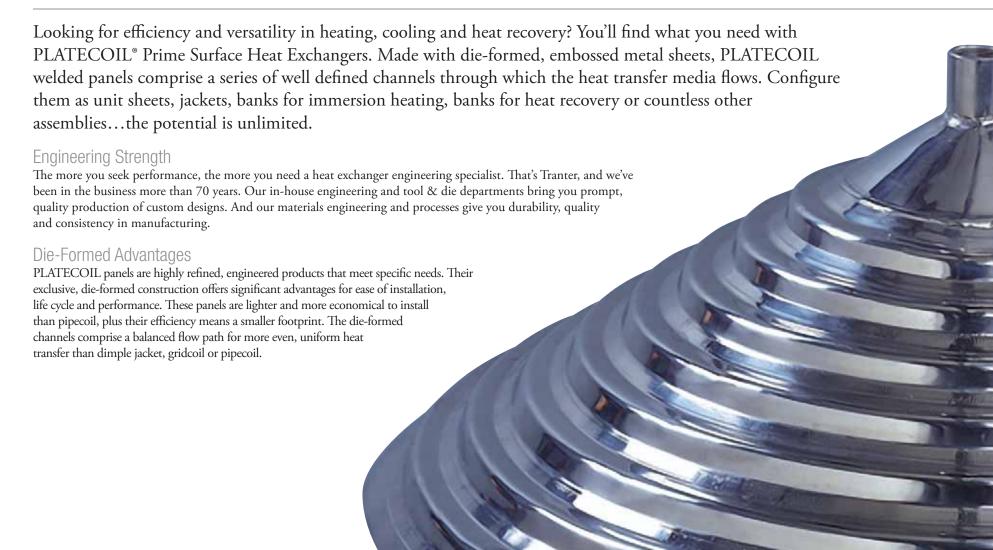


PLATECOIL® Prime Surface Heat Exchangers

Shape One Size Does NOT Fit All...



Any Way, Shape or Form, PLATECOIL® Can Take the Heat







Flow configurations are Serpentine or Multi-Zone patterns, or other custom-designed flow configurations. The Serpentine flow pattern is used primarily with liquid heat transfer media such as water, oil and liquid refrigerants. This configuration allows the heat transfer media to reach high flow velocities and outstanding rates of heat transfer.

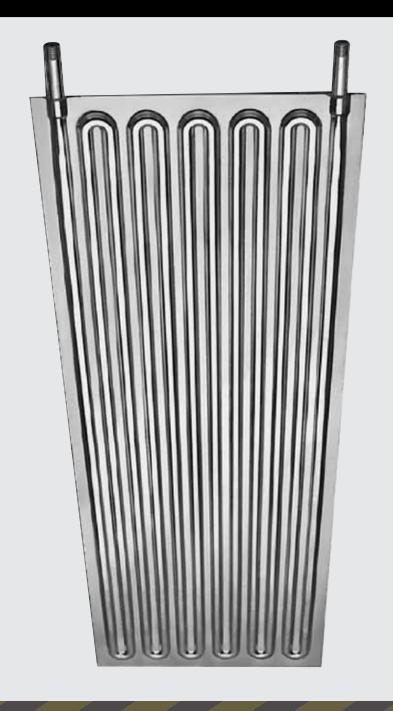
The Multi-Zone flow pattern is ideal for steam heating. Its exclusive zoned header design provides controlled steam distribution, preventing efficiency-reducing condensate "blocking" from occurring. The Multi-Zone pattern provides far more heat transfer efficiency than pipecoil, gridcoil, dimple sheet or plate-type units with a straightheader design.

ECONOCOIL is a specially engineered variant fabricated as resistance-welded, hydraulically expanded panels. They are available in an assortment of single-embossed or double-embossed styles and sizes in Serpentine or Parallel passes. Configurable as banks, curved panels or special shapes, they are capable of operating pressures to 24 barg (350 psig).

