

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 PERFORMANCE

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 PERFORMANCE

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

