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 digestor 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 1.4404 (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