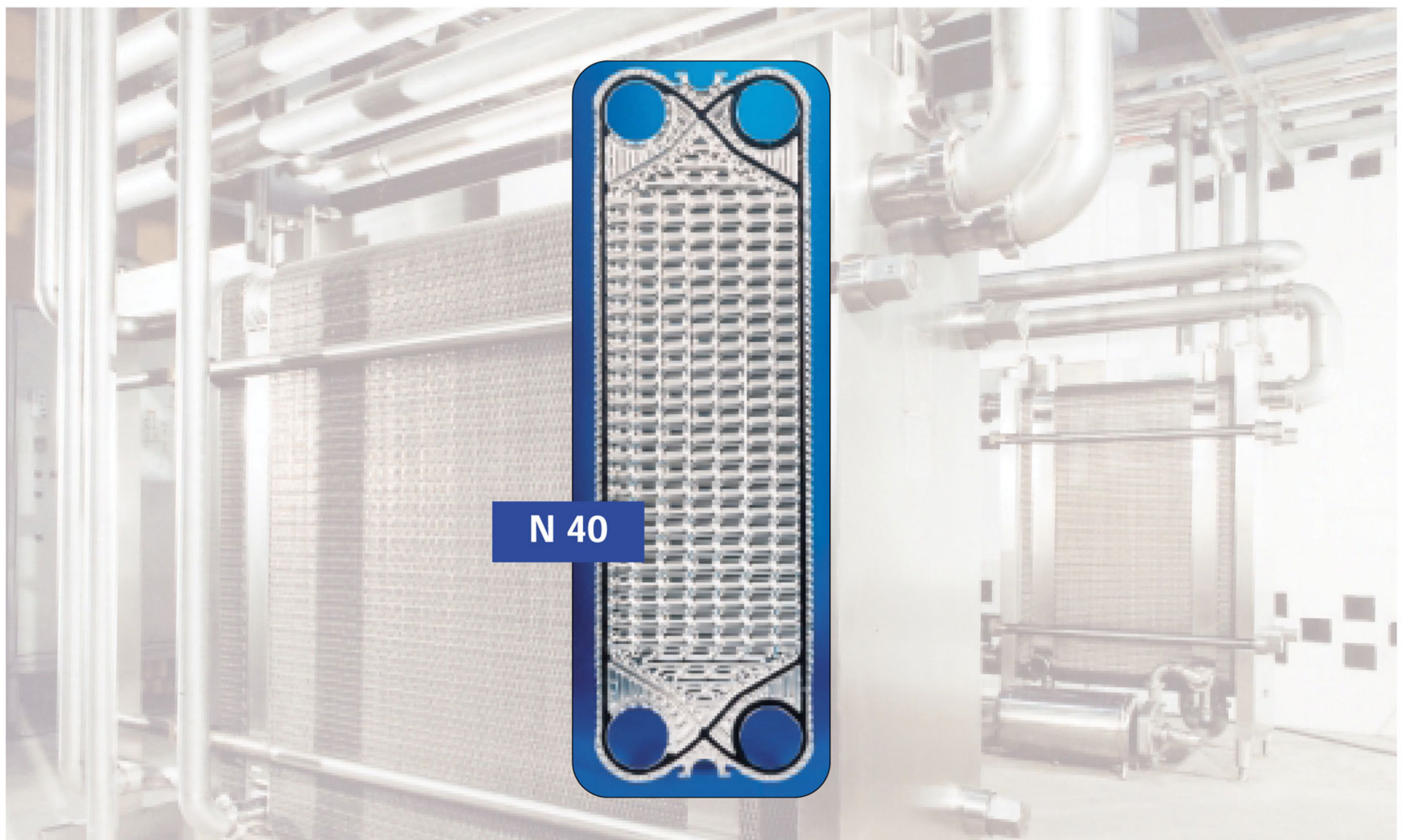


Plate Heat Exchanger System - FREEFLOW N 40

سیستم مبدل حرارتی صفحه‌ای در آب‌میوه‌های پالپ‌دار



Application

The Plate Heat Exchanger FREEFLOW N 40 is generally used for heating and cooling fluids as well as for condensing vapours. Due to its very high regenerative efficiency, the system is specially suitable for heat recovery.

The FREEFLOW N 40 has been certified according to 3A Sanitary Standards.

Design

The FREEFLOW N 40 is a compact, expandable, high performance heat exchanger. It contains packs of corrugated plates sealed with gaskets, compressed in a frame by 2 deflection resistant end plates and tightened with bolts. Different plate packs separated in sections by intermediate plates allow the performance of several independent thermal process steps in one frame.

Plate

The FREEFLOW N 40 plate has a horizontal „wash board“ profile in the heat transfer area. Plate support surfaces divide the product stream vertically and the product passes unhindered through the flow gap.

The plates of the same type and gasket are compiled in packs with the alternate plate rotated by 180°.

