

Conversion Factors

Flow

Liters/Min. x 0.2642 = GPM (U.S.)
 Gallons per Minute x 3.785 = Liters/Min.
 Cu. Meters/Hr. x 4.4 = GPM
 Kg of Water/Min. x 0.263 = GPM
 Lbs. of Water/Hr. x .002 = GPM
 (Lbs of Water/Hr. ÷ S.G.) x .002 = GPM
 (LPM x .2642) ÷ 4.4 = M3/Hr.

Pressure

Feet x 0.3048 = Meters
 Feet of Water x 0.433 = PSI
 PSI x 2.31 = Ft. of Water
 Inches Hg x 1.133 = Ft. of Water
 Inches Hg x 0.491 = PSI
 Atm. x 14.7 = PSI
 Atm. x 33.9 = Ft. of Water
 Meters of Water x 1.42 = PSI

Power

Kilowatt x 1.34 = Horsepower

Metric Prefixes

Kilo 1000
 Hecto 100
 Deca 10
 Deci 0.1
 Centi 0.01
 Milli 0.001

Length

Millimeters ÷ 25.4 = Inches
 Meters x 3.281 = Feet
 Microns x 0.00004 = Inches
 Centimeters x 0.394 = Inches

Mass

Kilograms x 2.2 = Lbs.
 Lbs. x 0.454 = Kilograms
 Gallon of Water x 8.336 = Lbs.
 Cubic Foot of Water x 62.4 = Lbs.
 Density per Foot³ ÷ 62.4 = Specific Gravity
 Lbs per Gallon ÷ 8.35 (water) = Specific Gravity

Temperature

(1.8 x °C) + 32 = °F
 0.555 (°F - 32) = °C

Viscosity

Centistokes ÷ Specific Gravity = Cps
 Centistokes x 4.63 = SSU
 SSU x 0.216 = Centistokes

Legend

PSI = Pounds per Square Inch
 LPM = Liters per Minute
 GPM = Gallons per Minute
 Cps = Centipoise
 SSU = Seconds Saybolt Universal