

# Basin heat exchanger

KASAGPool

Waste water and process water can be used as sources of energy. The heat exchanger element is submerged in the liquid. Heat exchange occurs over the vertical surfaces by means of free convection. Pool heat exchangers are suitable for energy recovery from basins of any kind. The modular structure enables bespoke, scalable solutions for different applications. For example, as a source of energy in the retention basins at thermal baths. In order to shorten installation times, the heat exchanger registers and the piping are supplied pre-assembled.



## Technical data

Material	Stainless steel 1.4404, 1.4571
Material Pipes	Stainless steel 1.4404, 1.4571 or PE
Application	Suitable for heating and cooling
Area of use	Process water, waste water, drinking water, liquids of all kinds which contain solids
Installation places	in clarifiers, retention basins, sedimentation tanks, etc.

## Heat exchange performance

Heat exchanger surfaces approximately 2.14 kW/m<sup>2</sup>

## Assumptions

Waste water temperature	13 °C
Inlet temperature	6 °C

