R-123 PT Chart

Saturation pressure vs temperature · Safety class B1 · Single component

°F / psig
°C / kPa

°F and psig

°F	Pressure psig
-40	*28.9″*
-35	*28.7″*
-30	*28.4″*
-25	*28.1″*
-20	*27.8″*
-15	*27.4″*
-10	*27.0″*
-5	*26.5″*
0	*25.9″*
5	*25.3″*
10	*24.6″*
15	*23.8″*
20	*22.9″*
25	*21.9″*
30	*20.8″*
35	*19.5″*
40	***18.2″***
45	*16.6″*
50	*15.0″*
55	*13.2″*
60	*11.2″*
65	*9.0″*
70	*6.6″*
75	*4.0″*
80	*1.2″*
85	0.9
90	2.5
95	4.2
100	**6.1**
105	8.1
110	10.3
115	12.6
120	15.1
125	17.7
130	20.6
135	23.6
140	26.8
145	30.2
150	33.8

°C and kPa (gauge)

°C	Pressure kPa gauge
-40	-97.7
-35	-96.4
-30	-94.6
-25	-92.3
-20	-89.3
-15	-85.6
-10	-81.1
-5	-75.5
0	-68.7
5	-60.5
10	-50.8
15	-39.2
20	-25.7
25	-10.0
30	8.3
35	29.2
40	53.1
45	80.4
50	111.1
55	145.8
60	184.6
65	227.8

°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: manufacturer and supplier charts (Arkema, National Refrigerants), checked against NIST. Reference only: always verify with the manufacturer's data and your gauges.