



Pressure Temperature Charts

°F	°C	R-407C Liquid	R-407C Vapor
-40	-40.0	3.0	4.4
-35	-37.2	5.4	0.6
-30	-34.4	8.0	1.8
-25	-31.7	10.9	4.1
-20	-28.9	14.1	6.6
-15	-26.1	17.6	9.4
-10	-23.3	21.3	12.5
-5	-20.6	25.4	15.9
0	-17.8	29.9	19.6
5	-15.0	34.7	23.6
10	-12.2	39.9	28.0
15	-9.4	45.6	32.8
20	-6.7	51.6	38.0
25	-3.9	58.2	43.6
30	-1.1	65.2	49.6
35	1.7	72.6	56.1
40	4.4	80.7	63.1
45	7.2	89.2	70.6
50	10.0	98.3	78.7
55	12.8	108.0	87.3

°F	°C	R-407C Liquid	R-407C Vapor
60	15.6	118.0	96.8
65	18.3	129.0	106.0
70	21.1	141.0	117.0
75	23.9	153.0	128.0
80	26.7	166.0	140.0
85	29.4	180.0	153.0
90	32.2	195.0	166.0
95	35.0	210.0	181.0
100	37.8	226.0	196.0
105	40.6	243.0	211.0
110	43.3	261.0	229.0
115	46.1	280.0	247.0
120	48.9	300.0	266.0
125	51.7	321.0	286.0
130	54.4	342.0	307.0
135	57.2	365.0	329.0
140	60.0	389.0	353.0
145	62.8	-	-
150	65.6	-	-

**Vapor Pressure in PSIG
In Vacuum (inches in Hg)**

Refrigerant Boiling Point

Refrigerant	Components	BP (0 PSIG):
R-407C	R-134A (52%), R-125 (25%), R-32 (23%) 1,1,1,2-Tetrafluoroethane, Pentafluoroethane, Difluoromethane	-43.6°F

Liquid Density

Refrigerant		-80°F	-40°F	0°F	40°F	80°F	120°F
R-407C	#/cu. ft.	89.68	85.49	81.04	76.15	70.56	63.69
	#/gal.	11.99	11.43	10.83	10.18	9.43	8.51

Physical Properties

	R-407C
Environmental Classification	HFC
Molecular Weight	86.2 g/mol
Boiling Point (1atm, °F)	-43.6
Critical Pressure (psia)	672.1
Critical Temperature (°F)	187
Critical Density (lb./ft ^3)	32
Vapor Density (bp, lb./ft ^3)	0.289
Heat of Vaporization (bp, BTU/lb.)	106.7
Global Warming Potential (CO2 = 1.0)	1774
ASHRAE Standard 34 Safety Rating	A1

Looking to Buy or Sell Refrigerant?

[See our Full Product Line](#)

Get **Paid** for Your Recovered
Refrigerant