

Loopin > EVERY DROP COUNTS





# THE WORLD WE LIVE IN

- **ENERGY CRISIS**

In these times, energy prices and accessibility could be an issue

- **WATER SHORTAGE**

Water shortages affect many regions in the world

- **INDULGENT CONSUMPTION**

The people are not ready to change their high standard of living

# WHILST SHOWERING YOU SPEND MORE MONEY ON THE ENERGY THAN THE WATER.



## MONEY

The price of the heating the water up for a single shower is much greater than the cost of the water itself. With Loopin, you can save a surprising amount of money!

EXPENDITURES OVER ONE YEAR PER 1 PERSON

**UP TO \$550**

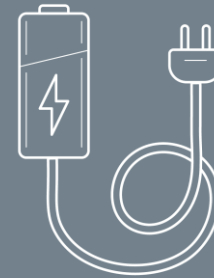


## WATER

You can place this small device in the shower next to you and you can enjoy longer showers whilst saving 240 litres of water.

WATER CONSUMPTION OVER ONE YEAR PER 1 PERSON

**UP TO 72000L**



## ENERGY

Heating up the water uses an incredible amount of energy, which all goes wasted under just 20 seconds.

ENERGY CONSUMPTION OVER ONE YEAR PER 1 PERSON

**UP TO 2100 KWH**



## CO<sub>2</sub>

The less the energy production, the less CO<sub>2</sub> emission is created. In these difficult times, every gram of CO<sub>2</sub> emission that you save can help earth to be more sustainable.

CO<sub>2</sub> EMISSION OVER ONE YEAR PER 1 PERSON

**UP TO 1500KG**

# WATER IS LIFE, DO NOT WASTE IT

**THE WARMER THE SHOWER THE MORE ENERGY IS USED, WHICH RESULTS IN HIGHER EMISSIONS OF CO2.**

Without Loopin, a shower uses up to **240 litres (~63gal) of water**, whereas with Loopin a shower uses **10-12 litres (~3gal) of water**, whilst maintaining the consistent water temperature and quality.

**Our main goal with Loopin, is to manufacture a product, which helps us create a world with higher sustainable water consumption, reduced energy usage and decreased carbon dioxide pollution.**

## HOW TO CHANGE THINGS FOR THE BETTER

**SAVE ENERGY, SAVE WATER AND REDUCE CARBON EMISSION**



# AND THAT IS THE STORY OF CREATING LOOPIN

## WHAT IS LOOPIN?

Loopin is a device that can recirculate water in the shower real time while cleaning and reheating it on the spot.

**Meaning, you can shower with the same 5-10 litres of water, instead of using up to 240 litres of water.**

Loopin

# LOOPIN RECIRCULATION METHOD

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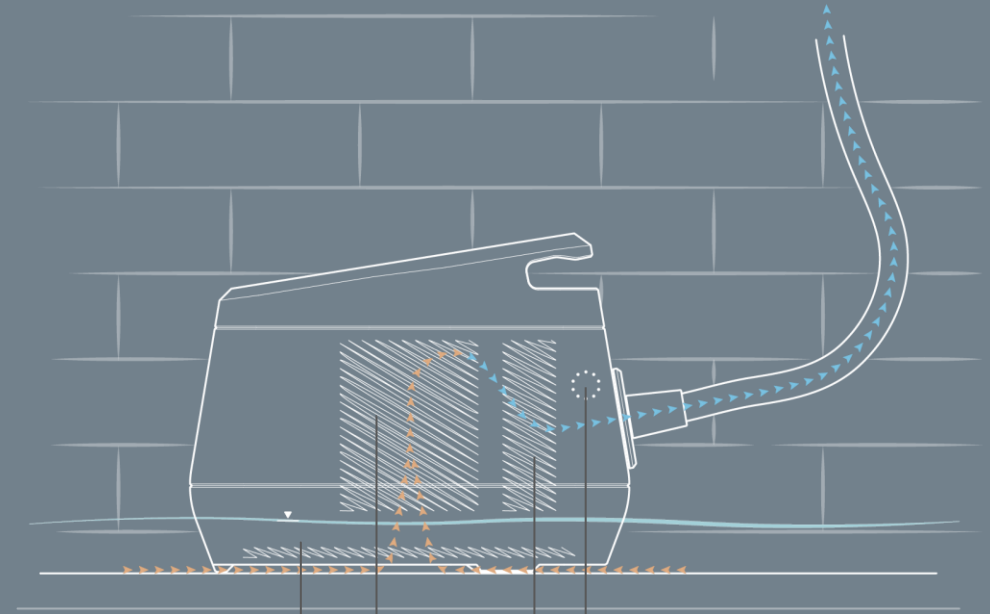


