



# R22 Pressure-Temperature Chart

Saturation Pressure-Temperature Data for R22 (psig)\*

Temp (°F)	Pressure (psig)	Temp (°C)	Temp (°F)	Pressure (psig)	Temp (°C)	Temp (°F)	Pressure (psig)	Temp (°C)	Temp (°F)	Pressure (psig)	Temp (°C)
-49	<i>5.4</i>	-45	1	24.9	-17.2	51	85.7	10.6	101	198.8	38.3
-48	<i>4.8</i>	-44.4	2	25.7	-16.7	52	87.4	11.1	102	201.8	38.9
-47	<i>4.1</i>	-43.9	3	26.5	-16.1	53	89.1	11.7	103	204.7	39.4
-46	<i>3.4</i>	-43.3	4	27.4	-15.6	54	90.8	12.2	104	207.7	40
-45	<i>2.7</i>	-42.8	5	28.3	-15	55	92.6	12.8	105	210.8	40.6
-44	<i>1.9</i>	-42.2	6	29.2	-14.4	56	94.4	13.3	106	213.8	41.1
-43	<i>1.2</i>	-41.7	7	30.1	-13.9	57	96.1	13.9	107	216.9	41.7
-42	<i>0.4</i>	-41.1	8	31	-13.3	58	98	14.4	108	220	42.2
-41	0.2	-40.6	9	31.9	-12.8	59	99.8	15	109	223.2	42.8
-40	0.6	-40	10	32.8	-12.2	60	101.6	15.6	110	226.4	43.3
-39	1	-39.4	11	33.8	-11.7	61	103.5	16.1	111	229.6	43.9
-38	1.4	-38.9	12	34.8	-11.1	62	105.4	16.7	112	232.8	44.4
-37	1.8	-38.3	13	35.8	-10.6	63	107.3	17.2	113	236.1	45
-36	2.2	-37.8	14	36.8	-10	64	109.3	17.8	114	239.4	45.6
-35	2.6	-37.2	15	37.8	-9.4	65	111.3	18.3	115	242.8	46.1
-34	3.1	-36.7	16	38.8	-8.9	66	113.2	18.9	116	246.1	46.7
-33	3.5	-36.1	17	39.9	-8.3	67	115.3	19.4	117	249.5	47.2
-32	4	-35.6	18	40.9	-7.8	68	117.3	20	118	253	47.8
-31	4.5	-35	19	42	-7.2	69	119.4	20.6	119	256.5	48.3
-30	4.9	-34.4	20	43.1	-6.7	70	121.4	21.1	120	260	48.9
-29	5.4	-33.9	21	44.2	-6.1	71	123.6	21.7	121	263.5	49.4
-28	5.9	-33.3	22	45.3	-5.6	72	125.7	22.2	122	267.1	50
-27	6.4	-32.8	23	46.5	-5	73	127.8	22.8	123	270.7	50.6
-26	6.9	-32.2	24	47.6	-4.4	74	130	23.3	124	274.3	51.1
-25	7.4	-31.7	25	48.8	-3.9	75	132.2	23.9	125	278	51.7
-24	8	-31.1	26	50	-3.3	76	134.5	24.4	126	281.7	52.2
-23	8.5	-30.6	27	51.2	-2.8	77	136.7	25	127	285.4	52.8
-22	9.1	-30	28	52.4	-2.2	78	139	25.6	128	289.2	53.3
-21	9.6	-29.4	29	53.7	-1.7	79	141.3	26.1	129	293	53.9
-20	10.2	-28.9	30	55	-1.1	80	143.6	26.7	130	296.9	54.4
-19	10.8	-28.3	31	56.2	-0.6	81	146	27.2	131	300.8	55
-18	11.4	-27.8	32	57.5	0	82	148.4	27.8	132	304.7	55.6
-17	12	-27.2	33	58.8	0.6	83	150.8	28.3	133	308.7	56.1
-16	12.6	-26.7	34	60.2	1.1	84	153.2	28.9	134	312.6	56.7
-15	13.2	-26.1	35	61.5	1.7	85	155.7	29.4	135	316.7	57.2
-14	13.9	-25.6	36	62.9	2.2	86	158.2	30	136	320.7	57.8
-13	14.5	-25	37	64.3	2.8	87	160.7	30.6	137	324.8	58.3
-12	15.2	-24.4	38	65.7	3.3	88	163.2	31.1	138	329	58.9
-11	15.9	-23.9	39	67.1	3.9	89	165.8	31.7	139	333.2	59.4
-10	16.5	-23.3	40	68.6	4.4	90	168.4	32.2	140	337.4	60
-9	17.2	-22.8	41	70	5	91	171	32.8	141	341.6	60.6
-8	17.9	-22.2	42	71.5	5.6	92	173.7	33.3	142	345.9	61.1
-7	18.7	-21.7	43	73	6.1	93	176.4	33.9	143	350.3	61.7
-6	19.4	-21.1	44	74.5	6.7	94	179.1	34.4	144	354.6	62.2
-5	20.1	-20.6	45	76.1	7.2	95	181.8	35	145	359	62.8
-4	20.9	-20	46	77.6	7.8	96	184.6	35.6	146	363.5	63.3
-3	21.7	-19.4	47	79.2	8.3	97	187.4	36.1	147	368	63.9
-2	22.4	-18.9	48	80.8	8.9	98	190.2	36.7	148	372.5	64.4
-1	23.2	-18.3	49	82.4	9.4	99	193	37.2	149	377.1	65
0	24	-17.8	50	84.1	10	100	195.9	37.8	150	381.7	65.6

\*Red Italics Indicate Inches of Mercury Below Atmospheric Pressure