DELTA TEE

The DIFFERENCE is in the DELTA!

Shell & Tube Heat Exchangers for Industrial Applications

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Shell & Tube Heat Exchangers

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Delta Tee is a leading manufacturer of Shell & Tube heat exchangers in the USA. These units are very rugged and see service in the Petro-Chem, Power and Oil & Gas sectors due to their ability to accommodate high pressures and temperatures. Industrial Refrigeration is also well served by Shell & Tube chillers and condensers, working as low as -55°f.

Consider the following parameters when specifying a Shell & Tube heat exchanger.

Pressures
Temperatures
Mass Flows
Fluids
Phases

Materials / Metallurgy
Fouling Service / Factors
Footprint / Volume

Shell & Tube exchangers are the most widely used class of heat exchange devices, due to their suitability for a wide range of applications. The refining and petro-chemical industries favor S&T because they are robust, reliable and safe.

The wide selection of tube materials is a big advantage, along with the ability to repair tubes in the field. The superior serviceability of S&T exchangers results in shorter maintenance turnarounds and minimal downtime.

Using special explosion bonded "Bi-Metal" tubesheets, the potential for corrosion is reduced while keeping the overall cost down. Each tube is roller expanded and then welded with a TIG welding process that guarantees double protection and long service life.

Traditional S&T exchanger technology provides our clients with many customizable variations where specific designs utilize proprietary construction features for optimal performance and long term reliability.

Available Materials

Stainless Steel
Carbon Steel
Duplex Steel
Titanium
Copper
Cupro-Nickel
Bronze

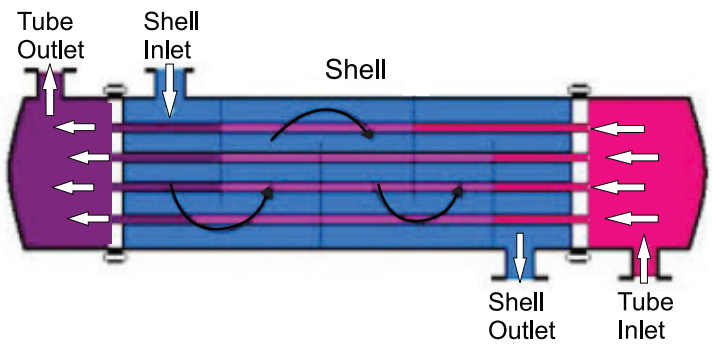
Codes & Standards

ASME
ABS
API
DnV
NACE
PED
TEMA

Size Capability

Up to 96"OD or 150,000lbs weight

Flow diagram for shell & tube Exchanger



Shell & Tube heat exchangers are robust, reliable and built to survive harsh operating conditions. They are easily cleaned and maintained without special tooling.