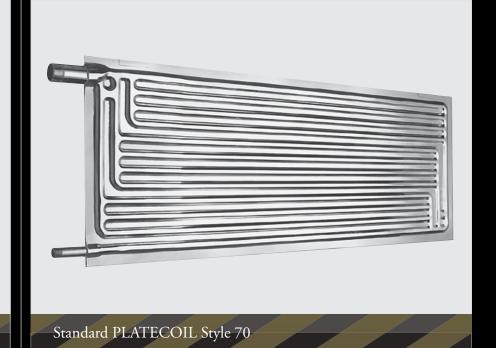
Popular PLATECOIL® Applications

- Jacketed tanks and vessels
- Clamp-on upgrades
- Immersion heaters and coolers
- Heat recovery banks
- Suction heaters
- Bayonet heaters
- Cryogenic shrouds
- Drum warmers
- Pipe coolers

- Freeze-dry condenser banks
- Shipboard heaters and coolers
- Cascade coolers
- Refrigeration coolers
- Storage tank heaters
- Shelves
- Fluidized beds
- Gas cylinder heaters







One Shape Does NOT Fit All
Scan through the broad spectrum of PLATECOIL solutions presented in the next few pages. You're sure to see some money-saving, control-improving ideas you can put to work in your own facility.

Unit Panels







Tanks and Vessels



Banks in highly agitated polypropylene reactor

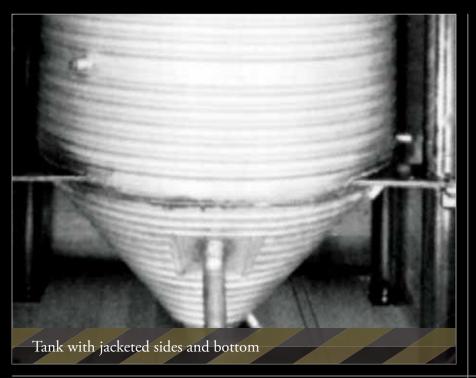




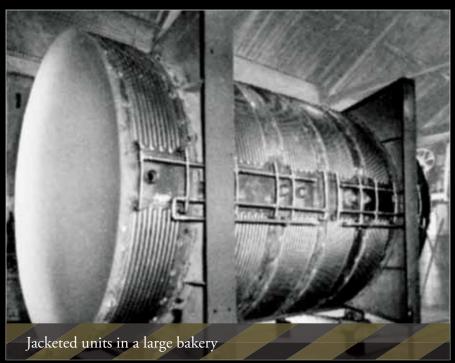










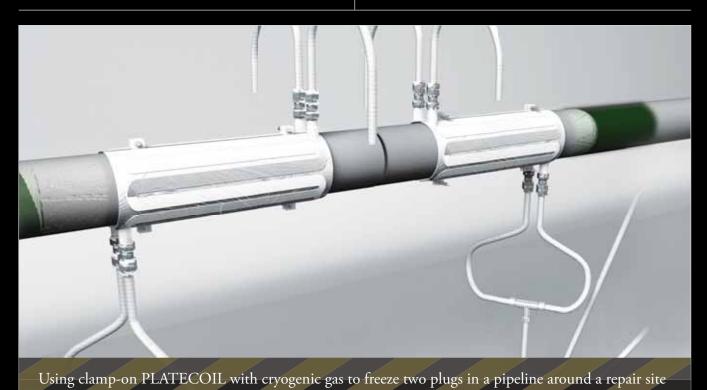




