

AE #1010 Fuel Cell Recuperator

Application: FUEL CELL RECUPERATOR

A major developer of fuel cell technology has a hot gas mixture at 1200F and water at .108 psi needing to be cooled to a reasonable temperature. The application called for a regenerative heat exchanger; to be put in place so that the heat removed from the hot stream would pre-heat the incoming gas to the fuel cell.

Solution

- Custom tube-in-tube heat exchanger
- Inner tube made of Inconel 600
- Outer tube made of 316L stainless steel
- Custom fittings



Features & Benefits

- Fittings welded to tube ends
- High temperature/ High thermal stress
- Small geometry for tight envelope
- No maintenance

How to contact Exergy

Please call 1-516-832-9300
or visit www.exergyllc.com
to locate your local rep.