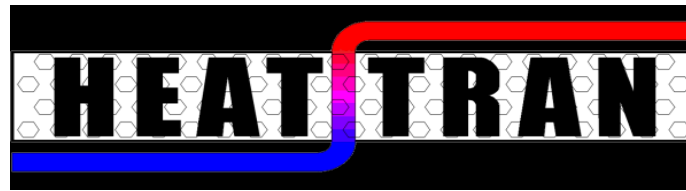


FABRICATION CAPABILITIES

Our Houston, Texas facility has ASME "U" and "S" capabilities plus National Board Registration and Repair services.

From this location, we can fabricate the common metallurgies of both "shell & tube" and "air cooled" heat exchangers



www.heattran.com



With more than 15 years of experience with the design and fabrication of "Air Cooled", "Shell & Tube" and "Plate and Frame" Heat Exchangers. We can solve the most complex heat exchanger requirements.

With our strong background in heat transfer design and our approach to efficient and cost-effective manufacturing. HEATTRAN is poised to become the innovative leader in the heat exchanger market.

After 25 years covering all aspects of engineering, fabrication, and quality control in the heat exchanger market, HEATTRAN was established to provide engineering and fabrication support to fabricators and end-users worldwide.

With the addition of our full-service manufacturing facility, HEATTRAN now offers:

40,000sqft of fabrication space with segregated bays for alloys and carbon steel to avoid cross contamination

Our 2 acres of concrete lay down area give ample secure storage for your equipment pending shipment.

100,000 lbs. of lift capacity, 18ft hook height and 20ft x 18ft bay doors allow us to handle any project, large or small.

Conveniently located at the Port for Houston for easy cost-effective shipping to anywhere in the world.

A single source for "shell & tube" and "air cooled" heat exchangers provide our customers reduced purchasing and inspection costs.

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ENGINEERING CAPABILITIES

As a member of HTRI (Heat Transfer Research Institute) and AspenTech, HEATTRAN uses the most accurate heat transfer correlation data to ensure that our heat exchanger designs are accurate and operate correctly in their service requirements

Using both in-house developed software and recognized industry software, HEATTRAN accurately designs our equipment to meet all ASME requirements plus customer specifications, API 660 and API 661 as required.

Combined with our proprietary design methodologies, HEATTRAN has established a reputation of providing engineering packages for approval in days instead of weeks.

OUR HEAT TRANSFER PRODUCTS

HEATTRAN can design and fabricate all TEMA type “shell & tube” heat exchangers including:

- Kettle type Reboilers and Chillers (“K” type shells with or without weir plates)
- High Pressure Gas-Gas “Shell & Tube” Exchangers utilizing fixed tube sheets (AEL/BEM/NEN)
- Split flow type shells utilizing both welded in our removable long baffles (“F” type shells)
- Cross flow type shells (“J”, “X” and “H” type shells)
- Hair Pin type exchangers (“U” bundles)
- Floating Heat type exchangers (“S”, “T” and “P” bundles)

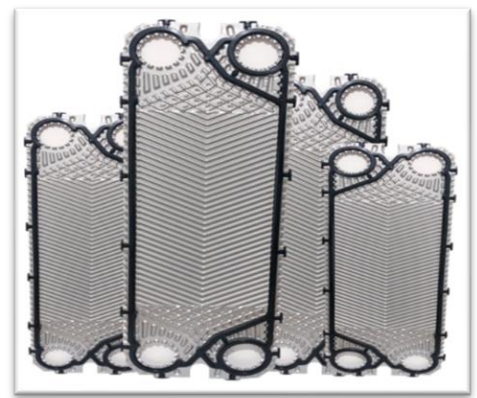
HEATTRAN can design and fabricate most “air cooled” type heat exchangers including:

- Condensers with sloped tubes for free draining
- Forced or Induced draft
- Horizontal or Vertical air flow
- Ambient coolers
- Single or Multi Fan configurations with either fixed or auto-adjustable blades
- Single Speed, 2 Speed and VFD motors to meet any environment or electrical requirements
- V-Belt, HTD belt, Gear or Direct drivetrain configurations
- Accessories including Louvers, Hail Screens, Hot Air Recirculation Systems, Ladders and Walkways
- O.E.M equivalent replace parts including gaskets, header plugs, tubes, motors, belts, bearings and fans.

HEATTRAN can design and fabricate most plate & frame and brazed plate heat exchangers:

- Gasketed plate and frame 330° F max and 360 psi max
- Welded plate and frame 750° F max and 580 psi max
- Replacement Plates and Gaskets equivalent for Plate and Frame Exchangers for all OEM brands.

OUR REPLACEMENT BUNDLES, PLATES & GASKETS



HEATTRAN also offers its clients O.E.M. equivalent bolt-in replacement bundles for the “shell & tube” and “air cooled” heat exchangers.

- the complete equivalent to the original bundles and can be installed without requiring modifications to equipment, piping or structures.
- allow our clients to realize significant savings and faster turnarounds than using conventional original parts while maintaining performance.

