

# **Process Heating Solutions Worldwide**

## Pre-Packaged Heating System

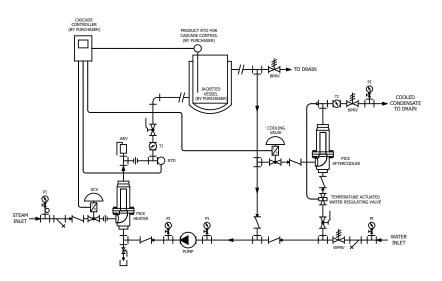
#### **Features and Benefits:**

- Accurate Temperature Control
- Fully Automatic Operation
- Compact Design
- Smooth Transition from Heat to Cool

## Chemical & Pharmaceutical Industry Case History

#### **Application:**

Heat & cool 4,000 gallon Pfaudler® glass lined jacketed vessel. Lubricant type product is heated to 310°F using 316°F water. Exothermic process was maintained at 325°F for 3.5 hours then cooled to 210°F.



### Solution:

Pick Model 6X50-3/12HCAC all 316 SS.

The Pressurized water loop at 80 psig allows 316°F water temperature, permitting a smooth transition from heating to cooling.

Accurate temperature control prevents damage to glass lining (+/- 1/2° accuracy).

Heat/Cool system was packaged complete with After Cooler (Pick mixing chamber) for tempering of discharge cooling water (up to 320°F), blended to 150°F for return to cooling tower.



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