

Unbreakable design for maximized performance

Alfa Laval Olmi transfer line exchangers (TLE)



Alfa Laval Olmi TLEs offer safer operation, longer continuous uptime and maximized product lifetime overcoming problems within conventional solutions. Nearly indestructible, Alfa Laval Olmi TLEs ensure trouble-free performance with optimal lifetime capacity.

Indestructible solutions for huge cost savings

TLEs play a vital role in the ethylene production process and it is crucial that they are reliable. Every failure or stop means large losses of production and tremendous financial loss so securing maximum uptime is imperative for good

profitability. With Alfa Laval Olmi TLEs you are assured an optimized performance, saving both time and money.

Patented innovative design

In the ethylene production process the TLE is one of the dominant solutions for quickly cooling of gas after cracking. Alfa Laval Olmi's patented design concept is an innovative solution that ensures reliable operation and trouble-free performance. Alfa Laval Olmi TLEs solve the problems and answer to the weaknesses of traditional solutions, such as erosion and corrosion, structural damage through heat stressed welds, and uneven coolant flow.



Internal bore welding.

По вопросам продаж и поддержки обращайтесь:

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Designed not to break

In the Alfa Laval Olmi TLEs, the critical areas have been addressed and weak spots erased. In the TLE a one-piece forged and machined base plate, protected by an inconel layer, avoids erosion and corrosion problems. By placing tube welds well encased within the boiling medium, a much lower stress is put on the structure meaning no weld breakage. Securing undisturbed high velocity water circulation and flow leads to optimal cooling and self-cleaning.

Together these Alfa Laval Olmi TLE innovations overcome the structural problems of fast quenching of cracked gas. This ensures you a maximum lifetime for the TLE with continuous reliable operation year after year.



Alfa Laval Olmi solutions have been tried, tested and praised on almost 300 sites across the world.

Alfa Laval Olmi TLE advantages:

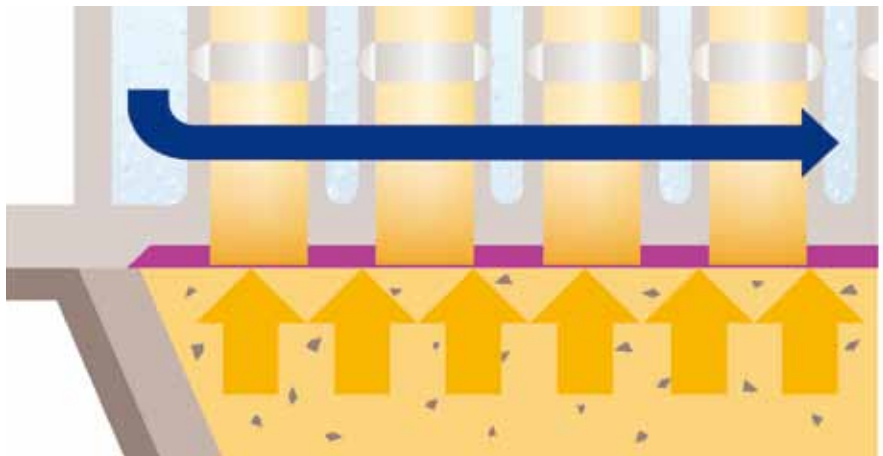
- Corrosion and erosion free.
- Tube welds located in the boiling medium, resulting in minimum weld overheating.
- High velocity water circulation – self-cleaning and optimal cooling.
- Thin tube-sheets design – flexibility and low skin temperatures.
- Easy maintenance by boroscope examination and, in case of poor water quality, mechanical cleaning using cleaning lancets.

The unique Alfa Laval Olmi TLE benefits

- Reliable operation with no breakage
- Longer lifetime
- Easy cleaning and weld inspection



Even flow of coolants where most needed.



Inlet protected by inconel layer to minimize erosion.

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