R-417A PT Chart

Saturation pressure vs temperature · Safety class A1 · Blend

°F / psig
°C / kPa

°F and psig

°F	Liquid bubble, psig	Vapor dew, psig
-40	*1.2"*	*7.6"*
-35	1.3	*4.2"*
-30	3.5	*0.5"*
-25	5.8	1.8
-20	8.4	4.0
-15	11.2	6.5
-10	14.3	9.2
-5	17.7	12.2
0	21.4	15.5
5	25.3	19.1
10	29.6	22.9
15	34.3	27.2
20	39.3	31.7
25	44.7	36.7
30	50.5	42.0
35	56.7	47.8
40	**63.4**	**54.0**
45	70.5	60.6
50	78.0	67.8
55	86.1	75.4
60	94.7	83.5
65	103.8	92.2
70	113.5	101.4
75	123.8	111.3
80	134.7	121.7
85	146.2	132.8
90	158.3	144.5
95	171.1	156.9
100	**184.6**	**170.1**
105	198.9	183.9
110	213.8	198.6
115	229.6	214.0
120	246.1	230.3
125	263.5	247.5
130	281.7	265.5
135	300.8	284.5
140	320.8	304.5
145	341.8	325.6
150	363.8	347.7

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	-4.2	-25.6
-35	20.8	-4.4
-30	50.6	21.3
-25	85.7	52.0
-20	126.9	88.5
-15	174.7	131.4
-10	229.8	181.3
-5	293.0	239.1
0	364.9	305.4
5	446.4	381.2
10	538.1	467.2
15	640.9	564.3
20	755.6	673.4
25	883.1	795.3
30	1024.2	931.2
35	1179.9	1081.9
40	1351.1	1248.6
45	1538.8	1432.5
50	1744.1	1634.6
55	1968.1	1856.5
60	2212.0	2099.7
65	2477.2	2366.0

Liquid = bubble point (use for subcooling). Vapor = dew point (use for superheat).
°F table: italic " = inches of mercury (inHg) vacuum.
°C table: negative kPa = vacuum.
Rows every 5° plus the first and last row. Every degree is on the website.
Source: manufacturer and supplier charts (Chemours, National Refrigerants). Reference only: always verify with the manufacturer's data and your gauges.