



VACUUM PROCESS ENGINEERING

INNOVATIVE DESIGN

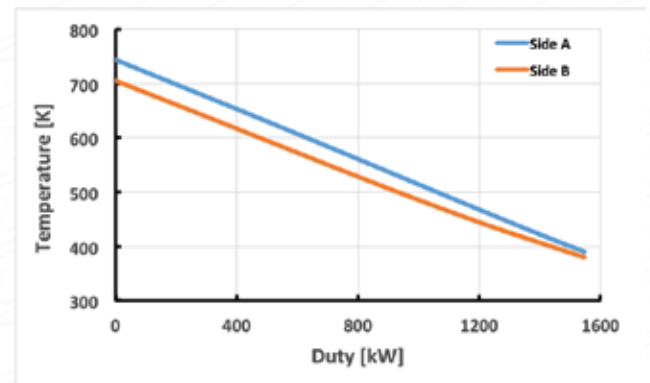
Sophisticated algorithms to meet unique customer challenges.



CRITICAL APPLICATIONS

Diffusion Bonded Microchannel Heat Exchangers (MCHEx) are built to meet the demanding temperature and pressure requirements of our customers. The plate design algorithms, created in partnership with U.S. National Laboratories, are based on the theories of fluid dynamics and advanced modeling tools.

- Pressures in excess of 500 Bar
- Temperatures in excess of 750 Celsius
- Close approach temperatures
- Inconel™, Hastelloy™, Stainless Steel, Duplex Stainless Steel, and Titanium



Close approach temperatures and higher effectiveness heat exchange.