

This product is represented in Australia, New Zealand, and PNG by:

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Contact us with any enquiries related to:



Heat Transfer Equipment

- Shell & Tube Heat Exchangers - Standard, Custom, Corrugated Tubes.
- Plate Heat Exchangers - Brazed, Gasketed, Semi-Welded, & Welded.
- Graphite Heat Exchangers.
- Plate & Shell Heat Exchangers.
- Spiral Heat Exchangers.
- Crossflow Welded Heat Exchangers.
- Direct Steam Injection Heaters.
- Air Coolers.



Corrosion Resistant Equipment - Valves, Piping, Vessels & Systems

- Polymer-Lined Valves, Piping, and Pressure Vessels.
- Exotic Metal (Ta, Zr, Ti) Fabricated Piping and Pressure Vessels.
- Glass-Lined Vessels.
- Graphite Equipment and System Packages.



Service Maintenance

- Plate Heat Exchangers - Refurbishment, Gas Testing, UV Crack Testing.
- Graphite Equipment - Installation, Refurbishment, Repairs.
- Glass-Lined Vessels - Spark Testing, Lining Repair.
- Quality Spare Parts, both OEM and Aftermarket.



Process Heating Solutions Worldwide

General Industrial Case History



Pre-Heat Boiler Feed Water

Application

A power plant generates steam for a neighboring paper recycling mill. Condensate could not be returned from the mill. Therefore, the power plant required an instantaneous supply of hot water to keep up with varying demands on the boiler. Space was limited making the use of bulky storage tanks or shell-and-tube heat exchangers impractical. Considerations needed to be made for high-pressure superheated steam supply.

Process Conditions

Water Flow Rate:	400-700 GPM
Temperature Rise:	125°F
Maximum Outlet Temperature:	190°F
Steam Supply Pressure @ 450°F:	273 PSIG
Water Supply Pressure:	100 PSIG

Solution

Pick Model 6X350/17 Variable Flow Heaters:

Three heaters pre-assembled on heavy-duty angle iron frames.

Learn more at www.pickheaters.com

Pick Heaters, Inc. — 730 S. Indiana Ave. — West Bend, WI 53095 USA
Phone: (262) 338-1191 — Email: info1@pickheaters.com

Features and Benefits:

- **Compact Design**
- **Instantaneous Supply of Hot Water**
- **Smooth Operation Under Varying Demands**
- **Energy Efficient**
- **Service After the Sale**