

At USA we build all types of retrofit heat transfer equipment, from Replacement Tube Bundles to Full Tank Heaters and complete Shell and Tube Heat Exchangers. When replacing an existing tube bundle or re-tubing an existing exchanger, USA can duplicate your equipment to match existing dimensions or make changes to meet any engineering requirements you require.

QUICK SHIP OPTIONS

USA Coil & Air applies more than 50 years of design and manufacturing experience in the coil and air handling business along with a sincere dedication to providing you with the right products fast. The USA Coil & Air Quick Ship Program helps assure that you can meet deadlines.

Replacement Tube Bundles

Standard ship: 1-2 weeks

Shell & Tube Heat Exchangers

Standard ship: 3-4 weeks

Expedited ship: Request Availability



800-USA-COIL



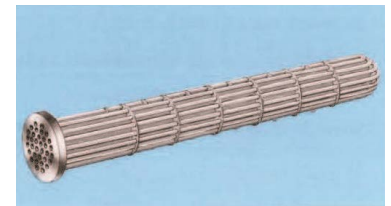
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MADE IN USA

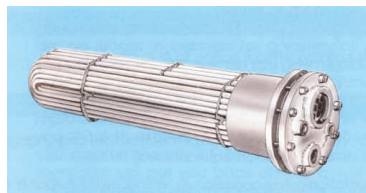
TUBE BUNDLES

USA Coil & Air can duplicate any existing Bundle to include dimensions, materials and performance. We can build "U" tube bundles, straight tube "floating" tubesheet bundles or we can re-tube "fixed" tubesheet heat exchangers when the bundle is not removable.



USA can offer a wide variety of materials, including: carbon steel, stainless steel, cupro-nickel, admiralty brass and many others.

TANK HEATERS



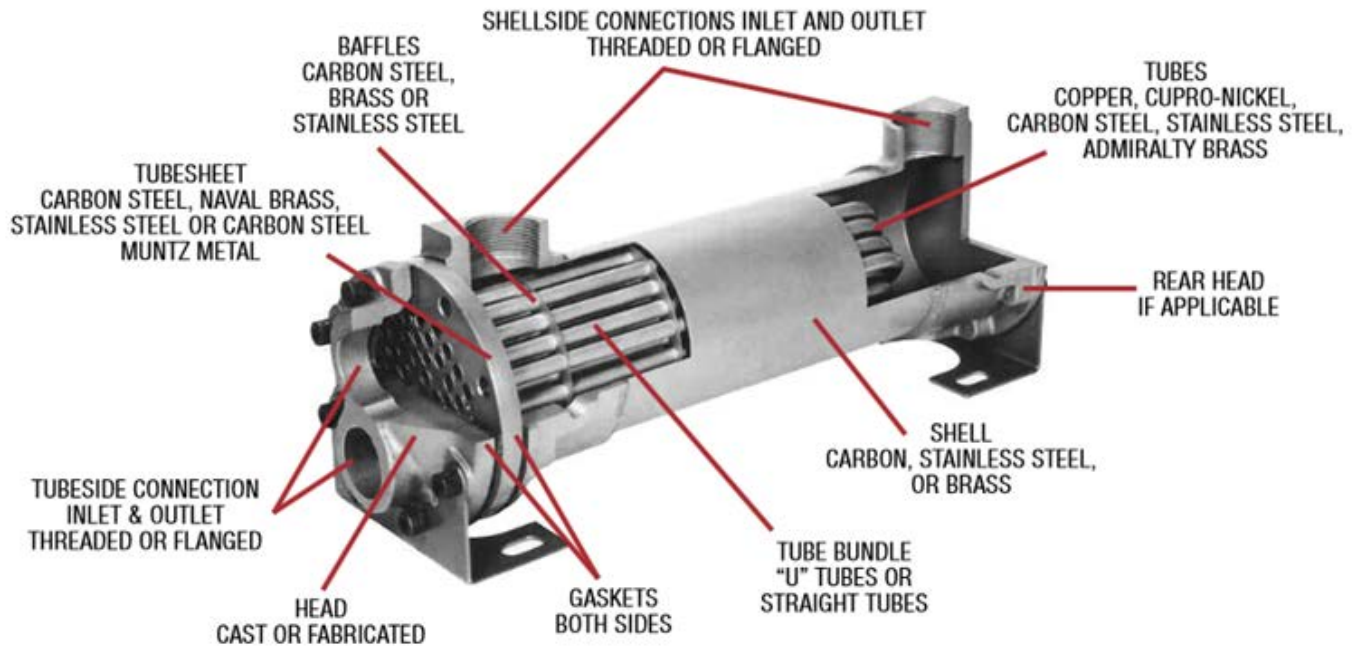
We build tank heaters for either steam or hot water use. We can offer the bundle by itself or we offer the entire tank heater assembly which includes: the bundle, cast or fabricated head and a sleeve which the bundle slide into. We have very few limitations on length or diameter and can size your tank heaters to match your existing tank.

SHELL & TUBE EXCHANGERS

"U" tube heat exchangers and both "fixed" & "floating" straight tube tubesheet exchangers are built for high thermal efficiency with rugged construction for tough day to day operations.



- Special connection sizes and locations
- Various tube diameters and spacing
- Tube length and special materials available



When to Retube?

It's economical to retube an existing heat exchanger or bundle in the following cases:

1. A straight tube fixed tubesheet exchanger - the bundle in this type of exchanger is not removable, that is the tubesheets at each end are welded to the shell, and the only way to save the existing shell and heads is to retube the exchanger.
2. A removable bundle, where the tubesheet has some intrinsic metal value - retubing a "U" tube bundle, where the tubesheet is steel and worth \$50.00 is not an economical proposition. If the tubesheet is stainless steel, brass, cast bronze, copper lined and has some value and you want to reuse it, then you should consider retubing the bundle.
3. Saving money is not your objective, but duplicating the existing bundle is more important. When you retube, you exactly duplicate the bundle and there is no room for error.

Products and specifications subject to change without notice.