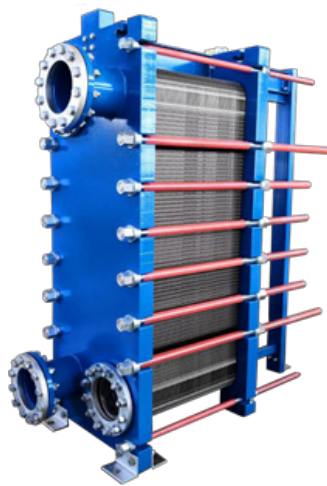
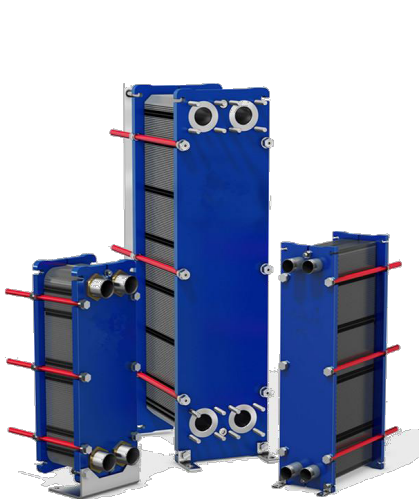




PLATE HEAT
EXCHANGER

A plate heat exchanger is a type of heat exchanger that uses metal plates to transfer heat between two fluids at different temperature.

Heat exchanger improve energy efficiency due to it will be used to another part of process



GASKETED PLATE HEAT EXCHANGER

- Most common type of PHE.
- Consists serial of plates and gaskets
- Frame made by stainless steel Other materials available on request.
- Plate materials made by Stainless steel, titanium Other materials available on request.
- Gasket materials: NBR, EPDM, VITON Other materials available on request.

WELDED PLATE HEAT EXCHANGERS

- Plates welded together to increase pressure and temperature limits
- Capacity in handling aggressive media
- more rigid mechanical construction
- fully welded and semi-welded
- Compact structure and small installation space

BRAZED PLATE HEAT EXCHANGER

- Operates at higher pressures and higher temperature than gasketed units
- Materials: stainless steel with brazing material to seals and hold the plate copper contained braze

Applications

Petrochemical



Power generation



Oil and gas



Mining



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