



# WATER FACTS & FIGURES

## DID YOU KNOW?



- 15mm copper pipe has a cross-sectional area of 176mm<sup>2</sup>
- 22mm copper tube has a cross-sectional area of 380mm<sup>2</sup>, which is 2.16 times greater than a 15mm!
- 28mm copper tube has a cross-sectional area of 615mm<sup>2</sup>, which is 1.62 times greater than a 22mm!
- 35mm copper tube has a cross-sectional area of 962mm<sup>2</sup>, which is 1.56 times bigger than a 28mm!
- 42mm copper tube has a cross-sectional area of 1385mm<sup>2</sup>, which is 1.44 times greater than a 35mm!
- 54mm copper tube has a cross-sectional area of 2290mm<sup>2</sup>, which is 1.65 times greater than a 42mm, and an incredible 13 times more than where we started at 15mm!



The Energy Savings Trust states average daily water use per person in the UK is 142 litres but in fact 78% of people actually believe their household uses less than 60 litres per day!

## DID YOU KNOW THIS TOO?

- A UK gallon contains 4.54 litres, but a US gallon only has 3.78 litres
- 1psi water pressure is generated by approx. 2' in height (feet head). Therefore, a water tank 30' above the ground, generates 15psi, and 15psi is approx. 1 bar in water pressure
- 1 degree Clark (water hardness measurement) is 14.3ppm (parts per million) and ppm and mg/l (milligrams per litre) are the same measurement. i.e. 300ppm and 300mg/l equates to 21 degrees Clark
- In every litre of water there are 1000 millilitres (ml) and is the same as 0.22 UK gallons, which is actually 1.76 pints
- In every cubic meter of water there is 1000 litres, and 1000 litres is equal to 220 gallons