

IMPERIAL TO METRIC**LENGTH**

ft x 0.305 = m

in x 25.4 = mm

VOLUME

ft³ x 0.028 = m³

UK Gal x 4.546 = Litres

WEIGHT

lb x 0.45 = kg

PRESSURE

psi x 0.069 = barg

psi x 6.89 = kPa (kN/m²)

barg x 100 = kPa (kN/m²)

ft.hd. x 2.98 = kPa (kN/m²)

in.w.g. x 0.249 = kPa (kN/m²)

HEAT AND ENERGY

BTU/hr x 0.00029 = kW

BTU/hr x 0.252 = kcal/hr

BTU/hr/ft² °F x 5.68 = w/m² °C

hp x 746 = W

BTU/lb x 2.326 = kJ/kg

TEMPERATURE

(°F - 32) x 0.555 = °C

VELOCITY/FLOW RATE

gpm x 0.076 = l/s

lbs/hr x 0.000126 = kg/s

ft³/min x 0.000472 = m³/s

ft²/min x 1.7 = m²/hr

ft/min x 0.0051 = m/s

ft/s x 0.305 = m/s

METRIC TO IMPERIAL**LENGTH**

m x 3.28 = ft

mm x 0.039 = in

VOLUME

m³ x 35.31 = ft³

Litres x 0.22 = UK Gal

WEIGHT

kg x 2.2 = lb

PRESSURE

barg x 14.5 = psi

kPa (kN/m²) x 0.145 = psi

kPa (kN/m²) x 0.01 = barg

kPa (kN/m²) x 0.33 = ft.hd.

kPa (kN/m²) x 4 = in.w.g.

HEAT AND ENERGY

kW x 3412 = BTU/hr

kcal/hr x 3.97 = BTU/hr

w/m² °C x 0.176 = BTU/hr/ft² °F

W x 0.0013 = hp

kJ/kg x 0.43 = BTU/lb

TEMPERATURE

(°C x 1.8) + 32 = °F

VELOCITY/FLOW RATE

l/s x 13.2 = gpm

kg/s x 7937 = lbs/hr

m³/s x 2119 = ft³/min

m³/hr x 0.588 = ft³/min

m/s x 197 = ft/min

m/s x 3.28 = ft/s