

R442A Pressure Temperature Chart

R442A Temperature (°C)	Liquid			Vapour		
	Pressure (barA)	Pressure (barg)	Pressure (psig)	Pressure (barA)	Pressure (barg)	Pressure (psig)
-70	0.27	-0.74	-10.71	0.17	-0.84	-12.20
-68	0.31	-0.70	-10.19	0.20	-0.82	-11.83
-66	0.35	-0.66	-9.60	0.23	-0.79	-11.42
-64	0.40	-0.62	-8.96	0.26	-0.76	-10.96
-62	0.44	-0.57	-8.25	0.29	-0.72	-10.45
-60	0.50	-0.52	-7.47	0.33	-0.68	-9.88
-58	0.56	-0.46	-6.62	0.37	-0.64	-9.26
-56	0.62	-0.39	-5.69	0.42	-0.59	-8.56
-54	0.69	-0.32	-4.68	0.47	-0.54	-7.80
-52	0.77	-0.25	-3.57	0.53	-0.48	-6.97
-50	0.85	-0.16	-2.37	0.60	-0.42	-6.05
-48	0.94	-0.07	-1.07	0.66	-0.35	-5.06
-46	1.04	0.02	0.33	0.74	-0.27	-3.97
-44	1.14	0.13	1.85	0.82	-0.19	-2.78
-42	1.25	0.24	3.49	0.91	-0.10	-1.49
-40	1.38	0.36	5.25	1.01	-0.01	-0.10
-38	1.51	0.49	7.15	1.11	0.10	1.42
-36	1.65	0.63	9.18	1.22	0.21	3.05
-34	1.80	0.78	11.36	1.34	0.33	4.81
-32	1.96	0.94	13.69	1.48	0.46	6.70
-30	2.13	1.12	16.18	1.62	0.60	8.74
-28	2.31	1.30	18.83	1.77	0.75	10.92
-26	2.51	1.49	21.66	1.93	0.91	13.26
-24	2.71	1.70	24.67	2.10	1.09	15.77
-22	2.94	1.92	27.87	2.29	1.27	18.45
-20	3.17	2.16	31.27	2.48	1.47	21.30
-18	3.42	2.40	34.87	2.69	1.68	24.34
-16	3.68	2.67	38.68	2.92	1.90	27.58
-14	3.96	2.95	42.71	3.15	2.14	31.02
-12	4.25	3.24	46.97	3.40	2.39	34.68
-10	4.56	3.55	51.46	3.67	2.66	38.55
-8	4.89	3.88	56.20	3.95	2.94	42.66
-6	5.23	4.22	61.19	4.25	3.24	47.00
-4	5.60	4.58	66.45	4.57	3.56	51.59
-2	5.98	4.96	71.97	4.91	3.89	56.44
0	6.38	5.36	77.77	5.26	4.24	61.55
2	6.80	5.78	83.87	5.63	4.62	66.94
4	7.24	6.22	90.25	6.02	5.01	72.61
6	7.70	6.69	96.95	6.43	5.42	78.58
8	8.18	7.17	103.96	6.87	5.85	84.86
10	8.69	7.68	111.29	7.32	6.31	91.45
12	9.22	8.20	118.96	7.80	6.78	98.37



A-Gas (UK) Ltd
 Banyard Road, Portbury West, Bristol BS20 7XH
 T (0) 1275 376600 F (0) 1275 376601
info.uk@agas.com www.agas.com

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14	9.77	8.76	126.97	8.30	7.28	105.62
16	10.35	9.33	135.33	8.82	7.81	113.22
18	10.95	9.94	144.06	9.37	8.36	121.19
20	11.58	10.56	153.15	9.95	8.93	129.52
22	12.23	11.22	162.62	10.55	9.53	138.23
24	12.91	11.90	172.49	11.18	10.16	147.35
26	13.62	12.60	182.76	11.83	10.82	156.86
28	14.35	13.34	193.44	12.52	11.50	166.79
30	15.12	14.11	204.55	13.23	12.22	177.15
32	15.92	14.90	216.08	13.98	12.96	187.96
34	16.74	15.73	228.06	14.75	13.74	199.23
36	17.60	16.59	240.48	15.56	14.55	210.96
38	18.49	17.48	253.39	16.41	15.39	223.18
40	19.41	18.40	266.76	17.28	16.27	235.90
42	20.37	19.35	280.62	18.20	17.18	249.14
44	21.36	20.34	294.96	19.15	18.13	262.91
46	22.38	21.37	309.84	20.13	19.12	277.23
48	23.44	22.43	325.21	21.16	20.15	292.12
50	24.54	23.53	341.13	22.23	21.21	307.59
52	25.67	24.66	357.58	23.34	22.32	323.67
54	26.85	25.84	374.61	24.49	23.47	340.36
56	28.06	27.05	392.20	25.68	24.67	357.72
58	29.32	28.30	410.38	26.93	25.91	375.74
60	30.61	29.60	429.14	28.22	27.20	394.46
62	31.95	30.93	448.53	29.56	28.55	413.92
64	33.33	32.31	468.52	30.95	29.94	434.13
66	34.75	33.74	489.16	32.40	31.39	455.16
68	36.22	35.20	510.43	33.91	32.90	477.02
70	37.73	36.72	532.37	35.48	34.47	499.79

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



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