

Useful Conversions

TO CONVERT	MULTIPLY BY.....	TO OBTAIN
Acres.....	43,400.....	sq. ft.
acres.....	4,047.....	sq. meters
atmospheres.....	1.0333.....	kgs./sq.cm.
atmospheres.....	14.7.....	pounds/sq.in.
Bars.....	0.9869.....	atmospheres
bars.....	14.5.....	pounds/sq.in.
btu.....	778.16.....	foot-pounds
btu.....	1,055.....	joules
btu.....	0.252.....	kilogram-calories
btu/hr.....	0.0003929.....	horsepower
btu/hr.....	0.2931.....	watts
btu/min.....	0.02356.....	horsepower
btu/min.....	0.01757.....	kilowatts
Centimeters.....	0.0321.....	feet
centimeters.....	0.3937.....	inches
cubic centimeters.....	0.06102.....	cubic in.
cubic feet.....	0.02832.....	cu. meters
cubic feet.....	7.48052.....	gallons (u.s. liquid)
cubic feet.....	28.32.....	liters
cubic feet/min.....	0.4719.....	liters/sec.
cubic feet/sec.....	448.831.....	gallons/min.
cubic inches.....	0.0005787.....	cu. ft.
cubic inches.....	0.00001639.....	cu. meters
cubic inches.....	0.004329.....	gallons
cubic inches.....	0.01693.....	liters
cubic meters.....	35.31.....	cu. ft.
cubic meters.....	61.024.....	cu. inches
cubic meters.....	264.2.....	gallons (u.s. liquid)
cubic meters.....	1,000.....	liters
Fathoms.....	1.8288.....	meters
feet.....	0.3048.....	meters
feet.....	304.8.....	millimeters
feet/min.....	0.3048.....	meters/min.
feet/sec.....	18.288.....	meters/min.
foot-candle.....	10.764.....	lumen/sq. meter
foot-candle.....	10.764.....	lux
foot-pounds.....	0.1383.....	kg.-meter
Gallons.....	0.1337.....	cu. Feet
gallons.....	0.003785.....	cu. Meters
gallons.....	3.785.....	liters
grams.....	0.03215.....	ounces (troy)
grams.....	0.002205.....	pounds
grams/liter.....	0.062427.....	pounds/cu.ft.
Horsepower (metric).....	0.9863.....	horsepower
horsepower.....	0.7457.....	kilowatts
Inches.....	25.4.....	millimeters
inches of mercury.....	1.133.....	feet of water
in. of water (at 4°C.).....	0.07355.....	inches of mercury
in. of water (at 4°C.).....	0.00254.....	kgs./sq. cm.
in. of water (at 4°C.).....	5.204.....	pounds/sq. ft.
Joules.....	0.7376.....	foot-pounds
joules.....	0.1020.....	kg.-meters
Kilograms.....	2.2046.....	pounds
kilograms/cu. meter.....	0.06243.....	pounds/cu. ft.
kilograms/sq. cm.....	0.9678.....	atmospheres

