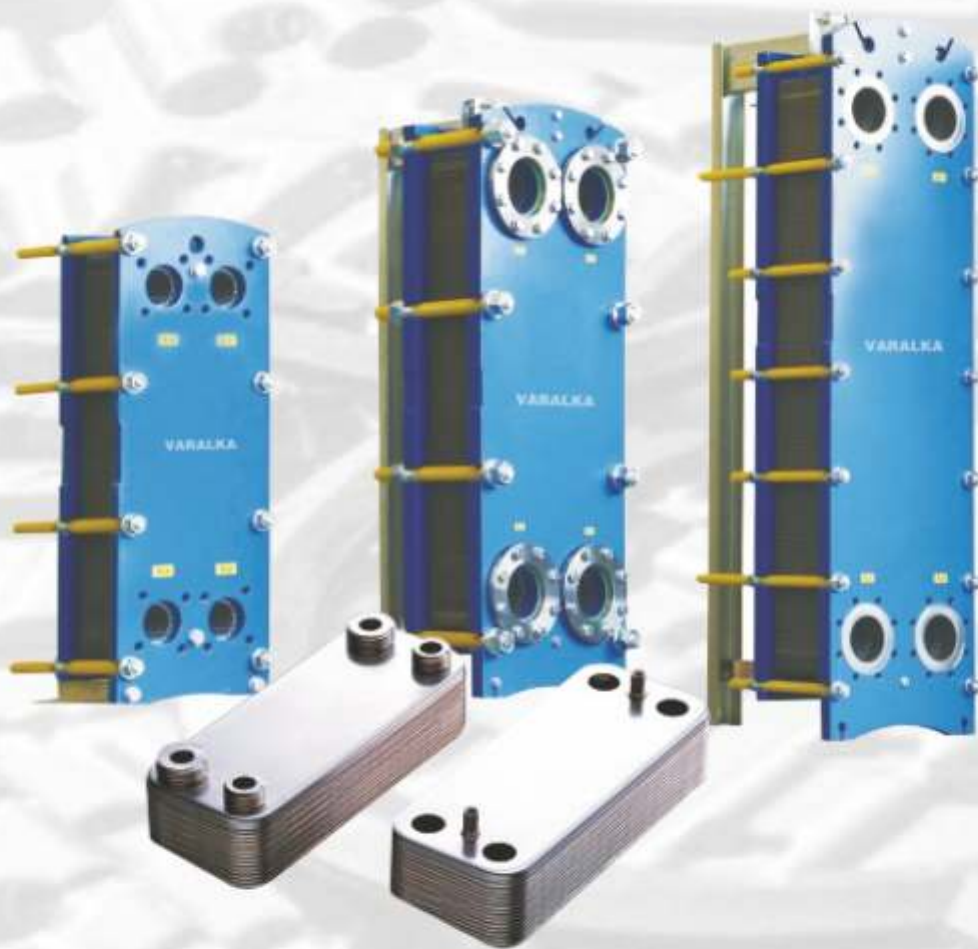


VARALKA

www.varalka.com



Gasketed Plate Heat Exchangers

Semi-Welded Plate Heat Exchangers

Brazed Plate Heat Exchangers

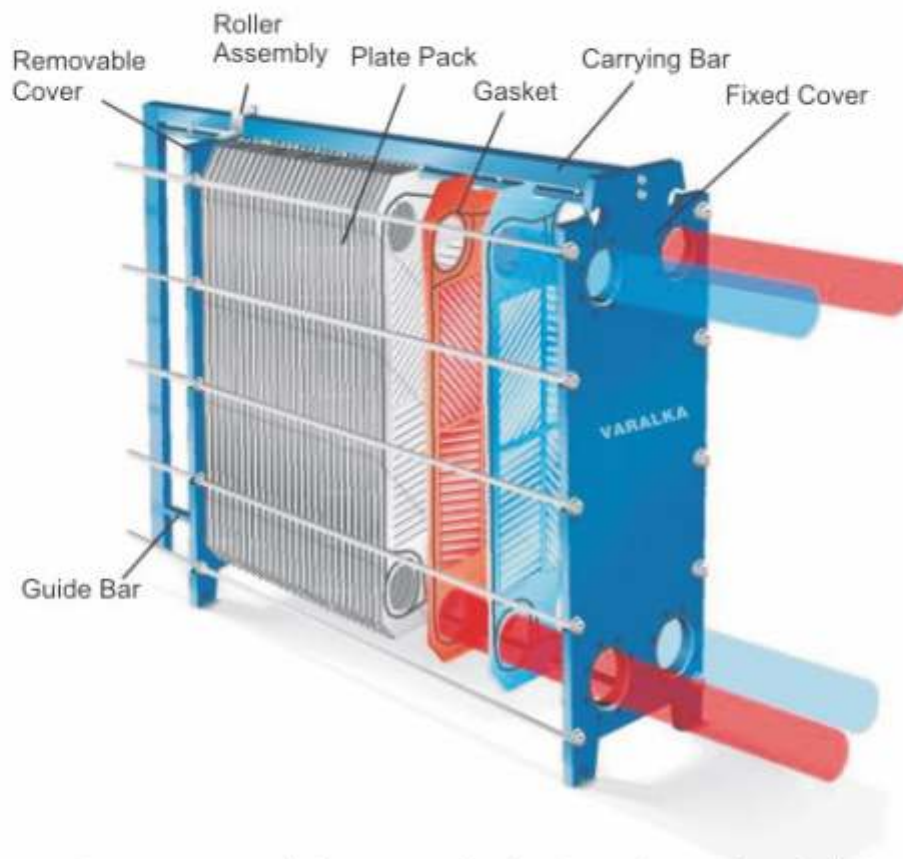
CONSTRUCTION OF A TYPICAL PLATE HEAT EXCHANGER

