproductive Harm -  
[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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