

Physical Properties of Refrigerant	R-407C
Environmental Classification	HFC
Molecular Weight	106.7
Boiling Point (1atm, °F)	-51.7
Critical Pressure (psia)	586.71
Critical Temperature (°F)	189.08
Critical Density(lb./ft ³)	32.32
Saturated Liquid Density @ 86°F, (lb/ft ³)	
Vapor Density (bp,lb./ft ³)	
Heat of Vaporization(bp,BTU/lb.)	
Specific Heat of Liquid @ 86°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 ₂ = 1.0)	2346
ASHRAE Standard 34 Safety Rating	A1

Pressure- Temp Chart

Temp °F	Liquid psig	Vapor psig
-40	0.5	-4.2
-35	2.4	-0.8
-30	4.5	1.5
-25	6.9	3.6
-20	9.4	5.9
-15	12.2	8.4
-10	15.2	11.2
-5	18.5	14.3
0	22	17.6
5	25.9	21.2
10	30	25.1
15	34.5	29.3
20	39.3	33.9
25	44.5	38.9
30	50.8	44.2
35	56	49.9
40	62.4	56.1
45	69.2	62.7
50	76.4	69.8
55	87.2	77.3
60	95.7	85.4
65	105	93.9
70	114	103
75	124	113
80	134	123
85	146	134
90	157	145
95	170	158
100	183	170
105	197	184
110	211	198
115	225	212
120	241	227
125	258	244
130	275	261
135	293	279
140	312	297

R-417A



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

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