

# Multitubular heat exchangers KF Type

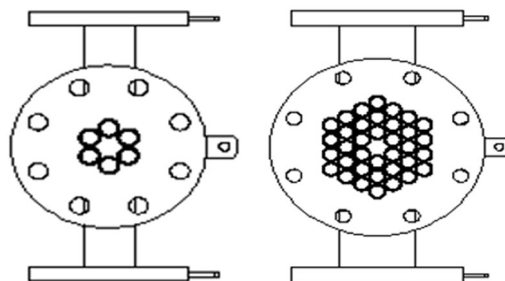
## Our range of tubular heat exchangers on stock



- Available on stock
- Compact design
- High thermal efficiency
- Cleanability on Tube side
- Highly cost-effective

**Heat transfer surface:** Available from 0.5 to 6 m<sup>2</sup>, adaptable to your specific needs.

- KF1 : 0,5 m<sup>2</sup> ;
- KF2 : 1 m<sup>2</sup> ;
- KF3 : 2 m<sup>2</sup> ;
- KF4 : 3 m<sup>2</sup> ;
- KF8 : 6 m<sup>2</sup>.

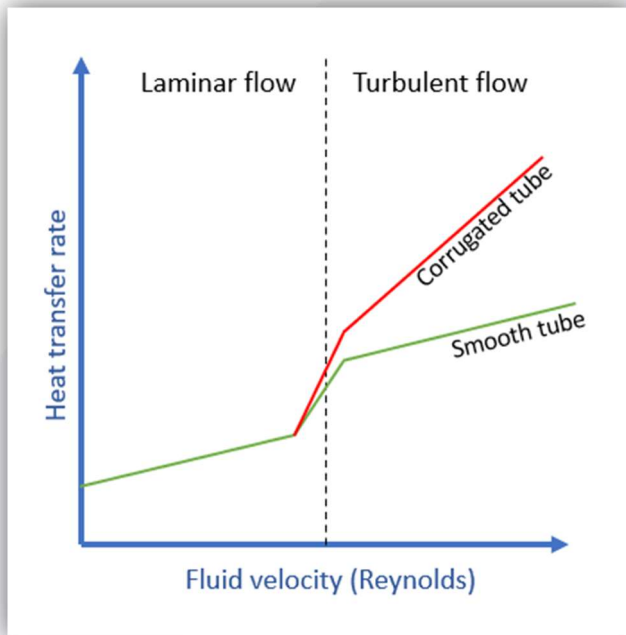


### Construction:

- **Standard length:** 1440 mm ;
- **Connection type:** Direct connection on tube sheets (exchanger designed as a piping element) ;
- **Material:** Fully made of stainless steel AISI 316L – 1.4404 ;
- **Tubes:** Seamless corrugated tubes ;
- **Integrated expansion bellow :** Allows absorption of thermal stresses ;
- Additional features: Option to add a **vent connection and front/rear boxe** ;
- The heat exchanger can be installed **horizontally or vertically**.

## Key Advantages

- **Reduced fouling:** Corrugation minimizes particulate fouling ;
- **Enhanced thermal efficiency:** Corrugation intensifies the heat transfer coefficient ;
- **Cost-effective solution ;**
- **Available on stock ;**
- **Improved reliability:** The integrated expansion compensator absorbs thermal stresses, extending the heat exchanger's lifespan.



## Resistance to a wide range of pressure and temperature:

- Up to 10 barg and 180°C (higher specifications available upon request) ;
- Vacuum integrity on both sides.



## Additional selection criteria:

- Construction code: CODAP ;
- CE marking: In compliance with the European Pressure Equipment Directive (PED) 2014/68/EU ;
- Versatile applications (single-phase, condensation, and evaporation processes).