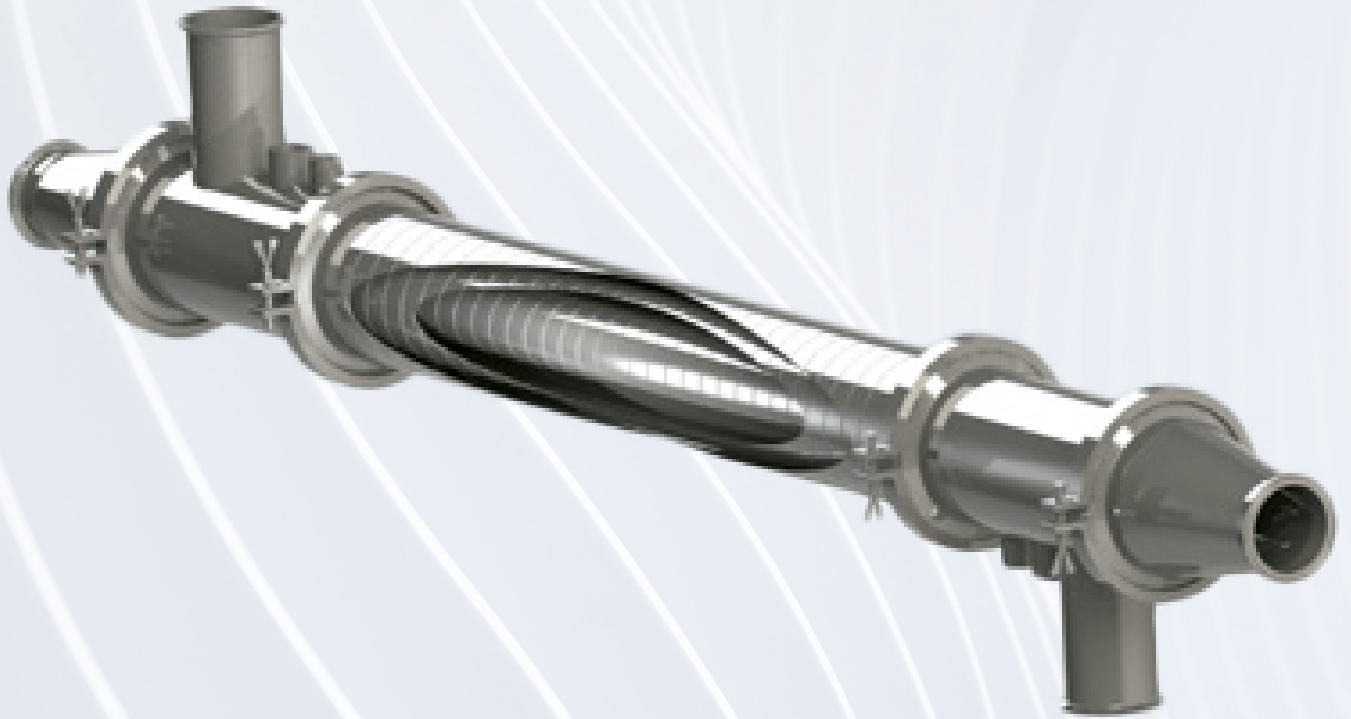


XLG ● ●

XLG®T TRIPLETUBE



OEMSales

200 East Big Beaver Road, Troy, MI 48083
P: (248) 752-2620 | E: Sales@oemsalesinc.com

TRIPLETUBE FOR SANITARY VISCOUS PRODUCTS

XLG Triple-Tube Corrugated Shell & Tube heat exchangers are ideally suited for high viscosity products or viscous products containing small particles, fibers, or slurries. Ideally suited for Industrial Process, Heating/Cooling of Sludge & Feedstocks, Wastewater Treatment, CPI, Sanitary, and many other challenging applications where traditional spiral or plate heat exchangers are susceptible to clogging and high fouling rates.

The heat exchanger is formed by 3 or 4 concentric corrugated tubes (in the latter case the innermost tube is blank). Product flows in between 2 service channels and is heated or cooled from the inside and outside. A single product channel isolates and prevents cross contamination between product and service circuits and are suitable for aseptic applications. The Product side is easily accessed for inspection and cleaning if required as necessary, or for scheduled plant maintenance.

Design conditions

- Temperature: min -40°C(40°F) / max +180°C (+356°F)
- Pressure: min full vacuum/max 25 bar(365 Psi)

Higher temperature and pressure ratings are available subject to a revision of component thicknesses and connection types.

Materials

Tube side in AISI-316L and shell side in AISI-304 or AISI-316 (connections included). Other materials available on request (Duplex Stainless Steels, Titanium, Hastelloy, High Nickel Alloy Steels, and other Alloys as required)

Connections

- DIN/ISO, ASME, Sanitary, Grooved, BPE clamps and others upon request.
- DIN11851, SMS and other threaded fittings.
- I-line and S-line connections.



