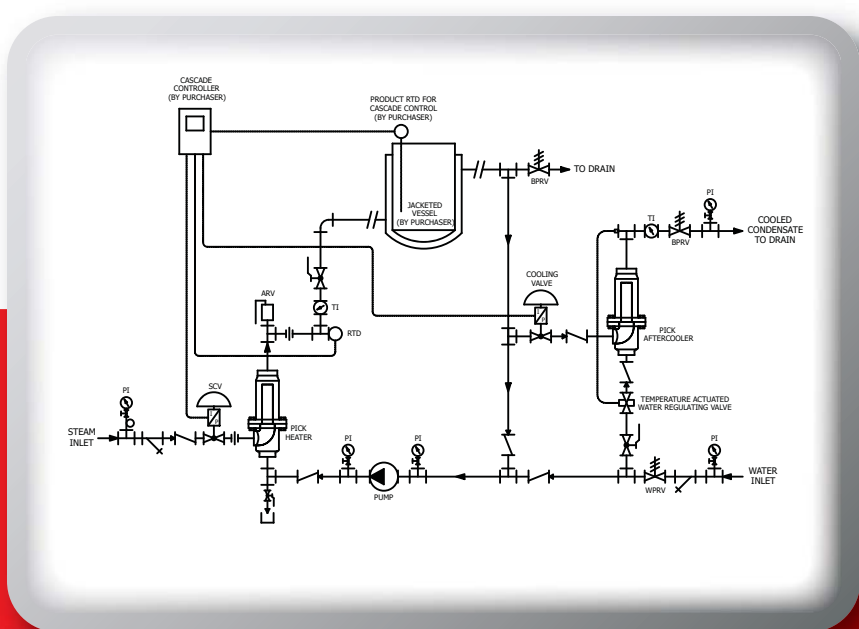




Process Heating Solutions Worldwide

# Chemical & Pharmaceutical Processing Industry Case History



## Pre-Packaged Heating System

### 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.

### Features and Benefits:

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

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

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