

Categorie Premio **Accessibilità** **Sostenibilità** **Qualità della vita**

Product Name ECO Showerdrop

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Description of innovation social values

- product category
- formal and functional features
- problems solved by innovation
 - user
 - field of application

The Showerdrop is the world's first, universal, low-cost shower meter. It is composed of an LCD display, encased in a plastic, droplet-shaped surround with two droplet-shaped buttons. By means of a simple, educational graphic, numerical counter and audible alert, it informs the user how much water they are using in the shower. Showering/bathing is the biggest user of water in the home and our increasing wasteful use of the world's most precious, finite resources has potentially devastating effects on our environment. Showering/bathing is also the single biggest user of hot water in the home and heating water is the second biggest domestic consumer of energy, after central heating. By informing and educating the user of the volume they use and helping them aspire to a reduced level, it allows them to change their behaviour to minimise water wastage, energy usage and carbon emissions. On a consumer level, it saves the user money in energy and water bills. On a macro-economic level, it is an important tool to facilitate quantum reductions in water and energy usage, and carbon emissions across populations. The Showerdrop is designed specifically for use in showers, both domestic and commercial, yet can be adapted for use in other areas of the home, gardens, even commercial usages.

Description of technical features

- operations
- technology

Electronic timing device with special calibration and algorithm to enable numerical and graphic display of water volume during showering. Incorporates visual and audible alarm when pre-determined MAX volume is reached. Waterproof case. LCD Display. Battery powered – approx battery life in normal use more than 1 year

Dimensions

70 x 100 mm

Materials

ABS

Certifications

CE

Benefits for environment

On a consumer level, it saves the user money in energy and water bills. On a macro-economic level, it is an important tool to facilitate quantum reductions in water and energy usage, and carbon emissions across populations.

Benefits for human being

On a consumer level, it saves the user money in energy and water bills

In the UK, Govt NGO's estimate that an average family of 4 using the Showerdrop, could save 40,000 litres of water, 2,500kWh of energy and 0.65 T of Co2per year.