



Process Heating Solutions Worldwide

Food Processing Industry Case History



Hose Stations for Sanitation

Application

A large meat packing plant repeatedly ran out of hot water. A 6,000 gallon storage tank served by a gas-fired water heater simply could not meet the peak hot water demand for all 32 hose stations simultaneously.

Plant engineers had two options available to solve the problem: install an even larger storage tank and hot water heater, or find an alternative method of supplying hot water. They chose a Pick Variable Flow Heater.

Process Conditions

Water Flow Rate:	5-160 GPM
Steam Flow Required	6,192 lbs/hr
Inlet Temperature:	50°F
Discharge Temperature:	140°F
Steam Pressure:	100 PSIG
Liquid Pressure:	60-90 PSIG

Solution

Pick Variable Flow Heater Model 6X75. The Pick system delivers an unlimited supply of hot water at the precise temperature regardless of the number of stations in use at any one time. It eliminates the need for a storage tank and delivers hot water instantly. System includes a water pressure regulating valve to stabilize supply water pressure, and it is so compact it can be mounted on a wall saving valuable floor space.

Features and Benefits:

- Safe- No Operator Adjustments at Use Point
- Instantaneous Response to Various Hot Water Demands
- Precise Temperature Control
- No Extra Storage Necessary
- Saves Energy Over Indirect Steam Heating Methods

Learn more at www.pickheaters.com

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