R-424A 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	*0.4"*	*7.3"*
-35	1.8	*3.9"*
-30	4.0	*0.1"*
-25	6.4	2.0
-20	9.1	4.3
-15	12.0	6.8
-10	15.1	9.5
-5	18.6	12.6
0	22.3	15.9
5	26.4	19.5
10	30.8	23.4
15	35.6	27.7
20	40.7	32.3
25	46.2	37.3
30	52.1	42.7
35	58.4	48.6
40	**65.2**	**54.8**
45	72.5	61.5
50	80.2	68.7
55	88.4	76.4
60	97.2	84.7
65	106.5	93.5
70	116.4	102.8
75	126.8	112.8
80	137.9	123.3
85	149.6	134.5
90	162.0	146.4
95	175.0	159.0
100	**188.8**	**172.4**
105	203.2	186.5
110	218.5	201.4
115	234.5	217.1
120	251.3	233.6
125	269.0	251.1
130	287.5	269.4
135	306.9	288.7
140	327.2	309.0
145	348.5	330.4
150	370.8	352.8

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	-1.2	-24.7
-35	24.4	-3.1
-30	55.0	22.9
-25	91.0	54.1
-20	133.2	91.0
-15	182.1	134.3
-10	238.4	184.8
-5	302.9	243.3
0	376.3	310.4
5	459.4	387.0
10	552.9	473.9
15	657.7	572.1
20	774.6	682.5
25	904.4	806.0
30	1048.1	943.7
35	1206.6	1096.6
40	1380.9	1265.8
45	1571.9	1452.6
50	1780.8	1658.1
55	2008.5	1883.7
60	2256.3	2130.8
65	2525.3	2400.9

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 (). Reference only: always verify with the manufacturer's data and your gauges.