

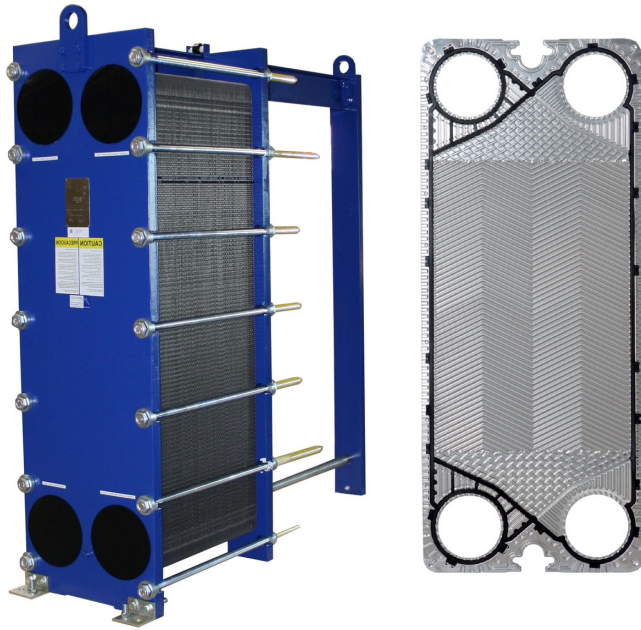


DELTA TEE

The DIFFERENCE is in the DELTA!

**Plate & Frame Heat Exchangers
for Industrial Applications**

Plate & Frame Heat Exchangers



Delta Tee proudly introduces the addition of Plate and Frame technology to our Heat Transfer equipment product line. These units are highly efficient, expandable, and have a very small footprint. Delivery is fast and cost is lower due to modular construction. P&F units are suitable for service in medium to low pressure / temperature applications. This makes them an ideal solution for HVAC, Refrigeration, Food & Beverage, Oil Cooling and Heat Recovery.

Consider the following parameters when specifying a Plate & Frame heat exchanger.

- | | |
|--------------|---------------------------|
| Pressures | Materials / Metallurgy |
| Temperatures | Fouling Service / Factors |
| Mass Flows | Footprint / Volume |
| Fluids | |
| Phases | |

Plate & Frame exchangers are now common place in industry. They represent a cost effective and flexible heat exchange device that is small, simple to maintain and highly efficient. The plate packs come as either gasketed, semi-welded or fully welded assemblies.

Most plates are either 304 or 316 stainless, but Titanium is available for highly corrosive applications. Sealing between plates is accomplished with an elastomer gasket system or laser welding.

Semi-welded assemblies provide a leak proof system where one of the working fluids may be toxic, very hot or otherwise hazardous to personnel.

The "Flat Surface" geometry makes the units thermally efficient. The large plate surface areas, combined with the turbulent flow across the corrugated plates makes this technology a great option. P&F units work best with clean, low viscosity fluids.

Plate Sealing

- Laser Welding
- or
- Gasketing
- Buna N
- Nitrile
- Rubber
- EPDM

Codes & Standards

- ASME
- PED
- ABS
- DnV
- API
- NACE

Available Sizes

Heat Exchangers 12"x6" to 96"x48", H x W
 Nozzle Diameters 1" to 20" OD

Flow diagram for plate & frame Exchanger

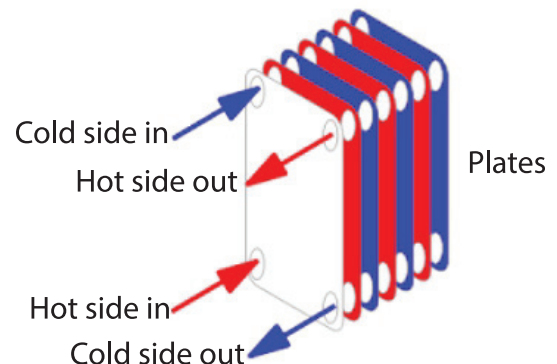


Plate & Frame exchangers are efficient, smaller than Shell & Tube, and are easily cleaned. Access room around the units is reduced and the capacity can be expanded within their original footprint.