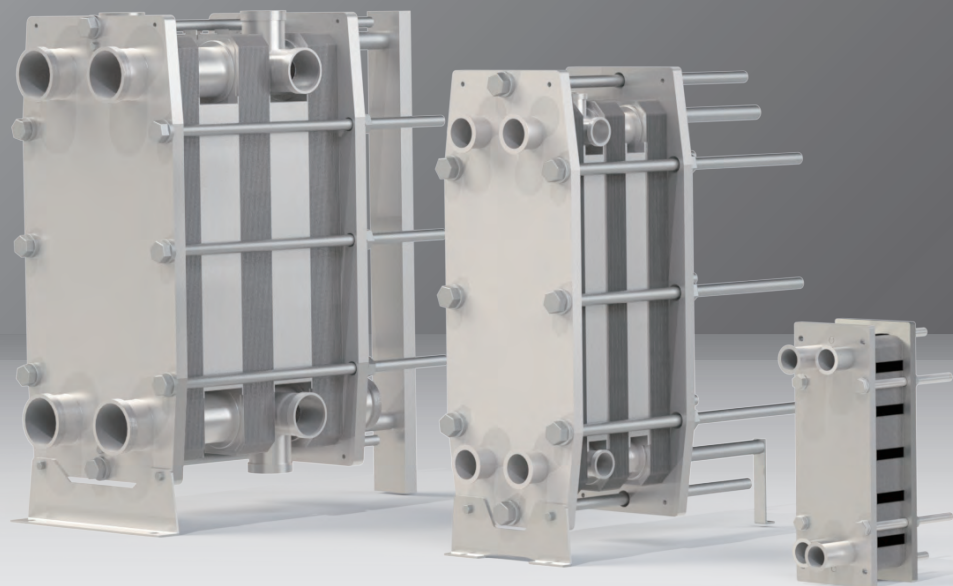


FOOD GRADE PHE



What is a Food-Grade PHE ?

Food-grade PHE is designed for use in food and beverage processing industries, while ensuring hygiene and compliance with food safety standards.

Why Food- Grade PHE?

Hygienic Design:

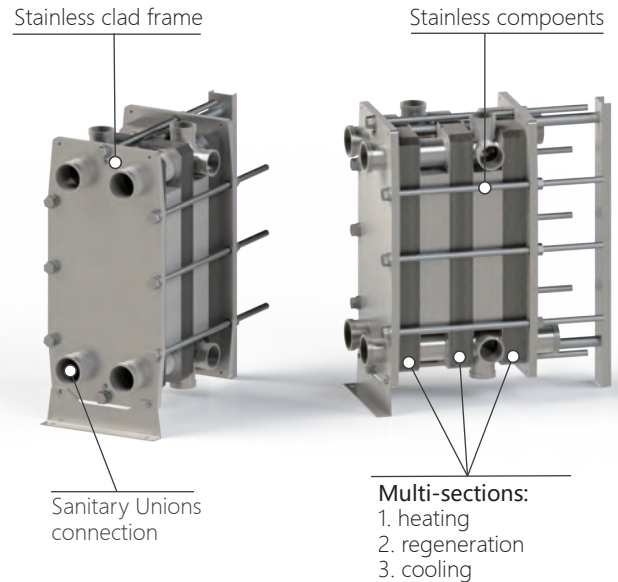
- Made from stainless to prevent contamination.
- Smooth, crevice-free surfaces to minimize bacterial growth.
- Designed for easy cleaning to maintain hygiene.

Food Safety Standards

- Meets FDA Standards. Food-safe gaskets that do not leach chemicals into the product.

Efficient Heat Transfer

- Provides fast heating & cooling for pasteurization, sterilization, and fermentation processes. Minimizes energy consumption while ensuring precise temperature control.



