TEX-FIN is committed to providing our customers with the most accurate and competitive heat exchanger designs. We are fully capable of meeting all your requirements from Thermal Sizing through ASME Mechanical Design and Assembly Drawings.

**THERMAL DESIGN:** As a member of the Heat Transfer Research Institute, TEX-FIN utilizes the most up-to-date transfer rate data and process properties. This allows us to provide our customers with the most accurate sizing of their heat exchangers assuring that all TEX-FIN heat exchangers perform per our customer’s requirements.

**MECHANICAL DESIGN:** TEX-FIN uses our comprehensive in-house software to provide our customers with complete ASME calculations, General Arrangement, and Assembly Drawings to assure safe and efficient operation and installation of our equipment. Our engineers are also fully capable of incorporating all special customer requirements into our designs to guarantee that our equipment meets all Code, Safety and Project requirements.

**DEDICATED TO QUALITY, SERVICE & DELIVERY**

Quality, Service and Delivery are the foundations of TEX-FIN’s business philosophy. We monitor each job through every stage of production to insure that our strict quality requirements are met.

Service at TEX-FIN begins with your initial call and extends past delivery. Our success is the result of our belief that a sale is only the beginning of a long-term relationship.

TEX-FIN will work around the clock to meet your delivery requirements. Whether it is a long production run or a pressing deadline, our staff is ready to respond.

**TEX-FIN: EXCEEDING CUSTOMER EXPECTATIONS SINCE 1964**

TEX-FIN, Inc.™

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### HIGH FREQUENCY SOLID FINNED TUBES

Our Solidfin is metal strip that has been solid fin and is then helically formed under tension around the specified tube or pipe, and continuously welded to the tube or pipe surface using the High Frequency welding process.

**TUBE SIZES:** 1 inch OD - 6 inch NPS  
**FIN HEIGHTS:** 3/8 inch - 1-1/2 inch High  
**FIN THICKNESS:** 20 Guage - 14 Guage  
**FIN PITCH:** 1 Fin/Inch - 7 Fins/Inch  
**MATERIAL:** Any metal or combination of metals that can be welded using the High Frequency welding process.

### HIGH FREQUENCY SERRATED FINNED TUBES

Our Serrated fin is metal strip that has been segmented and is then helically formed under tension around the specified tube or pipe, and continuously welded to the tube or pipe surface using the High Frequency welding process.

**TUBE SIZES:** 1 inch OD - 8 inch NPS  
**FIN HEIGHTS:** 3/8 inch - 1-1/2 inch High  
**FIN THICKNESS:** 20 Guage - 14 Guage  
**FIN PITCH:** 1 Fin/Inch - 7 Fins/Inch  
**MATERIAL:** Any metal or combination of metals that can be welded using the High Frequency welding process.

### LONGITUDINAL FINNED TUBES

Our Longitudinal fin product is metal strip that is formed into a U-shaped channel and then electrically resistance welded to the surface of the tube or pipe in parallel pattern.

**TUBE SIZES:** 1 inch OD - 8 inch NPS  
**FIN HEIGHTS:** 3/8 inch - 1-1/2 inch High  
**FIN THICKNESS:** 20 Guage - 14 Guage  
**FIN PITCH:** 4 Fin/Inch - 72 Fins Per Pipe  
**MATERIAL:** Any metal or combination of metals that can be welded using the High Frequency welding process.

### O.E.M. EQUIVALENT ACCESSORY COMPONENTS

As a manufacturer-distributor, TEX-FIN provides our customers with a full range of competitively priced O.E.M. equivalent accessories for their air cooled heat exchangers.

### HEADER PLUGS

TEX-FIN can provide custom machined shoulder-type or NPT-type header plugs in any length. Our header plugs are also available in forged materials to meet the requirements of API 661. All plugs are available in a wide range of materials from Carbon Steel to Stainless Steel to Exotic Alloys. TEX-FIN is ready to meet all your requirements with our high-quality header plugs and gaskets.

### DRIVE SYSTEMS

As a distributor, TEX-FIN can provide competitive pricing on all drive components including fans, motors, bearings, belts, fan shafts and vibration switches. We can offer fixed, manual or automatic adjustable fans utilizing aluminum, steel or fiberglass blades to meet your requirements. We offer high quality NEMA or IEC electric motors and slide bases in a variety of horsepower sizes. Our V-belt or HTD Belt systems include all belts, sheaves and bushings, and can be designed to meet any speed reduction requirements. We offer both 2 bolt pillow-block and 4-bolt main bearings as required by the application. Our fan shafts are custom machined to meet any length/key-way/snap-ring configuration. All our parts meet or exceed O.E.M. requirements for a direct fit on your existing equipment.

### LOUVERS

TEX-FIN offers both aluminum and galvanized steel louvers to meet both customer and API 661 requirements. Our louvers are available with either manual or automatic controls. All louvers are O.E.M. equivalent to match any existing configuration.
SOLDER COATED FINNED TUBES
Solder Coated finned tubes offer resistance to corrosion but a reduction in thermal performance. Solder Coated finned tubes have an edge wound fin that has an outer coating of solder.

