

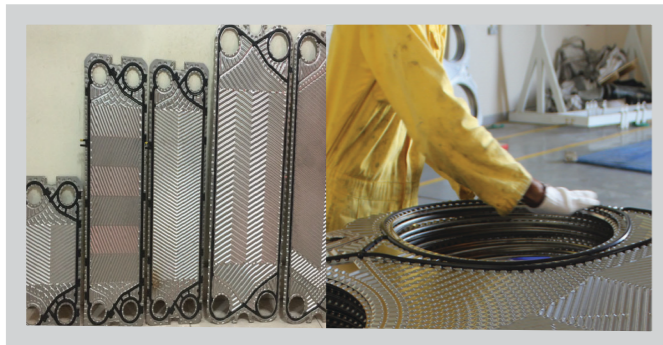


Other PHE Types From Adhiam



Plate Cleaning Service

- Semi - Welded Plate Heat Exchanger
- Free - Flow Type Plate Heat Exchanger
- Brazed Plate Heat Exchanger
- Spiral Heat Exchanger
- Heatex/Inflated coil Heat Exchanger
- Spares and Replacements
- Services



PHE Spares

Major Applications

Beverages & Dairy
 Sugar & Distilleries
 Renewable Energy
 HVAC & Refrigeration
 Oil & Gas, Petrochemical

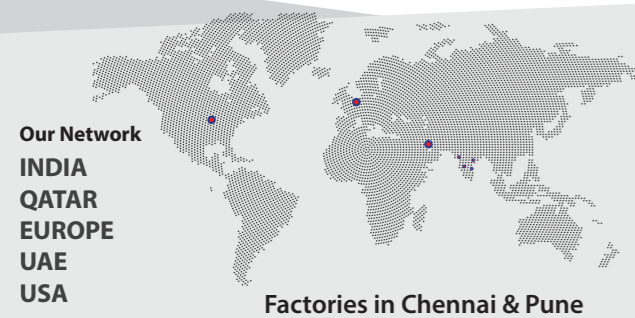
Engineering
 Chemical
 Power
 Marine
 Automobile



Accessories



Plate Heat Exchangers



Competence in
 Heat Transfer
 Solutions



ISO 9001:2015

Your Partner in Thermal Engineering

With more than fifteen years of experience in consistently meeting the specific needs of customers, Adhiam has achieved its reputed position in the market of Plate Heat Exchangers.

Adhiam is your competent partner for all type of plate heat exchangers (PHE). Our Technical and Service support is the assurance of your success.

Adhiam Thermal Systems & Solutions Pvt. Ltd.
 No.126, Race view Towers, 2nd Floor, Mount Road,
 Guindy, Chennai - 600 032, Tamilnadu, India

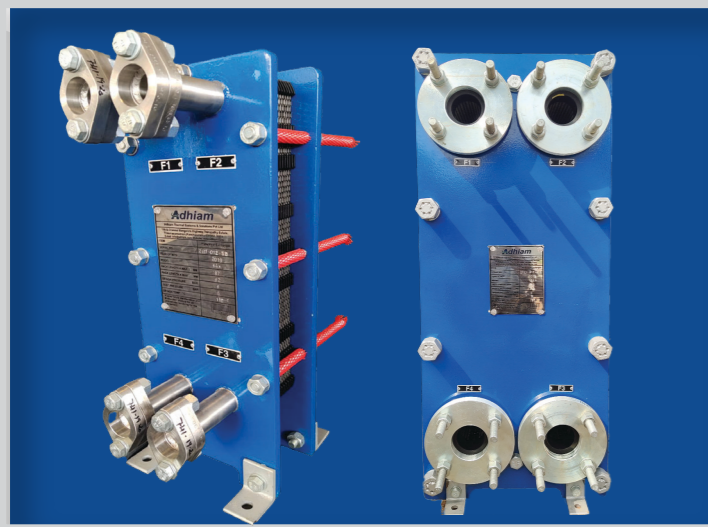
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Advantages

- ✓ **Efficient heat transfer** - Reduced capital cost
- ✓ **Low weight** - Lower foundation cost
- ✓ **Flexibility** - Easy to alter duties.
- ✓ **Minimised vibration** - Longer life time, reliability
- ✓ **Easily accessible heat transfer area** - lower maintenance

Construction

Plate Heat Exchanger consists of corrugated plates fixed with gasket and these are mounted between fixed frame and movable frame. Top and bottom carrying bar are used for hanging the plates in between frames and the tie-rods are used for tightening to the required plate pack. Fluids enter through the connections in the frame and are distributed in between plates. The fluids flows through alternate passages between plates by means of gasket arrangements.

Specifications

- Pressure:**
Maximum design pressure is up to 25 bar
- Connection size:**
Available from 25 mm to 500 mm
- Heat transfer area:**
from 0.05 m² to 2.50m² per plate
- Size:**
More than 50 sizes available with every size- two to three plate pattern
- Flow rate:**
Available up to 3600 m³/h

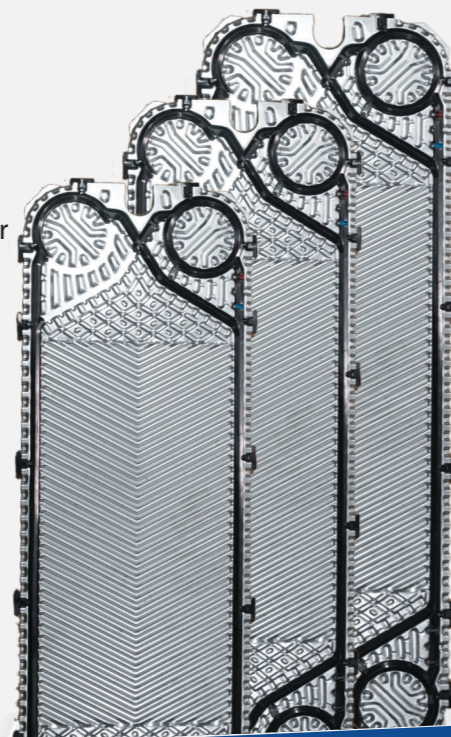


Plate MoC:

SS304,SS316,SMO254, Hastelloy C 276 , Titanium , Ti-Pd, Nickel, etc.,

Gasket MoC:

NBR, NBR Peroxide cured, HNBR, EPDM, EPDM -P, Viton A , Viton G, etc.,

Custom Built Application

Adhiam also builds PHEs customized to specific application requested by our customers to maximize efficiency and performance.