Clamp-On





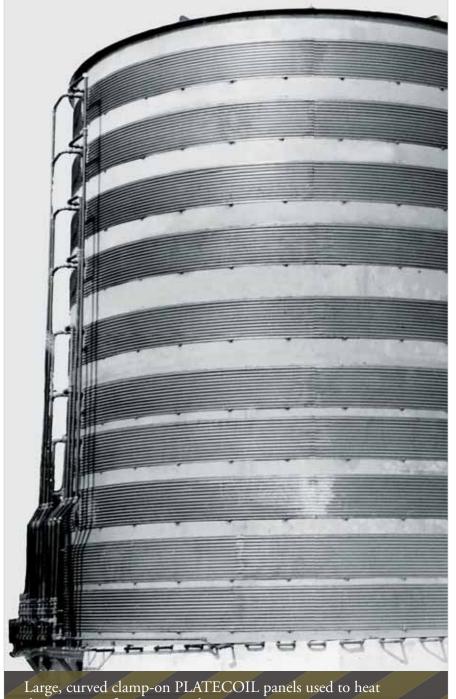












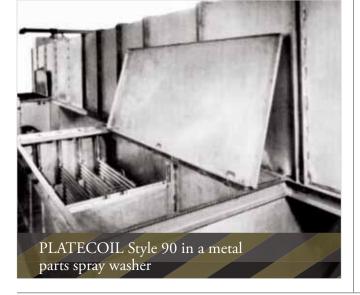
Large, curved clamp-on PLATECOIL panels used to heat the contents of a storage tank

Banks



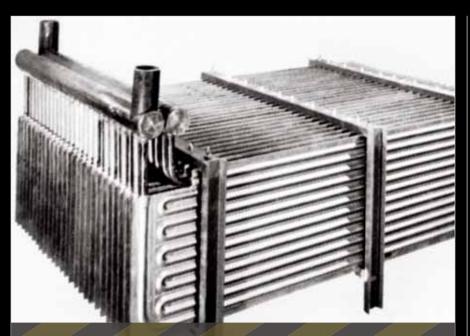




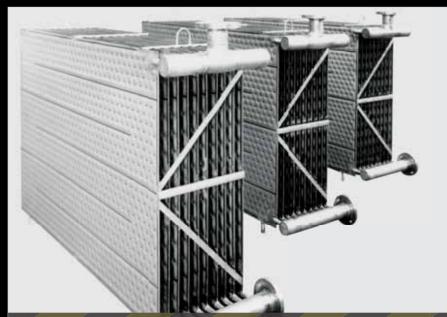




PLATECOIL bank externally recessed into ship hull (grid cooler) provides cooling for vessel's fresh water circuit



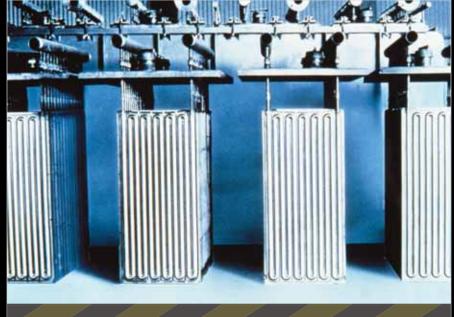
Bank for heating metal cleaner solution with hot water



Titanium ECONOCOIL bank provides durable cooling of sodium chlorate solution



Compact PLATECOIL bank for a carbonator at a soft drink plant

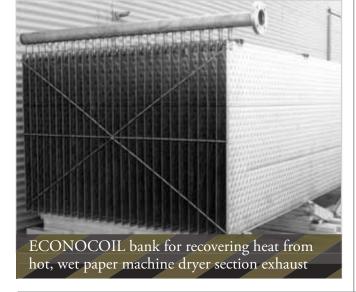


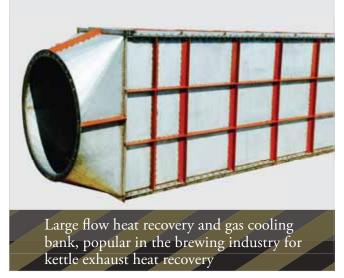
Assembly for fluidized bed cooling





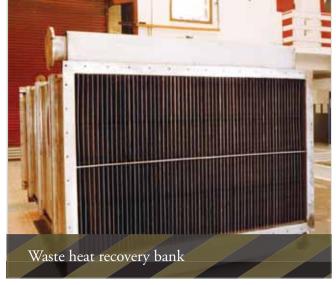
Banks in tanks for process heating or for heat recovery from hot waste streams





