Recommended Applications:
The compact brazed plate heat exchanger is designed with the focus on the refrigeration area, air conditioning, the HVAC area, solar heating, oil units, heat recovery, engine cooling and other industrial tasks.

Design Principles:
The Sondex type SL140 brazed heat exchanger contains a plate pack and will cover many duties up to 90 m³/h in a single pass solution where all 4 connections can be on one side. This means easy pipe and service work.

The brazed plate heat exchanger, assembled with two end plates and connections, is vacuum brazed at extremely high temperatures providing a permanently sealed heat exchanger. The final result is a strong and compact plate heat exchanger with extremely high heat transmissions. The high heat transmission comes from the main pattern which is designed to create a turbulent flow.

Data required for correct quotation:
Duty, type of product, temperatures, pressure drop and the thermal dynamic properties influence the size of heat surface.

Technical Information:

Standard Materials:
Flow plates and connections in stainless steel. End plates also in stainless steel. Brazing material is pure copper.

Working Pressure/Temperature:
The unit is constructed for max. Working pressure/temperature 25 Bar/-100/185°C.

Construction Standard:
According to pressure equipment PED 97/23/EC.

Connections:
2.5" inside thread ISO7 BSP
2" - 2.5" thread ISO7 BSP/NPT
54.2 mm pipe for brazing.
70.2 mm pipe for brazing.

Additional Equipment:
Insulation.
Floor mounting feet.
Connection unions for welding on pipes In AISI 316 or St. 52-3.