


Physical Properties of Refrigerants	R-408A
Environmental Classification	HCFC
Molecular Weight	78
Boiling Point (1atm, °F)	-49.8
Critical Pressure (psia)	641.6
Critical Temperature (°F)	182
Critical Density(lb./ft ³)	30
Liquid Density (20 °F,lb./ft ³)	66.9
Vapor Density (bp,lb./ft ³)	0.303
Heat of Vaporization(bp,BTU/lb.)	96.74
Specific Head Liquid(20 °F, BTU/lb. °F)	0.3416
Specific Head Vapor (1atm, 20 °F,BTU/lb. °F)	0.1901
Ozone Depletion Potential (CFC 11 -1.0)	0.024
Global Warming Potential (CO ₂ = 1.0)	3152
ASHRAE Standard 34 Safety Rating	A1

Pressure- Temp
Chart

Temp °F	R-408A psig
-40	2.8
-35	5.1
-30	7.6
-25	10.4
-20	13.5
-15	16.8
-10	20.4
-5	24.4
0	28.7
5	33.3
10	38.3
15	43.7
20	49.5
25	55.8
30	62.5
35	69.7
40	77.4
45	85.6
50	94.3
55	102
60	114
65	124
70	135
75	147
80	159
85	173
90	186
95	201
100	217
105	233
110	250
115	268
120	287
125	307
130	327
135	349
140	372

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

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