



Sanitary Shell & Tube Compact Heat Exchanger Design Features

Compact: Kw for Kw, Approximately a quarter of the footprint of conventional

Shell and Tube Heat Exchangers.

Efficient: Large Heat Transfer Area in a greatly reduced geometry

Weld-Free: Unique NiCr Brazed Tube Bundle Design eliminates welds and gaskets

• Single-Pass: Compact Single-Pass eliminates U-Tube design issues.

Lighter: Greatly reduced weight – easier installation.

Versatile: Reduced geometry allows for closer point-of-use location.

Double Tube Sheet

316L, 1.4435, Titanium, Special Alloys

ASME BPE compliant

Fully drainable on tube side.

HX Performance Features:

Heat transfer rates to 5,000,000 BTU/hr (1465 kW)

Liquid flows to 250 GPM (946 LPM)

Pressures up to 1,500 psi (104 bar)

Typical WFI Cooling Q Values (120 Series – 125mmØ x 1000mm) Cooling WFI Flow CHW Flow KW Rating (O)

Cooling	WFI Flow	CHW Flow	KW Rating (Q)
80-20°C	40 LPM	357 LPM	167 kw
80-25°C	50 LPM	358 LPM	190 kw
80-40°C	487 LPM	383 LPM	1,337 kw
80-60°C	869 LPM	257 LPM	1,192 kw

