

High Efficiency Brazed Plate Heat Exchangers

Featuring Dimple Plates that give higher heat transfer rates and lower pressure drops compared to conventional Brazed Plate Heat Exchangers resulting in reduced heat exchanger size and significant cost savings.

Much closer temperature differences between primary and secondary sides can also be achieved with a single pass design.

Large range available from stock for immediate delivery.

Main Features:

- Thermally efficient dimple plates resulting in enhanced heat transfer.
- Better fluid distribution and fluid velocity profile maximising the available heat transfer area.
- Lower fluid pressure drops resulting in reduced pumping costs.

Specification:

- Heat transfer plates: AISI 316L stainless steel
- Brazing material: Copper
- Connections: BSP male threaded
- Max. design pressure: 25 bar
- Max. working temperature: 180°C
- Approval: PED 97/23/EC

Typical Application:

For a boiler separation plate a typical duty would be:

Boiler flow and return temperatures: 80°C / 60°C
Secondary flow and return temperatures: 57°C / 77°C

This duty can be achieved in a single pass design with pressure drops around 0.1 bar.

Optional Extras:

- Insulation Jackets
- Mounting Feet

Other products:

- Gasketed Plate Heat Exchangers
- Hot Water Packaged Systems with or without Buffer Vessels
- Air Heaters & Industrial Dryers
- Shell & Coil Heat Exchangers
- Corrugated Tube Heat Exchangers



UK Exchangers Ltd
Unit 55, Stilebrook Road
Olney, Buckinghamshire MK46 5EA
Tel: 01234-244320
Fax: 01234-714978
E-Mail: sales@ukeltd.com
Web Site: www.uk-exchangers.com