

EzHeater®

Hot Water Made EZ

hydro 
THERMAL®

EXPECT • EVALUATE • ENGINEER • MAINTAIN

Central Hot Water System

Effective high-capacity heating
Adjustable control to meet plant demands



Hose Stations

Service Multiple stations with variable flow
Washdown and general cleaning



Tank Heating

Rapid temperature rise
Stable trim heating



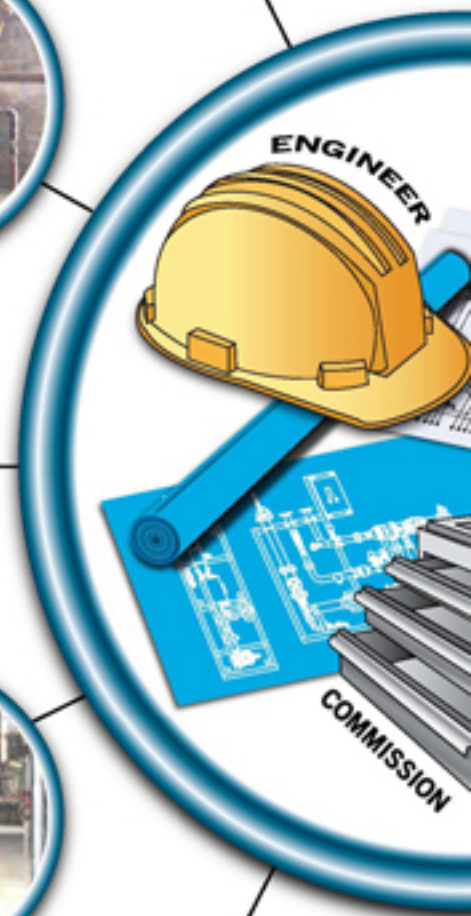
CIP (Clean-in-place)

Compact, small footprint
Reduced cycle time



Point of Use

Provides in-line heating at one or more set-point temperatures
Use with Jacketed Vessels



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On-demand Hot Water
at Precise Temperature



No Energy Loss



Worry-free
Operation



Small Footprint



Positive Return
on Investment



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Is it important to...

Have water at the set-point temperature? *YES*

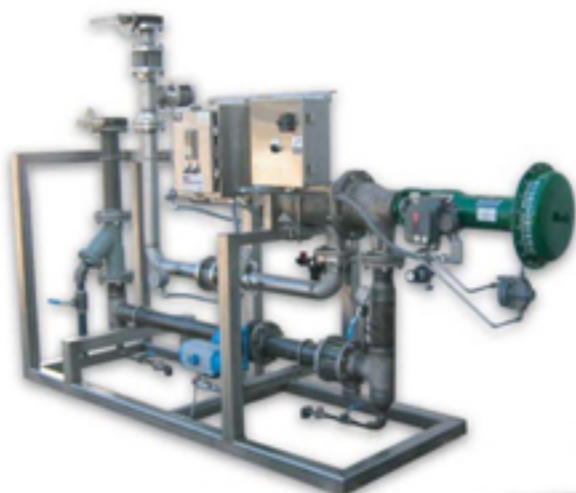
Patented internal parts allow high-accuracy temperature control.

Have enough hot water at peak usage times? *YES*

On-demand direct steam injection produces hot water when it is needed.

Have reliable systems? *YES*

EZ Heater skid save you design and engineering time comprised from top of the line components working as a system.



Eliminate unscheduled maintenance? *YES*

Reduce costly downtime through simple annual preventative maintenance. Patented design eliminates clogging, scaling or fouling.

Save energy and money? *YES*

Direct steam injection uses all the sensible and latent energy of steam. Significant energy savings can be demonstrated.