# WHAT LOOPIN DOES

The water pumped up passes through a **3-level filter system**, which removes most of the contamination. After that there is a **UV-C LED** for disinfection.

The built-in **heating system** keeps the temperature of the water or raises it by a couple of degrees.

Any standard shower hose can be connected to the **1/2-inch** connector at the back of the device.



## PRE-FILTER

This is the first layer, which filters out impurities still visible to the eye, the hairloss also get caught above this filter layer.

## MAIN FILTER

The second layer captures collagen-type impurities that are no longer visible to the eye.

## ACTIVATED CHARCOAL

The third stage is an activated charcoal filter, which binds the chemicals in the water.

## UV-C LED

The last stage is an UV-C LED for efficient disinfection.

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## SUITABLE FOR ALMOST EVERYONE

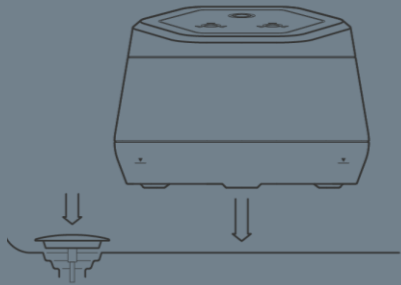
Loopin is free to go anywhere with you. Loopin is independent of your water and power system, as it works with a rechargeable battery. The battery-operated energy efficient heating system provides warm filtered water for your showers with less energy usage. With one charge of Loopin, you can shower for about 1.5 hours without the feeling of guilt. Just charge it, and it is ready to go!

Because of its built-in battery and ease of installation, it's a great choice for a family home, a weekend house, an off-grid building, a camper van, and even for a commercial truck. It is also great for those locations with no electricity and a limited amount of water.



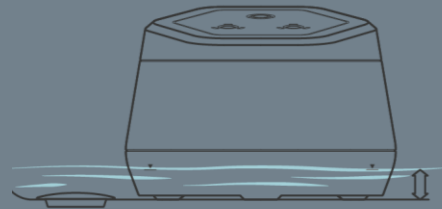


# HOW TO USE



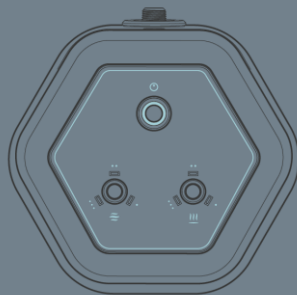
## 1. PLACE LOOPIN

Plug the drainhole, and place Loopin on the lowest part of your tub/tray.



## 2. FILL WATER

Fill your tub/tray with warm water to the level of indicator sign on the side of the device.



## 3. START LOOPIN

Turn on your Loopin, and adjust the water temperature and the water flow as you wish.

# THE ANATOMY OF LOOPIN

- MINIMALISTIC CONTROL PANEL
- HEATING UNIT
- INTEGRATED BATTERY
- UV LED SANITIZER
- HIGH PERFORMANCE WATER PUMP
- 3-LEVEL FILTER SYSTEM WITH ACTIVATED CHARCOAL FILTER
- 1/2" HOSE CONNECTOR



## THE CALCULATIONS ARE BASED ON

The results are specified for **1 shower** per day for **1 person**.

Heating 1 liter of water by **1 °C** requires **1.16 Wh** of energy.

The temperature of the water is increased by **30 °C**.

The **CO2** generated during the production of **1 kWh** of electricity: **0.5675 kg**.

The **CO2** released upon burning 1 m<sup>3</sup> of gas: **1.8 kg**.

The water requirement of Loopin: **12 l/shower**.

The production and delivery of clean water: **2 kWh/m<sup>3</sup>**.

The CO<sub>2</sub> released during wastewater treatment: **0.046575 kg/shower**.



# CONTACT US

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