

## CONVERSION FACTORS

TO OBTAIN	MULTIPLY	BY
BTU	Kilo Calories	3.9683
BTU	Watts	3.41214
BTU/lb	kJ/Kg	0.43
Centimeters	Inches	2.54
CFM	Cubic Meters Per Hour	0.5886
Cubic Feet	1 Liter	0.035
Cubic Feet Per Minute	Liters Per Second	2.1189
Cubic Feet Per Minute	Cubic Meters Per Minute	35.31
Cubic Meters	1 Cubic Foot	0.0283
Cubic Meters Per Hour	CFM	1.699
Cubic Meters Per Hour	Liters Per Second	3.57
Degrees Celsius	Degrees Fahrenheit	$(F-32)/1.8$
Feet	Meters	3.281
Feet Per Minute	Meters Per Hour	0.05468
Feet Per Minute	Meters Per Second	196.85
Feet Per Second	Meters Per Second	3.28
Fins Per Millimeter	Fins Per Inch Spacing	25.4
Gallons (U.K.) (IMP)	1 Gallon (U.S.)	0.8327
Gallons (U.K.) (IMP)	1 Liter	0.21997
Gallons (U.K.)/Minute	Liters Per Second	13.198
Gallons (U.S.)	1 Gallon (U.K.) (IMP)	1.2
Gallons (U.S.)	1 Liter	0.2642
Gallons (U.S.)/Minute	Liters Per Second	15.85
GPM (U.S.)	GPM Water Flow (U.K.) (IMP)	1.2
Horse Power	Kilowatts (kW)	1.341
Inches	Meters	39.37
Inches Mercury	Pa or N/m <sup>2</sup>	0.004
Inches of Mercury	kPa	0.296
Inches of Water Gauge	Feet of Water Gauge (Water Pressure Drop)	12
Inches WG	Kilo Pascals (kPa)	4.015
Kilo Calories Per Hour	BTU Per Hour	0.251034
Kilo Calories Per Hour	Watts	0.8598
Kilo Pascal	Feet of Water Gauge (Water Pressure Drop)	2.99
Kilo Pascal	PSI (Pounds Per Square Inch)	6.895
Kilo Pascals (kPa)	Inches of Water Gauge (Air Pressure)	0.24908
Kilo Pascals (kPa)	1 Meter Water Gauge	9.804

Kilograms	Pounds	0.4536
Kilograms/Sq Cm	PSI (Pounds Per Square Inch)	0.07
Kilowatts	BTU Per Hour	0.0002931
Kilowatts	Horsepower	0.746
Liter	1 Cubic Foot	28.317
Liter	1 Cubic Meter	1000
Liters	1 Gallon (U.S.)	3.7854
Liters	1 Gallon (U.K.) (IMP)	4.5461
Liters Per Second	CFM	0.4719
Liters Per Second	Cubic Meters Per Hour	0.2778
Liters Per Second	GPM Water Flow (U.S.)	0.0631
Liters Per Second	GPM Water Flow (U.K.) (IMP)	0.07577
Meter WG	Kilo Pascals (kPa)	0.102
Meters	Feet	0.3048
Meters	Inches	0.0254
Meters Per Hour	Feet Per Minute	18.288
Miles Per Hour	Meters Per Second	2.237
Millimeters	Inches	25.4
Pascals	Inches of Water Gauge (Air Pressure)	249.08
Pounds	1 Kilogram	2.2046
Pounds Per Square Inch	Kilograms Per Square CM	14.20
PSI	BAR	14.5
PSI	ATM	14.69
PSI	kPa or N <sup>2</sup> /m <sup>2</sup>	0.145
Square Feet	Square Meters	10.7639
Square Meters	Square Feet	0.0929
Tons Cooling	Kilowatts	0.2843
W/ft <sup>2</sup>	W/m <sup>2</sup>	0.0926
Watts	BTU Per Hour	0.293
Watts	Kilo Calories	1.163

#### Equivalencies

3/8 Inch	Equals	9.53 Millimeters (mm)
1/2 Inch	Equals	12.70 Millimeters (mm)
5/8 Inch	Equals	15.88 Millimeters (mm)
3/4 Inch	Equals	19.05 Millimeters (mm)
1 Inch	Equals	25.40 Millimeters (mm)