


Physical Properties of Refrigerants	R115
Environmental Classification	CFC
Molecular Weight	154.47
Boiling Point (1atm, °F)	-38
Critical Pressure (psia)	453
Critical Temperature (°F)	176
Critical Density(lb./ft ³)	38.37
Liquid Density (20 °F,lb./ft ³)	96.55
Vapor Density (bp,lb./ft ³)	0.5247
Heat of Vaporization(bp,BTU/lb.)	82.4
Specific Head Liquid(20 °F, BTU/lb. °F)	
Specific Head Vapor (1atm, 20 °F,BTU/lb. °F)	
Ozone Depletion Potential (CFC 11 -1.0)	0.4
Global Warming Potential (CO ₂ = 1.0)	10300
ASHRAE Standard 34 Safety Rating	A1

Pressure- Temp
Chart

Temp °F	R115 psig
-40	-1.2
-35	1.3
-30	3.4
-25	5.6
-20	8.1
-15	10.8
-10	13.7
-5	16.9
0	20.3
5	24.1
10	28.1
15	32.4
20	37.0
25	42.0
30	47.4
35	53.1
40	59.1
45	65.6
50	72.5
55	79.8
60	87.6
65	95.8
70	104.5
75	113.8
80	123.5
85	133.8
90	144.6
95	156.0
100	168.0
105	180.7
110	193.9
115	207.9
120	222.5
125	237.9
130	254.0
135	270.9
140	288.5
145	307.6
150	327.3

R115

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

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