

## NEW SHOWER WATER REUSE SYSTEM

### Description:

The system allows a large part of the shower water to be recovered in a simple way, to be used in the toilet. It does not require electricity, nor does it manually carry any weight. The system consists of a funnel specially designed to be attached to a bucket, in such a way that it maximizes the water that falls from the shower (it can also be used to collect rainwater). The accumulated water can be pumped into a reservoir above the toilet using a hand pump. The water in this upper tank can be used to fill up the water in the tank whenever the user wishes.

### Keywords:

[Water](#), [Shower](#), [Water Reuse](#), [Water-Saving](#)

### Sectors:

[Engineering](#), [Environment and Energy](#)

### Areas:

[Quality of life](#), [New technologies](#)



### Advantages:

The presented system does not require much force to be used and is cheap compared to other systems for the same purpose, although the price will depend a lot on the number of units that are manufactured. It allows you to save water in the shower, which implies economic savings, and an important ecological advantage in a climate crisis scenario in which we find ourselves.

### Uses and Applications:

The system is ideal for use in domestic homes, although it can also be used in hotel establishments. The funnel can also be used as a rainwater collection system for irrigation or other applications.

**Patent Number:** ES1254140U; ES1254140Y

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**Filing Date:** 30/09/2019

**Protection Level:** National (Spain)

**Processing Status:** Spanish utility model