



Refrigerant Guys PT – Chart R134a

Saturation Pressure-Temperature Data for R-134a (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>18.4</i>	-45.0	1	7.0	-17.2	51	46.6	10.6	101	126.3	38.3
-48	<i>18.0</i>	-44.4	2	7.5	-16.7	52	47.7	11.1	102	128.4	38.9
-47	<i>17.6</i>	-43.9	3	8.0	-16.1	53	48.9	11.7	103	130.6	39.4
-46	<i>17.3</i>	-43.3	4	8.5	-15.6	54	50.0	12.2	104	132.8	40.0
-45	<i>16.9</i>	-42.8	5	9.1	-15.0	55	51.2	12.8	105	135.0	40.6
-44	<i>16.5</i>	-42.2	6	9.6	-14.4	56	52.4	13.3	106	137.2	41.1
-43	<i>16.1</i>	-41.7	7	10.2	-13.9	57	53.6	13.9	107	139.5	41.7
-42	<i>15.7</i>	-41.1	8	10.8	-13.3	58	54.9	14.4	108	141.7	42.2
-41	<i>15.2</i>	-40.6	9	11.3	-12.8	59	56.1	15.0	109	144.0	42.8
-40	<i>14.8</i>	-40.0	10	11.9	-12.2	60	57.4	15.6	110	146.4	43.3
-39	<i>14.4</i>	-39.4	11	12.5	-11.7	61	58.7	16.1	111	148.7	43.9
-38	<i>13.9</i>	-38.9	12	13.1	-11.1	62	60.0	16.7	112	151.1	44.4
-37	<i>13.4</i>	-38.3	13	13.8	-10.6	63	61.3	17.2	113	153.5	45.0
-36	<i>13.0</i>	-37.8	14	14.4	-10.0	64	62.7	17.8	114	156.0	45.6
-35	<i>12.5</i>	-37.2	15	15.0	-9.4	65	64.0	18.3	115	158.4	46.1
-34	<i>12.0</i>	-36.7	16	15.7	-8.9	66	65.4	18.9	116	160.9	46.7
-33	<i>11.4</i>	-36.1	17	16.4	-8.3	67	66.8	19.4	117	163.5	47.2
-32	<i>10.9</i>	-35.6	18	17.0	-7.8	68	68.2	20.0	118	166.0	47.8
-31	<i>10.4</i>	-35.0	19	17.7	-7.2	69	69.7	20.6	119	168.6	48.3
-30	<i>9.8</i>	-34.4	20	18.4	-6.7	70	71.1	21.1	120	171.2	48.9
-29	<i>9.3</i>	-33.9	21	19.1	-6.1	71	72.6	21.7	121	173.8	49.4
-28	<i>8.7</i>	-33.3	22	19.9	-5.6	72	74.1	22.2	122	176.5	50.0
-27	<i>8.1</i>	-32.8	23	20.6	-5.0	73	75.6	22.8	123	179.1	50.6
-26	<i>7.5</i>	-32.2	24	21.3	-4.4	74	77.1	23.3	124	181.8	51.1
-25	<i>6.9</i>	-31.7	25	22.1	-3.9	75	78.7	23.9	125	184.6	51.7
-24	<i>6.3</i>	-31.1	26	22.9	-3.3	76	80.2	24.4	126	187.4	52.2
-23	<i>5.7</i>	-30.6	27	23.7	-2.8	77	81.8	25.0	127	190.2	52.8
-22	<i>5.0</i>	-30.0	28	24.5	-2.2	78	83.4	25.6	128	193.0	53.3
-21	<i>4.3</i>	-29.4	29	25.3	-1.7	79	85.0	26.1	129	195.8	53.9
-20	<i>3.7</i>	-28.9	30	26.1	-1.1	80	86.7	26.7	130	198.7	54.4
-19	<i>3.0</i>	-28.3	31	26.9	-0.6	81	88.4	27.2	131	201.6	55.0
-18	<i>2.3</i>	-27.8	32	27.8	0.0	82	90.0	27.8	132	204.6	55.6
-17	<i>1.5</i>	-27.2	33	28.6	0.6	83	91.8	28.3	133	207.6	56.1
-16	<i>0.8</i>	-26.7	34	29.5	1.1	84	93.5	28.9	134	210.6	56.7
-15	<i>0.1</i>	-26.1	35	30.4	1.7	85	95.2	29.4	135	213.6	57.2
-14	0.4	-25.6	36	31.3	2.2	86	97.0	30.0	136	216.7	57.8
-13	0.7	-25.0	37	32.2	2.8	87	98.8	30.6	137	219.8	58.3
-12	1.1	-24.4	38	33.1	3.3	88	100.6	31.1	138	222.9	58.9
-11	1.5	-23.9	39	34.1	3.9	89	102.5	31.7	139	226.0	59.4
-10	1.9	-23.3	40	35.0	4.4	90	104.3	32.2	140	229.2	60.0
-9	2.4	-22.8	41	36.0	5.0	91	106.2	32.8	141	232.5	60.6
-8	2.8	-22.2	42	37.0	5.6	92	108.1	33.3	142	235.7	61.1
-7	3.2	-21.7	43	38.0	6.1	93	110.0	33.9	143	239.0	61.7
-6	3.6	-21.1	44	39.0	6.7	94	112.0	34.4	144	242.3	62.2
-5	4.1	-20.6	45	40.1	7.2	95	114.0	35.0	145	245.7	62.8
-4	4.6	-20.0	46	41.1	7.8	96	115.9	35.6	146	249.1	63.3
-3	5.0	-19.4	47	42.2	8.3	97	118.0	36.1	147	252.5	63.9
-2	5.5	-18.9	48	43.2	8.9	98	120.0	36.7	148	255.9	64.4
-1	6.0	-18.3	49	44.3	9.4	99	122.1	37.2	149	259.4	65.0
0	6.5	-17.8	50	45.4	10.0	100	124.2	37.8	150	262.9	65.6

*Red Italics Indicate Inches of Mercury Below Atmospheric Pressure