

Pet Food Application

Features and Benefits:

- ◆ *Able to Handle Viscous Product*
- ◆ *Quick and Easy to Clean*
- ◆ *Heats Product Thoroughly*
- ◆ *Compact Design*



Food Processing Industry Case History

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
100 GPM Product Flow Rate
130°F Temperature Rise
80 PSIG Steam Supply Pressure
3318 lb/hr Steam Flow Required

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.