



Process Heating Solutions Worldwide

## Food Processing Industry Case History



### 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](http://www.pickheaters.com)

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