

# GUIDE : USEFUL CONVERSIONS

## LENGTH

1 inch = 2.54 cm (centimeter)

1 inch = 25.4 mm (millimeter)

1 foot = 0.3048 m (meter)

## AREA

1 inch<sup>2</sup> = 6.452 cm<sup>2</sup> (square centimeter)

1 foot<sup>2</sup> = 0.09290 m<sup>2</sup> (square meter)

1 foot<sup>2</sup> = 144 in<sup>2</sup> (square inch)

## VOLUME

1 US gallon = 3.785 l (liter)

## FLOW

1 US gpm (gallon per minute) = 0.2271 m<sup>3</sup>/hr (cubic meters per hour)

1 US gpm (gallon per minute) = 227.1 l/hr (liter per hour)

## PRESSURE

1 psi (pound per square inch) = 2.307 ft of H<sub>2</sub>O (water column)

1 psi (pound per square inch) = 6.895 kPa (kilo Pascal)

1 atm (atmosphere @ sea level) = 1.01325 bar = 14.696 psi (pounds per square inch)

## ENERGY (MOTORS)

1 hp (horse power) = 0.7457 kW (kilowatt)

1kW (kilowatt) = 1.341 hp (horse power)

## WEIGHT

1 oz (ounce) = 28.349 g (gramme)

1 lb (pound) = 0.4536 kg (kilogramme)

1 kg (kilogramme) = 2.205 lb (pounds)

