

Thermal Transfer Products is now



# BP SERIES

BRAZED PLATE HEAT EXCHANGERS

## NEW SERIES!

Brazed Plate Heat Exchangers  
for Fluid Power Applications



We **COOL**  
what you  
**POWER**

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**NEW SERIES!**  
Braze Plate Heat Exchangers  
for Fluid Power Applications

**Our BP Series brazed plate heat exchangers are rugged, compact, cost-effective and reliable performance over long periods of time with minimal maintenance – an optimal heat transfer solution for compact industrial applications.**

316 stainless steel construction and standard SAE connections are features of this highly efficient technology. The compact design and multiple mounting options lead to optimization of heat transfer when space is limited. High plate channel turbulence means effective performance even with close approach temperatures. Our wide offering of standard models ensures fast delivery worldwide. **Custom applications are always welcome!**



Optional **Mounting Bracket**  
(except 8x3 plates)  
Constructed of Carbon Steel

## BPSW (BPMW) Series - Standard Model

### Features

- Short Lead Time
- High Performance
- Compact Design
- Copper-free alternative
- Stacked Plate
- Oil to Water Applications
- Corrosion Resistant Type 316 Stainless Steel Plates
- Mounting Studs Standard (except 8x3 plates)
- SAE Oil Connections & NPT Water Connections (BSPP Oil & Water Connections on BPMW)

### Materials

- Plate Material - Fluid Contact 316 Stainless Steel
- Braze Material Copper
- Connectors 316 Stainless Steel
- Stud Bolts 304 Stainless Steel
- Optional Foot Mounting Bracket Carbon Steel

### Ratings

- Maximum Working Pressure 450 PSI (31 BAR)
- Test Pressure 650 PSI (45 BAR)
- Minimum Working Temperature -320°F (-196°C)
- Maximum Working Temperature 437°F at 450 PSI (225°C at 31 BAR)

**Applications beyond Hydraulics Oil Cooling— chillers, fuel heaters, biogas, natural gas, de-ionized water, refrigerant air cooling, condensor.**

**A BP Series heat exchanger is one of the most efficient ways to transfer heat today!**

## BPW Series - Built to Order

### Features

- Highly Customizable Sizes and Options
- Special Port Sizes
- Optimized Pressure Drops
- Special Parts Match to OE Needs
- Fluids/Plate Application Match
- Mass OE Volume Customizing
- Non-Standard Plate Stacks
- Traceable Materials

### Materials

- Plate Material - Fluid Contact 316 Stainless Steel
- Braze Material - Copper, Nickel on select models
- Connectors 316 Stainless Steel
- Stud Bolts 304 Stainless Steel
- Optional Foot Mounting Bracket Carbon Steel

### Ratings

- Maximum Working Pressure 450 PSI (31 BAR)
- Test Pressure 650 PSI (45 BAR)
- Minimum Working Temperature -320°F (-196°C)
- Maximum Working Temperature 437°F at 450 PSI (225°C at 31 BAR)

*Pressure rating is for copper brazed only.  
Consult factory for alternatives.*