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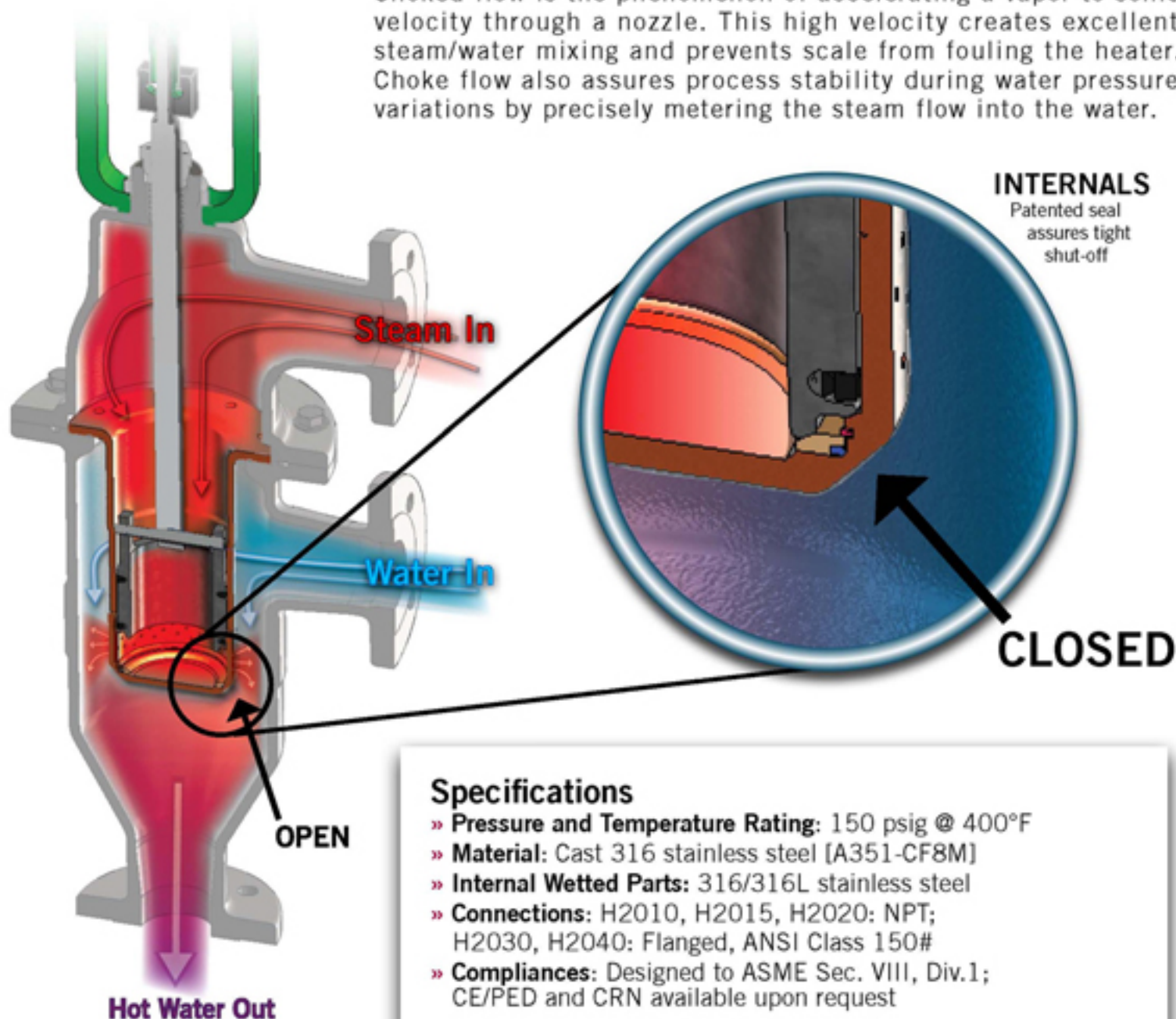
This is why we are the best at what we do:

Internal Modulation

This unique patented design assures precise steam control and produces predictable results based on the position of the stem plug. A variable-area steam nozzle meters steam flow at the point where steam and liquid first contact and mix. This technique eliminates the need for an external steam control valve.

Choked Flow

Choked flow is the phenomenon of accelerating a vapor to sonic velocity through a nozzle. This high velocity creates excellent steam/water mixing and prevents scale from fouling the heater. Choke flow also assures process stability during water pressure variations by precisely metering the steam flow into the water.



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Total Solutions Provider

- » Skidded systems with all piping, engineered components and controls completely assembled and ready to install. Simply, plumb into water and steam, connect to plant wiring and start-up!
- » Our talented staff of engineers include Project Engineers (PEs) and Certified Steam System Specialists who will review your application and recommend the best system for you.
- » We fabricate to accepted code standards (ASME B31.1) for a quality, recognized product.
- » Control specialists ensure straightforward system integration so you're up and running quickly and easily.

SMART Services

Choose the level of service you need to make your SMART ENERGY investment™ work for you.

We guarantee the EZ Heater System will work for the process conditions which it is designed. We engage in the project from design to commission and beyond.

- » Design Services
- » Pre-install inspection services
- » Commission oversight (start-up) services
- » Performance and operation support
 - » Maintenance
 - » Heater rebuilds
 - » Spare parts and kits
 - » Local manufacturer's representative network for faster response

We will be your SMART ENERGY investment™.

100% Performance Warranty

If, at any time and for any reason, a Hydroheater should fail to perform as designed,* and Hydro-Thermal is given adequate opportunity to provide a remedy, Hydro-Thermal will, after receipt of the unsatisfactory unit, reimburse 100 percent of the original purchase price.

*Proper replacement of wear parts required



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THERMAL®

Hydro-Thermal Corporation

400 Pilot Court Waukesha, WI 53188 USA

(262)548-8900 fax (262)548-8908 toll-free (800)952-0121

info@hydro-thermal.com www.hydro-thermal.com

your
SMART
ENERGY
Investment



Unique Steam
System