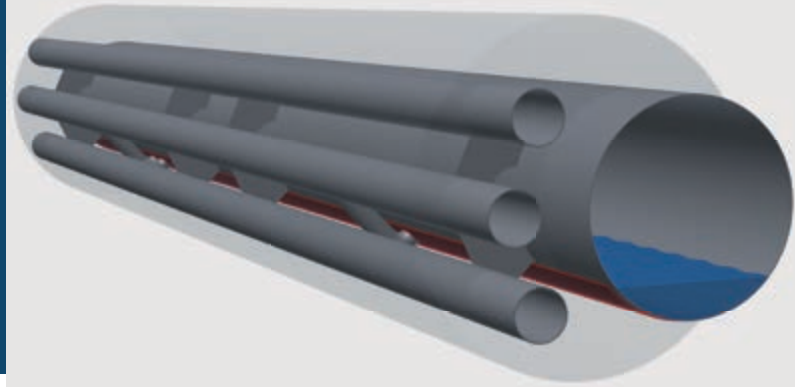


# Sewage-pipe heat exchanger

KASAG Gravitytube

The waste water in the main pipe is used as a source of energy. Heat can be extracted as well as discharged by means of a special double jacket. The amount of waste water and the natural incline determine the waste water level in the main pipe. The sewage pipe heat exchanger is suitable for energy recovery in completely new or replaced sections of waste water channels.



## Technical data

Material	Stainless steel 1.4404, 1.4571
Jacket	insulated, PE jacket
Segment lengths	2–6 metres
Application	Suitable for heating and cooling
Area of use	Wastewater (industrial, municipal)
Installation places	Underground or laid in the open air

## Heat exchanger performance (heating)

Main pipe diameter	
200 mm	0.6 kW / m
400 mm	1.1 kW / m
600 mm	1.6 kW / m
800 mm	2.1 kW / m
1200 mm	3.2 kW / m

## Assumptions

Waste water temperature	3 °C
Inlet temperature	6 °C
Wetted surfaces	120° of the circumference

