



Sanitary Gasket Plate Heat Exchanger

Sanitary plate heat exchangers are designed to meet stringent sanitary standards and regulations. They are used in dairy, food, beverage and other hygienic applications requiring gentle product treatment, long operating times or superior cleanability. They are often constructed with smooth surfaces, rounded corners, and no dead zones to minimize the risk of bacterial growth and facilitate thorough cleaning and sterilization.

The gaskets used between the plates are also made from food-grade materials that can withstand high temperatures and maintain a hygienic seal.

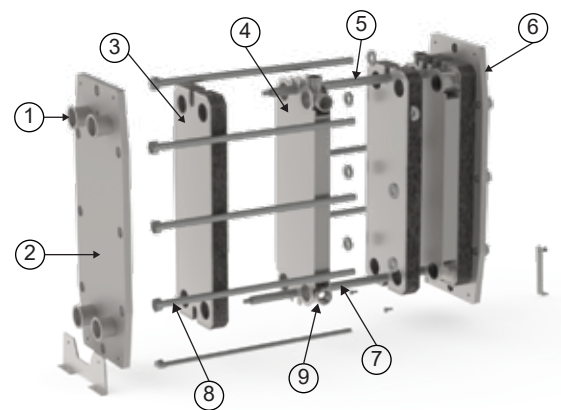
Sanitary range plate heat exchangers use glue-free gaskets made from FDA-compliant materials that are easy to maintain and have a long service life. The frame can be used for multi-section applications (eg for pasteurization) and is easy to disassemble for inspection, cleaning, and service. Connection plate corners are interchangeable and heat transfer plates can easily be added or removed, so it is quick and easy to modify if process conditions change.

Applications

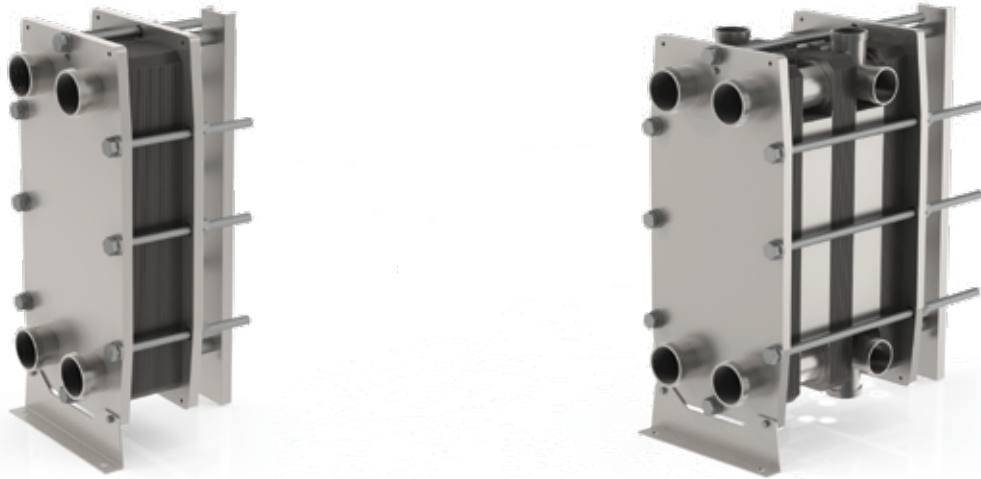
- Biotech and Pharmaceutical
- Food and Beverages
- Home and Personal care

Benefits

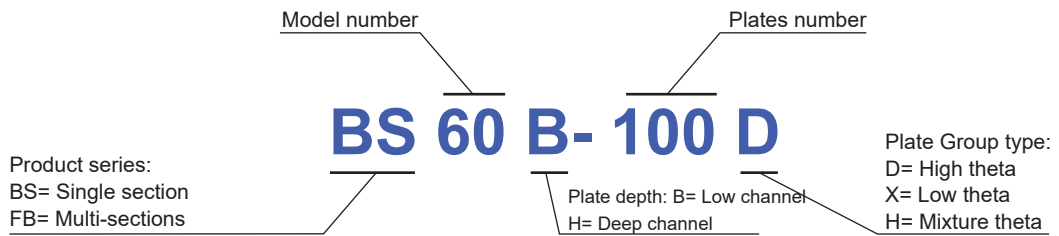
- Superior hygienic safety – plates designed for food applications
- Gentle treatment of sensitive products
- Uncompromising cleanliness
- Flexible configuration – possible to rebuild the heat exchange



1. Sanitary Connection
2. Front frame plate
3. Plate pack
4. Connection plate
5. Up carrying bar
6. Pressure plate
7. Guide bar
8. Tightening bolts
9. Corner connections

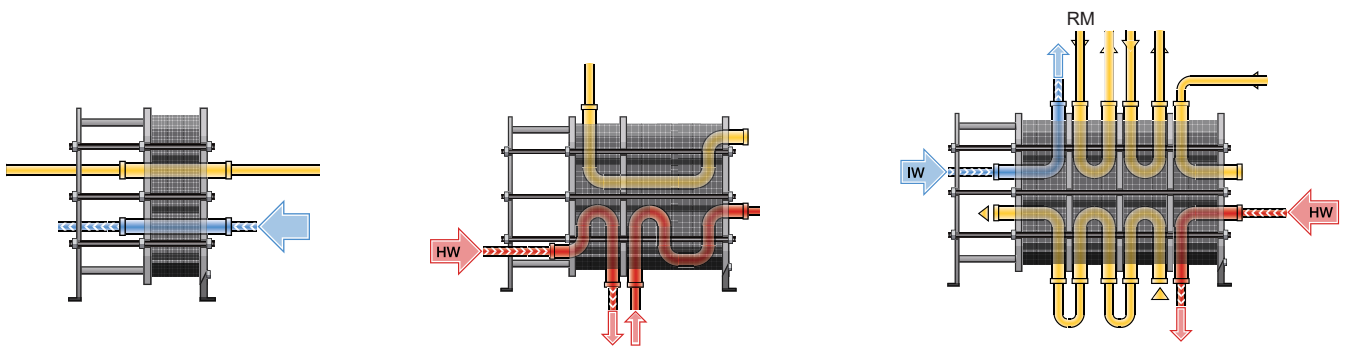


Model Code Explanation:



Specification data:

Model	Width	Height	Vertical Port distance	Horizon Port distance	Pressure
BS30	180	480	357	60	10
BS60	320	960	640	140	10/16
BS100	454	1085	719	225	10/16
BS150	610	1815	1294	298	10/16
FB60	310	905	640	140	10
FB100	442	1053	719	225	10
FB150	610	2122	1294	298	10



One section

Two Sections

*Cream: 85C->35C>5C
 Water: 30C->42C
 Ice water: 2->12*

Multi-Section

*Milk: 5C->55C->68.5C->74C->60C->10C->4C
 Hot Water: 80C->77C
 Ice water: 2->7*