Shower with heat recovery.

Up to 63% profit!

The most refreshing way, to save energy.

Efficient
Wins up to 63% of the heat back.

Amortisation
The first shower drain that pays for itself.

Simplicity
Quick installation and thorough cleaning.

Electricity free
Requires no electricity or complex controls.

Joulia Ltd. - March 2019
The challenge

Hot water production requires in contemporary buildings as much energy as all other heating.

And after only two seconds of usage, we flush this precious heat energy into the canalization.

What a shame, we thought at Joulia and invented a simple technology to recover this heat energy, which functions very efficiently and reliable, without moving parts or complex controls.

Joulias’ heat recovery provides therefore more efficiency and more comfort, and at the same time lower costs for energy and the entire hot water infrastructure.

Small detour – big effect

Instead of flushing the heat directly into the canalization, the warm used shower water flows, thanks to Joulias’ drains, first over a double-walled heat exchanger, which extracts the heat of the wastewater and heats up thereby the cold fresh drinking water.

Through this efficient preheating, much less hot water has to be added later at the mixing valve, which saves up to 63% of energy and money.

Joulias’ shower drains with integrated heat recycling can be operated with all methods of warm water heat production, at which the decentralized systems come into benefit of the entire efficiency.
World premiere at ISH 2019

Because energy efficiency takes a more important role, the heat recovery of Joulia will soon be available in double execution! Joulia-Twinline is the name of the new product generation and offers for small shower heads efficiency values up to 63% and for big shower heads a performance of 20 kW! Thanks to this powerful heat recycling, the hot water production becomes extremely unburdened, because even less than half of the energy is used for the same shower comfort! A conscientious approach to energy savings - as satisfying as your daily shower.

Performance & efficiency

**Performance** Layout A
The bigger the shower head, the better the performance.

**Efficiency** Layout A
The smaller the shower head, the higher the efficiency.