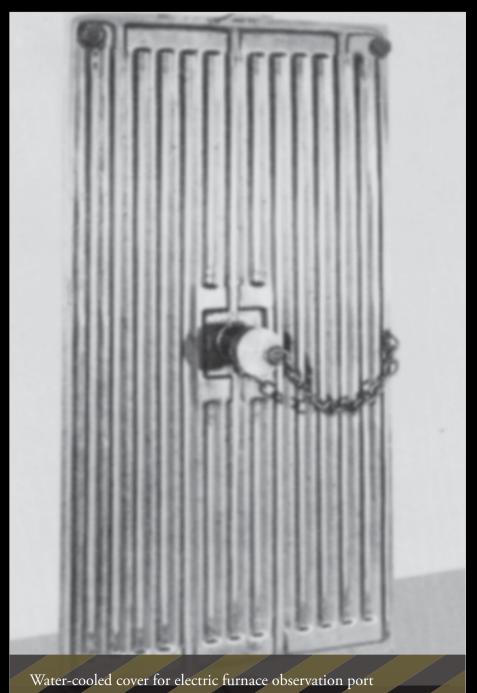


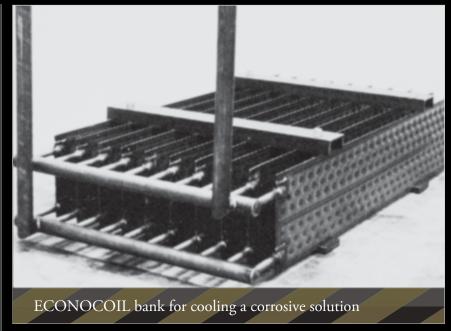




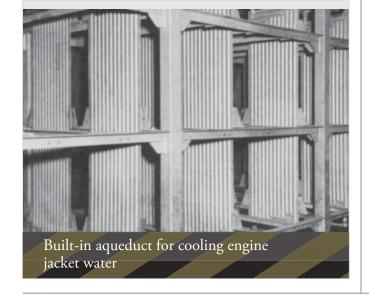


Special Fabrications



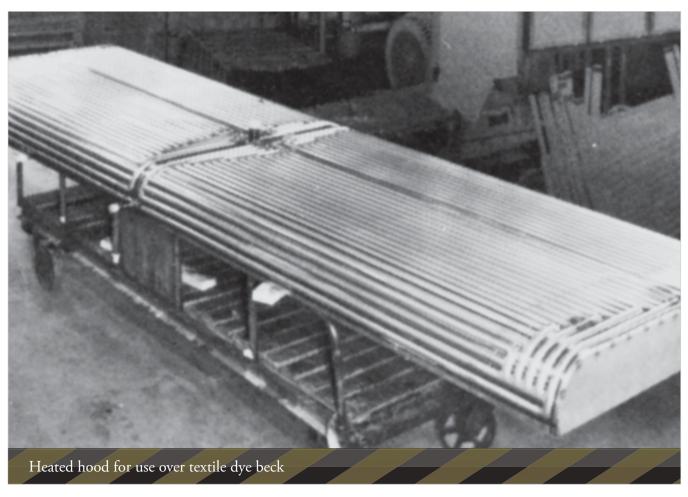








Bulk material dryer with heated baffles, commonly used in textile manufacturing and tobacco drying

