R-717 PT Chart

Saturation pressure vs temperature · Ammonia · Safety class B2L · Single component

°F / psig
°C / kPa

°F and psig

°F	Pressure psig
-60	*18.7"*
-55	*16.6"*
-50	*14.3"*
-45	*11.7"*
-40	*8.8"*
-35	*5.4"*
-30	*1.7"*
-25	1.3
-20	3.6
-15	6.2
-10	9.0
-5	12.2
0	15.7
5	19.5
10	23.8
15	28.4
20	33.5
25	39.0
30	45.0
35	51.5
40	**58.6**
45	66.2
50	74.5
55	83.3
60	92.9
65	103.1
70	114.1
75	125.8
80	138.4
85	151.7
90	166.0
95	181.1
100	**197.2**
105	214.3
110	232.4
115	251.5
120	271.7
125	293.1
130	315.7
135	339.5
140	364.5
145	390.8
150	418.5

°C and kPa (gauge)

°C	Pressure kPa gauge
-50	-60.5
-45	-46.9
-40	-29.7
-35	-8.3
-30	18.1
-25	50.1
-20	88.7
-15	134.8
-10	189.3
-5	253.3
0	327.9
5	414.2
10	513.5
15	626.9
20	755.7
25	901.4
30	1065.2
35	1248.7
40	1453.2
45	1680.3
50	1931.6
55	2208.7
60	2513.2
65	2846.7

°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: supplier chart (A-Gas), checked against NIST. Reference only: always verify with the manufacturer's data and your gauges.