Commonly Used Conversions
(U.S. units)

7.5 gal = 1 ft^3
1 gallon = 3.7854 liters

Water:

- boils at 212ºF at sea level (1000 Btu/lb))
- freezes at 32ºF (144 Btu/lb)
- 0.43 psi/ft
- 2.31 ft/psi
- 8.3 lb/gallon
- 62.4 lb/ft^3

1 KW = 3412 Btu/hr = 1000 watts
1 KWH = 3412 Btu

1 psi x 2.063 = in Hg
1" Hg = 0.491 psi

1-therm = 100,000 Btu of natural gas (1000 Btu/ft^3 approx.)

1-lb stream ≈ 1000 Btu