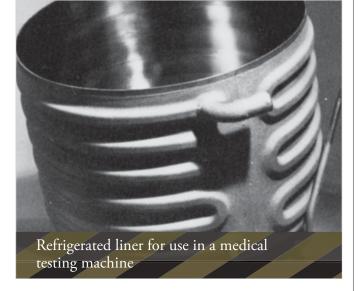


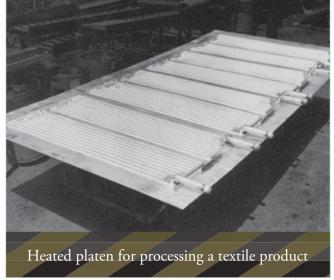


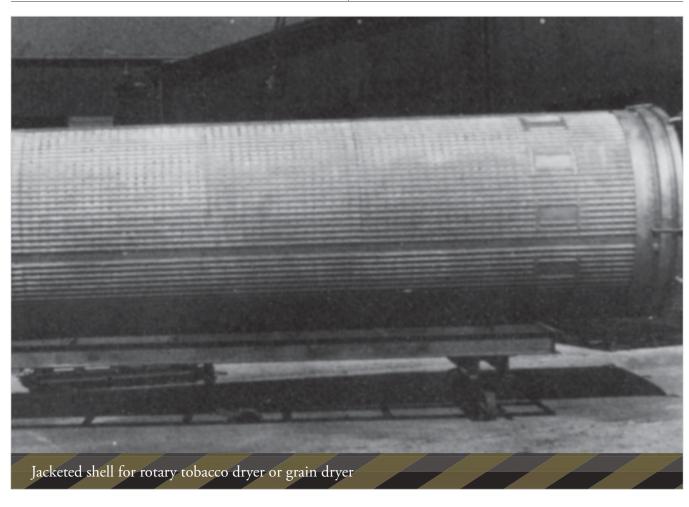


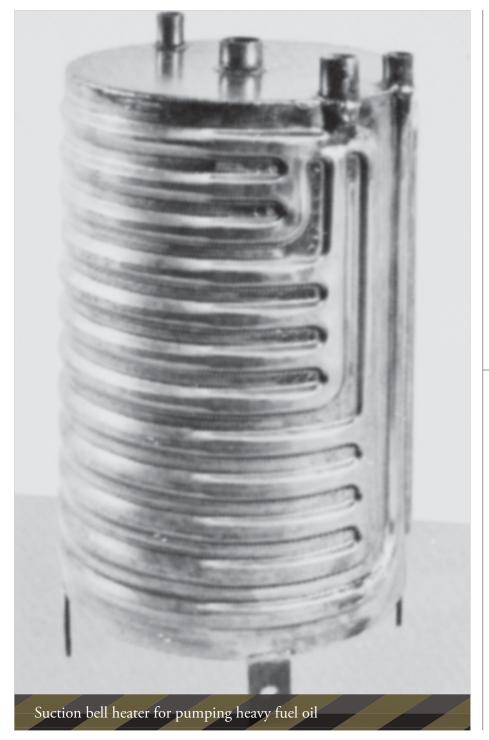




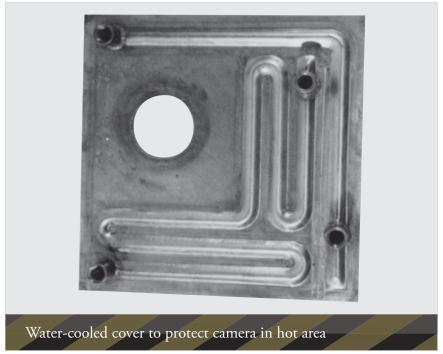


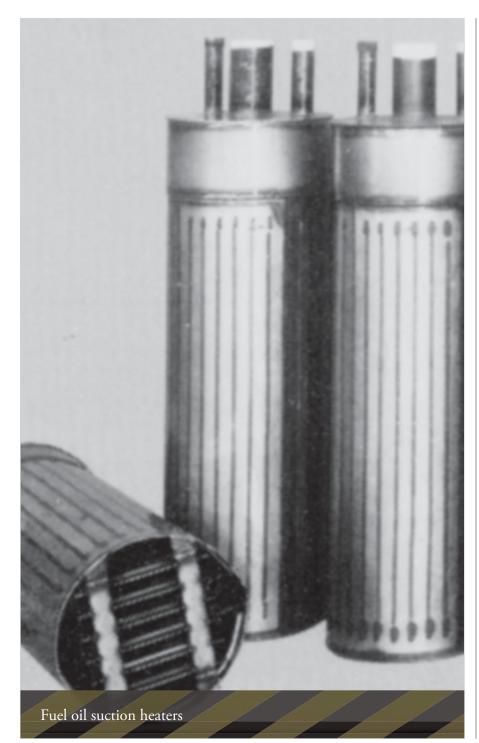


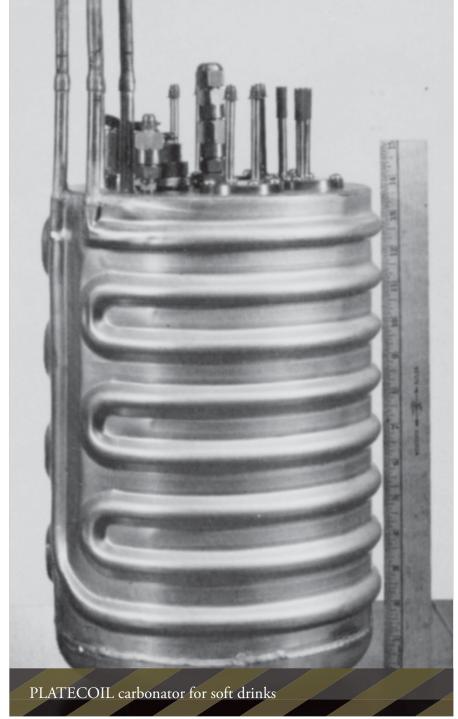




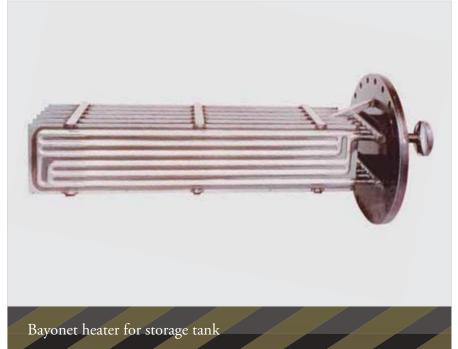


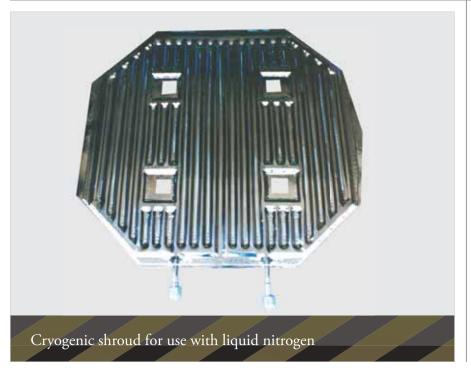


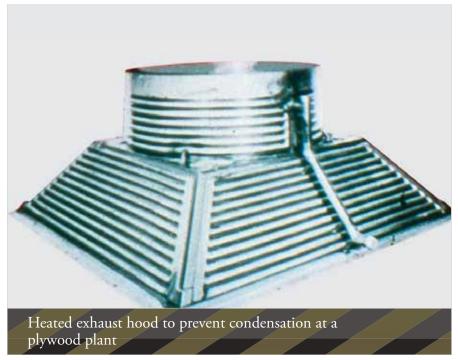












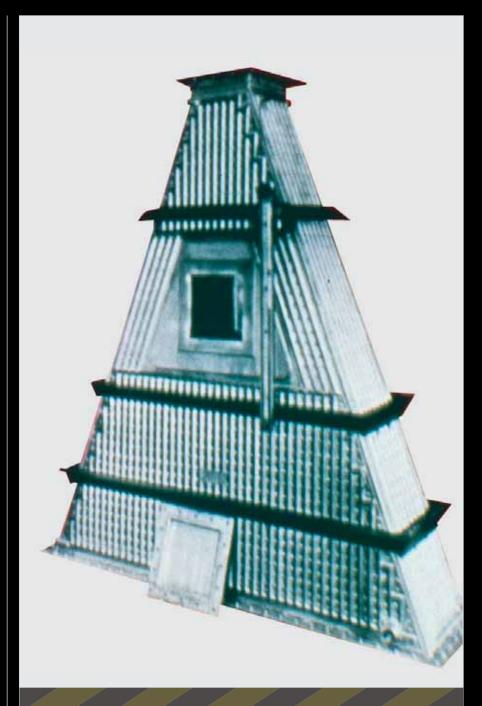








Falling film evaporators for concentrating fertilizer acids



Water-cooled chute for a chemical product

Reshape Your Future With PLATECOIL

Any way you look at it, PLATECOIL Prime Surface Heat Exchangers bring new and better solutions to your direct heat transfer processes. Learn more at www.tranter.com. Complete our Heat Recovery Application Data Sheet in the Literature section or, for more specialized needs, complete the Request Information Form in the Contact section. And don't forget to request a copy of the PLATECOIL Brochure and Data Manual for more in-depth information, specifications, performance and configuration details.

Don't settle for the "one shape fits all" approach. Contact your Tranter representative today! He's ready to assist you through the feasibility process to ensure you receive the optimum technical solution for your applications.



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