

This product is represented in Australia, New Zealand, and PNG by:

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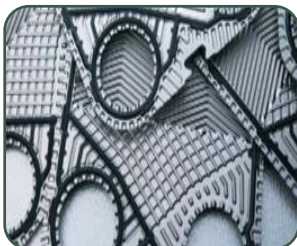
Heat Transfer Equipment

- Shell & Tube Heat Exchangers - Standard, Custom, Corrugated Tubes.
- Plate Heat Exchangers - Brazed, Gasketed, Semi-Welded, & Welded.
- Graphite Heat Exchangers.
- Plate & Shell Heat Exchangers.
- Spiral Heat Exchangers.
- Crossflow Welded Heat Exchangers.
- Direct Steam Injection Heaters.
- Air Coolers.



Corrosion Resistant Equipment - Valves, Piping, Vessels & Systems

- Polymer-Lined Valves, Piping, and Pressure Vessels.
- Exotic Metal (Ta, Zr, Ti) Fabricated Piping and Pressure Vessels.
- Glass-Lined Vessels.
- Graphite Equipment and System Packages.



Service Maintenance

- Plate Heat Exchangers - Refurbishment, Gas Testing, UV Crack Testing.
- Graphite Equipment - Installation, Refurbishment, Repairs.
- Glass-Lined Vessels - Spark Testing, Lining Repair.
- Quality Spare Parts, both OEM and Aftermarket.



Process Heating Solutions Worldwide

Food Processing Industry Case History



Clean In Place

Application

A dairy plant experienced frequent and costly failure of shell-and-tube heat exchangers on their clean-in-place (CIP) systems. The CIP system was pumped from the CIP tank through the heater to the CIP circuit. Increased energy efficiency was also part of the decision to look for an alternative solution.

Process Conditions

Liquid Flow Rate:	60 GPM
Temperature Rise:	90°F
Steam Pressure:	45 PSIG
Liquid Pressure:	20 PSIG
Steam Flow Required:	2,322 lbs./hr.

Solution

Pick SC25-1 Sanitary Heater was installed prior to system pump to provide an instantaneous heat up of CIP solution. The system was installed in the horizontal position to allow for mounting at the pump located on floor level. Since the original installation three other SC25-1 heaters have been installed as shell-and-tube units failed.

Features and Benefits:

- 100% Steam Efficiency
- Low Maintenance
- Compact Design
- Precise Temperature Control

Learn more at www.pickheaters.com

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