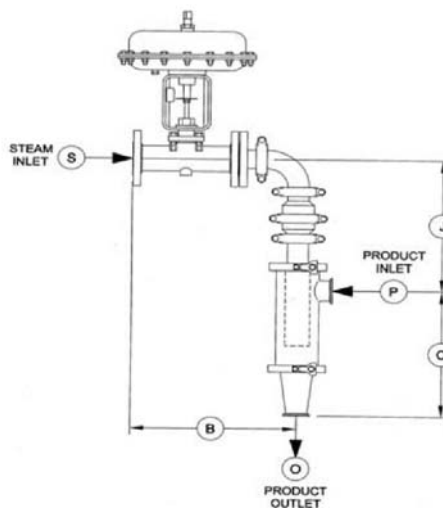




Process Heating Solutions Worldwide

Food Processing Industry Case History



Pasteurization of Soy Milk and CIP

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:	.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

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