

CONVERSION CHART

T103

TO CONVERT FROM	TO	MULTIPLY BY
LENGTH		
MM	INCHES	0.03937
CM	INCHES	0.3937
METERS	INCHES	39.37
METERS	FEET	3.281
METERS	YARDS	1.0936
KM	FEET	3280.8
KM	YARDS	1093.6
KM	MILES	0.6214
AREA		
SQ.MM	SQ. INCHES	0.00155
SQ.CM	SQ. INCHES	0.155
SQ.METERS	SQ. FEET	10.764
SQ.METERS	SQ. YARDS	1.196
SQ.KM	ACRES	247.1
VOLUME		
CU. CM	CU. INCHES	0.06102
CU. CM	FL. OUNCES	0.03381
CU. METERS	CU. FEET	35.315
CU. METERS	CU. YARDS	1.308
CU. METERS	U.S. GAL	264.2
LITERS	CU. INCHES	61.024
LITERS	CU. FEET	0.03531
LITERS	U.S. GAL	0.2642
CU. FT.	U.S. GAL	7.48
WEIGHT		
KG	POUNDS	2.2046
KG	USTONS	0.001102
M. TONNES	POUNDS	2204.6
M. TONNES	USTONS	1.1023
PRESSURES		
ATMOSPHERE	PSI	14.696
BAR	PSI	14.504
KPA	PSI	0.145
MPA	PSI	145.037
IN H2O	PSI	0.0361
IN HG	PSI	0.4912
MM HG	PSI	0.01934
CM HG	PSI	0.1934
POWER		
KW	HP	1.341
UNIT VOLUME		
LITERS/MIN	US GPM	0.2642
LITERS/MIN	CFM	0.03531
LITERS/HR	US GPM	0.0044
M3/MIN	CFM	35.314
M3/HR	CFM	0.5886
M3/HR	US GPM	4.4029
MSCFD	CFM	0.694
MMSCFD	CFM	694.4

TO CONVERT FROM	TO	MULTIPLY BY
LENGTH		
INCHES	MM	25.4
INCHES	CM	2.54
INCHES	METERS	0.0254
FEET	METERS	0.3048
FEET	KM	0.0003048
YARDS	METERS	0.9144
YARDS	KM	0.0009144
MILES	KM	1.609
AREA		
SQ. INCHES	SQ. MM	645.2
SQ. INCHES	SQ. CM	6.452
SQ. FEET	SQ. METERS	0.0929
SQ. YARDS	SQ. METERS	0.8361
ACRES	SQ. KM	0.00405
VOLUME		
CU. INCHES	CU. CM	16.387
CU. INCHES	LITERS	0.01639
CU. FEET	CU. METERS	0.02832
CU. FEET	LITERS	28.317
CU. YARDS	CU. METERS	0.7646
FL. OUNCES	CU. CM	29.57
U.S. GAL	CU. METERS	0.003785
U.S. GAL	LITERS	3.785
U.S. GAL	CU. FT.	0.1337
WEIGHT		
POUNDS	KG	0.4536
POUNDS	M. TONNES	0.000454
US TONS	KG	907.2
US TONS	M. TONNES	0.9072
PRESSURES		
PSI	ATMOSPHERE	0.06805
PSI	BAR	0.0689
PSI	KPA	6.895
PSI	MPA	0.00689
PSI	IN H2O	27.707
PSI	IN HG	2.036
PSI	MM HG	51.715
PSI	CM HG	5.1715
POWER		
HP	KW	0.7457
UNIT VOLUME		
US GPM	LITERS/MIN	3.7854
US GPM	LITERS/HR	227.12
US GPM	M3/HR	0.2271
CFM	M3/MIN	0.02832
CFM	M3/HR	1.699
CFM	LITERS/MIN	28.31685
CFM	MSCFD	1.44
CFM	MMSCFD	0.00144

