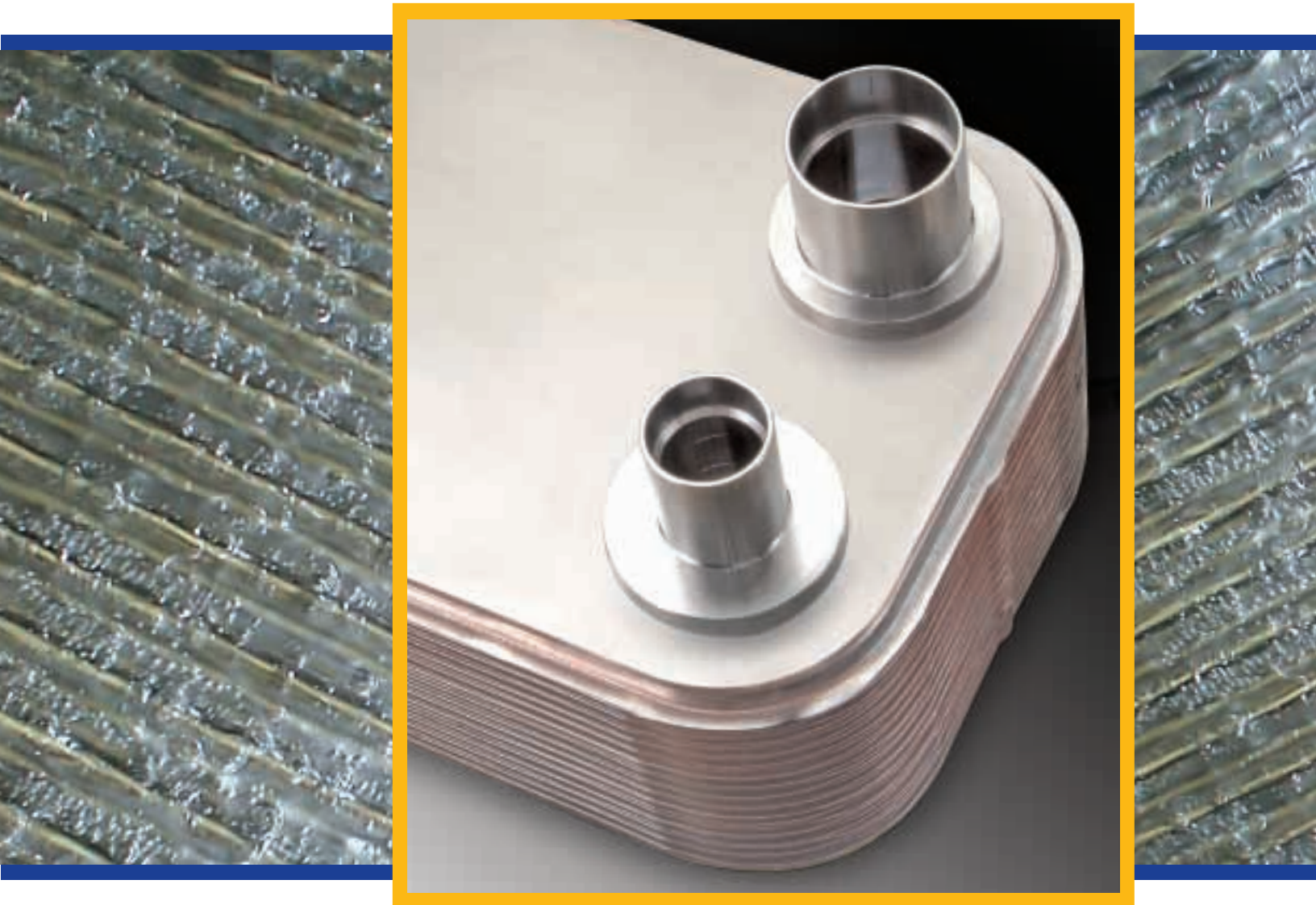


the new
standard in | **P E R F O R M A N C E**

Brazepak™ High Performance Braze Plate Heat Exchangers



ITT Standard

ITT Industries

Engineered for life

Brazepak™

HIGH PERFORMANCE BRAZED PLATE HEAT Exchangers



- **High performance.** Brazepak™ brazed plate heat exchangers offer the highest level of thermal efficiency and durability in a compact, low-cost unit.
- **Compact design.** The corrugated plate design provides very high heat transfer coefficients, resulting in a smaller surface area. This makes the Brazepak™ an excellent choice; especially where space is a consideration.
- **Solid self-contained unit.** Thin corrugated stainless steel plates are vacuum brazed together to form a very durable, integral piece that can withstand both high pressure and high temperature.
- **Numerous applications.** Brazepak™ units are ideal as refrigerant condensers and evaporators, as oil coolers for engines and machinery, and in many other industrial applications.

thermal

P E R F O R M A N C E

ITT Standard's unique heat transfer plate designs provide high rates of heat transfer requiring less surface area than conventional shell and tube heat exchangers.

Compare Brazepak™ with conventional shell and tube units:

- **One-sixth the size**
- **One-fifth the weight**
- **Uses only one-eighth the liquid**
- **Requires one-third to one-fifth the surface area**



technical

P E R F O R M A N C E

Based on a tradition of advanced heat transfer design, ITT Standard's Selection software makes the design of your Brazepak™ brazed plate heat exchanger simple, fast and accurate.

- **Thermal design**
- **Special configuration capabilities**
- **Drawing generation**
- **Pricing and delivery**



design

P E R F O R M A N C E

MECHANICAL DESIGN:

Design pressures up to 435 psig.
Maximum design temperature up to 435° F. Minimum design temperature to -310° F.

CONSTRUCTION CODES:

Available codes include UL, CRN, and ASME Code Stamp.

MATERIALS:

Stainless Steel 316L plates.
Copper or Nickel braze material.



CONNECTIONS:

From 1/2 inch to 4 inch. Standard connection options include NPT, SAE, Flanged and Sweat. Custom connections available.

CAPACITY:

Up to 800 GPM and 350 Sq.ft. of surface area.

MOUNTING:

Reduce mounting costs with optional threaded studs or integral mounting bracket.



delivery

P E R F O R M A N C E

ITT Standard's advanced lean manufacturing process provides fast deliveries and high on-time performance.

- Same day service for most models
- ASME Code Stamp in 3 working days
- Special configurations in 5 working days
- Prototypes in 10 working days



supply chain

P E R F O R M A N C E

Experience the benefits of lean manufacturing. Let ITT Standard develop the optimal supply systems for your Brazepak™ brazed plate heat exchangers.

- Lessen unnecessary handling
- Reduce factory floor space
- Decrease redundant/excess packaging

the new standard in performance
t h e r m a l | t e c h n i c a l | d e s i g n | d e l i v e r y | s u p p l y c h a i n

Models of efficiency.

Engineered/customized
heat exchangers
for process and other
heating/cooling
applications.

Plateflow®
plate-and-frame
exchangers.

Pre-engineered
shell-and-tube heat
exchangers for general
heating and cooling.

Heat transfer coils.

FanEx® and AirEx® air/oil,
air/air, or air/water
heat exchangers.



For more information, please contact:



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