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(Monday to Friday- 8am to 5pm eastern)

Address

API Heat Transfer Inc.
2777 Walden Avenue
Buffalo, NY, 14225

(P) 716-684-6700
(F) 716-684-2155

sales@apheattransfer.com

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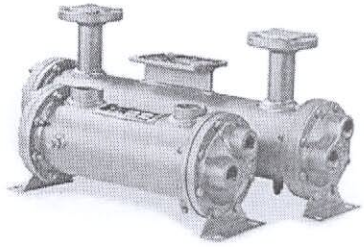
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Standard Shell & Tube

Basco Type 500 Shell & Tube Heat Exchangers

The Basco Type 500 remains the industry standard in ultimate value and long-term reliability. This proven fixed tubesheet shell & tube heat exchanger offers the cost effectiveness that comes with having a highly standard design, while easily providing for various options to meet specific customer requirements.

- Sizes:** 3" to 12" diameter, 14" to 120" length
- Shells:** Carbon Steel or 304 Stainless Steel
- Tubes:** 1/4", 3/8" or 5/8" diameter tubes available in Copper, Admiralty, 90/10 CuNi, or 304 S/S. Straight tube or U-Tube configurations

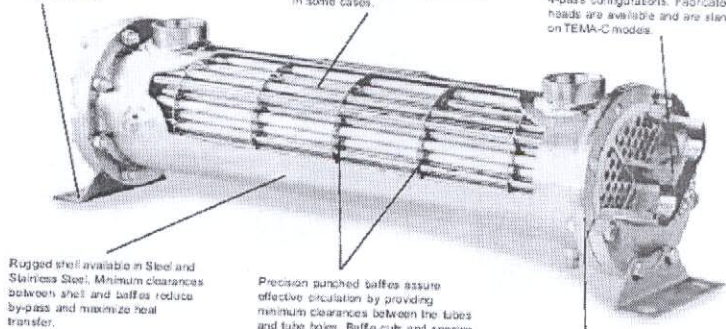


- Baffles:** Precision punched Carbon Steel, Brass, or 304 S/S
- Heads:** Cast heads available in iron, 304 S/S, or bronze; Fabricated heads available in Steel, 304 S/S, or 90/10 CuNi.
- Flow:** Available in 1-pass, 2-pass, and 4-pass designs
- Codes:** Commercial Standard (non-code)
ASME
TEMA-C

Heavy stamped steel brackets are standard and can be rotated and reversed for a variety of mounting needs. Cradle mounting is available on all models.

Tubes are available in Copper, 90/10 CuNi, Stainless Steel, Admiralty or Titanium. Tubes are roller expanded. Seal welding and grooving available in some cases.

End bonnets are of high quality cast iron, Bronze or Stainless Steel in 1, 2 or 4-pass configurations. Fabricated heads are available and are standard on TEMA-C models.



Rugged steel available in Steel and Stainless Steel. Minimum clearances between shell and baffles reduce by-pass and maximize heat transfer.

Precision punched baffles assure effective circulation by providing minimum clearances between the tubes and tube holes. Baffle cuts and spacing for each diameter are consistent with best practices.

Thick Carbon Steel, Stainless Steel or 90/10 CuNi tubesheets are welded to the shell.

Basco Type 500 heat exchangers are manufactured in our ISO 9001 certified Buffalo, NY facility and our Suzhou China facility. API Heat Transfer employs Demand Flow Technology (DFT) manufacturing processes where finished goods are made "on-demand" from components and in-line support machining centers. API Heat Transfer has invested heavily in DFT and embraces the superior quality, improved workflow and cost controls inherent in DFT manufacturing.

Typical applications for Type 500's include:

- Compressor Systems
- Lube Oil Consoles
- Hydraulic Systems
- Stationary Engines
- Turbine
- Marine Applications
- Paint Systems
- Air Dryers
- Vapor Recovery Systems

For complete information on this product visit our Literature section for a free download of the [Basco Type 500 Heat Exchangers](#) brochure.

Also see the [Rotary Screw Compressor Application Sheet](#)

To contact an API Heat Transfer Sales Engineer directly, [click here](#)