

Product & Technical Configuration



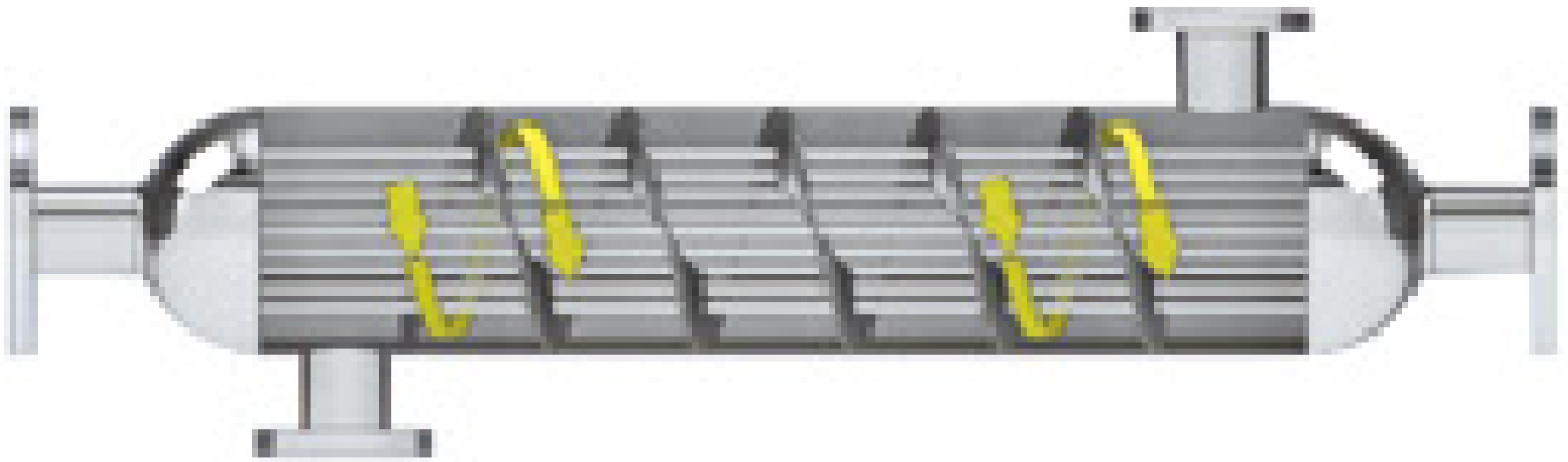
Overview

Helical baffles guide shell-side flow along the tube bundle to reduce abrupt flow reversals and stagnant zones. Tube support helps reduce the risk of flow-induced vibration.

Technical Configuration

Item	Configuration
Brand	IKUSE
Shell-side flow guidance	Sector baffles form a helical flow path
Features	Enhanced shell-side heat transfer, reduced deposits and tube support
Structure	Tube bundle with helical baffles
Configuration basis	Fluids, thermal duty, allowable pressure drop and maintenance conditions

Shell-side Flow & Tube Support



Tube bundle with helical baffles

Sector baffles guide shell-side fluid in a continuous helical path along the bundle, reducing abrupt reversals and stagnant regions.

Helical support reduces unsupported tube span and the risk of flow-induced vibration or resonance. Flow across the bundle helps reduce fouling deposits.

Check thermal duty, allowable pressure drop, fluid properties and maintenance conditions together.