

Pick BX Heater Steam Injection Liquid Heating System

Starch Cooking

A Pick Heater provides instantaneous and complete cooking of starch and other miscible slurries. It is proven effective on pearl, modified, and cationic starches with solids concentrations up to 35% and cooking temperatures ranging from 90°C - 150°C.



See system diagram on back

Benefits

The unique design of the Pick BX Heater offers key advantages over other high-velocity venturi devices.

- ◆ Low Pressure Drop - Starch flows through the heater without obstruction. This results in negligible pressure drop when handling high viscosity formulations. Allows for use of plant's lower-pressure steam.
- ◆ Low Noise- Noise generation is significantly lower and pipe vibration virtually eliminated.
- ◆ Non-Shearing - Non-shearing action provides uniform product consistency.
- ◆ Low Velocity Mixing - This provides a "thorough cook" of starch granules yielding a better cooked product.

Starch Cooking System Diagram

