

AzuLoop

Every drop counts.

Have you ever thought about how much water is wasted while you wait for your shower to warm up? On average, 5 to 10 liters go down the drain every shower; adding up to around 30 liters a day for a typical family.

AzuLoop turns this wasted water into a resource. With a simple addition to your shower, the cold water that runs before reaching the right temperature is diverted into a smart tank placed above your toilet. This collected water can be used to flush the toilet, no extra effort required.

How does it work?

1

Set your desired temperature on the thermostat. The temperature sensor sends data to the microcontroller, which controls the solenoid valves.

Thermostat

2

If the water isn't warm enough, the valve to the toilet tank opens while the one to the showerhead closes.

Micro-controller

Solenoid valves

Temperature sensor

3

Float-level sensors in the tank detect whether there's enough space for more water or enough stored to flush the toilet.

Float-level sensors

Solenoid valves

4

Based on this, the solenoid valves either release the stored water or switch to the main water supply when needed.

30 liters capacity

Let's stay in touch.

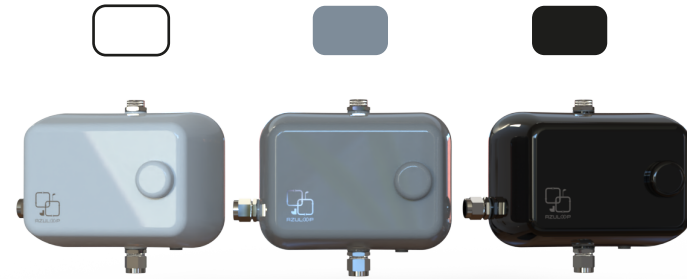
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DE ENGENHARIA DO PORTO

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"It's a small change with a big impact, helping you move toward a more eco-conscious home while saving water, money, and contributing to the planet's health."



Pick the perfect match



Our services



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Where?



www.azuloop.com



Your local retail store for
bathroom and plumber supplies

