R-421A 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	0.5	*6.1"*
-35	2.5	*2.6"*
-30	4.8	0.7
-25	7.4	2.8
-20	10.1	5.2
-15	13.2	7.8
-10	16.5	10.7
-5	20.1	13.9
0	24.0	17.3
5	28.2	21.1
10	32.8	25.2
15	37.8	29.7
20	43.1	34.6
25	48.9	39.8
30	55.0	45.5
35	61.7	51.6
40	**68.7**	**58.1**
45	76.3	65.2
50	84.3	72.7
55	92.9	80.8
60	102.0	89.4
65	111.7	98.5
70	122.0	108.3
75	132.9	118.7
80	144.4	129.8
85	156.6	141.5
90	169.5	153.9
95	183.1	167.1
100	**197.4**	**181.0**
105	212.4	195.7
110	228.3	211.2
115	244.9	227.6
120	262.4	244.9
125	280.8	263.1
130	300.1	282.2
135	320.3	302.4
140	341.5	323.6
145	363.6	346.0
150	386.9	369.5

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	3.3	-20.8
-35	30.1	1.8
-30	62.0	29.0
-25	99.6	61.6
-20	143.6	100.3
-15	194.6	145.7
-10	253.5	198.5
-5	320.8	259.7
0	397.4	330.0
5	484.0	410.2
10	581.5	501.2
15	690.7	604.0
20	812.4	719.4
25	947.6	848.5
30	1097.2	992.3
35	1262.2	1151.9
40	1443.5	1328.5
45	1642.2	1523.3
50	1859.4	1737.7
55	2096.3	1973.1
60	2354.2	2231.3
65	2634.6	2514.4

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: supplier chart (A-Gas). Reference only: always verify with the manufacturer's data and your gauges.