

R448A (N40) Pressure Temperature Chart

R448A Temperature (°C)	Liquid			Vapour		
	Pressure (barA)	Pressure (barg)	Pressure (psig)	Pressure (barA)	Pressure (barg)	Pressure (psig)
-70	0.25	-0.76	-11.03	0.17	-0.84	-12.25
-68	0.29	-0.73	-10.54	0.19	-0.82	-11.89
-66	0.32	-0.69	-10.00	0.22	-0.79	-11.50
-64	0.36	-0.65	-9.40	0.25	-0.76	-11.06
-62	0.41	-0.60	-8.75	0.28	-0.73	-10.58
-60	0.46	-0.55	-8.03	0.32	-0.69	-10.04
-58	0.51	-0.50	-7.24	0.36	-0.65	-9.45
-56	0.57	-0.44	-6.38	0.41	-0.61	-8.80
-54	0.64	-0.38	-5.44	0.46	-0.56	-8.08
-52	0.71	-0.30	-4.42	0.51	-0.50	-7.29
-50	0.79	-0.23	-3.30	0.57	-0.44	-6.43
-48	0.87	-0.14	-2.10	0.63	-0.38	-5.50
-46	0.96	-0.05	-0.80	0.70	-0.31	-4.48
-44	1.06	0.04	0.61	0.78	-0.23	-3.37
-42	1.16	0.15	2.13	0.86	-0.15	-2.16
-40	1.27	0.26	3.77	0.95	-0.06	-0.86
-38	1.39	0.38	5.52	1.05	0.04	0.55
-36	1.52	0.51	7.41	1.16	0.14	2.07
-34	1.66	0.65	9.43	1.27	0.26	3.71
-32	1.81	0.80	11.59	1.39	0.38	5.47
-30	1.97	0.96	13.90	1.52	0.51	7.36
-28	2.14	1.13	16.36	1.66	0.65	9.38
-26	2.32	1.31	18.99	1.81	0.80	11.55
-24	2.52	1.50	21.78	1.97	0.96	13.87
-22	2.72	1.71	24.75	2.14	1.13	16.35
-20	2.94	1.92	27.90	2.32	1.31	18.99
-18	3.17	2.15	31.24	2.52	1.50	21.80
-16	3.41	2.40	34.77	2.72	1.71	24.79
-14	3.67	2.66	38.51	2.94	1.93	27.97
-12	3.94	2.93	42.47	3.17	2.16	31.34
-10	4.23	3.22	46.64	3.42	2.41	34.91
-8	4.53	3.52	51.04	3.68	2.67	38.69
-6	4.85	3.84	55.67	3.96	2.94	42.69
-4	5.19	4.18	60.55	4.25	3.24	46.91
-2	5.54	4.53	65.67	4.56	3.54	51.37
0	5.91	4.90	71.06	4.88	3.87	56.07
2	6.30	5.29	76.71	5.22	4.21	61.02
4	6.71	5.70	82.64	5.58	4.57	66.24
6	7.14	6.13	88.85	5.96	4.95	71.72
8	7.59	6.58	95.35	6.36	5.34	77.48
10	8.06	7.05	102.15	6.77	5.76	83.53
12	8.55	7.54	109.26	7.21	6.20	89.88



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14	9.06	8.05	116.69	7.67	6.66	96.53
16	9.60	8.58	124.44	8.15	7.14	103.50
18	10.15	9.14	132.53	8.65	7.64	110.80
20	10.74	9.72	140.97	9.18	8.17	118.44
22	11.34	10.33	149.76	9.73	8.72	126.42
24	11.97	10.96	158.89	10.31	9.29	134.76
26	12.63	11.62	168.42	10.91	9.90	143.48
28	13.31	12.30	178.31	11.54	10.52	152.57
30	14.02	13.01	188.59	12.19	11.18	162.07
32	14.76	13.74	199.27	12.87	11.86	171.96
34	15.52	14.51	210.37	13.58	12.57	182.27
36	16.32	15.30	221.88	14.32	13.31	193.01
38	17.14	16.13	233.81	15.10	14.08	204.19
40	17.99	16.98	246.18	15.90	14.88	215.82
42	18.88	17.86	259.00	16.73	15.72	227.94
44	19.79	18.78	272.27	17.60	16.59	240.53
46	20.74	19.73	286.01	18.50	17.49	253.62
48	21.72	20.71	300.24	19.44	18.43	267.24
50	22.73	21.72	314.94	20.42	19.41	281.37
52	23.78	22.77	330.14	21.43	20.42	296.08
54	24.87	23.85	345.85	22.48	21.47	311.33
56	25.98	24.97	362.08	23.58	22.57	327.19
58	27.14	26.13	378.86	24.71	23.70	343.65
60	28.33	27.32	396.15	25.89	24.88	360.75
62	29.57	28.55	414.00	27.12	26.10	378.51
64	30.84	29.82	432.43	28.39	27.38	396.97
66	32.15	31.13	451.43	29.71	28.70	416.14
68	33.50	32.48	471.00	31.09	30.07	436.07
70	34.89	33.87	491.16	32.52	31.51	456.82

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



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