

R449A (XP40) Pressure Temperature Chart

R449A (XP40) Temperature (°C)	Liquid			Vapour		
	Pressure (barA)	Pressure (barg)	Pressure (psig)	Pressure (barA)	Pressure (barg)	Pressure (psig)
-70	0.26	-0.75	-10.85	0.18	-0.83	-12.09
-68	0.30	-0.71	-10.34	0.21	-0.81	-11.71
-66	0.34	-0.67	-9.77	0.23	-0.78	-11.29
-64	0.38	-0.63	-9.15	0.27	-0.75	-10.83
-62	0.43	-0.58	-8.47	0.30	-0.71	-10.31
-60	0.48	-0.53	-7.72	0.34	-0.67	-9.74
-58	0.54	-0.48	-6.90	0.38	-0.63	-9.11
-56	0.60	-0.41	-6.00	0.43	-0.58	-8.42
-54	0.67	-0.35	-5.02	0.49	-0.53	-7.66
-52	0.74	-0.27	-3.96	0.54	-0.47	-6.82
-50	0.82	-0.19	-2.80	0.61	-0.41	-5.91
-48	0.91	-0.11	-1.55	0.67	-0.34	-4.91
-46	1.00	-0.01	-0.20	0.75	-0.26	-3.83
-44	1.10	0.09	1.26	0.83	-0.18	-2.66
-42	1.21	0.20	2.84	0.92	-0.10	-1.38
-40	1.33	0.31	4.53	1.01	0.00	0.00
-38	1.45	0.44	6.36	1.12	0.10	1.49
-36	1.59	0.57	8.31	1.23	0.21	3.10
-34	1.73	0.72	10.40	1.35	0.33	4.83
-32	1.88	0.87	12.64	1.47	0.46	6.69
-30	2.05	1.04	15.03	1.61	0.60	8.69
-28	2.23	1.21	17.58	1.76	0.75	10.83
-26	2.41	1.40	20.30	1.92	0.90	13.12
-24	2.61	1.60	23.19	2.09	1.07	15.56
-22	2.82	1.81	26.25	2.27	1.25	18.17
-20	3.05	2.04	29.51	2.46	1.45	20.95
-18	3.29	2.27	32.96	2.66	1.65	23.91
-16	3.54	2.52	36.61	2.88	1.87	27.06
-14	3.80	2.79	40.47	3.11	2.10	30.40
-12	4.09	3.07	44.55	3.35	2.34	33.94
-10	4.38	3.37	48.85	3.61	2.60	37.70
-8	4.70	3.68	53.39	3.89	2.87	41.67
-6	5.02	4.01	58.17	4.18	3.16	45.86
-4	5.37	4.36	63.20	4.48	3.47	50.30
-2	5.74	4.72	68.48	4.80	3.79	54.97
0	6.12	5.11	74.03	5.14	4.13	59.90
2	6.52	5.51	79.85	5.50	4.49	65.09
4	6.94	5.93	85.95	5.88	4.87	70.55
6	7.38	6.37	92.35	6.27	5.26	76.29
8	7.84	6.83	99.04	6.69	5.68	82.32
10	8.33	7.31	106.04	7.13	6.11	88.64
12	8.83	7.82	113.36	7.58	6.57	95.27



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	Pressure (barA)	Pressure (barg)	Pressure (psig)	Pressure (barA)	Pressure (barg)	Pressure (psig)
14	9.36	8.35	121.00	8.06	7.05	102.23
16	9.91	8.90	128.98	8.57	7.55	109.50
18	10.48	9.47	137.30	9.09	8.08	117.12
20	11.08	10.07	145.97	9.64	8.63	125.09
22	11.70	10.69	155.01	10.21	9.20	133.41
24	12.35	11.34	164.40	10.81	9.80	142.11
26	13.03	12.01	174.19	11.44	10.43	151.19
28	13.73	12.71	184.35	12.09	11.08	160.66
30	14.46	13.44	194.92	12.77	11.76	170.53
32	15.21	14.20	205.90	13.48	12.47	180.82
34	16.00	14.99	217.30	14.22	13.21	191.55
36	16.81	15.80	229.11	14.99	13.98	202.71
38	17.66	16.65	241.38	15.79	14.78	214.32
40	18.54	17.52	254.08	16.63	15.62	226.42
42	19.44	18.43	267.25	17.50	16.48	238.99
44	20.39	19.37	280.89	18.40	17.38	252.07
46	21.36	20.35	295.00	19.33	18.32	265.65
48	22.37	21.35	309.60	20.31	19.29	279.76
50	23.41	22.39	324.71	21.32	20.31	294.44
52	24.48	23.47	340.33	22.37	21.36	309.66
54	25.60	24.59	356.48	23.46	22.45	325.48
56	26.75	25.74	373.16	24.59	23.58	341.91
58	27.94	26.92	390.38	25.77	24.76	358.98
60	29.16	28.15	408.16	26.99	25.98	376.68
62	30.43	29.42	426.52	28.26	27.25	395.08
64	31.73	30.72	445.45	29.58	28.57	414.19
66	33.08	32.07	464.99	30.95	29.94	434.07
68	34.47	33.46	485.13	32.37	31.36	454.73
70	35.90	34.89	505.86	33.86	32.84	476.24



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