



**Process Heating Solutions Worldwide**

## **Pulp & Paper Industry Case History**



### **Backwashing Starch Filters**

#### **Application**

Customer required a hot water supply for backwashing of Ronningen-Petter tubular filters in the starch preparation area. A constant demand for 160°F water was necessary to satisfy the continuous washing cycles for a series of filter elements. Cleanability of the filter system was vital for maintaining efficiency in the starch preparation area.

#### **Process Conditions**

Water Flow Rate:	250 GPM
Temperature Rise:	120°F
Discharge Temperature:	160°F
Steam Flow Required:	1,300 lb/hr

#### **Solution**

**Pick Model 6X150-3 Constant Flow Heater**

Alternative: Pick Variable Flow Heater to handle the wide range of water flow rates and intermittent demand of multiple filter banks.

#### **Features and Benefits:**

- **Instantaneous Supply of Hot Water**
- **Precise Temperature Control**
- **Smooth, Stable Operation**

**Learn more at [www.pickheaters.com](http://www.pickheaters.com)**

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