

## Conversion Formulas

Instructions:

To obtain the units in column 3, multiply the units in column 1 by the factor in column 2.

To obtain the units in column 1, divide the units in column 3 by the factor in column 2.

<u>Unit</u>	<u>Factor</u>	<u>Unit</u>
Atmospheres	14.7	PSI
Bar	1.0197	Kilograms/cm <sup>2</sup>
Bar	14.5038	PSI
Gallons	231.0	Cubic Inches
Gallons	128.0	Ounces (Fluid)
Gallons	3.785	Liters
Gallons	0.0038	Cubic Meters
Horsepower	746.0	Watts
Inches	2.54	Centimeters
Kilograms/cm <sup>2</sup>	0.9807	Bar
Kilograms/cm <sup>2</sup>	14.22	PSI
Kilograms/Hour	0.0044	Gallons/Minute
Kilowatts	1.341	Horsepower
Liters	1,000.0	Cubic Centimeters
Liters	0.264	Gallons
Liters	33.8	Ounces (Fluid)
Meters	39.37	Inches
Meters	3.281	Feet
Micron	0.00003937	Inches
Millimeters	0.06	Cubic Inches
Millimeters	0.03937	Inches
Ounces (Fluid)	1.805	Cubic Inches
Pounds/Cubic Foot	0.1198	Specific Gravity
Pounds/Gallon	0.0160	Specific Gravity
Pounds/Hour	0.002	Gallons/Minute
PSI	2.306	Feet of Water
PSI	6.895	Kilopascals (kPa)
PSI	2.037	Inches of Mercury
PSI	0.068	Atmospheres
PSI	0.06895	Bar