R-402A 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	7.4	5.7
-35	10.3	8.4
-30	13.4	11.4
-25	16.8	14.6
-20	20.5	18.2
-15	24.5	22.1
-10	28.9	26.3
-5	33.6	30.9
0	38.7	35.8
5	44.2	41.2
10	50.2	46.9
15	56.6	53.2
20	63.4	59.8
25	70.7	67.0
30	78.5	74.7
35	86.9	82.8
40	**95.8**	**91.6**
45	105.3	100.9
50	115.3	110.8
55	126.0	121.3
60	137.4	132.5
65	149.4	144.4
70	162.1	156.9
75	175.5	170.2
80	189.6	184.2
85	204.5	199.0
90	220.2	214.6
95	236.8	231.0
100	**254.2**	**248.4**
105	272.5	266.6
110	291.7	285.7
115	311.8	305.8
120	332.9	326.9
125	355.0	349.0
130	378.2	372.2
135	402.4	396.5
140	427.8	421.9
145	454.3	448.5

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	51.3	39.4
-35	87.8	74.2
-30	130.7	115.3
-25	180.7	163.5
-20	238.5	219.4
-15	305.0	283.9
-10	380.9	357.7
-5	467.0	441.8
0	564.2	536.9
5	673.3	644.0
10	795.3	764.0
15	931.1	897.9
20	1081.7	1046.7
25	1248.1	1211.4
30	1431.4	1393.1
35	1632.6	1593.0
40	1852.9	1812.2
45	2093.4	2052.1
50	2355.5	2314.0
55	2640.4	2599.1
60	2949.5	2909.1
62	3080.2	3040.4

Liquid = bubble point (use for subcooling). Vapor = dew point (use for superheat).
Table stops where the published data stops; not extrapolated.
Rows every 5° plus the first and last row. Every degree is on the website.
Source: manufacturer and supplier charts (Honeywell, Arkema, National Refrigerants). Reference only: always verify with the manufacturer's data and your gauges.