R-744 PT Chart

Saturation pressure vs temperature · CO2 · Safety class A1 · Single component

°F / psig
°C / kPa

°F and psig

°F	Pressure psig
-60	79.9
-55	91.1
-50	103.4
-45	116.6
-40	131.0
-35	146.5
-30	163.1
-25	181.0
-20	200.2
-15	220.8
-10	242.7
-5	266.1
0	291.0
5	317.6
10	345.7
15	375.6
20	407.2
25	440.7
30	476.1
35	513.4
40	552.9
45	594.5
50	638.3
55	684.4
60	733.1
65	784.2
70	838.1
75	894.9
80	954.9
85	1018.4
87	1044.9

°C and kPa (gauge)

°C	Pressure kPa gauge
-50	581.0
-45	730.5
-40	903.2
-35	1101.1
-30	1326.4
-25	1581.4
-20	1868.3
-15	2189.5
-10	2547.4
-5	2944.6
0	3383.8
5	3868.1
10	4400.9
15	4985.8
20	5627.7
25	6332.9
30	7112.4

Table stops just below the critical point (87.76 °F / 30.98 °C).
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.