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Your single source for API 660 and API 661 Shell & Tube (TEMA) and Air-Cooled Heat Exchangers.

With more than 17 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.



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.

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 plus acres of lay down area give ample secure storage for your equipment pending shipment.*
- *With 100,000 lbs. plus 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 easy cost-effective shipping to anywhere in the world.*

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:

- Knock Back Condensers for Nitrogen Recovery Units (NRU's) at -320 Deg F
- 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.



OUR REPLACEMENT BUNDLES & 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.

