

BASIC CONVERSIONS & CONSTANTS

Essential Conversions:

1 ft³ = 7.48 gallons

1 gallon = 8.34 lbs (water)

1 MGD = 694 GPM = 1.547 ft³/sec

1 acre = 43,560 ft²

1 ft of H₂O = 0.433 psi

1 psi = 2.31 ft of H₂O

1 HP = 0.746 kW = 550 ft-lb/sec

1 mg/L = 1 ppm

1% = 10,000 mg/L

π = 3.14

Time Conversions:

1 day = 1,440 minutes = 86,400 seconds

1 hour = 60 minutes

1 year = 365 days