

JT-010mbd JeoSafe™

Wide Range of Use

JeoSafe™ Plate Heat Exchangers operate on the same principle as traditional plate heat exchangers. However, the difference in JeoSafe™ models is that instead of the traditional single plate, they consist of a double (identical) plate placed on top of each other and welded together through the seal channels of the port holes. Sealing, assembly and other features are the same as traditional plate heat exchangers.

They are used to prevent two fluids from mixing in the event of a possible leakage that may arise for any reason, and this leakage is visible to the eye. Therefore, it provides the opportunity to intervene in the system without losing time and product in case of a malfunction.

Applications

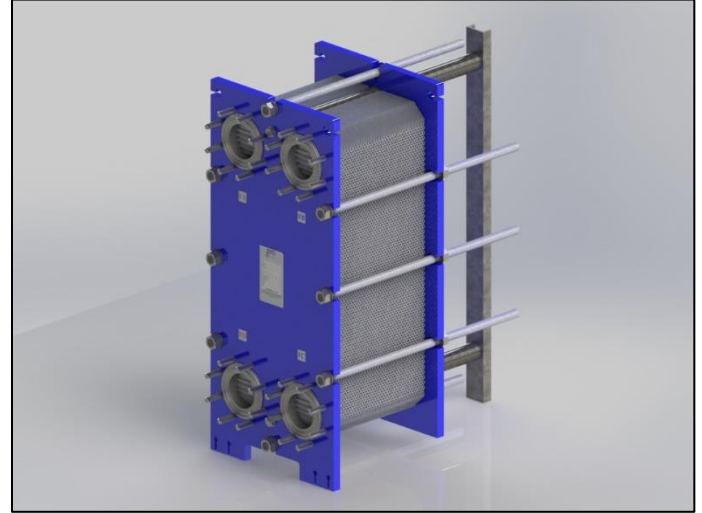
- Transformer oil cooling
- Lube oil cooling
- Quench oil cooling
- Food, dairy and beverage Industry
- Potable water heating
- Chemical processes
- Heating and cooling of precious fluids
- Heating and cooling of sanitary fluids

Benefits Compared to Double Wall Shell&Tube Heat Exchangers

- Compact and smaller dimensions
- Low mass
- Faster regime time
- Easy installation, maintenance and service
- Increased and decreased heat transfer area
- High corrosion resistance
- Low fouling
- Lower investment cost
- Lower operating cost
- Automatic cleaning system
- JeoTes™ Warranty and Service Assurance Features

Features

- JeoTes™ Practice (Hang-On Type) Gasket
- Nut Fixed to Stud
- Stainless Steel / Steel
- Internal Thread / External Thread
- PN10, PN16 etc. Suitable for Pressure Class



Increasing Performance with JeoTes™ Assurance

With our comprehensive service portfolio, JeoTes™ ensures the best performance for your product requirements throughout its physical life. JeoTes™ assures you with material quality, large spare parts stock, expert staff and competent after-sales services.

Start-up

- Installation
- Installation Supervision

Support

- Special Stock
- Technical Documentation
- Support to Phone
- Troubleshooting

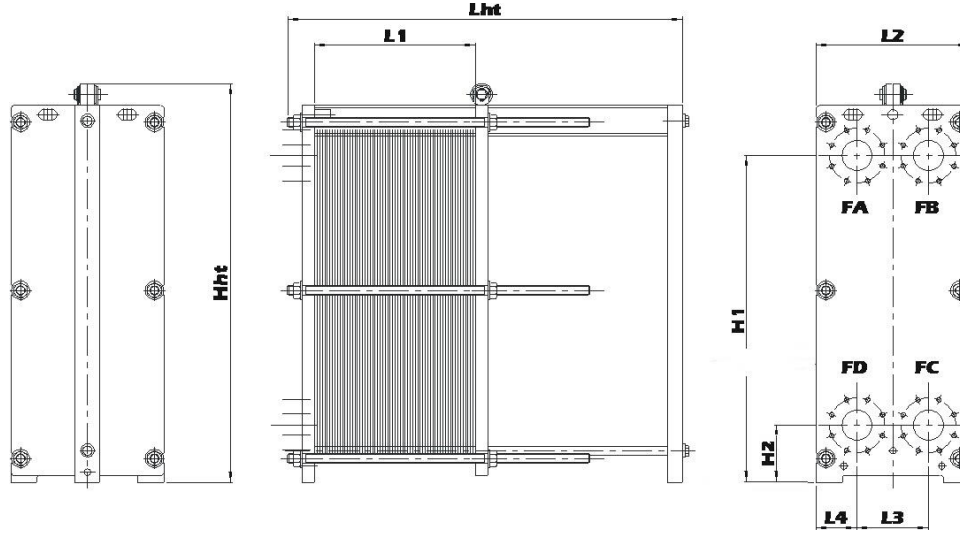
Maintenance

- Cleaning, Renovation and Repair Services
- Service Vehicles Supply
- Spare Part Support

Required for The Offer

- Fluid Type
- Inlet – Outlet Temperature and Capacity
- Flow Rate or Capacity
- Fluid Thermodynamic Properties (in Special Fluids)
- Working Pressure
- Maximum Allowable Pressure Loss

DIMENSIONS



| | | | | | |
|---------------|---------------------------------|----|------------|---------|----|
| L2 | 470,00 | mm | Hht | 1069,00 | mm |
| L3 | 225,00 | mm | H1 | 919,00 | mm |
| L4 | 122,50 | mm | H2 | 200,00 | mm |
| L1/Lht | Depends on the number of plates | | | | |

Connections

| | |
|--------------------------|-----------------|
| Flange Connection | EN 1092-1 DN100 |
|--------------------------|-----------------|

DETAILS

| | |
|---------------------------------|--------------------|
| Design Pressures (bar) | 10, 16, 25 |
| Design Temperatures (°C) | 120, 150, 165, 180 |

Material

| | |
|----------------------------|--|
| Heat Transfer Plate | AISI316L, AISI304, Titanium, |
| Sealing Gasket | NBR, HNBR, EPDM, FKM-A/G |
| Connections | Steel, Stainless Steel, Rubber&Stainless Steel Liner |
| Frames | Epoxy Painted Steel, Stainless Steel |