

Utility & Process Water Heating

EzHeater®
SAVE ENERGY • CUT COSTS

Hot Water with EZ Heater

Direct Steam Injection (DSI) heating is 100% energy efficient. It is the most economical and hassle-free heating method for all hot water needs. For pasteurization, sanitary wash-down, or anywhere hot water is needed, DSI is the optimal choice for water heating applications.

General Industry Segments

- Beverage
- Cement
- Chemical
- Dairy
- Ethanol
- Energy
- Food
- Heavy Metals
- Laundry
- Meat
- Mining
- Pulp & Paper

Applications

- **Hose Stations**
 Replace multiple steam/water mixing tee stations with one EZ Heater® to eliminate maintenance and down-time due to scaling and fouling.
- **Sanitizing Stations**
 Instantaneous hot water while maintaining accurate water temperatures. Applications range from CIP, COP, wash-down and proper sanitizing of processing stations and equipment.
- **Jacketed Kettles and Cooking Pots**
 Greatly reduce cycle time by preheating potable water. Maintain batch consistency by providing instantaneous hot water at exact temperatures.
- **Supplemental Hot Water Heating**
 Instant and unlimited hot water on-demand. Accurate temperature control and patented self-cleaning design makes the EZ Heater the ideal solution to provide additional hot water at various flow rates, when and where it's needed.

- Exceptional energy savings over heat exchangers and spargers
- Precise temperature control
- Instantaneous hot water from 2 to 600 gallons per minute
- Temperature rise to 250°F
- Heavy duty 316 stainless
- Patented self-cleaning design
- Exceptional turn-down ratio
- Internal modulation for quiet, hammer-free operation
- Save space and maintenance time



hydro
THERMAL®
 WE BRING THE HEAT.

EZ Heater Applications

EZ Heater® is used in-line to instantaneously heat water to precise temperatures in a wide range of process and utility heating applications - anywhere hot water is required!

Utility Heating Applications

- **Chemical** - Jacketed tanks and reactors, tanker and rail car washout
- **Meat and Poultry** - Plant washdown, tank filling, utensil sanitation stations, defrosting freezers, CIP and COP, equipment sanitation
- **Food** - Plant washdown, sanitation stations, jacketed tanks and vessels, tank cleaning, CIP and COP
- **Beverage** - Plant washdown, bottle washing and warming, tank cleaning, CIP
- **Seafood** - Cleaning stations, tank cleaning, CIP and COP
- **Power Plant** - Slaking
- **Pulp & Paper** - Log deicing, debarking stations, felt washing, chlorate unloading, pulp stock dilution headbox showers, mud filter washing, wire showers
- **Industrial Laundry** - Tunnel washing for rugs, uniform, towels
- **Cement** - Aggregate warming
- **Canning** - Can warming, plant washdown
- **Textiles** - Wash box stations, fabric pre-wash
- **Metals** - Continuous annealing line washdown

Process Heating Applications

- **Canning and Packaging** - Can topping, retort packaging, blanching, pouch cooking, hot water dilution, vegetable softening, soup stock dilution.
- **Cereal, Snack and Convenience Food Processing** - Sugar dilution, flavor coating
- **Pet Food Processing** - Extruders, retort packaging
- **Meat Processing** - Carcass washout and washdown
- **Poultry Processing** - Scalding stations, de-feathering stations, carcass washdown, "paw" picking stations
- **Seafood Processing** - Boiling pots



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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About Hydro-Thermal Corporation

The leader in DSI for over 75 years, Hydro-Thermal has a strong legacy in process and utility heating applications with Hydroheater® units in plants worldwide. Let Hydro-Thermal apply this expertise to your water heating requirements.