

R452A (XP44) Pressure Temperature Chart

R452A (XP44) Temperature (°C)	Liquid			Vapour		
	Pressure (barA)	Pressure (barg)	Pressure (psig)	Pressure (barA)	Pressure (barg)	Pressure (psig)
-70	0.28	-0.73	-10.59	0.22	-0.79	-11.46
-68	0.32	-0.69	-10.01	0.25	-0.76	-11.02
-66	0.36	-0.65	-9.43	0.29	-0.72	-10.44
-64	0.40	-0.61	-8.85	0.33	-0.68	-9.86
-62	0.45	-0.56	-8.12	0.37	-0.64	-9.28
-60	0.51	-0.50	-7.25	0.41	-0.60	-8.70
-58	0.57	-0.44	-6.38	0.46	-0.55	-7.98
-56	0.63	-0.38	-5.51	0.52	-0.49	-7.11
-54	0.71	-0.30	-4.35	0.58	-0.43	-6.24
-52	0.78	-0.23	-3.34	0.64	-0.37	-5.37
-50	0.87	-0.14	-2.03	0.72	-0.29	-4.21
-48	0.96	-0.05	-0.73	0.79	-0.22	-3.19
-46	1.06	0.05	0.73	0.88	-0.13	-1.89
-44	1.16	0.15	2.18	0.97	-0.04	-0.58
-42	1.28	0.27	3.92	1.07	0.06	0.87
-40	1.40	0.39	5.66	1.17	0.16	2.32
-38	1.53	0.52	7.54	1.29	0.28	4.06
-36	1.67	0.66	9.57	1.41	0.40	5.80
-34	1.82	0.81	11.75	1.54	0.53	7.69
-32	1.99	0.98	14.21	1.68	0.67	9.72
-30	2.16	1.15	16.68	1.83	0.82	11.89
-28	2.34	1.33	19.29	2.00	0.99	14.36
-26	2.54	1.53	22.19	2.17	1.16	16.82
-24	2.74	1.73	25.09	2.35	1.34	19.43
-22	2.97	1.96	28.42	2.55	1.54	22.33
-20	3.20	2.19	31.76	2.75	1.74	25.23
-18	3.45	2.44	35.38	2.98	1.97	28.57
-16	3.71	2.70	39.15	3.21	2.20	31.90
-14	3.98	2.97	43.07	3.46	2.45	35.53
-12	4.28	3.27	47.42	3.72	2.71	39.30
-10	4.58	3.57	51.77	3.99	2.98	43.21
-8	4.91	3.90	56.55	4.29	3.28	47.56
-6	5.25	4.24	61.48	4.60	3.59	52.06
-4	5.61	4.60	66.70	4.92	3.91	56.70
-2	5.98	4.97	72.07	5.26	4.25	61.63
0	6.38	5.37	77.87	5.62	4.61	66.85
2	6.79	5.78	83.81	6.00	4.99	72.36
4	7.22	6.21	90.05	6.40	5.39	78.16
6	7.68	6.67	96.72	6.81	5.80	84.10
8	8.15	7.14	103.53	7.25	6.24	90.48
10	8.65	7.64	110.78	7.71	6.70	97.15
12	9.16	8.15	118.18	8.19	7.18	104.11



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	Pressure (barA)	Pressure (barg)	Pressure (psig)	Pressure (barA)	Pressure (barg)	Pressure (psig)
14	9.71	8.70	126.15	8.69	7.68	111.36
16	10.27	9.26	134.27	9.21	8.20	118.90
18	10.86	9.85	142.83	9.76	8.75	126.88
20	11.47	10.46	151.67	10.33	9.32	135.14
22	12.10	11.09	160.81	10.93	9.92	143.84
24	12.77	11.76	170.52	11.56	10.55	152.98
26	13.46	12.45	180.53	12.21	11.20	162.40
28	14.17	13.16	190.82	12.88	11.87	172.12
30	14.92	13.91	201.70	13.59	12.58	182.41
32	15.69	14.68	212.86	14.32	13.31	193.00
34	16.49	15.48	224.46	15.09	14.08	204.16
36	17.32	16.31	236.50	15.88	14.87	215.62
38	18.18	17.17	248.97	16.71	15.70	227.65
40	19.07	18.06	261.87	17.57	16.56	240.12
42	19.99	18.98	275.21	18.46	17.45	253.03
44	20.95	19.94	289.13	19.39	18.38	266.51
46	21.94	20.93	303.49	20.36	19.35	280.58
48	22.96	21.95	318.28	21.36	20.35	295.08
50	24.01	23.00	333.50	22.40	21.39	310.16
52	25.11	24.10	349.45	23.48	22.47	325.82
54	26.24	25.23	365.84	24.61	23.60	342.20
56	27.40	26.39	382.66	25.77	24.76	359.02
58	28.61	27.60	400.20	26.98	25.97	376.57
60	29.85	28.84	418.18	28.24	27.23	394.84
62	31.13	30.12	436.74	29.56	28.55	413.98
64	32.45	31.44	455.88	30.92	29.91	433.70
66	33.81	32.80	475.60	32.34	31.33	454.29
68	35.22	34.21	496.05	33.83	32.82	475.89
70	36.66	35.65	516.93	35.40	34.39	498.66



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