

ENGINEERING CONVERSIONS

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| 1 atmosphere | = | 14.7 pounds/square inch |
| 1 atmosphere | = | 29.92 inches of mercury (at 0° C) |
| 1 atmosphere | = | 1.0333 kilograms/square centimeter |
| 1 BTU | = | 252 calories |
| 1 BTU | = | .0002931 kilowatt-hours |
| 1 BTU | = | .2931 watt-hours |
| 1 centimeter | = | .3937 inches |
| 1 cubic inch | = | 16.39 cubic centimeters |
| 1 cubic foot | = | .02832 cubic meters |
| 1 cubic foot | = | 1728 cubic inches |
| 1 cubic foot | = | 7.48 gallons (U.S.) |
| 1 cubic foot | = | 28.32 liters |
| 1 cubic foot | = | 62.43 lbs. of water |
| 1 cubic centimeter | = | .061 cubic inches |
| 1 cubic meter | = | 35.32 cubic feet |
| 1 foot | = | .3048 meters |
| 1 foot | = | 30.48 centimeters |
| 1 foot | = | 304.8 millimeters |
| 1 gallon (U.S.) | = | 231 cubic inches |
| 1 gallon (U.S.) | = | .1337 cubic feet |
| 1 gallon (U.S.) | = | 3.785 liters |
| 1 gallon (U.S.) of water | = | 8.3453 pounds |
| 1 gallon (Br. Imp.) | = | 1.20095 (U.S) |
| 1 gram | = | .035274 ounces |
| 1 gram | = | .002205 pounds |
| 1 gram/cubic centimeter | = | 62.43 pounds/cubic foot |
| 1 gram/cubic centimeter | = | .03613 pounds/cubic inch |
| 1 horsepower | = | .7457 kilowatts |
| 1 inch | = | 2.54 centimeters |
| 1 inch | = | 25.4 millimeters |
| 1 joule | = | .0002778 watt-hours |
| 1 kilogram | = | 2.205 pounds |
| 1 kilogram/cubic meter | = | .06243 pound/cubic foot |
| 1 kilowatt hour | = | 3412 BTU |
| 1 liter | = | 61.024 cubic inches |
| 1 liter | = | .264 gallons (U.S.) |
| 1 meter | = | 39.37 inches |
| 1 meter | = | 3.281 feet |
| 1 millimeter | = | .0394 inches |
| 1 ounce | = | 0.0625 pounds |
| 1 ounce | = | 28.35 grams |
| 1 pound | = | 453.6 grams |
| 1 pound/square inch | = | 703.1 kilograms/square meter |
| 1 radian | = | 57.3 degrees |
| 1 square foot | = | 144 square inches |
| 1 square foot | = | .0929 square meters |
| 1 square inch | = | 6.452 square centimeters |
| 1 square meter | = | 10.76 square feet |
| 1 watt | = | 3.412 BTU/Hours |
| 1 watt | = | 1.341 x 10 ⁻³ horsepower |
| 1 watt/square centimeter | = | 6.452 watts/square inch |
| 1 watt/square inch | = | .155 watts/square centimeter |
| 1 yard | = | .9144 meters |
| 1 yard | = | 3 feet |