

R513A (XP10) Pressure Temperature Chart

R513A (XP10) Temperature (°C)	Liquid			Vapour		
	Pressure (barA)	Pressure (barg)	Pressure (psig)	Pressure (barA)	Pressure (barg)	Pressure (psig)
-70	0.11	-0.91	-13.13	0.10	-0.91	-13.17
-68	0.12	-0.89	-12.91	0.12	-0.89	-12.95
-66	0.14	-0.87	-12.65	0.14	-0.88	-12.70
-64	0.16	-0.85	-12.37	0.16	-0.86	-12.42
-62	0.18	-0.83	-12.06	0.18	-0.84	-12.11
-60	0.21	-0.81	-11.71	0.20	-0.81	-11.77
-58	0.23	-0.78	-11.33	0.23	-0.79	-11.38
-56	0.26	-0.75	-10.91	0.26	-0.76	-10.96
-54	0.29	-0.72	-10.44	0.29	-0.72	-10.50
-52	0.33	-0.68	-9.93	0.32	-0.69	-9.99
-50	0.37	-0.65	-9.37	0.36	-0.65	-9.43
-48	0.41	-0.60	-8.76	0.40	-0.61	-8.82
-46	0.46	-0.56	-8.09	0.45	-0.56	-8.15
-44	0.51	-0.51	-7.36	0.50	-0.51	-7.43
-42	0.56	-0.45	-6.57	0.56	-0.46	-6.64
-40	0.62	-0.39	-5.71	0.61	-0.40	-5.78
-38	0.68	-0.33	-4.78	0.68	-0.33	-4.85
-36	0.75	-0.26	-3.78	0.75	-0.27	-3.85
-34	0.83	-0.19	-2.70	0.82	-0.19	-2.77
-32	0.91	-0.11	-1.53	0.90	-0.11	-1.60
-30	0.99	-0.02	-0.28	0.99	-0.02	-0.35
-28	1.09	0.07	1.07	1.08	0.07	1.00
-26	1.19	0.17	2.51	1.18	0.17	2.45
-24	1.29	0.28	4.06	1.29	0.28	3.99
-22	1.41	0.39	5.71	1.40	0.39	5.65
-20	1.53	0.52	7.48	1.52	0.51	7.42
-18	1.66	0.65	9.36	1.65	0.64	9.30
-16	1.80	0.78	11.36	1.79	0.78	11.31
-14	1.94	0.93	13.49	1.94	0.93	13.44
-12	2.10	1.09	15.76	2.10	1.08	15.71
-10	2.27	1.25	18.16	2.26	1.25	18.11
-8	2.44	1.43	20.71	2.44	1.42	20.66
-6	2.63	1.61	23.40	2.62	1.61	23.36
-4	2.82	1.81	26.25	2.82	1.81	26.21
-2	3.03	2.02	29.26	3.03	2.02	29.22
0	3.25	2.24	32.44	3.25	2.23	32.41
2	3.48	2.47	35.79	3.48	2.47	35.76
4	3.72	2.71	39.32	3.72	2.71	39.29
6	3.98	2.97	43.03	3.98	2.97	43.01
8	4.25	3.24	46.94	4.25	3.24	46.92
10	4.53	3.52	51.04	4.53	3.52	51.02
12	4.83	3.82	55.35	4.83	3.82	55.33



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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	Pressure (barA)	Pressure (barg)	Pressure (psig)	Pressure (barA)	Pressure (barg)	Pressure (psig)
14	5.14	4.13	59.87	5.14	4.13	59.85
16	5.47	4.46	64.60	5.47	4.45	64.59
18	5.81	4.80	69.56	5.81	4.80	69.55
20	6.17	5.15	74.74	6.17	5.15	74.74
22	6.54	5.53	80.17	6.54	5.53	80.16
24	6.93	5.92	85.84	6.93	5.92	85.83
26	7.34	6.33	91.75	7.34	6.33	91.75
28	7.77	6.75	97.93	7.77	6.75	97.93
30	8.21	7.20	104.37	8.21	7.20	104.37
32	8.67	7.66	111.09	8.67	7.66	111.09
34	9.16	8.14	118.08	9.16	8.14	118.08
36	9.66	8.65	125.36	9.66	8.65	125.36
38	10.18	9.17	132.94	10.18	9.17	132.93
40	10.72	9.71	140.82	10.72	9.71	140.81
42	11.29	10.28	149.00	11.29	10.28	149.00
44	11.88	10.86	157.51	11.88	10.86	157.50
46	12.49	11.47	166.36	12.49	11.47	166.34
48	13.12	12.11	175.52	13.12	12.10	175.51
50	13.78	12.76	185.05	13.77	12.76	185.02
52	14.46	13.44	194.91	14.45	13.44	194.88
54	15.16	14.15	205.15	15.16	14.15	205.10
56	15.89	14.88	215.75	15.89	14.88	215.70
58	16.65	15.64	226.74	16.65	15.63	226.68
60	17.43	16.42	238.10	17.43	16.42	238.05
62	18.25	17.23	249.89	18.24	17.23	249.82
64	19.09	18.07	262.07	19.08	18.07	262.00
66	19.96	18.94	274.69	19.95	18.94	274.60
68	20.86	19.84	287.74	20.85	19.84	287.65
70	21.79	20.78	301.24	21.78	20.77	301.14

