R-422D 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	2.4	*2.3″*
-35	4.7	0.8
-30	7.2	3.0
-25	9.9	5.4
-20	12.9	8.1
-15	16.2	11.0
-10	19.8	14.3
-5	23.7	17.8
0	28.0	21.7
5	32.5	25.8
10	37.5	30.4
15	42.8	35.3
20	48.5	40.7
25	54.7	46.4
30	61.3	52.6
35	68.4	59.3
40	**75.9**	**66.4**
45	84.0	74.0
50	92.6	82.2
55	101.7	90.9
60	111.4	100.2
65	121.7	110.1
70	132.6	120.7
75	144.1	131.8
80	156.3	143.7
85	169.2	156.2
90	182.7	169.5
95	197.1	183.5
100	**212.2**	**198.4**
105	228.0	214.0
110	244.7	230.5
115	262.2	247.9
120	280.6	266.2
125	300.0	285.5
130	320.2	305.8
135	341.4	327.1
140	363.7	349.6
145	387.0	373.2
150	411.4	398.1

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	16.4	-8.0
-35	45.8	17.6
-30	80.6	48.3
-25	121.5	84.8
-20	169.2	127.8
-15	224.3	178.2
-10	287.6	236.6
-5	359.8	303.8
0	441.8	380.6
5	534.3	468.0
10	638.1	566.8
15	754.2	677.9
20	883.3	802.3
25	1026.5	941.0
30	1184.6	1095.0
35	1358.7	1265.5
40	1549.8	1453.5
45	1759.0	1660.5
50	1987.5	1887.7
55	2236.5	2137.0
60	2507.5	2410.1
65	2802.1	2709.6

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