

RADIO CONSTRUCTORS DATA SHEET

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TEMPERATURE CONVERSION TABLE

In the Table, X may be degrees Fahrenheit or degrees Centigrade. If Fahrenheit the Centigrade equivalent is to the left; if Centigrade the Fahrenheit equivalent is to the right.

°C	X	°F	°C	X	°F
-40.0	-40	-40.0	26.7	80	176.0
-37.2	-35	-31.0	29.4	85	185.0
-34.4	-30	-22.0	32.2	90	194.0
-31.7	-25	-13.0	35.0	95	203.0
-28.9	-20	-4.0	37.8	100	212.0
-26.1	-15	5.0	48.9	120	248.0
-23.3	-10	14.0	60.0	140	284.0
-20.6	-5	23.0	71.1	160	320.0
-17.8	0	32.0	82.2	180	356.0
-15.0	5	41.0	93.3	200	392.0
-12.2	10	50.0	100.0	212	413.6
-9.4	15	59.0	121.1	250	482.0
-6.7	20	68.0	148.9	300	572.0
-3.9	25	77.0	176.7	350	662.0
-1.1	30	86.0	204.4	400	752.0
0	32	89.6	232.2	450	842.0
1.7	35	95.0	260.0	500	932.0
4.4	40	104.0	315.6	600	1,112.0
7.2	45	113.0	371.1	700	1,292.0
10.0	50	122.0	426.7	800	1,472.0
12.8	55	131.0	482.2	900	1,652.0
15.6	60	140.0	537.8	1,000	1,832.0
18.3	65	149.0			
21.1	70	158.0			
23.9	75	167.0			

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METRIC CONVERSION TABLE

The Table gives conversion details for most commonly encountered English and Metric quantities. For ease of use, direct equivalents based on general English or Metric units are provided rather than multiplying factors. Also given are Metric prefixes.

1 cu. ft. = 28.3 LITRES

English to Metric

Metric to English

1 in.	= 2.54 cm	1 mm	= 0.03937 in
1 mil (0.001 in)	= 0.00254 cm	1 cm	= 0.3937 in
1 ft	= 30.48 cm	1 m	= 3.28 ft
1 yd	= 0.9144 m	1 m	= 1.094 yd
1 sq. in	= 6.45 sq. cm	1 sq. cm	= 0.1550 sq. in
1 sq. ft	= 0.0929 sq. m	1 sq. m	= 10.76 sq. ft
1 cu. in	= 16.387 cu. cm	1 cu. cm	= 0.0610 cu. in
1 cu. ft	= 0.02832 cu. m	1 litre	= 61.02 cu. in
1 gallon	= 4.546 litre	1 litre	= 1.760 pint
1 dram	= 1.772 grm	1 grm	= 15.43 grain
1 oz	= 28.35 grm	1 grm	= 0.5643 dram
1 lb	= 453.6 grm	1 grm	= 0.03527 oz
	= 0.4536 Kg	1 Kg	= 2.205 lb
1 ton	= 1,016 Kg	1,000 Kg	= 0.9842 ton
1 metric ton	= 1,000 Kg	1,000 Kg	= 1 metric ton
1 horse power	= 746 watt	1 kilowatt	= 1.341 horse power
1 lb/sq. in	= 70.31 gr/sq. cm	1 Kg/sq. cm	= 14.223 lb/sq. in

Metric Prefix

Symbol

Multiplier

Metric Prefix

Symbol

Multiplier

pico	p	10^{-12}	d	10^{-1}
nano	n	10^{-9}	K	10^3
micro	μ	10^{-6}	M	10^6
milli	m	10^{-3}	G	10^9
centi	c	10^{-2}	T	10^{12}