Application
Dairy operation wanted to use steam injection for in-line pasteurization of soy milk. The requirement of the heater was two-fold in that hot water, at the same load, was required during sterilization and CIP runs.

Process Conditions
- Liquid Flow Rate: 1,600-2,500 GPH
- Specific Gravity: 1.07-1.09
- Specific Heat: 0.96
- Inlet Temperature: 165°F
- Discharge Temperature: 290°F
- Steam Pressure: 100 PSIG
- Product Pressure: 65 PSIG
- Steam Flow Required: 1,717-2,684 lbs/hr

Solution
Pick Model SC25-3 with 2” connections was selected. Pick Heater scope of supply was limited to steam valve, check valve and heater body to satisfy customer requirements.

Features and Benefits:
- Achieve High Process Temperatures
- In-line Heating Speeds up Production
- Wide Liquid Flow Rate Turn Down
- Exceptional Temperature Control

Learn more at www.pickheaters.com