

R-22 Pressure-Temperature Chart

Saturation pressure in psig · complete table from -40°F to 150°F
CoolProp 8.0.0 committed saturation data; bubble and dew columns retained separately.

-40°F – 7°F			8°F – 55°F			56°F – 103°F			104°F – 150°F		
Temp	Bubble	Dew	Temp	Bubble	Dew	Temp	Bubble	Dew	Temp	Bubble	Dew
-40°F	0.6	0.6	8°F	31.0	31.0	56°F	94.4	94.4	104°F	207.7	207.7
-39°F	1.0	1.0	9°F	31.9	31.9	57°F	96.1	96.1	105°F	210.8	210.8
-38°F	1.4	1.4	10°F	32.8	32.8	58°F	98.0	98.0	106°F	213.8	213.8
-37°F	1.8	1.8	11°F	33.8	33.8	59°F	99.8	99.8	107°F	216.9	216.9
-36°F	2.2	2.2	12°F	34.8	34.8	60°F	101.6	101.6	108°F	220.0	220.0
-35°F	2.6	2.6	13°F	35.8	35.8	61°F	103.5	103.5	109°F	223.2	223.2
-34°F	3.1	3.1	14°F	36.8	36.8	62°F	105.4	105.4	110°F	226.4	226.4
-33°F	3.5	3.5	15°F	37.8	37.8	63°F	107.3	107.3	111°F	229.6	229.6
-32°F	4.0	4.0	16°F	38.8	38.8	64°F	109.3	109.3	112°F	232.8	232.8
-31°F	4.5	4.5	17°F	39.9	39.9	65°F	111.2	111.2	113°F	236.1	236.1
-30°F	4.9	4.9	18°F	40.9	40.9	66°F	113.2	113.2	114°F	239.4	239.4
-29°F	5.4	5.4	19°F	42.0	42.0	67°F	115.3	115.3	115°F	242.8	242.8
-28°F	5.9	5.9	20°F	43.1	43.1	68°F	117.3	117.3	116°F	246.1	246.1
-27°F	6.4	6.4	21°F	44.2	44.2	69°F	119.4	119.4	117°F	249.5	249.5
-26°F	6.9	6.9	22°F	45.3	45.3	70°F	121.4	121.4	118°F	253.0	253.0
-25°F	7.4	7.4	23°F	46.5	46.5	71°F	123.5	123.5	119°F	256.4	256.4
-24°F	8.0	8.0	24°F	47.6	47.6	72°F	125.7	125.7	120°F	260.0	260.0
-23°F	8.5	8.5	25°F	48.8	48.8	73°F	127.8	127.8	121°F	263.5	263.5
-22°F	9.1	9.1	26°F	50.0	50.0	74°F	130.0	130.0	122°F	267.1	267.1
-21°F	9.6	9.6	27°F	51.2	51.2	75°F	132.2	132.2	123°F	270.7	270.7
-20°F	10.2	10.2	28°F	52.4	52.4	76°F	134.5	134.5	124°F	274.3	274.3
-19°F	10.8	10.8	29°F	53.7	53.7	77°F	136.7	136.7	125°F	278.0	278.0
-18°F	11.4	11.4	30°F	55.0	55.0	78°F	139.0	139.0	126°F	281.7	281.7
-17°F	12.0	12.0	31°F	56.2	56.2	79°F	141.3	141.3	127°F	285.4	285.4
-16°F	12.6	12.6	32°F	57.5	57.5	80°F	143.6	143.6	128°F	289.2	289.2
-15°F	13.2	13.2	33°F	58.8	58.8	81°F	146.0	146.0	129°F	293.0	293.0
-14°F	13.9	13.9	34°F	60.2	60.2	82°F	148.4	148.4	130°F	296.9	296.9
-13°F	14.5	14.5	35°F	61.5	61.5	83°F	150.8	150.8	131°F	300.8	300.8
-12°F	15.2	15.2	36°F	62.9	62.9	84°F	153.2	153.2	132°F	304.7	304.7
-11°F	15.9	15.9	37°F	64.3	64.3	85°F	155.7	155.7	133°F	308.6	308.6
-10°F	16.5	16.5	38°F	65.7	65.7	86°F	158.2	158.2	134°F	312.6	312.6
-9°F	17.2	17.2	39°F	67.1	67.1	87°F	160.7	160.7	135°F	316.7	316.7
-8°F	17.9	17.9	40°F	68.6	68.6	88°F	163.2	163.2	136°F	320.7	320.7
-7°F	18.7	18.7	41°F	70.0	70.0	89°F	165.8	165.8	137°F	324.8	324.8
-6°F	19.4	19.4	42°F	71.5	71.5	90°F	168.4	168.4	138°F	329.0	329.0
-5°F	20.1	20.1	43°F	73.0	73.0	91°F	171.0	171.0	139°F	333.2	333.2
-4°F	20.9	20.9	44°F	74.5	74.5	92°F	173.7	173.7	140°F	337.4	337.4
-3°F	21.7	21.7	45°F	76.1	76.1	93°F	176.4	176.4	141°F	341.6	341.6
-2°F	22.4	22.4	46°F	77.6	77.6	94°F	179.1	179.1	142°F	345.9	345.9
-1°F	23.2	23.2	47°F	79.2	79.2	95°F	181.8	181.8	143°F	350.3	350.3
0°F	24.0	24.0	48°F	80.8	80.8	96°F	184.6	184.6	144°F	354.6	354.6
1°F	24.9	24.9	49°F	82.4	82.4	97°F	187.4	187.4	145°F	359.0	359.0
2°F	25.7	25.7	50°F	84.1	84.1	98°F	190.2	190.2	146°F	363.5	363.5
3°F	26.5	26.5	51°F	85.7	85.7	99°F	193.0	193.0	147°F	368.0	368.0
4°F	27.4	27.4	52°F	87.4	87.4	100°F	195.9	195.9	148°F	372.5	372.5
5°F	28.3	28.3	53°F	89.1	89.1	101°F	198.8	198.8	149°F	377.1	377.1
6°F	29.2	29.2	54°F	90.8	90.8	102°F	201.8	201.8	150°F	381.7	381.7
7°F	30.1	30.1	55°F	92.6	92.6	103°F	204.7	204.7			

Source: CoolProp 8.0.0 committed saturation data; bubble and dew columns retained separately.
Range: -40°F through 150°F, one-degree increments. Intermediate lookup values are linearly interpolated; no extrapolation is provided.
Reference for servicing existing R-22 systems only. This chart is not a charging target or a substitute for equipment instructions.
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