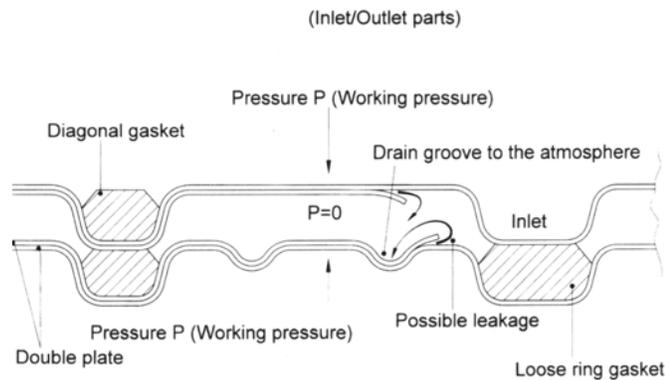


AMERIDEX DOUBLE WALL

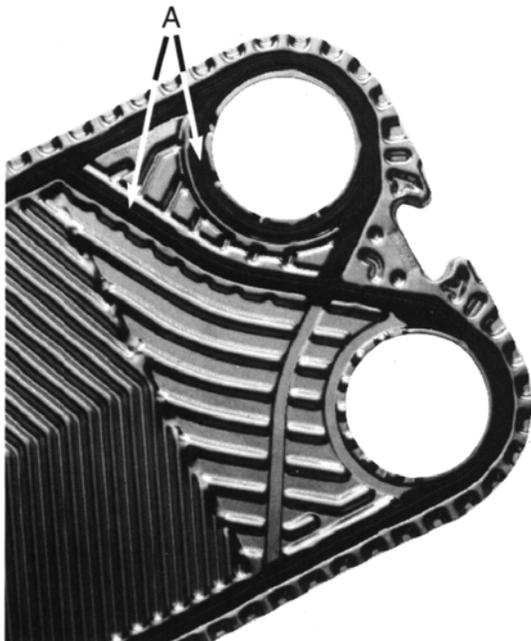
Design And Construction:

The *Ameri-Safe* Plate Exchanger varies from past industry technology in that it allows for leakage to be far more easily detected. This is especially the case around the inlet and outlet port areas, which traditionally were "hot spots" for leakage which was very difficult to detect. No welding of the plate cassettes is required.

The *Ameri-Safe* system consists of two thin flow plates stamped together. These plates form a "cassette" which allows leakage to be viewed from outside the area located between the plates, thus ensuring that no mixing between the primary and secondary fluids can occur. The Ameridex hanging system allows for easy assembly/disassembly of Ameri-Safe heat exchangers utilizing these cassettes.



The *Ameri-Safe* cassette system provides an extra margin of safety due to the design of the cassettes with leak channels to the atmosphere. This ensures instant and readily apparent leakage detection capability.



Materials:

Plates are available in either Stainless Steel or Titanium, and can be mixed Titanium/S.S. - S.S./Titanium. Gaskets are available in Nitrile rubber, EPDM and Viton.

Applications:

Domestic Water Heating
Engine Cooling / Potable Fluid Heating
Reverse Osmosis
Pasteurization
Nuclear/Safety
Pharmaceutical