

Physical Properties of Refrigerants	R-411B
Environmental Classification	HCFC
Molecular Weight	102.03
Boiling Point (1atm, °F)	-14.9
Critical Pressure (psia)	4.06
Critical Temperature (°F)	213.9
Critical Density(lb./ft ³)	370.4
Liquid Density (70 °F,lb./ft ³)	
Vapor Density (bp,lb./ft ³)	
Heat of Vaporization(bp,BTU/lb.)	
Specific Heat Liquid(20 °F, BTU/lb. °F)	
Specific Heat Vapor (1atm, 70 °F,BTU/lb. °F)	
Ozone Depletion Potential (CFC 11 -1.0)	0
Global Warming Potential (CO ₂ = 1.0)	130
ASHRAE Standard 34 Safety Rating	A2

Pressure- Temp
Chart

Temp °F	R-1270 psig
-40	1.6
-35	3.8
-30	6.1
-25	8.7
-20	11.5
-15	14.6
-10	18
-5	21.6
0	25.6
5	29.9
10	34.5
15	39.5
20	44.9
25	50.7
30	56.9
35	63.5
40	70.6
45	78.2
50	86.2
55	94.8
60	103.9
65	113.6
70	123.9
75	134.7
80	146.2
85	158.3
90	171.2
95	184.7
100	198.9
105	213.9
110	229.6
115	246.1
120	263.5
125	281.6
130	300.7
135	320.6
140	341.5
145	363.3
150	386.1

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