Plate heat exchanger is a most versatile heat transfer device and a preferred choice for a wide variety of applications. The heat exchangers are constructed on a modular concept and in a wide variety of plate and sealing materials. As a result of this concept and by using a mix-n-match technique, plate heat exchangers can be easily adapted to meet different requirements of the heat transfer, satisfactorily. The heat exchangers can be easily inspected and cleaned ensuring specified heat transfer for the lifetime of Heat Exchanger.

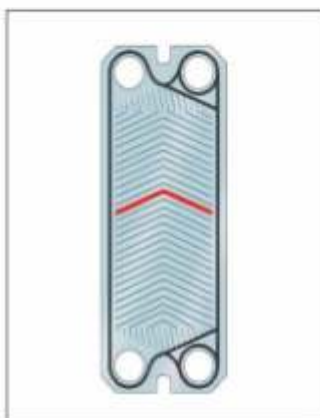
Advantages of VARALKA Plate Heat Exchangers

Compact Size and Small Footprint	Easy to Expand or Reduce	High Turbulence for Low Fouling	Simple to Assemble and Dismantle
			

We specialize in Plate Heat Exchangers – Gasketed, Brazed and Semi Welded. With an experience of 15 years in Indian market, we have put together a product range which offer value for money products with all necessary features for reliable and satisfactory performance over the life time of the plate heat exchanger.

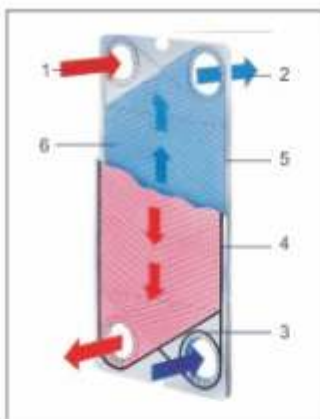
Our products are characterized by flexible design, simplicity of use, ease of maintenance. We like to use time tested designs and products to ensure reasonable lifetime cost of our heat exchangers. Choosing us ensures that you get superior products, active engineering support and better service, always.

Product Range



Gasketed Plate Heat Exchangers

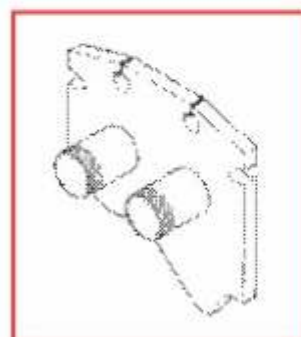
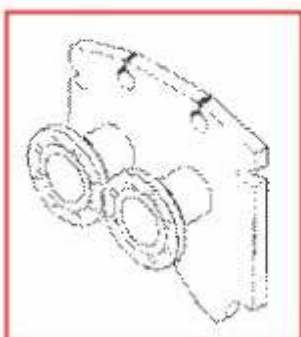
Models	V8, V10, V15, V20, V40
Connections	1" to 4"
Plate Materials	SS304, SS316, Titanium
Gasket Materials	NBR, EPDM, HNBR, Viton
Flow Rates	upto 200 m3/hour
Pressure Rating	Upto 25 Bar
Temperature Rating	Upto 200 °C



Semi Welded Plate Heat Exchangers

Models	VX10, VX15, VX20, VX25, VX40, VX50
Connections	1" to 10"
Plate Materials	SS304, SS316, Titanium
Gasket Materials	NBR, EPDM, CR, HNBR, Viton, PTEF Covered
Flow Rates	Upto 1000 m3/hour
Pressure Rating	Vacuum to 32 Bar
Temperature Rating	-40°C to 200°C

Connections





Gasketed Plate Heat Exchangers

Most common and versatile heat exchanger! Available in variety plate & sealing materials. Ideal choice for:

- Hydraulic and Lube Oil Cooling
- Closed Cooling Water Circuits
- Heat Recovery Applications
- HVAC Applications
- Various Applications in Chemical Industry



Brazed Plate Heat Exchangers

Brazed PHE is constructed as a plate assembly of corrugated plates and vacuum brazed. Brazing joint is formed at all contact points between the plate and filler material – copper. Commonly used for following applications:

- Oil Coolers
- Evaporators and condensers for Chillers
- Air dryers
- Cascade Systems



Semi Welded Plate Heat Exchangers

Semi welded PHEs are an optimum solution in applications where gaskets are not compatible with one of the media. Our semi-welded PHEs are assembled with thermowave laser welded modules. These are useful for applications such as:

- Ammonia condensers and evaporators
- Sulphuric Acid cooling
- Vapour Condensers



Spares & Service

All plate heat exchangers require maintenance at some point. Gaskets are replaced periodically and for some special applications plates may also need to be replaced. VARALKA provides trained service engineers to assess the heat exchangers to restore them to its optimum functionality. We also stock replacement plates and gaskets for all leading plate heat exchangers manufacturers – Alfa Laval, Tranter, APV, GEA, Sondex.