- LOC-IN adhesive free gasket, held in place by constrictions in the groove, even in the leakage chamber area.



FREE FLOW N 40 Fruit juices pasteuriser

FREE FLOW System "N"

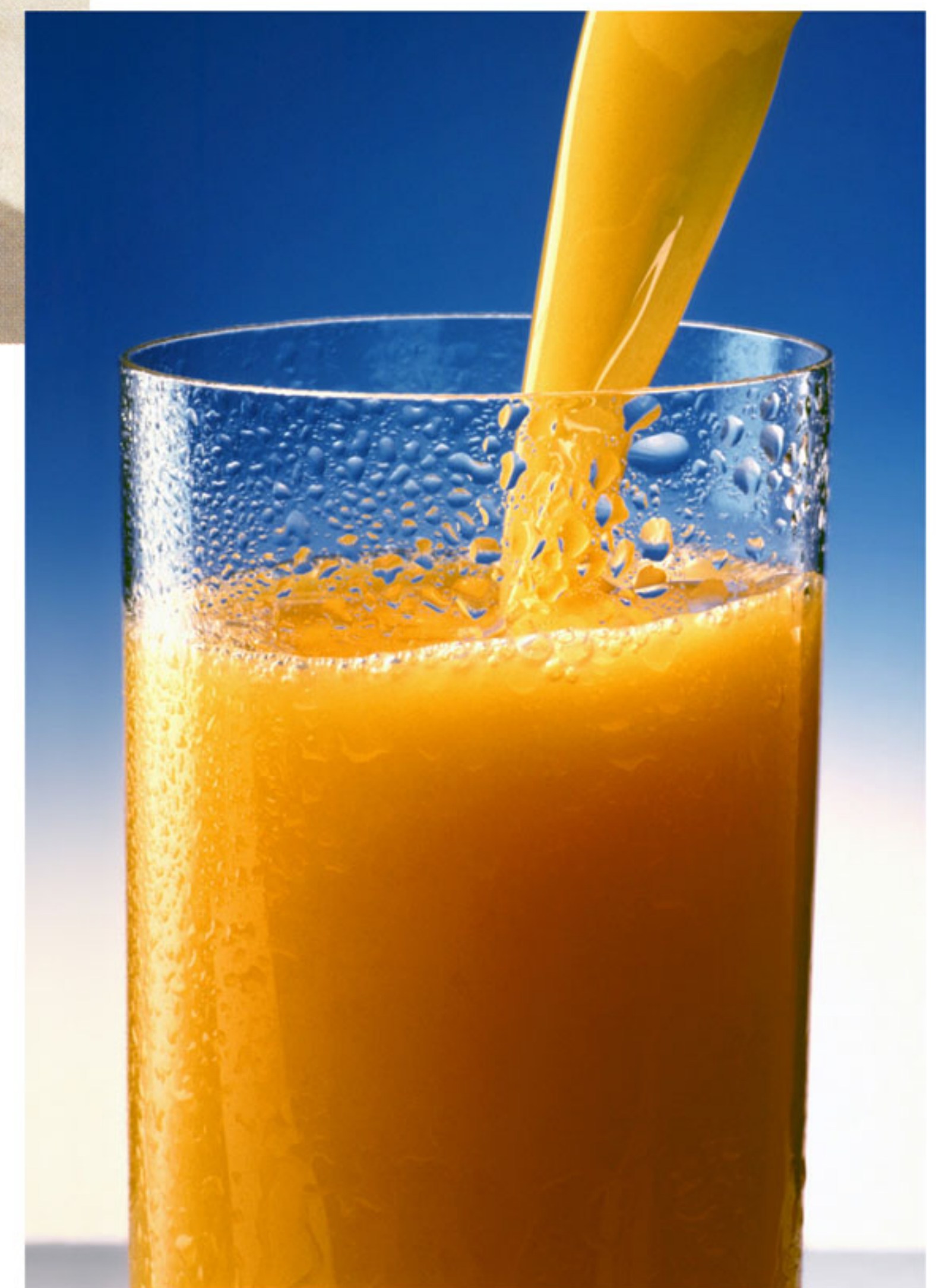
The Free Flow plate heat exchangers are particularly suited for products containing solids and pulp as well as for highly viscous products.

Special features

- Wide gap cross-section from 5.0 mm up to 12.0 mm
- Carefully designed support points and lines providing clear flow channels
- Special profile to produce gentle product handling
- Higher operating pressure tolerance

The FREE FLOW System "N" is designed for such products as

- Vegetable juices
- Concentrated fruit juices
- Cell enriched fruit juices
- Purees
- Fruit and vegetable pulps
- Sauces



مبدل حرارتی صفحه‌ای "Free Flow" برای محصولات شامل ذرات

جامد و پالپ‌دار و همچنین محصولاتی با چسبندگی بالا مناسب

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