



## External digester heating

With an external digester heating, it can be ensured a heating and cooling of the substrate in an extremely compact and service friendly way.

The system can be delivered pre-assembled , so it must be connected to the site only with the product and service side.

### Advantages

#### The corrugated M- Tube heat exchanger has many advantages, especially when compared to heating coils in the digester

- separate unit that can be checked at any time and quickly serviced
- low-maintenance heat exchanger, completely removable (removable inner tube)
- no replacement parts needed
- with one heater, it is possible, by switching the substrate circles, to heat / cool several digesters
- no on-site assembly
- clearly defined interfaces
- available with control panel
- 24 hour service / remote maintenance
- by space-saving design it is possible to install the heat exchangers in a frame (indoor) as well as in a container (outdoor)
- compact , modular design. Easily extendable by a modular principle
- due to corrugation of the heat exchanger, there is a higher turbulence, which results to a better heat transfer and reduces / prevents fouling (self cleaning)
- due to the higher power in comparison with conventional heat exchangers, less area , and thus requires less material
- every system is produced to customer specification
- with CIP-connections
- with insulation
- long life, since the heat exchanger are made of stainless steel (AISI 304/316 and higher)



Quick fastener  
(easily demountable  
bends)

Insulation

Special  
corrugation

Inner tube  
demountable

