

Physical Properties of Refrigerants	R-410B
Environmental Classification	HFC
Molecular Weight	72.58
Boiling Point (1atm, °F)	-60.88
Critical Pressure (psia)	4.95
Critical Temperature (°F)	44.96
Critical Density(lb./ft <sup>3</sup> )	
Liquid Density (20 °F,lb./ft <sup>3</sup> )	
Vapor Density (bp,lb./ft <sup>3</sup> )	
Heat of Vaporization(bp,BTU/lb.)	
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)	0.2
ASHRAE Standard 34 Safety Rating	

Pressure- Temp  
Chart

Temp °F	R-410B psig
-40	11.1
-35	14.4
-30	18.1
-25	22.2
-20	26.6
-15	31.5
-10	36.8
-5	42.5
0	48.7
5	55.4
10	62.6
15	70.4
20	78.8
25	87.8
30	87.4
35	107.8
40	118.3
45	130.5
50	243
55	156.3
60	170.4
65	185.4
70	201.3
75	218.1
80	235.8
85	254.6
90	274.4
95	295.2
100	317.2
105	340.3
110	364.6
115	390
120	416.8
125	444.9
130	474.2
135	505
140	537.2
145	570.9
150	606

# R-410B

*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.*