

Conversion Data

1000 BTU/hr = 0.2929 kW or 292.9 W
 1000 BTU = 1.054 MJ
 3,412 BTU/hr = 1.0 kW

1 standard cubic foot NAT Gas = 1000 BTU
 1 standard cubic foot LPG = 2500 BTU
 1 standard cubic meter NAT Gas = 37 MJ
 1 standard cubic meter LPG = 88 MJ

4 inches w.c. = 9.9 mbar
 7 inches w.c. = 17.3 mbar
 11 inches w.c. = 27.2 mbar

1 therm = 100,000 BTU
 10 therm (deca therm) = 1,000,000 BTU

1 psi = 27.91 inches w.c.
 1 psi = 6.895 kPa
 1 inch w.c. = 0.247 kPa

1 pound LPG = 21,560 BTU
 1 gallon (Imperial) LPG = 113,500 BTU
 1 gallon (US) LPG = 94,600 BTU
 1 kilogram LPG = 50.1 MJ
 1 liter LPG = 26.3 MJ

4 inches w.c. = 0.99 kPa
 7 inches w.c. = 1.73 kPa
 11 inches w.c. = 2.72 kPa

$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times (5/9)$
 $^{\circ}\text{F} = (9/5) \times (^{\circ}\text{C} + 32)$

Single Phase (1Ø)
 $I = (\text{KW} \times 1000)/V$

Kilowatt to Amperage

Three Phase (3Ø)
 $I = (\text{KW} \times 1000)/(V \times \sqrt{3})$

Electromagnetic Spectrum