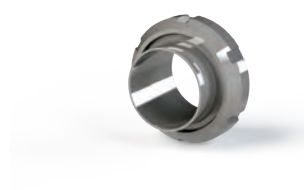
Applications:

- Dairy industry (milk pasteurization, yogurt production)
- Beverage processing (juice, beer, soft drinks)
- Food processing (sauces, soups, edible oils)
- Pharmaceutical industry (sterile processing)

Sanitary Unions connection

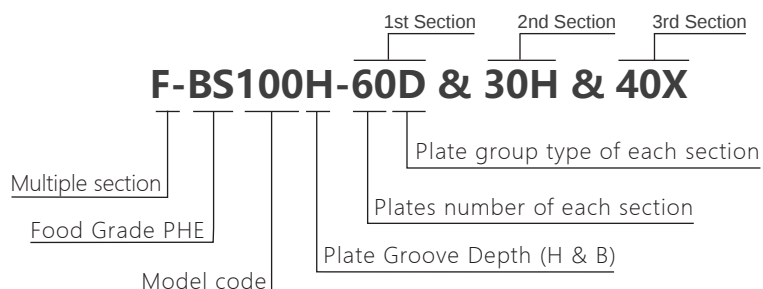


TC (Tri-Clamp) Union



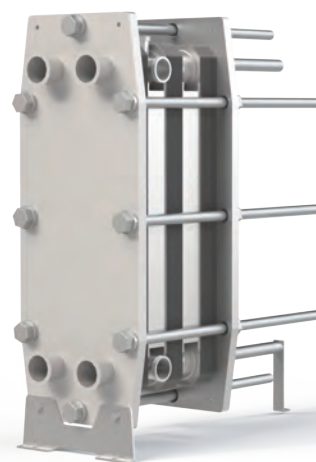
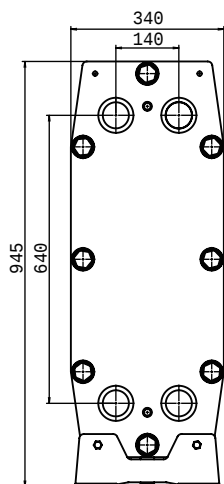
SMS (Swedish Metric Standard) Unions

*Other connection types can be customized according to customer requirements.



*Food grade PHE name code explanation

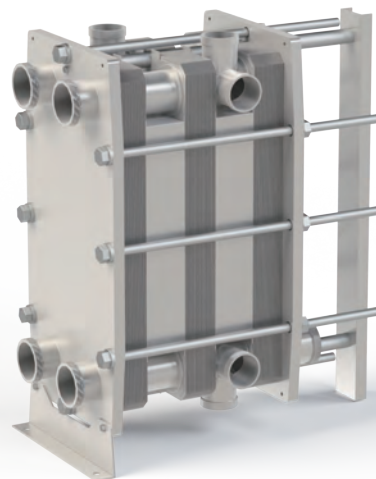
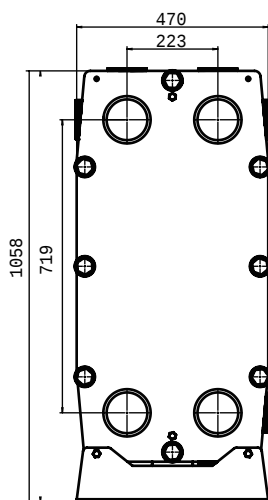
BS60H / F-BS60H



Max pressure (bar): 10
Max flowrate (m³/h): 54
Free channel (mm): 3
Plate Area (m²): 0.15
Port Size (mm): DN50

Plate thickness (mm): 0.5/0.6
Plate material: SS304, 316L
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel

BS100H / F-BS100H



Max pressure (bar): 10
Max flowrate (m³/h): 180
Free channel (mm): 3.95
Plate Area (m²): 0.24
Port Size (mm): DN100

Plate thickness (mm): 0.5/0.6
Plate material: SS304, 316L
Gasket material: NBR, EPDM, VITON (FKM)
Gasket type: Clip-on
Flow: Parallel