

R-290 Pressure–Temperature Chart

REFRIGERANT R-290	COMPONENT Propane (C ₃ H ₈)	NORMAL BOILING POINT −43.8°F / −42.1°C
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Saturation Pressure

Temperature interval: 5°F · Pressure: PSIG

Temperature °F	Temperature °C	Pressure PSIG
−40	−40.0	1.4
−35	−37.2	3.5
−30	−34.4	5.7
−25	−31.7	8.1
−20	−28.9	10.7
−15	−26.1	13.6
−10	−23.3	16.7
−5	−20.6	20.1
0	−17.8	23.7
5	−15.0	27.7
10	−12.2	31.8
15	−9.4	36.4
20	−6.7	41.1
25	−3.9	46.3
30	−1.1	51.8
35	1.7	57.7

Temperature °F	Temperature °C	Pressure PSIG
40	4.4	63.9
45	7.2	70.6
50	10.0	77.6
55	12.8	85.2
60	15.6	93.0
65	18.3	101.4
70	21.1	110.2
75	23.9	119.5
80	26.7	129.3
85	29.4	139.7
90	32.2	150.5
95	35.0	162.0
100	37.8	173.9
105	40.6	186.5
110	43.3	199.6

Vapor Pressure in PSIG