

ΜΟΝΑΔΕΣ ΜΕΤΡΗΣΗΣ & ΜΕΤΑΤΡΟΠΕΣ ΤΟΥΣ**ΜΗΚΟΣ**

$$1 \text{ m} = 1,094 \text{ yds} = 3,28 \text{ ft} = 39,36 \text{ in}$$

$$1 \text{ ft [']} = 12 \text{ in ["]}$$

$$1 \text{ yd} = 3 \text{ ft} = 36 \text{ in}$$

ΕΠΙΦΑΝΕΙΑ

$$1 \text{ m}^2 = 10,764 \text{ ft}^2 = 1550,016 \text{ in}^2$$

$$1 \text{ ft}^2[\text{sqft}] = 144 \text{ in}^2[\text{sqin}]$$

ΟΓΚΟΣ

$$1 \text{ m}^3 = 1000 \text{ lit} = 35 \text{ ft}^3 = 61000 \text{ in}^3$$

$$1 \text{ lit [dm}^3] = 1000 \text{ cm}^3[\text{ml}] = 0,2642 \text{ US gallon}$$

$$1 \text{ ft}^3[\text{cuft}] = 1728 \text{ in}^3[\text{cuin}]$$

$$1 \text{ US gallon [gal]} = 3,785 \text{ lit}$$

ΒΑΡΟΣ

$$1 \text{ kg} = 1000 \text{ g} = 2,205 \text{ lbs}$$

$$1 \text{ lb [pound]} = 0,4536 \text{ Kg}$$

$$1 \text{ t} = 1000 \text{ Kg} = 1,102 \text{ shtns[short tons]} = 0,9841 \text{ tns [long tons]}$$

ΠΙΕΣΗ

$$1 \text{ kg/cm}^2 = 1 \text{ at} = 0,98 \text{ bar} = 14,223 \text{ psi} = 735,51 \text{ mmHg}$$

$$1 \text{ Atm [φυσική ατμόσφαιρα]} = 1,013 \text{ bar} = 1,033 \text{ kg/cm}^2 = 760 \text{ mmHg}$$

$$1 \text{ bar} = 1,019 \text{ kg/cm}^2 = 14,506 \text{ psi}$$

$$1 \text{ psi [lbs/sqin]} = 2117 \text{ lbs/sqft} = 0,0689 \text{ bar} = 0,0703 \text{ kg/cm}^2$$

$$1 \text{ inHg} = 25,4 \text{ mmHg} = 0,03387 \text{ bar} = 0,491 \text{ psi} = 13,578 \text{ inW} = 0,03454 \text{ kg/cm}^2$$

$$1 \text{ inW} = 2,488 \text{ mbar}$$

.ΕΝΕΡΓΕΙΑ

$$1 \text{ Joule} = 0,278 \times 10 \text{ kwh} = 0,239 \times 10^3 \text{ kcal} = 0,948 \times 10^3 \text{ BTU}$$

$$1 \text{ kwh} = 3,6 \times 10 \text{ Joule} = 859,8 \text{ Kcal} = 3411 \text{ BTU}$$

$$1 \text{ Kcal} = 4184,2 \text{ Joule} = 1,1632 \times 10^3 \text{ kwh} = 3,968 \text{ BTU}$$

$$1 \text{ BTU} = 1054,4 \text{ Joule} = 0,293 \times 10^3 \text{ kwh} = 0,252 \text{ Kcal}$$

ΘΕΡΜΟΚΡΑΣΙΑ

$$^{\circ}\text{C} = [^{\circ}\text{F} - 32] \times 5/9$$