

Pressure - Temperature Chart

Corrected for 5000 Ft. Altitude (Pgauge = 12.2 psia)

Temp. (F)	R-134a	R-12	R-500	R-22	R-502	AZ-50(R-507)	AZ-20 (R-410A)	Temp. (F)
-60	16.6	14.0	12.0	7.0	2.1	0.9	2.9	-60
-55	15.2	12.5	10.0	4.2	0.6	1.3	5.1	-55
-50	13.6	10.4	7.8	1.1	2.4	3.3	7.6	-50
-45	11.7	8.3	5.3	1.1	4.4	5.5	10.3	-45
-40	9.7	6.0	2.6	3.0	6.6	8.0	13.4	-40
-35	7.3	3.4	0.2	5.1	9.0	10.6	16.7	-35
-30	4.7	0.5	1.9	7.3	11.7	13.6	20.4	-30
-25	1.8	1.3	3.7	9.9	14.6	16.8	24.5	-25
-20	0.7	3.0	5.7	12.6	17.8	20.3	28.9	-20
-15	2.5	4.9	7.9	15.6	21.3	24.1	33.7	-15
-10	4.4	7.0	10.3	18.9	25.0	28.3	39.0	-10
-5	6.6	9.2	12.9	22.5	29.1	32.8	44.7	-5
0	9.0	11.6	15.7	26.4	33.6	37.7	50.9	0
5	11.6	14.2	18.8	30.6	38.3	43.0	57.6	5
10	14.4	17.1	22.2	35.2	43.5	48.6	64.8	10
15	17.5	20.2	25.8	40.2	49.0	54.7	72.6	15
20	20.9	23.5	29.7	45.5	54.9	61.3	80.9	20
25	24.6	27.1	33.9	51.2	61.3	68.3	89.9	25
30	28.6	30.9	38.4	57.3	68.1	75.7	99.5	30
35	32.9	35.0	43.3	63.9	75.3	83.7	109.8	35
40	37.5	39.4	48.5	71.0	83.0	92.3	120.8	40
45	42.5	44.1	54.1	78.5	91.2	101.4	132.5	45
50	47.9	49.1	60.0	86.5	99.9	111.0	145.0	50
55	53.7	54.5	66.3	95.0	109.1	121.3	158.3	55
60	59.9	60.2	73.1	104.0	118.9	132.2	172.4	60
65	66.5	66.2	80.2	113.7	129.2	143.8	187.3	65
70	73.6	72.6	87.8	123.9	140.1	156.1	203.2	70
75	81.1	79.4	95.9	134.6	151.6	169.0	220.0	75
80	89.1	86.6	104.4	146.1	163.7	182.8	237.8	80
85	97.7	94.2	113.4	158.1	176.4	197.3	256.6	85
90	106.8	102.2	122.9	170.8	189.8	212.7	276.4	90
95	116.4	110.7	133.0	184.2	203.9	228.9	297.4	95
100	126.6	119.6	143.6	198.3	218.7	246.0	319.4	100
105	137.4	129.0	154.7	213.2	234.2	264.1	342.6	105
110	148.8	138.8	166.4	228.8	250.4	283.1	367.1	110
115	160.9	149.2	178.7	245.1	267.4	303.2	392.9	115
120	173.6	160.1	191.7	262.3	285.2	324.4	420.0	120
125	187.0	171.5	205.2	280.3	303.8	346.7	448.5	125
130	201.1	183.4	219.4	299.2	323.3	370.3	478.5	130
135	216.0	195.9	234.3	319.0	343.7	395.1	510.0	135
140	231.6	209.0	249.9	339.6	365.1	421.2	543.2	140
145	248.1	222.7	266.2	361.3	387.4	448.7	578.1	145
150	265.3	237.0	283.2	383.9	410.8	477.7	614.9	150
155	283.4	251.9	301.0	407.5	435.4	508.3	-	155
160	302.4	267.5	319.5	432.2	461.2	-	-	160

