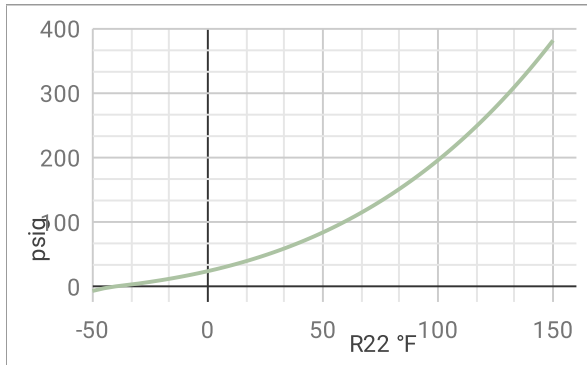


Heat exchangers VZH Ostrava

<https://www.heat-exchangers.uk/>

R22 pressure temperature chart

The pressure shown (**psig**) is relative to atmospheric pressure. To calculate absolute pressure (**psia**), add 1 bar (14.5 psi) to the gauge pressure.



R22 °F	psig	bar(g)
-50	-6.6	-0.45
-45	-2.5	-0.17
-40	0.4	0.03
-35	2.7	0.19
-30	4.9	0.34
-25	7.4	0.51
-20	10.2	0.70
-18	11.4	0.78
-16	12.6	0.87
-14	13.9	0.96
-12	15.2	1.05
-10	16.5	1.14
-8	17.9	1.24
-6	19.4	1.34
-4	20.9	1.44
-2	22.4	1.55
0	24.0	1.66
2	25.7	1.77
4	27.4	1.89
6	29.2	2.01
8	31.0	2.14
10	32.9	2.27
12	34.8	2.40
14	36.8	2.54
16	38.8	2.68

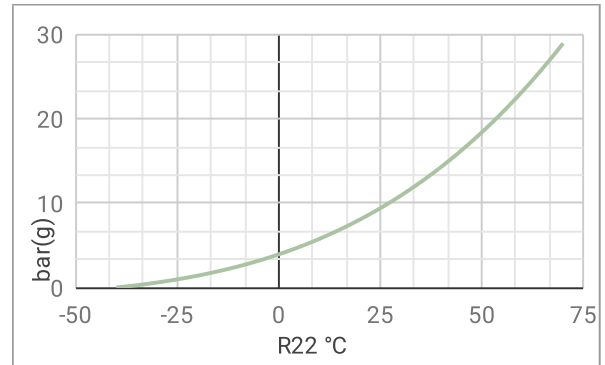
Výměníky tepla Ostrava

www.vymeniky-tepla.cz

Tabulka tlaků a teplot pro R22

Zobrazený tlak je relativní **bar(g)** k atmosférickému tlaku. Pro výpočet absolutního tlaku **bar(a)** přidejte k naměřenému tlaku 1 bar.

The pressure **bar(g)** shown is relative to atmospheric pressure. To calculate absolute pressure **bar(a)**, add 1 bar to the gauge pressure.



R22 °C	bar(g)	psig
-40	0.03	0.4
-38	0.15	2.1
-36	0.25	3.6
-34	0.36	5.3
-32	0.49	7.1
-30	0.62	9.1
-28	0.77	11.1
-26	0.92	13.4
-24	1.08	15.7
-22	1.26	18.2
-20	1.44	20.9
-18	1.63	23.7
-16	1.84	26.7
-14	2.06	29.9
-12	2.29	33.2
-10	2.54	36.8
-8	2.79	40.5
-6	3.06	44.4
-4	3.35	48.6
-2	3.65	52.9
0	3.97	57.5
2	4.30	62.3
4	4.65	67.4
6	5.0	72.7
8	5.4	78.2

18	40.9	2.82
20	43.1	2.97
22	45.3	3.13
24	47.6	3.28
26	50.0	3.45
28	52.4	3.62
30	54.9	3.79
32	57.5	3.97
34	60.2	4.15
36	62.9	4.34
38	65.7	4.53
40	68.5	4.73
42	71.5	4.93
44	74.5	5.1
46	77.6	5.3
48	80.8	5.6
50	84.1	5.8
52	87.4	6.0
54	90.8	6.3
56	94.4	6.5
58	98.0	6.8
60	102	7.0
62	105	7.3
64	109	7.5
66	113	7.8
68	117	8.1
70	121	8.4
72	126	8.7
74	130	9.0
76	134	9.3
78	139	9.6
80	144	9.9
82	148	10.2
84	153	10.6
86	158	10.9
88	163	11.3
90	168	11.6
92	174	12.0
94	179	12.3
96	185	12.7
98	190	13.1
100	196	13.5
102	202	13.9
104	208	14.3
106	214	14.7
108	220	15.2
110	226	15.6
112	233	16.1

10	5.8	84.1
12	6.2	90.1
14	6.7	96.5
16	7.1	103
18	7.6	110
20	8.1	117
22	8.6	125
24	9.1	133
26	9.7	141
28	10.3	149
30	10.9	158
32	11.5	167
34	12.2	177
36	12.9	187
38	13.6	197
40	14.3	208
42	15.1	219
44	15.9	230
46	16.7	242
48	17.5	254
50	18.4	267
52	19.3	280
54	20.3	294
56	21.2	308
58	22.2	322
60	23.3	337
62	24.3	353
64	25.4	369
66	26.6	385
68	27.7	402
70	28.9	420

114	239	16.5
116	246	17.0
118	253	17.4
120	260	17.9
122	267	18.4
124	274	18.9
126	282	19.4
128	289	19.9
130	297	20.5
132	305	21.0
134	313	21.6
136	321	22.1
138	329	22.7
140	337	23.3
142	346	23.9
144	355	24.5
146	363	25.1
148	372	25.7
150	382	26.3
152	391	27.0
154	400	27.6
156	410	28.3
158	420	28.9