

R507 Pressure Temperature Chart

R507 Temperature (°C)	Liquid			Vapour		
	Pressure (barA)	Pressure (barg)	Pressure (psig)	Pressure (barA)	Pressure (barg)	Pressure (psig)
-70	0.28	-0.73	-10.58	0.28	-0.73	-10.58
-68	0.32	-0.69	-10.04	0.32	-0.69	-10.04
-66	0.36	-0.65	-9.44	0.36	-0.65	-9.44
-64	0.41	-0.61	-8.79	0.41	-0.61	-8.79
-62	0.46	-0.56	-8.07	0.46	-0.56	-8.07
-60	0.51	-0.50	-7.29	0.51	-0.50	-7.29
-58	0.57	-0.44	-6.43	0.57	-0.44	-6.43
-56	0.63	-0.38	-5.49	0.63	-0.38	-5.49
-54	0.70	-0.31	-4.47	0.70	-0.31	-4.47
-52	0.78	-0.23	-3.36	0.78	-0.23	-3.36
-50	0.86	-0.15	-2.16	0.86	-0.15	-2.16
-48	0.95	-0.06	-0.87	0.95	-0.06	-0.87
-46	1.05	0.04	0.54	1.05	0.04	0.54
-44	1.15	0.14	2.05	1.15	0.14	2.05
-42	1.27	0.25	3.67	1.27	0.25	3.67
-40	1.39	0.37	5.42	1.39	0.37	5.42
-38	1.52	0.50	7.29	1.52	0.50	7.29
-36	1.65	0.64	9.30	1.65	0.64	9.30
-34	1.80	0.79	11.45	1.80	0.79	11.44
-32	1.96	0.95	13.74	1.96	0.95	13.73
-30	2.13	1.12	16.18	2.13	1.12	16.17
-28	2.31	1.30	18.78	2.31	1.29	18.77
-26	2.50	1.49	21.55	2.50	1.49	21.54
-24	2.70	1.69	24.49	2.70	1.69	24.48
-22	2.92	1.90	27.61	2.92	1.90	27.59
-20	3.15	2.13	30.92	3.14	2.13	30.90
-18	3.39	2.37	34.42	3.39	2.37	34.40
-16	3.64	2.63	38.12	3.64	2.63	38.09
-14	3.91	2.90	42.02	3.91	2.90	42.00
-12	4.20	3.18	46.15	4.19	3.18	46.12
-10	4.50	3.48	50.49	4.49	3.48	50.46
-8	4.81	3.80	55.07	4.81	3.80	55.03
-6	5.14	4.13	59.89	5.14	4.13	59.84
-4	5.49	4.48	64.95	5.49	4.48	64.90
-2	5.86	4.85	70.27	5.86	4.84	70.21
0	6.24	5.23	75.85	6.24	5.23	75.79
2	6.65	5.63	81.70	6.64	5.63	81.63
4	7.07	6.06	87.83	7.07	6.05	87.75
6	7.51	6.50	94.25	7.51	6.49	94.16
8	7.98	6.96	100.96	7.97	6.96	100.87
10	8.46	7.45	107.98	8.45	7.44	107.88
12	8.97	7.95	115.31	8.96	7.95	115.21



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14	9.49	8.48	122.97	9.49	8.47	122.86
16	10.05	9.03	130.96	10.04	9.02	130.85
18	10.62	9.61	139.29	10.61	9.60	139.17
20	11.22	10.21	147.97	11.21	10.20	147.84
22	11.84	10.83	157.02	11.83	10.82	156.88
24	12.49	11.48	166.43	12.48	11.47	166.29
26	13.17	12.15	176.23	13.16	12.14	176.07
28	13.87	12.86	186.43	13.86	12.85	186.25
30	14.60	13.59	197.01	14.59	13.57	196.82
32	15.36	14.35	208.02	15.35	14.33	207.83
34	16.15	15.13	219.44	16.13	15.12	219.24
36	16.97	15.95	231.32	16.95	15.94	231.10
38	17.82	16.80	243.63	17.80	16.79	243.41
40	18.70	17.68	256.40	18.68	17.67	256.17
42	19.61	18.60	269.66	19.59	18.58	269.41
44	20.56	19.54	283.39	20.54	19.53	283.14
46	21.54	20.53	297.64	21.52	20.51	297.38
48	22.56	21.54	312.39	22.54	21.53	312.13
50	23.61	22.60	327.69	23.59	22.58	327.41
52	24.71	23.69	343.53	24.69	23.67	343.26
54	25.84	24.82	359.95	25.82	24.81	359.67
56	27.01	26.00	376.96	26.99	25.98	376.68
58	28.23	27.21	394.59	28.21	27.19	394.30
60	29.49	28.47	412.86	29.47	28.45	412.58
62	30.79	29.78	431.81	30.77	29.76	431.53
64	32.15	31.14	451.47	32.13	31.12	451.21
66	33.56	32.55	471.92	33.54	32.53	471.67
68	35.03	34.01	493.19	35.01	34.00	492.99
70	36.56	35.55	515.46	36.55	35.54	515.33

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



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