

R437A Pressure Temperature Chart

R437A Temperature (°C)	Liquid			Vapour		
	Pressure (barA)	Pressure (barg)	Pressure (psig)	Pressure (barA)	Pressure (barg)	Pressure (psig)
-70	0.12	-0.89	-12.88	0.09	-0.93	-13.42
-68	0.14	-0.87	-12.62	0.10	-0.91	-13.23
-66	0.16	-0.85	-12.33	0.12	-0.90	-13.00
-64	0.18	-0.83	-12.01	0.13	-0.88	-12.75
-62	0.21	-0.80	-11.66	0.15	-0.86	-12.47
-60	0.24	-0.78	-11.26	0.17	-0.84	-12.16
-58	0.27	-0.75	-10.82	0.20	-0.81	-11.81
-56	0.30	-0.71	-10.34	0.22	-0.79	-11.43
-54	0.34	-0.68	-9.82	0.25	-0.76	-11.00
-52	0.38	-0.64	-9.24	0.29	-0.73	-10.53
-50	0.42	-0.59	-8.60	0.32	-0.69	-10.01
-48	0.47	-0.55	-7.91	0.36	-0.65	-9.43
-46	0.52	-0.49	-7.15	0.41	-0.61	-8.81
-44	0.58	-0.44	-6.33	0.45	-0.56	-8.12
-42	0.64	-0.38	-5.44	0.50	-0.51	-7.37
-40	0.70	-0.31	-4.48	0.56	-0.45	-6.55
-38	0.78	-0.24	-3.43	0.62	-0.39	-5.66
-36	0.85	-0.16	-2.30	0.69	-0.32	-4.69
-34	0.94	-0.08	-1.09	0.76	-0.25	-3.64
-32	1.03	0.02	0.22	0.84	-0.17	-2.51
-30	1.13	0.11	1.63	0.92	-0.09	-1.28
-28	1.23	0.22	3.13	1.02	0.00	0.03
-26	1.34	0.33	4.75	1.11	0.10	1.46
-24	1.46	0.45	6.48	1.22	0.21	2.98
-22	1.59	0.57	8.33	1.33	0.32	4.62
-20	1.72	0.71	10.30	1.45	0.44	6.38
-18	1.87	0.86	12.40	1.58	0.57	8.26
-16	2.02	1.01	14.63	1.72	0.71	10.26
-14	2.19	1.17	17.01	1.87	0.86	12.40
-12	2.36	1.35	19.53	2.03	1.01	14.69
-10	2.54	1.53	22.21	2.19	1.18	17.11
-8	2.74	1.73	25.04	2.37	1.36	19.70
-6	2.95	1.93	28.04	2.56	1.55	22.44
-4	3.17	2.15	31.21	2.76	1.75	25.34
-2	3.40	2.38	34.55	2.97	1.96	28.42
0	3.64	2.63	38.08	3.20	2.18	31.68
2	3.90	2.88	41.80	3.44	2.42	35.12
4	4.17	3.15	45.72	3.69	2.67	38.75
6	4.45	3.44	49.84	3.95	2.94	42.59
8	4.75	3.74	54.17	4.23	3.22	46.63
10	5.06	4.05	58.71	4.52	3.51	50.89
12	5.39	4.38	63.48	4.83	3.82	55.36



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14	5.74	4.72	68.48	5.16	4.14	60.07
16	6.10	5.08	73.72	5.50	4.48	65.01
18	6.48	5.46	79.21	5.85	4.84	70.20
20	6.87	5.86	84.95	6.23	5.22	75.64
22	7.28	6.27	90.94	6.62	5.61	81.33
24	7.72	6.70	97.21	7.03	6.02	87.30
26	8.17	7.15	103.75	7.46	6.45	93.54
28	8.64	7.63	110.57	7.91	6.90	100.06
30	9.13	8.12	117.68	8.38	7.37	106.88
32	9.64	8.63	125.09	8.88	7.86	114.00
34	10.17	9.16	132.81	9.39	8.37	121.43
36	10.73	9.71	140.84	9.92	8.91	129.17
38	11.30	10.29	149.19	10.48	9.47	137.24
40	11.90	10.89	157.88	11.06	10.05	145.65
42	12.52	11.51	166.91	11.66	10.65	154.41
44	13.17	12.16	176.28	12.29	11.28	163.53
46	13.84	12.83	186.01	12.94	11.93	173.00
48	14.54	13.53	196.11	13.62	12.61	182.86
50	15.26	14.25	206.58	14.33	13.32	193.10
52	16.01	15.00	217.44	15.06	14.05	203.73
54	16.79	15.77	228.69	15.83	14.81	214.77
56	17.59	16.58	240.35	16.62	15.60	226.24
58	18.42	17.41	252.42	17.44	16.42	238.13
60	19.28	18.27	264.92	18.29	17.27	250.47
62	20.17	19.16	277.83	19.17	18.16	263.26
64	21.10	20.08	291.22	20.08	19.07	276.53
66	22.05	21.04	305.05	21.03	20.02	290.28
68	23.04	22.02	319.35	22.02	21.00	304.53
70	24.06	23.04	334.14	23.03	22.02	319.29

The information contained within this website is for guidance only, for further system specific advice please call A-Gas directly.



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