**PRESSURE AND VACUUM
CONVERSION TABLE
(ASL)**

**TEMPERATURE
CONVERSION TABLE**

PSIA	PSIG	MM HG	IN HG	VACUUM IN HG	FT. H ₂ O
0	- 14.7	0	0	30	- 34
1	- 13.7	53.3	2.1	27.9	- 31.5
2	- 12.7	105.1	4.1	25.9	- 28.3
3	- 11.7	157.5	6.2	23.8	- 26.9
4	- 10.7	208.3	8.2	21.8	- 24.6
5	- 9.7	261.6	10.3	19.7	- 22.3
6	- 8.7	312.4	12.3	17.7	- 20
7	- 7.7	363.2	14.3	15.7	- 17.7
8	- 6.7	416.6	16.4	13.6	- 15.4
9	- 5.7	467.4	18.4	11.6	- 13.1
10	- 4.7	518.2	20.4	9.6	- 10.8
11	- 3.7	571.5	22.5	7.5	- 8.5
12	- 2.7	622.3	24.5	5.5	- 6.2
13	- 1.7	671.8	26.5	3.5	- 4.0
14	- .7	725.4	28.6	1.4	- 1.6
14.7	0	762	30	0	0
19.7	5	1021.1	40.2		11.5
24.7	10	1280.2	50.4		23.1
29.7	15	1539.2	60.6		34.6
34.7	20	1788.3	70.8		46.1
39.7	25	2047.4	81.0		57.6
44.7	30	2316.5	91.2		69.2
49.7	35	2575.6	101.4		80.7
54.7	40	2834.6	111.6		92.2
59.7	45	3093.7	121.8		103.7
64.7	50	3352.8	132.0		115.3
69.7	55	3611.9	142.2		126.8
74.7	60	3871.0	152.4		138.3
79.7	65	4130.0	162.6		149.8
84.7	70	4389.1	172.8		161.4
89.7	75	4648.2	183.0		172.9
94.7	80	4907.3	193.2		184.4
99.7	85	5166.4	203.4		195.9
104.7	90	5425.4	213.6		207.5
109.7	95	5684.5	223.8		219.0
114.7	100	5943.6	234.0		230.5
124.7	110	6461.8	254.4		253.6
134.7	120	6980.0	274.8		276.6
144.7	130	7498.1	295.2		299.7
154.7	140	8016.2	315.6		322.7
164.7	150	8534.5	336.0		345.8
174.7	160	9052.6	356.4		368.8
184.7	170	9570.7	376.8		391.9
194.7	180	10,088.9	397.2		414.9
204.7	190	10,607.0	417.6		438.0
214.7	200	11,125.2	438.0		461.0
239.7	225	12,420.6	489.0		518.7
264.7	250	13,716.0	540.0		576.3
289.7	275	15,011.4	591.0		633.9
314.7	300	16,306.8	642.0		691.6

°F	°C	°KELVIN	°RANKINE
- 60	- 51.1	221.1	399.7
- 50	- 45.5	227.7	409.7
- 40	- 40	233.2	419.7
- 30	- 34.4	238.8	429.7
- 20	- 28.9	244.3	439.7
- 10	23.3	249.9	449.7
0	- 17.8	255.4	459.7
5	- 15	258.2	464.7
10	- 12.2	261.0	469.7
15	- 9.4	263.8	474.7
20	- 6.7	266.5	479.7
25	- 3.9	269.3	484.7
30	- 1.1	272.1	489.7
32	0	273.2	491.7
35	1.7	274.9	494.7
40	4.4	277.6	499.7
45	7.2	280.4	504.7
50	10	283.2	509.7
55	12.8	286.0	514.7
60	15.6	288.8	519.7
65	18.3	291.5	524.7
70	21.1	294.3	529.7
75	23.9	297.1	534.7
80	26.7	299.9	539.7
85	29.4	302.6	544.7
90	32.2	305.4	549.7
95	35	308.2	554.7
100	37.8	311.0	559.7
110	43.3	316.5	569.7
120	48.9	322.1	579.7
130	54.4	327.6	589.7
140	60	333.2	599.7
150	65.6	338.8	609.7
160	71.7	344.3	619.7
170	76.7	349.9	629.7
180	82.2	355.4	639.7
190	87.8	361.0	649.7
200	93.3	366.5	659.7
212	100	373.2	671.7
220	104.4	377.6	679.7
240	115.6	388.8	699.7
260	126.7	399.9	719.7
280	137.8	411.0	739.7
300	148.9	422.1	759.7
350	176.7	449.9	809.7
400	204.4	477.6	859.7
450	232.2	505.4	909.7
500	260	533.2	959.7
550	287.8	561.0	1009.7
600	315.6	588.8	1059.7