PLATE HEAT EXCHANGERS

Whether a traditional plate heat exchanger, brazed plate heat exchanger or a shall and tube heater, Separator Spares & Equipment, LLC can provide a heater to suit your specific project requirements.

SSE offers new and refurbished replacement units for the following brands:

- ALFA LAVAL
- GEA
- SONDEX
- APV
- SWEP
- NIREX
- Many other brands available upon request

**Spare Parts:**

**Plates**

SSE offers both new and reconditioned plates in both stainless steel and titanium.

**Gaskets**

SSE can supply the following materials:

- NBR
- EPDM
- HNBR
- BUTYL
- NEOPRENE

**Heat Exchanger Applications:**

**Marine**

Seawater isolation exchanger, central cooling, jacket fresh water cooling, lube oil cooling

**Power**

Lubrication oil cooling, diesel engine cooling, heat recovery, auxiliary cooling circuit isolation, geothermal applications

**Oil & Gas**

Sea water coolers, crude oil heat treatment

**Refinery**

Brine cooling, crude oil/water interchanger, treated/untreated crude oil interchanger
Plate Heat Exchanger Servicing:

Frame Handling

After shipping your entire heat exchanger assembly to SSE, plates will be removed, cleaned, tested and regasketed. The frame and other components can also be reconditioned. After reassembly, the unit will be hydro-tested. The completed unit can be quickly reinstalled and put into service with the assurance of leak-free operation.

Cleaning

After examining the plates, our engineers will determine the required cleaning and treatment process, this will vary as different cleaning techniques are used. A carefully selected cleaning solution will then be applied to the plates to ensure the quickest and highest quality refurbishment.

Dye Penetrant Testing

Every plate is tested with our dye penetrant system to ensure there are no cracks or pinholes. Early detection of plate defects eliminates cross-contamination concerns and saves you costly down-time later.

Regasketing

The proper adhesives are selected for your gasket and service conditions. Each gasket is cleaned and the plate groove is prepared just prior to bonding.