

# CONVERSION FACTORS



## Length

To Convert		inch		To	millimeter		Multiply By	25.40	
		millimeter			inch			0.03937	
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	0.800	20.320
0.050	1.270	0.300	7.620	0.550	13.970	0.825	20.955	0.850	21.590
0.075	1.905	0.325	8.255	0.575	14.605	0.875	22.225	0.900	22.860
0.100	2.540	0.350	8.890	0.600	15.240	0.925	23.495	0.950	24.130
0.125	3.175	0.375	9.525	0.625	15.875	0.975	24.765	1.000	25.400
0.150	3.810	0.400	10.160	0.650	16.510				
0.175	4.445	0.425	10.795	0.675	17.145				
0.200	5.080	0.450	11.430	0.700	17.780				
0.225	5.715	0.475	12.065	0.725	18.415				
0.250	6.350	0.500	12.700	0.750	19.050				

## Flow

To Convert		cfm (cubic ft/min.)		To	L / min (liters/min.)		Multiply By	28.317	
		L / min (liters/min.)			cfm (cubic ft/min.)			0.03531	
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	17.0	481.39
1.0	28.317	6.0	169.903	11.0	311.493	18.0	509.71	19.0	538.02
1.5	42.476	6.5	184.062	11.5	325.652	20.0	566.34	21.0	594.66
2.0	56.634	7.0	198.221	12.0	339.811	22.0	622.97	23.0	651.29
2.5	70.793	7.5	212.380	12.5	353.970	24.0	679.61	25.0	707.93
3.0	84.951	8.0	226.539	13.0	368.129				
3.5	99.110	8.5	240.698	13.5	382.288				
4.0	113.268	9.0	254.857	14.0	396.447				
4.5	127.427	9.5	269.016	14.5	410.606				
5.0	141.585	10.0	283.175	15.0	424.764				

## Pressure

To Convert		psig (lbs/sq.inch)		To	bars		Multiply By	0.06895	
		bars			psig (lbs/sq.inch)			14.50	
psig	bars	psig	bar	psig	bars	psig	bars	psig	bars
2.5	0.17	27.5	1.90	52.5	3.62	77.5	5.34	80.0	5.52
5.0	0.34	30.0	2.07	55.0	3.79	82.5	5.69	85.0	5.86
7.5	0.52	32.5	2.24	57.5	3.96	87.5	6.03	90.0	6.21
10.0	0.69	35.0	2.41	60.0	4.14	92.5	6.38	95.0	6.55
12.5	0.86	37.5	2.59	62.5	4.31	97.5	6.72		
15.0	1.03	40.0	2.76	65.0	4.48	100.0	6.90		
17.5	1.21	42.5	2.93	67.5	4.65				
20.0	1.38	45.0	3.10	70.0	4.83				
22.5	1.55	47.5	3.28	72.5	5.00				
25.0	1.72	50.0	3.45	75.0	5.17				