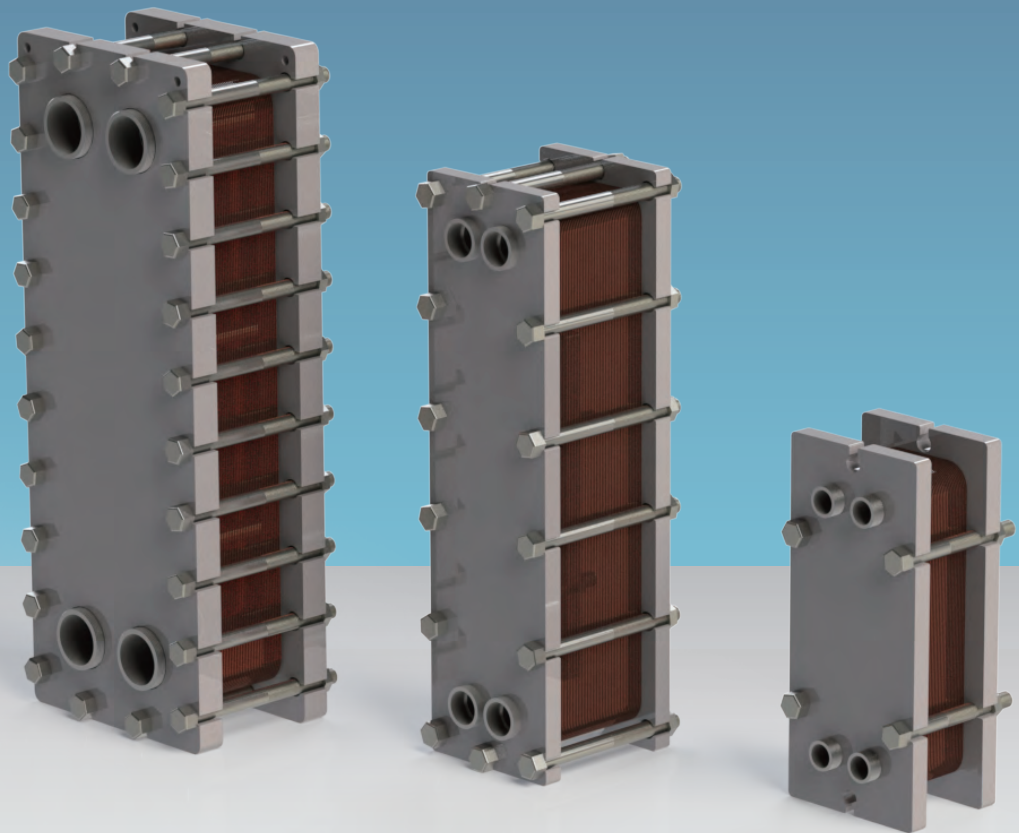


Ultra High Pressure BPHE

CO₂ APPLICATIONS UP TO 120 Bar

- Engineered for Extremes. Trusted Under Pressure



WHERE IS IT USED?

F-BL SERIES BPHE is specifically designed to work in air conditioning and other refrigeration applications, where the pressure requirements are extremely high applications, maximum pressure can reach 120 bar...

Because of their high-pressure performance, they are particularly well-suited to CO2 applications, such as transcritical gas cooling.

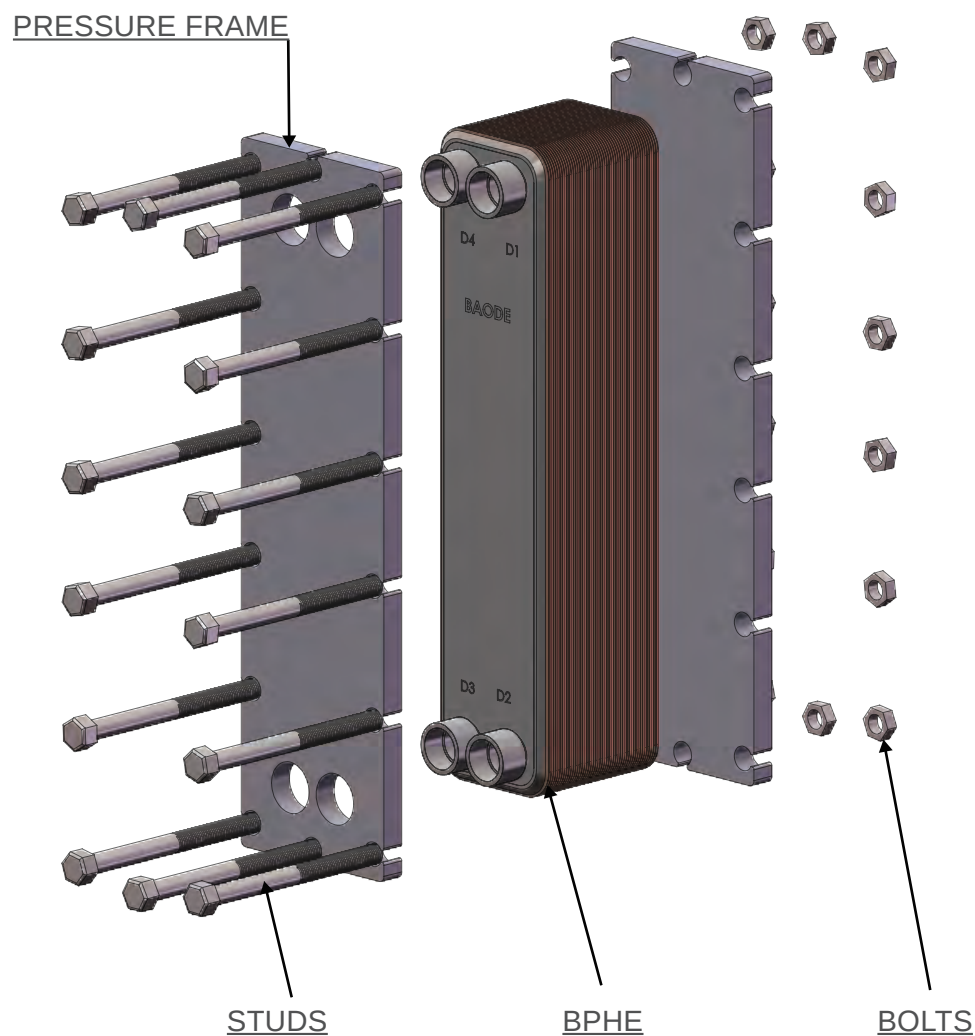
Benefits:

