



### CONVERSION FORMULAS

To convert to...		Multiply...		By...
Atmospheres	(atm)	Bar	--	0.9869
Atmospheres	(atm)	Inches Mercury	(in Hg)	0.03342
Atmospheres	(atm)	Pounds/square inch	(psi)	0.06805
Atmospheres	(atm)	Torr	--	0.001316
Bar		Atmospheres	(atm)	1.0133
Bar		Pounds/square inch	(psi)	0.06895
British Thermal Units	(Btu)	Joules	(J)	0.000948
British Thermal Units	(Btu)	Kilowatt-hours	(KWh)	3412
British Thermal Units	(Btu)	Watt-hours	(Wh)	3.412
British Thermal Units/hour	(Btu/h)	Kilocalories/hour	(kcal/h)	3.969
British Thermal Units/hour	(Btu/h)	Watts	(W)	3.412
British Thermal Units--- inches	(Btu---in)	Watts/meter---°C	(W/m---°C)	6.933
hour-square foot---°F	(h-ft <sup>2</sup> ---°F)			
British Thermal Units/pound	(Btu/lb)	Kilojoules/kilogram	(kJ/kg)	0.4299
British Thermal Units/pound---°F	(Btu/lb---°F)	Kilojoules/kilogram---°C	(kJ/kg---°C)	0.2388
Calories	(cal)	Joules	(J)	0.2388
Centimeters	(cm)	Feet	(ft)	30.48
Centimeters	(cm)	Inches	(in)	2.54
Centimeters/second	(cm/s)	Feet/minute	(fpm)	0.508
Cubic centimeters	(cm <sup>3</sup> or cc)	Cubic feet	(ft <sup>3</sup> )	28,320
Cubic centimeters	(cm <sup>3</sup> or cc)	Cubic inches	(in <sup>3</sup> )	16.39
Cubic centimeters	(cm <sup>3</sup> or cc)	Milliliters	(ml)	1.0
Cubic feet	(ft <sup>3</sup> )	Cubic meters	(m <sup>3</sup> )	35.32
Cubic feet	(ft <sup>3</sup> )	Gallons, U.S.	(gal)	0.1337
Cubic feet	(ft <sup>3</sup> )	Liters	(l)	0.03532
Cubic feet/minute	(cfm)	Cubic meters/hour	(m <sup>3</sup> /h)	0.5885
Cubic feet/minute	(cfm)	Cubic meters/second	(m <sup>3</sup> /s)	2119
Cubic feet/minute	(cfm)	Liters/second	(l/s)	2.119
Cubic inches	(in <sup>3</sup> )	Cubic centimeters	cm <sup>3</sup> or cc)	0.061
Cubic meters	(m <sup>3</sup> )	Gallons, U.S.	(gal)	0.003785
Cubic meters	(m <sup>3</sup> )	Liters	(l)	0.001
Cubic meters	(m <sup>3</sup> )	Cubic feet	(ft <sup>3</sup> )	0.02832
Cubic meters/hour	(m <sup>3</sup> /h)	Cubic feet/minute	(cfm)	1.699
Cubic meters/hour	(m <sup>3</sup> /h)	Gallons/minute	(gpm)	0.2271
Cubic meters/second	(m <sup>3</sup> /s)	Cubic feet/minute	(cfm)	0.000472
Feet	(ft)	Centimeters	(cm)	0.03281
Feet	(ft)	Meters	(m)	3.281
Feet/minute	(fpm)	Centimeters/second	(cm/s)	1.969
Feet/minute	(fpm)	Meters/second	(m/s)	196.9