Viscous and particulated
XLG®T Tripletube is a single path unit for products of high viscosity and small particles

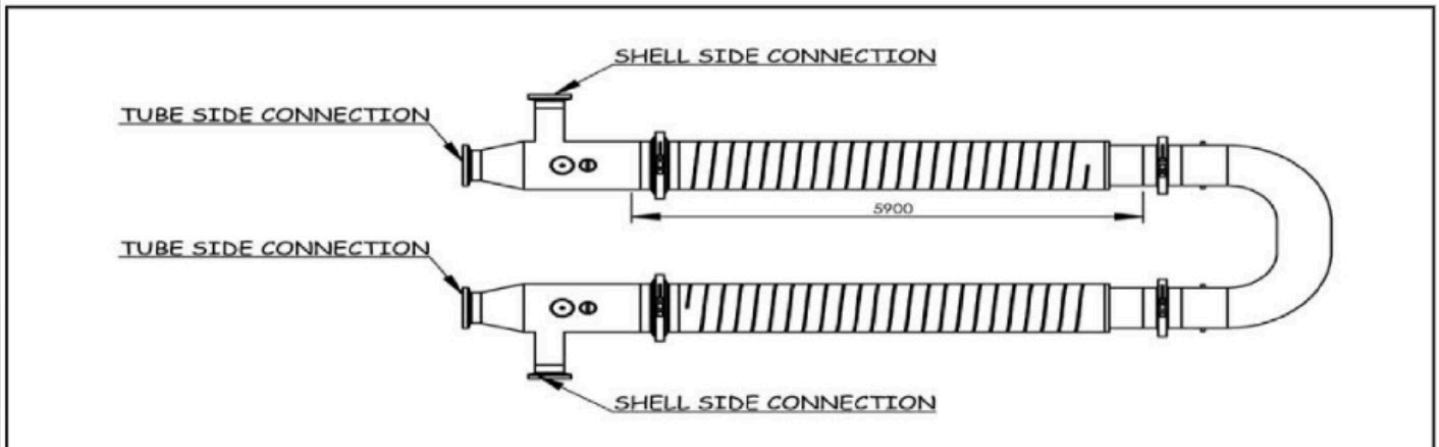


www.xlgthermal.com



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T TRIPLETUBE TECHNICAL DATA SHEET



| Model | Connections | | Exchange Area m ² /ft ² | Volume | |
|----------------|---------------------------|---------------------------|--|--------------------|-------------------|
| | Shell DIN-ISO/ASME BPE | Tubes DIN-ISO/ASME BPE | | Shellside lt/Ga | Tubeside lt/Ga |
| T3-3/2/1.5 | DN25/1" | DN25/1" | 1.7/18.0 | 18.9/5.0 | 3.9/1.0 |
| T3-3/2/1 | DN25/1" | DN25/1" | 1.4/15.5 | 15.4/4.1 | 7.7/2.0 |
| T3-4/3/2.5 | DN40/2" | DN40/2" | 2.6/28.3 | 38.2/10.1 | 6.2/1.6 |
| T3-4/3/2 | DN40/2" | DN40/2" | 2.4/25.8 | 31.5/8.3 | 13.5/3.6 |
| T3-4/3/1.5 | DN50/2 1/2" | DN50/2 1/2" | 2.2/23.2 | 26.5/7.0 | 18.4/4.9 |
| T4-5/4/3.5/2.5 | DN65/3" | DN65/3" | 39.6/10.5 | 39.6/10.5 | 10.8/2.9 |
| T4-5/4/3/2 | DN65/3" | DN65/3" | 3.4/36.6 | 36.9/9.7 | 20.7/5.5 |
| T4-5/4/2.5/1.5 | DN80/3" | DN80/3" | 3.2/34.0 | 34.2/9.0 | 29.1/7.7 |
| T4-6/5/4.5/3.5 | DN100/4" | DN100/4" | 4.6/49.4 | 47.7/12.6 | 12.1/3.2 |
| T4-6/5/4/3 | DN100/4" | DN100/4" | 4.4/47.3 | 44.4/11.7 | 22.7/6.0 |
| T4-6/5/3.5/2.5 | DN100/4" | DN100/4" | 4.1/44.2 | 42.6/11.3 | 36.4/9.6 |

Notes:

- (1) Dimensions shown on the drawing above are expressed in mm (millimeters).
- (2) Heat exchange area, volumes and empty weight refer to 6m/20' long units.
- (3) Standard heat exchangers length can be 6m/20', 3m/10' and 2m/6.56'. Others on request.
- (4) XLG reserves the right to amend any of the above technical data without prior notice subject to project conditions.



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