R-452B PT Chart

Saturation pressure vs temperature · Safety class A2L · Blend

°F / psig
°C / kPa

°F and psig

°F	Liquid bubble, psig	Vapor dew, psig
-40	9.7	8.7
-35	13.0	11.9
-30	16.5	15.3
-25	20.4	19.0
-20	24.7	23.1
-15	29.3	27.6
-10	34.4	32.5
-5	39.9	37.8
0	45.8	43.5
5	52.3	49.8
10	59.2	56.5
15	66.7	63.7
20	74.8	71.5
25	83.4	79.9
30	92.7	88.9
35	102.6	98.5
40	**113.2**	**108.8**
45	124.4	119.7
50	136.5	131.4
55	149.2	143.8
60	162.8	157.1
65	177.2	171.1
70	192.5	186.0
75	208.6	201.7
80	225.7	218.4
85	243.7	236.1
90	262.7	254.7
95	282.8	274.4
100	**303.9**	**295.1**
105	326.1	317.0
110	349.5	340.0
115	374.0	364.3
120	399.8	389.8
125	426.8	416.6
130	455.2	444.8
135	485.0	474.5
140	516.2	505.7
145	548.9	538.6
150	583.1	573.1

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	67.1	60.3
-35	108.7	100.4
-30	157.9	147.8
-25	215.7	203.5
-20	282.8	268.3
-15	360.4	343.2
-10	449.3	429.2
-5	550.8	527.4
0	665.8	638.8
5	795.4	764.6
10	940.9	906.0
15	1103.4	1064.2
20	1284.2	1240.4
25	1484.6	1436.1
30	1705.9	1652.7
35	1949.6	1891.7
40	2217.1	2154.7
45	2509.9	2443.6
50	2829.9	2760.3
55	3178.9	3107.2
60	3558.8	3486.9
65	3972.2	3902.9

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