R-455A PT Chart

Saturation pressure vs temperature · Safety class A2L · Blend

°F / psig
°C / kPa

°F and psig

°F	Liquid bubble, psig	Vapor dew, psig
-27	18.8	5.1
-25	20.3	6.1
-20	24.2	8.7
-15	28.5	11.7
-10	33.1	14.9
-5	38.0	18.4
0	43.3	22.2
5	49.1	26.4
10	55.2	30.9
15	61.8	35.8
20	68.8	41.1
25	76.2	46.8
30	84.2	52.9
35	92.7	59.5
40	**101.7**	**66.6**
45	111.2	74.2
50	121.3	82.3
55	131.9	91.0
60	143.2	100.3
65	155.1	110.1
70	167.6	120.6
75	180.7	131.8
80	194.6	143.6
85	209.1	156.2
90	224.3	169.5
95	240.2	183.6
100	**256.9**	**198.5**
105	274.4	214.3
110	292.6	231.0
115	311.6	248.6
120	331.4	267.2
125	352.1	286.8
130	373.6	307.4
133	386.9	320.4

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-32	137.0	39.8
-30	156.0	52.7
-25	208.7	89.2
-20	269.2	132.0
-15	338.3	182.0
-10	416.5	239.9
-5	504.7	306.6
0	603.5	382.8
5	713.8	469.5
10	836.2	567.6
15	971.5	678.2
20	1120.4	802.2
25	1283.7	940.7
30	1462.1	1094.9
35	1656.4	1266.1
40	1867.3	1455.5
45	2095.4	1664.7
50	2341.4	1895.2
55	2606.0	2149.1
56	2661.2	2202.8

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