

R448A (N40) Pressure Temperature Chart

R448A (N40) Temperature (°C)	Liquid			Vapour		
	Pressure (barA)	Pressure (barg)	Pressure (psig)	Pressure (barA)	Pressure (barg)	Pressure (psig)
-70	0.27	-0.74	-10.76	0.18	-0.84	-12.11
-68	0.31	-0.71	-10.24	0.20	-0.81	-11.74
-66	0.35	-0.67	-9.67	0.23	-0.78	-11.32
-64	0.39	-0.62	-9.04	0.26	-0.75	-10.86
-62	0.44	-0.58	-8.34	0.30	-0.71	-10.35
-60	0.49	-0.52	-7.57	0.34	-0.67	-9.78
-58	0.55	-0.46	-6.74	0.38	-0.63	-9.15
-56	0.61	-0.40	-5.82	0.43	-0.58	-8.46
-54	0.68	-0.33	-4.83	0.48	-0.53	-7.70
-52	0.75	-0.26	-3.75	0.54	-0.47	-6.86
-50	0.84	-0.18	-2.57	0.60	-0.41	-5.95
-48	0.92	-0.09	-1.30	0.67	-0.34	-4.96
-46	1.02	0.01	0.08	0.75	-0.27	-3.87
-44	1.12	0.11	1.57	0.83	-0.19	-2.70
-42	1.23	0.22	3.17	0.91	-0.10	-1.42
-40	1.35	0.34	4.90	1.01	0.00	-0.04
-38	1.48	0.47	6.75	1.11	0.10	1.45
-36	1.62	0.60	8.74	1.22	0.21	3.06
-34	1.76	0.75	10.87	1.34	0.33	4.80
-32	1.92	0.91	13.14	1.47	0.46	6.66
-30	2.09	1.07	15.57	1.61	0.60	8.66
-28	2.27	1.25	18.16	1.76	0.75	10.81
-26	2.46	1.44	20.92	1.92	0.90	13.10
-24	2.66	1.65	23.86	2.09	1.07	15.56
-22	2.87	1.86	26.98	2.27	1.25	18.18
-20	3.10	2.09	30.28	2.46	1.45	20.97
-18	3.34	2.33	33.79	2.66	1.65	23.94
-16	3.60	2.59	37.50	2.88	1.87	27.10
-14	3.87	2.86	41.42	3.11	2.10	30.45
-12	4.16	3.14	45.56	3.36	2.35	34.01
-10	4.46	3.44	49.93	3.62	2.61	37.78
-8	4.77	3.76	54.53	3.89	2.88	41.77
-6	5.11	4.10	59.38	4.18	3.17	45.99
-4	5.46	4.45	64.49	4.49	3.48	50.44
-2	5.83	4.82	69.85	4.82	3.80	55.14
0	6.22	5.21	75.48	5.16	4.14	60.09
2	6.63	5.61	81.39	5.52	4.50	65.31
4	7.05	6.04	87.58	5.90	4.88	70.80
6	7.50	6.49	94.06	6.29	5.28	76.57
8	7.97	6.96	100.85	6.71	5.70	82.64
10	8.46	7.45	107.95	7.15	6.14	89.00
12	8.97	7.96	115.37	7.61	6.60	95.68



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	Pressure (barA)	Pressure (barg)	Pressure (psig)	Pressure (barA)	Pressure (barg)	Pressure (psig)
14	9.50	8.49	123.12	8.09	7.08	102.67
16	10.06	9.05	131.21	8.60	7.59	110.00
18	10.64	9.63	139.64	9.13	8.11	117.66
20	11.25	10.24	148.44	9.68	8.67	125.68
22	11.88	10.87	157.59	10.26	9.25	134.07
24	12.54	11.53	167.11	10.86	9.85	142.82
26	13.22	12.21	177.02	11.49	10.48	151.96
28	13.93	12.92	187.33	12.15	11.14	161.50
30	14.67	13.66	198.03	12.84	11.82	171.45
32	15.44	14.42	209.15	13.55	12.54	181.82
34	16.23	15.22	220.69	14.30	13.28	192.62
36	17.06	16.05	232.65	15.07	14.06	203.87
38	17.91	16.90	245.06	15.88	14.87	215.57
40	18.80	17.79	257.93	16.72	15.71	227.75
42	19.72	18.71	271.25	17.59	16.58	240.42
44	20.67	19.66	285.04	18.50	17.49	253.59
46	21.66	20.64	299.32	19.45	18.43	267.29
48	22.68	21.66	314.10	20.43	19.42	281.52
50	23.73	22.72	329.37	21.45	20.44	296.31
52	24.82	23.80	345.16	22.51	21.49	311.65
54	25.94	24.93	361.47	23.61	22.59	327.60
56	27.10	26.09	378.32	24.75	23.74	344.16
58	28.30	27.29	395.72	25.93	24.92	361.35
60	29.54	28.53	413.67	27.17	26.15	379.20
62	30.82	29.81	432.20	28.44	27.43	397.75
64	32.14	31.12	451.30	29.77	28.76	417.01
66	33.50	32.48	470.99	31.15	30.14	437.03
68	34.90	33.88	491.29	32.59	31.58	457.85
70	36.34	35.32	512.18	34.08	33.07	479.52



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