

CONVERSION FACTORS

| To Convert | Into | Multiply By |
|------------------------|-----------------|--------------------------|
| Kilowatts | BTUs/min | 56.92 |
| kws | ft-lbs/min | 4.425 x 10 ⁴ |
| kws | ft-lbs/sec | 737.6 |
| kws | hp | 1.341 |
| kws | kg-calories/min | 14.34 |
| kws | watts | 10 ³ |
| Kilowatts-Hrs | BTUs | 3415 |
| kw-hrs | ft-lbs | 2.655 x 10 ⁶ |
| kw-hrs | hp-hours | 1.341 |
| kw-hrs | kg-calories | 860.5 |
| kw-hrs | kg-meters | 3.671 x 10 ⁵ |
| Liters | ccs | 103 |
| liters | cu ft | 0.03531 |
| liters | cu ins | 51.02 |
| liters | cu meters | 10 ⁻² |
| liters | gals | 0.2642 |
| liters | quarts (liq) | 1.057 |
| Liters/Min | gals/sec | 4.403 x 10 ⁻³ |
| Meters | cms | 100 |
| meters | ft | 3.281 |
| meters | ins | 39.37 |
| meters | kms | 10 ³ |
| meters | mms | 10 ³ |
| meters/min | cms/sec | 1.667 |
| meters/min | ft/min | 3.281 |
| meters/min | ft/sec | 0.05468 |
| meters/min | kms/hr | 0.06 |
| meters/min | miles/hr | 0.03728 |
| Meters/Sec | ft/min | 196.8 |
| meters/sec | ft/sec | 3281 |
| meters/sec | kms/hr | 3.6 |
| meters/sec | kms/min | 0.06 |
| meters/sec | miles/hr | 2.237 |
| meters/sec | miles/min | 0.03728 |
| Micron | meters | 10 ⁻⁸ |
| microns | in | 39 x 10 ⁻⁶ |
| Miles/Hr | cms/sec | 44.70 |
| miles/hr | ft/min | 88 |
| miles/hr | ft/sec | 1.467 |
| miles/hr | kms/hr | 1.609 |
| miles/hr | meters/min | 26.82 |
| Millimeters | cms | 0.1 |
| mms | ins | 0.0397 |
| Minutes (Angle) | radians | 2.909 x 10 ⁻⁴ |

| To Convert | Into | Multiply By |
|-------------------------|-----------------|--------------------------|
| Newton | kgs | 0.1020 |
| Ounces | lbs | 1.805 |
| ozs | gram | 28.349527 |
| Ounces (Fluid) | cu in | 1.805 |
| ozs (fluid) | liters | 0.02957 |
| Pounds | ozs | 16 |
| lbs | tons (short) | 0.005 |
| lbs | newtons (N) | 4.44 |
| lbs | gram | 453.5924 |
| Lbs of Water | cu ft | 0.01605 |
| lbs of water | cu in | 27.73 |
| lbs of water | gals | 0.1204 |
| Lbs of Water/Min | cu ft/sec | 2.679 x 10 ⁻⁴ |
| Pounds/Cu Ft | lbs/cu in | 5.787 x 10 ⁻⁴ |
| Pounds/Cu In | lbs/cu ft | 1728 |
| Pounds/Sq In | atms | 0.06804 |
| lbs/sq in | ft water | 2.311 |
| lbs/sq in | in mercury | 2.036 |
| lbs/sq in | kgs/sq cm | 0.07031 |
| Radians | degrees | 57.29578 |
| Tons (Long) | kgs | 1016 |
| tons (long) | lbs | 2240 |
| tons (long) | tons (short) | 1.12000 |
| Tons (Short) | kgs | 2000 |
| tons (short) | kps | 907.18486 |
| tons (short) | tons (long) | 0.89287 |
| tons (short) | tons (metric) | 0.90718 |
| Watts | BTUs/min | 0.05682 |
| watts | ft-lbs/min | 44.26 |
| watts | ft-lbs/sec | 0.7376 |
| watts | hp | 1.341 x 10 ⁻³ |
| watts | kg-calories/min | 0.01434 |
| watts | kws | 10 |
| Watts/Hours | BTUs | 3.415 |
| watts/hours | ft-lbs | 2655 |
| watts/hours | hp-hrs | 1.341 x 10 ⁻³ |
| watts/hours | kg-calories | 0.8605 |
| watts/hours | kg-meters | 367.1 |
| watts/hours | kw-hrs | 10 ⁻³ |

TECHNICAL REFERENCE — Industrial Hose Conversion Factors