



Pressure Temperature Charts

°F	°C	R-416A Liquid	R-416A Vapor
-40	-40	-	-
-35	-37.2	-	-
-30	-34.4	12.1	13.4
-25	-31.7	9.6	11.0
-20	-28.9	6.7	8.3
-15	-26.1	3.5	5.3
-10	-23.3	0.0	2.0
-5	-20.6	1.9	0.8
0	-17.8	4.0	2.8
5	-15.0	6.3	5.0
10	-12.2	8.9	7.4
15	-9.4	11.6	10.0
20	-6.7	14.6	12.8
25	-3.9	17.8	15.9
30	-1.1	21.4	19.3
35	1.7	25.2	22.9
40	4.4	29.3	26.8
45	7.2	33.7	31.1
50	10.0	38.4	35.6
55	12.8	43.5	40.5

°F	°C	R-416A Liquid	R-416A Vapor
60	15.6	49.0	45.7
65	18.3	54.8	51.3
70	21.1	61.1	57.3
75	23.9	67.7	63.7
80	26.7	74.8	70.6
85	29.4	82.3	77.8
90	32.2	90.3	85.5
95	35.0	98.8	93.7
100	37.8	108.0	102.0
105	40.6	117.0	112.0
110	43.3	127.0	121.0
115	46.1	138.0	132.0
120	48.9	149.0	143.0
125	51.7	161.0	154.0
130	54.4	173.0	166.0
135	57.2	186.0	179.0
140	60.0	200.0	192.0
145	62.8	214.0	206.0
150	65.6	229.0	221.0

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

Refrigerant Boiling Point

Refrigerant	Components	BP (0 PSIG):
R-416A	R-134A (59%), R-124 (39.5%), R-600 (1.5%) 1,1,1,2- Tetrafluoroethane, 1-Chloro-1,2,2,2-Tetrafluoroethane, n-Butane	-10.0°F

Liquid Density

Refrigerant		-80°F	-40°F	0°F	40°F	80°F	120°
R-416A	#/cu. ft.	-	89.0	85.0	80.7	75.9	70.4
	#/gal.	-	11.9	11.4	10.8	10.1	9.4

Physical Properties

	R-416A
Environmental Classification	HCFC
Boiling Point (1atm,°F)	-10.0
Global Warming Potential (CO2 = 1.0)	1084.33

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