Pet Food Meat Slurry Application

Application
Pet food processing company with numerous locations throughout the United States required a method for heating ground frozen chicken meat slurry. The existing scraped surface heat exchanger yielded inconsistent heating results and required frequent cleaning.

Process Conditions
Ground Meat Slurry (0.6 Specific Heat)
Specific Gravity: 7.5 lb/gallon
Product Flow Rate: 100 GPM
Temperature Rise: 130°F
Steam Supply Pressure: 80 PSIG
Steam Flow Required: 3318 lb/hr

Solution
Pick SC50-1 Sanitary Heater with 4" tri-clamp connections was specified to handle the heavy consistency of the meat slurry. Steam injection provided tight temperature control and a thorough, even heating of the meat slurry. The process was duplicated at five other company facilities.

Features and Benefits:
• Able to Handle Viscous Product
• Quick and Easy to Clean
• Heats Product Thoroughly
• Compact Design

Learn more at www.pickheaters.com
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