

P-T

PRESSURE/TEMPERATURE DATA
ALTERNATIVE REFRIGERANTS
COMPARED TO R22
 [Liquid Phase Pressures]

TEMPERATURE [F°]

Temp	R22	R421A	R407C	R438A
-60	-5.8595	-5.9429	-4.5845	-5.1981
-55	-4.5062	-4.5926	-3.0402	-3.7452
-50	-2.9928	-3.0816	-1.3137	-2.1207
-45	-1.3064	-1.3968	0.60987	-0.31097
-40	0.56656	0.47545	2.7459	1.6985
-35	2.6400	2.5492	5.1102	3.9226
-30	4.9284	4.8391	7.7191	6.3766
-25	7.4464	7.3599	10.590	9.0764
-20	10.210	10.127	13.739	12.038
-15	13.233	13.157	17.186	15.279
-10	16.534	16.465	20.948	18.815
-5	20.128	20.069	25.044	22.664
0	24.032	23.985	29.493	26.845
5	28.264	28.231	34.315	31.376
10	32.840	32.824	39.529	36.274
15	37.779	37.783	45.158	41.559
20	43.099	43.127	51.220	47.251
25	48.818	48.873	57.737	53.369
30	54.955	55.042	64.731	59.933
35	61.529	61.652	72.223	66.963
40	68.559	68.724	80.236	74.479
45	76.065	76.279	88.791	82.504
50	84.067	84.336	97.913	91.058
55	92.585	92.916	107.62	100.16
60	101.64	102.04	117.95	109.84
65	111.25	111.73	128.90	120.11
70	121.44	122.02	140.52	131.00
75	132.22	132.91	152.83	142.53
80	143.63	144.44	165.84	154.72
85	155.68	156.62	179.59	167.59
90	168.40	169.49	194.09	181.18
95	181.80	183.06	209.39	195.51
100	195.91	197.37	225.49	210.59
105	210.76	212.43	242.44	226.46
110	226.37	228.28	260.25	243.14
115	242.76	244.94	278.96	260.67
120	259.96	262.44	298.59	279.05
125	277.99	280.81	319.17	298.34
130	296.89	300.08	340.74	318.54
135	316.67	320.28	363.32	339.70
140	337.38	341.45	386.95	361.85
145	359.04	363.63	411.66	385.02
150	381.68	386.85	437.47	409.24
155	405.34	411.16	464.44	434.54
160	430.05	436.59	492.57	460.96

PRESSURE [psig]

