

Brazed Plate Heat Exchangers

We have an extensive range of Brazed Plate Heat Exchangers available from our UK stock.

Our Brazed Plate Heat Exchangers are WRAS approved and can be supplied with a number of optional extras such as Insulation Jackets, Isolation Ball Valves with Internal Filters etc.. All as detailed in the Optional Extras Section of this leaflet.

Standard Range

Compact design with plates in AISI 316 stainless steel with copper brazing material.

Over 40 different model sizes in stock.

Available with BSP male threaded connections or sockets for soldering for refrigeration applications. Available sizes:

BSP Threaded:	3/4", 1", 1 1/4", 1 1/2" & 2"
Soldered :	6/8", 1", 1 1/8", 1 3/8" & 2 1/8"
Maximum pressure:	30 bar
Maximum temperature:	200°C



High Efficiency Range

Ideal for close temperature differences between primary and secondary sides. For example:

Boiler Separation:	Primary:	80°C / 60°C
	Secondary:	57°C / 77°C

Our High Efficiency Range features dimple plates that enhance heat transfer and have lower pressure drop characteristics resulting in a reduced heat exchanger size and significant cost savings.

Models are available with 1", 1 1/4" & 2" male threaded connections.

Mounting feet can be supplied as an option.



Nickel Brazed Range

Nickel Brazed Plate Heat Exchangers have superior corrosion resistance compared to standard copper brazed units. The plates are manufactured in AISI 316 stainless steel with Nickel brazing.

Applications include:

- De-ionised Water Systems
- Swimming Pool Heating
- Laser Cooling Systems
- Ammonia Systems
- Corrosive Liquids
- Silicone Oils

Maximum pressure:	10 bar
Maximum temperature:	200°C



Brazed Plate Heat Exchanger Optional Extras

To complement our extensive range of Brazed Plate Heat Exchangers the following optional extras can be supplied. Prices can be found under "Options" on our quotation. For further technical information please contact our Sales Department.

Insulation Jackets

- To reduce heat losses and for personnel protection
- Flexible design secured with Velcro fasteners
- Rockwool insulation with silicone cloth
- Available from stock



Heat Exchanger Protection Valve

- Install on the heat exchanger inlets to filter out any particles that potentially could cause a blockage inside the heat exchanger
- The filter can be quickly removed, cleaned, and replaced, with the valve in the closed position.
- 500 µ filter element can be removed for cleaning in seconds
- Better solution than a traditional 'Y' strainer and 2 valve setup



Isolation Ball Valve

- Install on the heat exchanger inlets/outlets to allow isolation for future maintenance
- Full Bore, quarter turn, lever ball valve
- WRAS Approved
- Available in compression sizes: 22mm, 28mm
- Available in threaded sizes: ¾", 1", 1¼", 1½" & 2" - All in stock



Connection Adapters

- Adapt the BSP threaded heat exchanger connections to compression fittings for copper pipe
- Sizes available: ¾" to 22 mm, 1" to 28 mm, 1¼" to 35 mm
- Available from stock



Wall Brackets

- Securely fix the heat exchanger to a wall or frame
- Comes as a complete kit with assembly instructions
- Suitable for all models up to 1½" connections
- Can be used with or without insulation jacket



Temperature Controllers

- Designed to control the secondary water outlet temperature from the Brazed Plate Heat Exchanger
- Comes complete with a temperature sensor & 3-Port Valve
- Set point can be easily adjusted

