



Length

To Convert		inch		To	millimeter		Multiply By		25.40	
		millimeter			inch				.03937	
in	mm	in	mm	in	mm	in	mm	in	mm	
0.025	0.635	0.275	6.985	0.525	13.335	0.775	19.685			
0.050	1.270	0.300	7.620	0.550	13.970	0.800	20.320			
0.075	1.905	0.325	8.255	0.575	14.605	0.825	20.955			
0.100	2.540	0.350	8.890	0.600	15.240	0.850	21.590			
0.125	3.175	0.375	9.525	0.625	15.875	0.875	22.225			
0.150	3.810	0.400	10.160	0.650	16.510	0.900	22.860			
0.175	4.445	0.425	10.795	0.675	17.145	0.925	23.495			
0.200	5.080	0.450	11.430	0.700	17.780	0.950	24.130			
0.225	5.715	0.475	12.065	0.725	18.415	0.975	24.765			
0.250	6.350	0.500	12.700	0.750	19.050	1.000	25.400			

Flow

To Convert		cfm (cubic ft/min.)		To	L / min (liters/min.)		Multiply By		28.317	
		L / min (liters/min.)			cfm (cubic ft/min.)				.03531	
cfm	L / min	cfm	L / min	cfm	L / min	cfm	L / min	cfm	L / min	
0.5	14.159	5.5	155.744	10.5	297.334	16.0	453.07			
1.0	28.317	6.0	169.903	11.0	311.493	17.0	481.39			
1.5	42.476	6.5	184.062	11.5	325.652	18.0	509.71			
2.0	56.634	7.0	198.221	12.0	339.811	19.0	538.02			
2.5	70.793	7.5	212.380	12.5	353.970	20.0	566.34			
3.0	84.951	8.0	226.539	13.0	368.129	21.0	594.66			
3.5	99.110	8.5	240.698	13.5	382.288	22.0	622.97			
4.0	113.268	9.0	254.857	14.0	396.447	23.0	651.29			
4.5	127.427	9.5	269.016	14.5	410.606	24.0	679.61			
5.0	141.585	10.0	283.175	15.0	424.764	25.0	707.93			

Pressure

To Convert		psi (lbs/sq.inch)		To	bars		Multiply By		14.50	
		bars			psi (lbs/sq.inch)				.06895	
psi	bars	psi	bar	psi	bars	psi	bars	psi	bars	
2.5	0.17	27.5	1.90	52.5	3.62	77.5	5.34			
5.0	0.34	30.0	2.07	55.0	3.79	80.0	5.52			
7.5	0.52	32.5	2.24	57.5	3.96	82.5	5.69			
10.0	0.69	35.0	2.41	60.0	4.14	85.0	5.86			
12.5	0.86	37.5	2.59	62.5	4.31	87.5	6.03			
15.0	1.03	40.0	2.76	65.0	4.48	90.0	6.21			
17.5	1.21	42.5	2.93	67.5	4.65	92.5	6.38			
20.0	1.38	45.0	3.10	70.0	4.83	95.0	6.55			
22.5	1.55	47.5	3.28	72.5	5.00	97.5	6.72			
25.0	1.72	50.0	3.45	75.0	5.17	100.0	6.90			



CONVERSION FACTORS

Force

To Convert		pounds (lbs)	To	newtons (N)	Multiply By	
					newtons (N)	pounds (lbs)
						4.448
					.2248	

lbs	N	lbs	N	lbs	N	lbs	N
0.25	1.1	2.75	12.2	5.25	23.4	7.75	34.5
0.50	2.2	3.00	13.3	5.50	24.5	8.00	35.6
0.75	3.3	3.25	14.5	5.75	25.6	8.25	36.7
1.00	4.4	3.50	15.6	6.00	26.7	8.50	37.8
1.25	5.6	3.75	16.7	6.25	27.8	8.75	38.9
1.50	6.7	4.00	17.8	6.50	28.9	9.00	40.0
1.75	7.8	4.25	18.9	6.75	30.0	9.25	41.1
2.00	8.9	4.50	20.0	7.00	31.1	9.50	42.3
2.25	10.0	4.75	21.1	7.25	32.2	9.75	43.4
2.50	11.1	5.00	22.2	7.50	33.4	10.00	44.5

Temperature

To Convert		Fahrenheit (°F)	To	Celsius (°C)	Multiply By	
					Celsius (°C)	Fahrenheit (°F)
						$(°F - 32) / 1.8$
					$1.8 °C + 32$	

°F	°C	°F	°C	°F	°C	°F	°C
5	-15.0	55	+12.8	105	+40.6	155	68.3
10	-12.2	60	15.6	110	43.3	160	71.1
15	-9.4	65	18.3	115	46.1	165	73.9
20	-6.7	70	21.1	120	48.9	170	76.7
25	-3.9	75	23.9	125	51.7	175	79.4
30	-1.1	80	26.7	130	54.4	180	82.2
35	+1.7	85	18.9	135	57.2	185	85.0
40	+4.4	90	32.2	140	60.0	190	87.8
45	+7.2	95	35.0	145	62.8	195	90.6
50	+10.0	100	37.8	150	65.6	200	93.3