

Saturation Pressure-Temperature Data for R-408A (psig)*

Temp. (°F)	Pressure Liquid	Pressure Vapor	Temp. (°C)	Temp. (°F)	Pressure Liquid	Pressure Vapor	Temp. (°C)	Temp. (°F)	Pressure Liquid	Pressure Vapor	Temp. (°C)	Temp. (°F)	Pressure Liquid	Pressure Vapor	Temp. (°C)
-49	<i>0.6</i>	<i>1.2</i>	-45.0	1	31.0	30.4	-17.2	51	98.6	97.5	10.6	101	222.3	220.8	38.3
-48	0.1	<i>0.5</i>	-44.4	2	32.0	31.3	-16.7	52	100.5	99.4	11.1	102	225.5	224.0	38.9
-47	0.5	0.2	-43.9	3	32.9	32.3	-16.1	53	102.4	101.3	11.7	103	228.8	227.2	39.4
-46	0.9	0.6	-43.3	4	33.9	33.2	-15.6	54	104.3	103.1	12.2	104	232.0	230.5	40.0
-45	1.3	1.0	-42.8	5	34.9	34.2	-15.0	55	106.2	105.1	12.8	105	235.3	233.8	40.6
-44	1.7	1.4	-42.2	6	35.9	35.2	-14.4	56	108.1	107.0	13.3	106	238.7	237.1	41.1
-43	2.1	1.8	-41.7	7	36.9	36.2	-13.9	57	110.1	108.9	13.9	107	242.0	240.5	41.7
-42	2.6	2.2	-41.1	8	37.9	37.2	-13.3	58	112.1	110.9	14.4	108	245.4	243.9	42.2
-41	3.0	2.7	-40.6	9	39.0	38.2	-12.8	59	114.1	112.9	15.0	109	248.9	247.3	42.8
-40	3.5	3.1	-40.0	10	40.0	39.3	-12.2	60	116.1	115.0	15.6	110	252.3	250.7	43.3
-39	3.9	3.5	-39.4	11	41.1	40.3	-11.7	61	118.2	117.0	16.1	111	255.8	254.2	43.9
-38	4.4	4.0	-38.9	12	42.2	41.4	-11.1	62	120.3	119.1	16.7	112	259.4	257.8	44.4
-37	4.9	4.5	-38.3	13	43.3	42.5	-10.6	63	122.4	121.2	17.2	113	263.0	261.3	45.0
-36	5.3	5.0	-37.8	14	44.4	43.6	-10.0	64	124.5	123.3	17.8	114	266.6	264.9	45.6
-35	5.8	5.5	-37.2	15	45.5	44.8	-9.4	65	126.7	125.5	18.3	115	270.2	268.6	46.1
-34	6.3	6.0	-36.7	16	46.7	45.9	-8.9	66	128.8	127.6	18.9	116	273.9	272.2	46.7
-33	6.9	6.5	-36.1	17	47.8	47.1	-8.3	67	131.1	129.8	19.4	117	277.6	275.9	47.2
-32	7.4	7.0	-35.6	18	49.0	48.2	-7.8	68	133.3	132.1	20.0	118	281.3	279.7	47.8
-31	7.9	7.5	-35.0	19	50.2	49.4	-7.2	69	135.5	134.3	20.6	119	285.1	283.4	48.3
-30	8.5	8.0	-34.4	20	51.5	50.7	-6.7	70	137.8	136.6	21.1	120	288.9	287.3	48.9
-29	9.0	8.6	-33.9	21	52.7	51.9	-6.1	71	140.1	138.9	21.7	121	292.8	291.1	49.4
-28	9.6	9.2	-33.3	22	54.0	53.1	-5.6	72	142.5	141.2	22.2	122	296.7	295.0	50.0
-27	10.2	9.7	-32.8	23	55.2	54.4	-5.0	73	144.8	143.6	22.8	123	300.6	298.9	50.6
-26	10.8	10.3	-32.2	24	56.5	55.7	-4.4	74	147.2	145.9	23.3	124	304.6	302.9	51.1
-25	11.3	10.9	-31.7	25	57.8	57.0	-3.9	75	149.6	148.3	23.9	125	308.6	306.9	51.7
-24	12.0	11.5	-31.1	26	59.1	58.3	-3.3	76	152.1	150.8	24.4	126	312.6	310.9	52.2
