Steam Injection Liquid
Heating System

BX Heater for Starch Cooking

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.

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 90ºC - 150ºC.