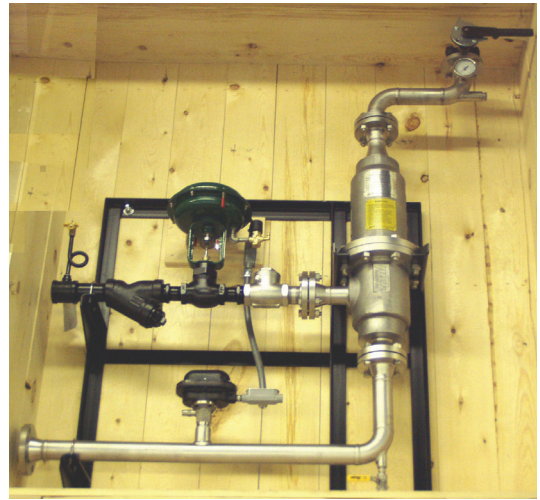




Process Heating Solutions Worldwide

General Industrial Case History



Industrial Laundry Wash Machines

Application

An industrial uniform and apparel rental service was looking to replace a shell-and-tube heat exchanger for supplying hot water to their laundry washing machines. Nearly 40,000 gallons of hot water was required per 16 hour day to keep up with demand. Pick's representative quickly identified the potential energy savings through converting to direct steam injection heating.

Process Conditions

Water Flow Rate:	85-105 GPM
Preheated Water Supply Temperature:	80°F
Discharge Temperature:	155°F
Steam Pressure:	125 PSIG
Water Pressure:	55 PSIG

Solution

A **Pick Model 6X50-3 Constant Flow Heater**, 316 stainless steel flanged construction.

Through Pick's Energy Savings Comparison Program a 16% steam savings was calculated. This substantial energy and cost savings existed even after considering the added cost of treating boiler feed make-up water resulting from condensate no longer being returned to the boiler. A net savings of \$7.91/hr was gained by installing the Pick Heater. The bottom line was a savings of \$33,411.00

Features and Benefits:

- Energy Efficient
- Compact Design
- Quickly Achieves Set Point
- Complete System Supply

Learn more at www.pickheaters.com

Pick Heaters, Inc. — 730 S. Indiana Ave. — West Bend, WI 53095 USA
Phone: (262) 338-1191 — Email: info1@pickheaters.com