



Pressure Temperature Charts

°F	°C	R-408A
-40	-40.0	2.8
-35	-37.2	5.1
-30	-34.4	7.6
-25	-31.7	10.4
-20	-28.9	13.5
-15	-26.1	16.8
-10	-23.3	20.4
-5	-20.6	24.4
0	-17.8	28.7
5	-15.0	33.3
10	-12.2	38.3
15	-9.4	43.7
20	-6.7	49.5
25	-3.9	55.8
30	-1.1	62.5
35	1.7	69.7
40	4.4	77.4
45	7.2	85.6
50	10.0	94.3
55	12.8	104.0

°F	°C	R-408A
60	15.6	114.0
65	18.3	124.0
70	21.1	135.0
75	23.9	147.0
80	26.7	159.0
85	29.4	173.0
90	32.2	186.0
95	35.0	201.0
100	37.8	217.0
105	40.6	233.0
110	43.3	250.0
115	46.1	268.0
120	48.9	287.0
125	51.7	307.0
130	54.4	327.0
135	57.2	349.0
140	60.0	373.0
145	62.8	-
150	65.6	-

Vapor Pressure in PSIG

Refrigerant Boiling Point

Refrigerant	Components	BP (0 PSIG):
R-408A	R-22 (47%), R-143A (46%), R-125 (7%) Chlorodifluoromethane, 1,1,1-Trifluoroethane, Pentafluoroethane	-49.8°F

Liquid Density

Refrigerant		-80°F	-40°F	0°F	40°F	80°F	120°F
R-408A	#/cu. ft.	83.68	79.79	75.62	71.01	65.71	59.15
	#/gal.	11.19	10.67	10.11	9.49	8.78	7.91

Physical Properties

	R-408A
Environmental Classification	HCFC
Molecular Weight	87.0 g/mol
Boiling Point (1atm,°F)	-49.8
Critical Pressure (psia)	641.6
Critical Temperature (°F)	182
Critical Density (lb./ft ^3)	30
Vapor Density (bp, lb./ft ^3)	0.303
Heat of Vaporization (bp, BTU/lb.)	96.74
Global Warming Potential (CO2 = 1.0)	3431.9
ASHRAE Standard 34 Safety Rating	A1

Looking to Buy or Sell Refrigerant?

[See our Full Product Line](#)

Get **Paid** for Your Recovered
Refrigerant