


Physical Properties of Refrigerants	R114
Environmental Classification	CFC
Molecular Weight	170.92
Boiling Point (1atm, °F)	38.4
Critical Pressure (psia)	473
Critical Temperature (°F)	294
Critical Density(lb./ft ³)	1278.612
Liquid Density (20 °F,lb./ft ³)	94.77148
Vapor Density (bp,lb./ft ³)	0.488836
Heat of Vaporization(bp,BTU/lb.)	135.939
Specific Head Liquid(20 °F, BTU/lb. °F)	
Specific Head Vapor (1atm, 20 °F,BTU/lb. °F)	-
Ozone Depletion Potential (CFC 11 -1.0)	1.0
Global Warming Potential (CO ₂ = 1.0)	3.9
ASHRAE Standard 34 Safety Rating	

Pressure- Temp
Chart

Temp °F	R114 psig
-20	22.9
-15	21.8
-10	20.6
-5	19.3
0	17.8
5	16.2
10	14.4
15	12.4
20	10.2
25	7.8
30	5.2
35	2.3
40	0.4
45	2.0
50	3.8
55	5.8
60	7.9
65	10.1
70	12.6
75	15.2
80	18.0
85	20.9
90	24.1
95	27.5
100	31.2
105	35.0
110	39.1
115	43.4
120	48.0
125	52.8
130	58.0
135	63.4
140	69.1
145	75.1
150	81.4

R114

 **WARNING:** Cancer and Reproductive Harm -
www.P65Warnings.ca.gov

This information is believed to be accurate and reliable but is provided for guidance only. A-Gas accepts no responsibility and the user assumes all risks and liability for use of this information.