


Physical Properties of Refrigerants	R402A
Environmental Classification	HCFC
Molecular Weight	101.6
Boiling Point (1atm, °F)	-56.5
Critical Pressure (psia)	600
Critical Temperature (°F)	168
Critical Density(lb./ft <sup>3</sup> )	33.8
Liquid Density (20 °F,lb./ft <sup>3</sup> )	72.61
Vapor Density (bp,lb./ft <sup>3</sup> )	0.356
Heat of Vaporization(bp,BTU/lb.)	83.58
Specific Head Liquid( 20 °F, BTU/lb. °F)	0.3254
Specific Head Vapor (1atm, 20 °F,BTU/lb. °F)	0.1811
Ozone Depletion Potential (CFC 11 -1.0)	0.019
Global Warming Potential (CO <sub>2</sub> = 1.0)	2788
ASHRAE Standard 34 Safety Rating	A1

Pressure- Temp  
Chart

Temp °F	R402A psig
-40	6.3
-35	9.1
-30	12.1
-25	15.4
-20	18.9
-15	22.9
-10	27.1
-5	31.7
0	26.7
5	42.1
10	48
15	54.2
20	60.9
25	68.1
30	75.8
35	84
40	92.8
45	102
50	112
55	123
60	134
65	146
70	158
75	171
80	185
85	200
90	215
95	232
100	249
105	267
110	286
115	305
120	326
125	347
130	370
135	393
140	418
145	443
150	470

# R402A

 **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.*