


Physical Properties of Refrigerants	R-11
Environmental Classification	CFC
Molecular Weight	137.4
Boiling Point (1atm, °F)	74.7
Critical Pressure (psia)	639.3
Critical Temperature (°F)	388
Critical Density(lb./ft <sup>3</sup> )	34.6
Liquid Density (20 °F,lb./ft <sup>3</sup> )	92.73
Vapor Density (bp,lb./ft <sup>3</sup> )	0.365
Heat of Vaporization(bp,BTU/lb.)	77.9
Specific Head Liquid( 20 °F, BTU/lb. °F)	0.2093
Specific Head Vapor (1atm, 20 °F,BTU/lb. °F)	0.1444 (sat)
Ozone Depletion Potential (CFC 11 -1.0)	1
Global Warming Potential (CO <sub>2</sub> = 1.0)	4750
ASHRAE Standard 34 Safety Rating	A1

Pressure- Temp  
Chart

Temp °F	R-11 psig
-40	-
-35	-
-30	-
-25	-
-20	27.0"
-15	26.5"
-10	26.0"
-5	25.4"
0	24.7"
5	23.9"
10	23.1"
15	22.1"
20	21.1"
25	19.29"
30	18.6"
35	17.2"
40	15.6"
45	13.9"
50	12.0"
55	10.0"
60	7.8"
65	5.4"
70	2.8"
75	0
80	1.5
85	3.2
90	4.9
95	6.8
100	8.8
105	10.9
110	13.2
115	15.6
120	18.2
125	21
130	24
135	27.1
140	30.4
145	34
150	37.7

# R-11

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