

Conversion Factors

To Obtain	Multiply	By
Atmospheres	Kg/sq. meter	0.000096784
BTU	Kg-cal	3.9685
BTU/Kw-hr	Kg-cal/Kk/hr	3.9685
BTU/(hr)(ft)(°F)	Cal/(sec)(cm)(°C)	241.9
BTU/(hr)(sq.ft)	Cal/(sec)(sq.com)	13273
BTU/(hr)(sq.ft)(°F)	Kg-cal(hr)(sq.m)(°C)	0.205
BTU/(hr)(sq.ft)(°F/in)	Kg-cal(hr)(sq.m)(°C/cm)	0.080639
BTU/lb	Kg-cal/kg	1.8
BTU/(lb)(°F)	Cal/(gm)(°C)	1
BTU/sq.ft	Kg-cal/sq. meter	0.36867
Cal/gm	BTU/lb	0.55556
Cal/(sec)(cm)(°C)	BTU/(hr)(ft)(°F)	0.0041336
Cal/(sec)(sq.cm)	BTU/(hr)(sq.ft)	0.000075341
Cal/(sec)(sq.cm)(°C)	BTU/(hr)(sq.ft)(°C)	0.0001355
Centimeters	Inches	2.54
Joules	BTU	1054.8
"Gal (USA, liq.)"	Cu.meters	264.173
"Gal (USA, liq.)"	Liters	0.2642
Sq. ft	Sq. meters	10.764
Cu. Ft	Cu. Meters	35.314
"Gal(USA, liq.)/min"	Cu. Meters/hr	4.4029
"Gal(USA, liq.)/min"	Liters/min	0.2642
Grams	Ounces(avoir)	28.35
Grams/cu.cm	Lb/cu. Ft	0.016018
Inches	Centimeters	0.3937
Inches	Microns	0.00003937
Feet	Meters	3.281
Ft of water @ 39.2 °F	Atmosphere	33.899
Ft of water @ 39.2 °F	Cm of Hg @ 0°C	0.44604
Ft of water @ 39.2 °F	Kg/sq. meter	0.003281