



Pressure Temperature Charts

°F	°C	R-402A
-40	-40.0	6.3
-35	-37.2	9.1
-30	-34.4	12.1
-25	-31.7	15.4
-20	-28.9	18.9
-15	-26.1	22.9
-10	-23.3	27.1
-5	-20.6	31.7
0	-17.8	36.7
5	-15.0	42.1
10	-12.2	48.0
15	-9.4	54.2
20	-6.7	60.9
25	-3.9	68.1
30	-1.1	75.8
35	1.7	84.0
40	4.4	92.8
45	7.2	102.0
50	10.0	112.0
55	12.8	123.0

°F	°C	R-402A
60	15.6	134.0
65	18.3	146.0
70	21.1	158.0
75	23.9	171.0
80	26.7	185.0
85	29.4	200.0
90	32.2	215.0
95	35.0	232.0
100	37.8	249.0
105	40.6	267.0
110	43.3	286.0
115	46.1	305.0
120	48.9	326.0
125	51.7	347.0
130	54.4	370.0
135	57.2	393.0
140	60.0	418.0
145	62.8	443.0
150	65.6	470.0

Vapor Pressure in PSIG

Refrigerant Boiling Point

Refrigerant	Components	BP (0 PSIG):
R-402A	R-125 (60%), R-290 (2%), R-22 (38%) Pentafluoroethane, Chlorodifluoromethane, Propane	-56.5°F

Liquid Density

Refrigerant		-80°F	-40°F	0°F	40°F	80°F	120°F
R-402A	#/cu. ft.	91.98	87.55	82.74	77.36	71.04	62.85
	#/gal.	12.3	11.7	11.06	10.34	9.5	8.4

Physical Properties

	R-402A
Environmental Classification	HCFC
Molecular Weight	101.55 g/mol
Boiling Point (1atm, °F)	-56.5
Critical Pressure (psia)	600
Critical Temperature (°F)	168
Critical Density (lb./ft ^3)	33.8
Vapor Density (bp, lb./ft ^3)	0.356
Heat of Vaporization (bp, BTU/lb.)	83.58
Global Warming Potential (CO2 = 1.0)	2788
ASHRAE Standard 34 Safety Rating	A1

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