TUBE SIZES: 9/16 Inch OD - 2 Inch OD
FIN HEIGHTS: 1/4 Inch - 1 Inch High
FIN PITCH: 5 Fin/inch - 13 Fins/Inch

ROOT SOLDER FINNED TUBES
Root Solder finned tubes offer high thermal performance and are resistant to fin and tube separation caused by vibration. The fin material is edge wound on to the surface of the tube and solder is applied at the base of the fin, attaching it firmly to the surface of the tube.

TUBE SIZES: 3/8 Inch OD - 2 Inch OD
FIN HEIGHTS: 1/4 Inch - 1 Inch High
FIN PITCH: 4 Fin/inch - 13 Fins/Inch

BRAZED FINNED TUBES
Brazed finned tubes offer an alternative to welded fins for applications requiring smaller OD or thinner wall tubes with a strong fin to tube bond. The fin material is edge wound on to the tube and then furnace brazed.

TUBE SIZES: 9/16 Inch OD - 2 Inch OD
FIN HEIGHTS: 1/4 Inch - 1 Inch High
FIN PITCH: 5 Fin/inch - 13 Fins/Inch

WHO WE ARE:
A proven team dedicated to shop fabrication and field repairs for economizers, convection, radiant heaters, ASME code pipe welding, heater and boiler shutdown repairs at our Houston, Texas, fabrication shop or on-site at your location.

WHAT WE DO:
TEX-FIN will save you time and money by getting you back up and running with the least amount of downtime by offering a single point of contact and one purchase order.

WHERE WE WORK:

INDUSTRIES:
- Oil & Gas
- Chemical, Petrochemical & Process
- Power Generation
- Pipeline
- Texas Gulf Coast North
- East
- Florida

RÉGIONS:
- West
- South
- West
- Canada
- Latin America

ASME CODE SHOP:
- ASME
- National Board
- HTRI

QUALIFICATIONS:
- Fabrication & Welding Services
- Finning & Engineering
- Convection Boxes
- Compression & Boilers
- ASME Code
- Stamps
- HTRI
HEAT EXCHANGERS

AIR COOLED HEAT TRANSFER EQUIPMENT

Utilizing over 70,000 sqft of manufacturing space, we are dedicated to providing fast, efficient and competitive fabrication options to our customer. From ASME certified to non-certified equipment; from Carbon Steel, Stainless Steel to Exotic Alloys; from motor driven to compressor driven to natural draft, TEX-FIN is your complete source for Air Cooled Heat Exchanger equipment.

All our equipment is designed to meet your exact process and project requirements and undergo our thorough quality inspection to insure our customers complete satisfaction.

PROCESS COOLERS

We offer a full range of electric motor driven vertical and horizontal draft process coolers that are custom built to your exact requirements. Ranging from 3’x3’ to 16’x60’, we can design the equipment for you.

COMPRRESSOR COOLERS

We offer compressor coolers in both Vertical and Slanted Coil designs. We are also able to custom design multi-coil units to handle multiple stage gas and water applications on the same unit.

AMBIENT COOLERS

Our ambient coolers are made to exacting standards to insure maximum cooling from natural draft flow. They are also available with coil guards that improve cooling and protect against weather damage.

AIR COOLER ASSEMBLY PACKAGES

For Export or just to save shipping costs, TEX-FIN offers all our coolers as our exclusive Air-Cooler Assembly Package. The packages include all materials ready for assembly. Units are fully tested and match marked to assure easy assembly.

No Cutting, Drilling or Welding.

O.E.M. EQUIVALENT REPLACEMENT BUNDLES

Regardless of the manufacturer, TEX-FIN is able to provide O.E.M. replacement coils to fit existing structures. Our coils are fully designed and tested to insure satisfactory performance. TEX-FIN can also re-rate existing coils to insure working pressure or temperatures as allowed by CODE. We specialize in fast delivery to meet turn-around or emergency situations.

L-FOOT FINNED TUBES

L-Foot tension wound finned tubes are an economical solution for applications requiring greater resistance to vibration and heat cycling. The L-Foot design mechanically locks the fins and provides broader contact surface between tube and fin.

| TUBE SIZES: | 1/2 Inch OD • 2 Inch OD |
| FIN HEIGHTS: | 1/4 Inch • 1 Inch High |
| FIN PITCH: | 8 Fins/Inch • 11 Fins/Inch |

EMBEDDED FINNED TUBES

Embedded fin tubes offer solutions where higher temperatures, continuous thermal cycling and tube vibration can cause failures. The fin is embedded into a groove that is cut into the tube O.D. and locked in place by rolls that force the displaced metal to tightly close around the fin base.

| TUBE SIZES: | 9/16 Inch OD • 2 Inch NPS OD |
| FIN HEIGHTS: | 1/4 Inch • 0.807 Inch High |
| FIN PITCH: | 5 Fins/Inch • 13 Fins/Inch |

EXTRUDED FINNED TUBES

Extruded finned tubes provide the greatest resistance to atmospheric corrosion. The aluminum fin material completely encloses the tube, except at the end where a tube coating can be applied. The fin is rolled from an outer aluminum tube using pressure to create a rolled “pressure bond” between the tube and fins.

| TUBE SIZES: | 1 Inch OD • 1-1/4 Inch OD • 1-1/2 Inch OD |
| FIN HEIGHTS: | 1/2 Inch • 5/8 Inch High |
| FIN PITCH: | 8 Fins/Inch • 11 Fins/Inch |

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