

# MANCHESTER

## HOT WATER SYSTEM

Constant Demand Liquid Heating

Hard water issues, loss of production, plant shutdowns, and damage to your reputation are a few of the many consequences of not having water at critical temperatures exactly when you need it.

If you depend unlimited hot water at precise temperatures and specific flow rates, we have your solution. Not only will you have all the hot water when you need, but our systems are self-cleaning and need far less maintenance and upkeep than any heat exchanger. Our solutions will replace large tanks, spargers or heat exchangers with a much smaller footprint and far greater energy efficiency.

### EZ Heater Skid System

The EZ Skid is an totally integrated, compact, pre-engineered heating system, utilizing the direct steam technology from Hydro-Thermal's patented design. The system works by mixing steam and process liquids completely while delivering consistent temperature and instantaneous heating.



Most of our customers require a fully featured package to maximize safety and uptime functionality. The fully featured skid package offers ultimate flexibility including internal re-circulation, local control, and flow control for fast response to condition changes. However, we do offer alternative options if manual control is preferred or lower price point are desired.

### Benefits

- Hot water on demand
- In-line water heating at precise temperatures
- Customizable solution
- Exceptional energy savings compared to heat exchangers
- Small footprint and wall mountable
- Easy operation\*
- Positive return on investment
- Self-cleaning design

### Good for Application, Such As:

- Tank heating(on/off main application)
- Clean in Place
- Basic on/off heating for point of use\*
- Wherever hot water is needed

All components needed for correct application are included; simply connect to plant utilities: steam, water, air and power.

- Available in 5 standard sizes with ratings to 1,350 GPM [306 m /hr]
- Highly compact to meet space constraints
- Pre-designed and partially stocked for short lead time



For over 40 years, Manchester Group has been a full-service, custom solutions provider to a broad range of industries. Our dynamic company focuses on providing individual systems, components, and complete turn-key solutions.

#### Contact Us:

sales@manchester-group.com  
+1 214 357 3978

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