- Tolerates extremely high operating pressures
- Compact
- Easy to install
- Self-cleaning
- Low level of service and maintenance is required
- All units are pressure and leak tested
- Gasket free

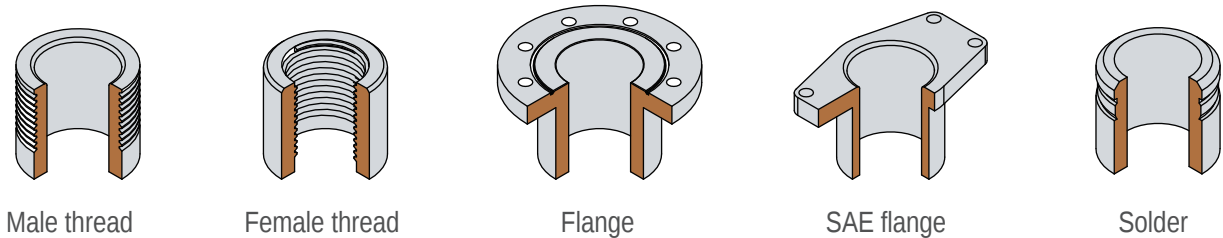
Design:

The brazing material seals and holds the plates together at the contact points ensuring optimal heat transfer efficiency and pressure resistance. Using advanced design technologies and extensive verification guarantees the highest performance and longest possible service life. F-BL SERIES BPHE are brazed plate heat exchangers with thin external frames in carbon steel that are able to withstand extremely high operating pressures. The unit can be supplied with a refrigerant distribution system. Always delivered with lifting lugs for easy handling.

Exploded View Diagram

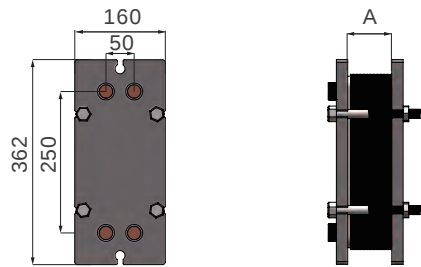


Connections Available:



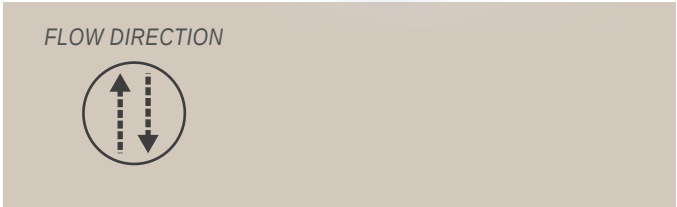
Compoents Material	
Studs & Bolts	Carbon steel, Zinc electroplated
Cover Plates	Stainless
Connections	Stainless
Plates	Stainless
Brazing material	Copper 99.99%
External Frame	Carbon steel with paint

F-BL26

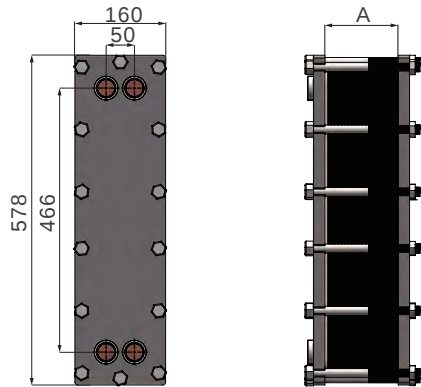


Dimensions in mm

- A measure (mm): $13 + 2.4 \times N$
- Max pressure (bar): 120
- Max flowrate (m³/h): 14
- Port Size (mm): 32
- Plate Combination Options: D



F-BL50

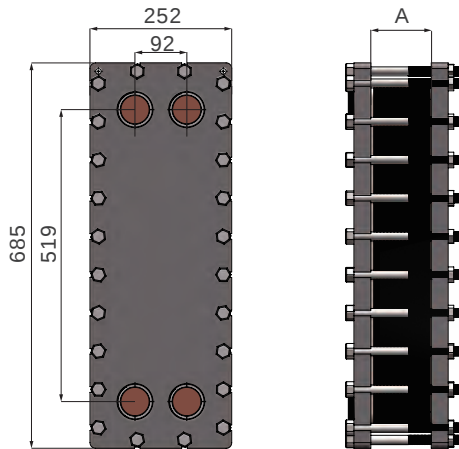


Dimensions in mm

- A measure (mm): $13 + 2.4 \times N$
- Max pressure (bar): 120
- Max flowrate (m³/h): 14
- Port Size (mm): 32
- Plate Combination Options: D/ X/ H



F-BL95



Dimensions in mm

- A measure (mm): $13 + 2.07 \times N$
- Max pressure (bar): 120
- Max flowrate (m³/h): 34
- Port Size (mm): 50
- Plate Combination Options: D/ X/ H

