



Process Heating Solutions Worldwide

Food Processing Industry Case History



Soybean Mash / Molasses Heating

Application

Our customer needed a Pick Sanitary Heater to heat soybean molasses from soybean mash; thereby decreasing the viscosity and making the soybean molasses easier to pump to nearby holding tanks to be used in the production of animal feed.

Process Conditions

| | |
|----------------------|--------------|
| Product Flow Rate: | 40 - 60 GPM |
| Temperature Rise: | 30 - 50°F |
| Steam Pressure: | 120 PSIG |
| Product Pressure: | 30 PSIG |
| Steam Flow Required: | 1,141 lbs/hr |

Solution

A **Pick SC10-1 Sanitary Heater**, to provide 1,141 lbs/hr of steam flow needed to heat the soybean molasses to a discharge temperature of 180°F.

Features and Benefits:

- **Small floor space needed for location of Pick Heater**
- **Easy disassembly and reassembly for cleaning and maintenance (3A compliant)**
- **Rapidly achieve high process temperature**
- **Non-plugging, low pressure drop design**

Learn more at www.pickheaters.com

Pick Heaters, Inc. — 730 S. Indiana Ave. — West Bend, WI 53095 USA
Phone: (262) 338-1191 — Email: info1@pickheaters.com