-23	12.6	12.1	-30.6	27	60.5	59.6	-2.8	77	154.5	153.2	25.0	127	316.7	315.0	52.8
-22	13.2	12.7	-30.0	28	61.9	61.0	-2.2	78	157.0	155.7	25.6	128	320.8	319.1	53.3
-21	13.8	13.4	-29.4	29	63.2	62.4	-1.7	79	159.6	158.2	26.1	129	325.0	323.2	53.9
-20	14.5	14.0	-28.9	30	64.6	63.7	-1.1	80	162.1	160.8	26.7	130	329.2	327.4	54.4
-19	15.2	14.7	-28.3	31	66.1	65.2	-0.6	81	164.7	163.3	27.2	131	333.4	331.7	55.0
-18	15.8	15.3	-27.8	32	67.5	66.6	0.0	82	167.3	165.9	27.8	132	337.7	335.9	55.6
-17	16.5	16.0	-27.2	33	68.9	68.0	0.6	83	169.9	168.6	28.3	133	342.0	340.2	56.1
-16	17.2	16.7	-26.7	34	70.4	69.5	1.1	84	172.6	171.2	28.9	134	346.3	344.6	56.7
-15	17.9	17.4	-26.1	35	71.9	71.0	1.7	85	175.3	173.9	29.4	135	350.7	349.0	57.2
-14	18.7	18.1	-25.6	36	73.4	72.5	2.2	86	178.0	176.6	30.0	136	355.2	353.4	57.8
-13	19.4	18.8	-25.0	37	75.0	74.0	2.8	87	180.7	179.3	30.6	137	359.6	357.9	58.3
-12	20.1	19.6	-24.4	38	76.5	75.6	3.3	88	183.5	182.1	31.1	138	364.2	362.4	58.9
-11	20.9	20.3	-23.9	39	78.1	77.1	3.9	89	186.3	184.9	31.7	139	368.7	366.9	59.4
-10	21.7	21.1	-23.3	40	79.7	78.7	4.4	90	189.2	187.7	32.2	140	373.3	371.5	60.0
-9	22.5	21.9	-22.8	41	81.3	80.3	5.0	91	192.0	190.6	32.8	141	378.0	376.2	60.6
-8	23.3	22.7	-22.2	42	82.9	81.9	5.6	92	194.9	193.5	33.3	142	382.6	380.9	61.1
-7	24.1	23.5	-21.7	43	84.6	83.6	6.1	93	197.8	196.4	33.9	143	387.4	385.6	61.7
-6	24.9	24.3	-21.1	44	86.3	85.3	6.7	94	200.8	199.3	34.4	144	392.1	390.4	62.2
-5	25.7	25.1	-20.6	45	88.0	87.0	7.2	95	203.8	202.3	35.0	145	397.0	395.2	62.8
-4	26.6	26.0	-20.0	46	89.7	88.7	7.8	96	206.8	205.3	35.6	146	401.8	400.0	63.3
-3	27.4	26.8	-19.4	47	91.4	90.4	8.3	97	209.8	208.3	36.1	147	406.7	404.9	63.9
-2	28.3	27.7	-18.9	48	93.2	92.2	8.9	98	212.9	211.4	36.7	148	411.7	409.9	64.4
-1	29.2	28.6	-18.3	49	95.0	93.9	9.4	99	216.0	214.5	37.2	149	416.7	414.9	65.0
0	30.1	29.5	-17.8	50	96.8	95.7	10.0	100	219.2	217.6	37.8	150	421.7	419.9	65.6

*Red Italics Indicate Inches of Mercury Below Atmospheric Pressure

This data was generated using the NIST REFPROP Database

(Lemmon, E.W., Huber, M.L., McLinden, M.O. NIST Standard Reference Database 23: Reference Fluid Thermodynamic and Transport Properties-REFPROP, Version 9.0, National Institute of Standards and Technology, Standard Reference Data Program, Gaithersburg, 2010)