Shaded Number are Inches Hg Vacuum

ALTITUDE FEET	BAROMETER		SPECIFIC VOLUME CU FT. PER LB	CORR FACT	AIR DENSITY LBS/CU FT	CFM TRANS. FACTOR	CFM CORRECT FACTOR
	INCHES MERCURY	LBS/SQ IN ATMOS.					
0	29.92	14.7	13.340	1.000	.0750	1.080	
100	29.81	14.64	13.389	.996	.0747	1.076	1.00
200	29.70	14.58	13.439	.993	.0745	1.073	1.00
300	29.60	14.52	13.488	.989	.0742	1.068	1.00
400	29.49	14.46	13.538	.985	.0739	1.064	1.00
500	29.38	14.40	13.587	.981	.0736	1.060	1.01
600	29.28	14.36	13.636	.978	.0734	1.057	1.01
700	29.17	14.32	13.686	.975	.0731	1.053	1.02
800	29.06	14.28	13.735	.971	.0728	1.048	1.02
900	28.96	14.24	13.785	.967	.0725	1.044	1.03
1000	28.85	14.20	13.834	.964	.0723	1.041	1.03
1100	28.75	14.14	13.883	.960	.0720	1.037	1.04
1200	28.65	14.08	13.933	.957	.0818	1.034	1.04
1300	28.54	14.02	13.982	.954	.0716	1.031	1.04
1400	28.44	13.96	14.031	.951	.0713	1.027	1.05
1500	28.33	13.90	14.081	.947	.0710	1.022	1.05
1600	28.23	13.86	14.130	.944	.0708	1.020	1.06
1700	28.13	13.82	14.179	.940	.0705	1.015	1.06
1800	28.02	13.78	14.228	.936	.0702	1.011	1.06
1900	27.92	13.74	14.278	.933	.0700	1.008	1.07
2000	27.82	13.70	14.327	.930	.0698	1.005	1.07
2100	27.72	13.64	14.363	.926	.0695	1.001	1.07
2200	27.62	13.58	14.399	.923	.0692	.995	1.08
2300	27.52	13.52	14.435	.920	.0690	.994	1.08
2400	27.41	13.46	14.471	.916	.0687	.989	1.09
2500	27.31	13.40	14.507	.913	.0685	.986	1.09
2600	27.21	13.36	14.543	.909	.0682	.982	1.10
2700	27.11	13.32	14.579	.906	.0680	.979	1.10
2800	27.01	13.28	14.615	.903	.0677	.975	1.10
2900	26.91	13.24	14.651	.900	.0675	.972	1.11
3000	26.81	13.20	14.687	.896	.0672	.968	1.11
3200	26.61	13.10	14.836	.889	.0667	.960	1.12
3400	26.42	13.00	14.986	.883	.0662	.953	1.13
3600	26.23	12.90	15.135	.877	.0658	.948	1.14
3800	26.03	12.80	15.285	.870	.0653	.940	1.14
4000	25.84	12.70	15.434	.864	.0648	.933	1.15
4200	25.65	12.60	15.554	.858	.0644	.927	1.16
4400	25.46	12.50	15.674	.851	.0638	.919	1.17
4600	25.27	12.40	15.795	.845	.0634	.913	1.18
4800	25.08	12.30	15.915	.839	.0629	.906	1.19
5000	24.89	12.20	16.035	.832	.0624	.899	1.20
5200	24.71	12.12	16.167	.825	.0619	.891	1.21
5400	24.52	12.04	16.299	.819	.0614	.884	1.22
5600	24.34	11.96	16.431	.813	.0610	.878	1.23
5800	24.16	11.88	16.563	.807	.0605	.871	1.24
6000	23.98	11.80	16.695	.800	.0599	.863	1.25
6200	23.80	11.70	16.803	.794	.0596	.858	1.26
6400	23.62	11.60	16.911	.789	.0592	.852	1.26
6600	23.45	11.50	17.018	.784	.0588	.847	1.27
6800	23.27	11.40	17.126	.779	.0584	.841	1.28
7000	23.09	11.30	17.234	.774	.0581	.835	1.29
7200	22.90	11.22	17.397	.767	.0575	.828	1.30
7400	22.70	11.14	17.560	.760	.0570	.821	1.31
7600	22.51	11.06	17.724	.753	.0565	.814	1.32
7800	22.31	10.98	17.887	.746	.0560	.806	1.34
8000	22.12	10.90	18.050	.739	.0554	.798	1.35
8200	21.97	10.82	18.171	.734	.0551	.793	1.36
8400	21.82	10.74	18.293	.729	.0547	.788	1.37
8600	21.68	10.66	18.414	.725	.0544	.783	1.38
8800	21.53	10.58	18.536	.720	.0540	.778	1.39
9000	21.38	10.50	18.657	.715	.0536	.772	1.39
9200	21.22	10.42	18.809	.709	.0532	.766	1.41
9400	21.06	10.34	18.961	.704	.0528	.760	1.42
9600	20.89	10.26	19.114	.698	.0524	.755	1.43
9800	20.73	10.18	19.265	.693	.0520	.749	1.44
10000	20.57	10.10	19.418	.687	.0515	.742	1.45