R-404A 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	4.9	4.3
-35	7.5	6.8
-30	10.3	9.6
-25	13.4	12.7
-20	16.8	16.0
-15	20.5	19.7
-10	24.6	23.6
-5	28.9	27.9
0	33.7	32.6
5	38.8	37.7
10	44.3	43.1
15	50.2	49.0
20	56.6	55.3
25	63.4	62.1
30	70.7	69.3
35	78.6	77.1
40	**86.9**	**85.4**
45	95.8	94.2
50	105.3	103.6
55	115.3	113.6
60	126.0	124.2
65	137.3	135.5
70	149.3	147.4
75	162.0	160.1
80	175.4	173.4
85	189.5	187.5
90	204.5	202.4
95	220.2	218.1
100	**236.8**	**234.6**
105	254.2	252.0
110	272.5	270.4
115	291.8	289.6
120	312.0	309.9
125	333.3	331.2
130	355.6	353.5
135	379.1	377.0
140	403.7	401.7
145	429.6	427.7
150	456.8	455.1

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	34.0	29.6
-35	67.2	62.3
-30	106.5	100.9
-25	152.4	146.2
-20	205.8	198.9
-15	267.3	259.7
-10	337.8	329.4
-5	418.0	408.9
0	508.9	499.0
5	611.1	600.5
10	725.8	714.4
15	853.7	841.6
20	995.8	983.1
25	1153.3	1139.9
30	1327.0	1313.1
35	1518.2	1503.8
40	1728.1	1713.3
45	1958.0	1943.0
50	2209.3	2194.4
55	2483.8	2469.2
60	2783.5	2769.7
65	3111.2	3099.0

Liquid = bubble point (use for subcooling). Vapor = dew point (use for superheat).
Rows every 5° plus the first and last row. Every degree is on the website.
Source: manufacturer and supplier charts (Chemours, Honeywell, Arkema, A-Gas). Reference only: always verify with the manufacturer's data and your gauges.