

Physical Properties of Refrigerants	R-116
Environmental Classification	CFC
Molecular Weight	138.02
Boiling Point (1atm, °F)	-108.8
Critical Pressure (psia)	432.21
Critical Temperature (°F)	67.8
Critical Density(lb./ft <sup>3</sup> )	
Liquid Density (20 °F,lb./ft <sup>3</sup> )	100.3842
Vapor Density (bp,lb./ft <sup>3</sup> )	0.55311
Heat of Vaporization(bp,BTU/lb.)	117.4
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
Global Warming Potential (CO <sub>2</sub> = 1.0)	11400
ASHRAE Standard 34 Safety Rating	A1

Pressure- Temp  
Chart

Temp °F	R-116 psig
-40	65.2
-35	73.5
-30	82.5
-25	92.1
-20	102.4
-15	113.4
-10	125.1
-5	137.6
0	150.8
5	164.9
10	179.8
15	195.5
20	212.1
25	229.6
30	248.1
35	267.4
40	287.8
45	310.9
50	334.8
55	360.2
60	
65	
70	
75	
80	
85	
90	
95	
100	
105	
110	
115	
120	
125	
130	
135	
140	
145	
150	

# R-116

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