



It's not waste. It's energy.

Heat exchanger

Optimised energy utilisation ensured by plant specific design



The AAT heat exchanger is used to heat the digested sludge in digester tank.

For perfect fermenting conditions, a constant sludge temperature is required in the digester tank.

In order to achieve this, the digested sludge is circulated in a pipe heat exchanger and is heated to the requested temperature through hot water in a counterflow procedure.

With respect to sludge quality, performance and energy efficiency, the heat exchangers are optimised for the respective case of application.

Advantages:

- ✓ Material: Stainless steel 1.440x (SS316)
- ✓ Designed as specified by customer
- ✓ Pipes rooting depth and welded gas-tight
- ✓ Total construction pickled
- ✓ Compact construction

Options:

60 mm mineral wool insulation and aluminium lining.