

EZ Heater

Recommended Preventative Maintenance

By incorporating a recommended maintenance schedule for your EZ Heater, processing and performance issues will be a thing of the past, helping ensure peak output results.

EZ Heaters need little maintenance compared to other industrial heating systems; however, proper maintenance and adjustment of their parts will extend the life of the heater, improve process efficiency and ensure your EZ Heater® performs to your precise heating needs. We have specialized field technicians, machinists, engineers and training personnel to help you operate and maintain your steam heating systems. Our maintenance plans offer predictable spending at competitive prices.

Weekly

1. Examine EZ Heater for any leaks of steam or water

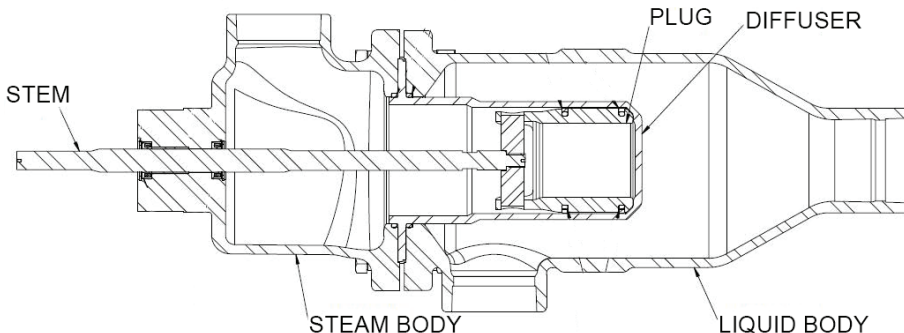
Monthly

1. Ensure all external nuts and bolts are tight. Refer to the EZ Heater operations and maintenance manual for specific torque requirements.
2. Verify the temperature control loop is working properly
3. Look for indirect signs of wear (such as failure to shutoff).

Yearly

Order repair and seal kits several weeks in advance of your annual maintenance shutdown to assure on-time delivery of items.

1. Disassemble heater and check parts for wear
2. Clean scale from stem plug and diffuser with emphasis on cleaning O-ring grooves
3. Examine stem for unusual scale buildup
4. Replace all seals
5. Replace stem packing



Foreign objects may flow through the heater, which can cause damage and render the heater inefficient. By disassembling the heater, it will show hidden damage that hinders operation. If process parameters change (such as greater flow rates), then heater internals may need to change as well.

Preventative Maintenance

These suggestions help owners of our highly engineered steam injection systems keep them performing at 'like new' levels and provide a predictable maintenance schedule/service agreement and budget.

Basic

Properly maintain your EZ Heater:

1. Operation and maintenance training at start-up
2. Annually purchase recommended parts and seal kits
3. Keep the full written maintenance instructions
4. Purchase full maintenance kit every third year

Intermediate

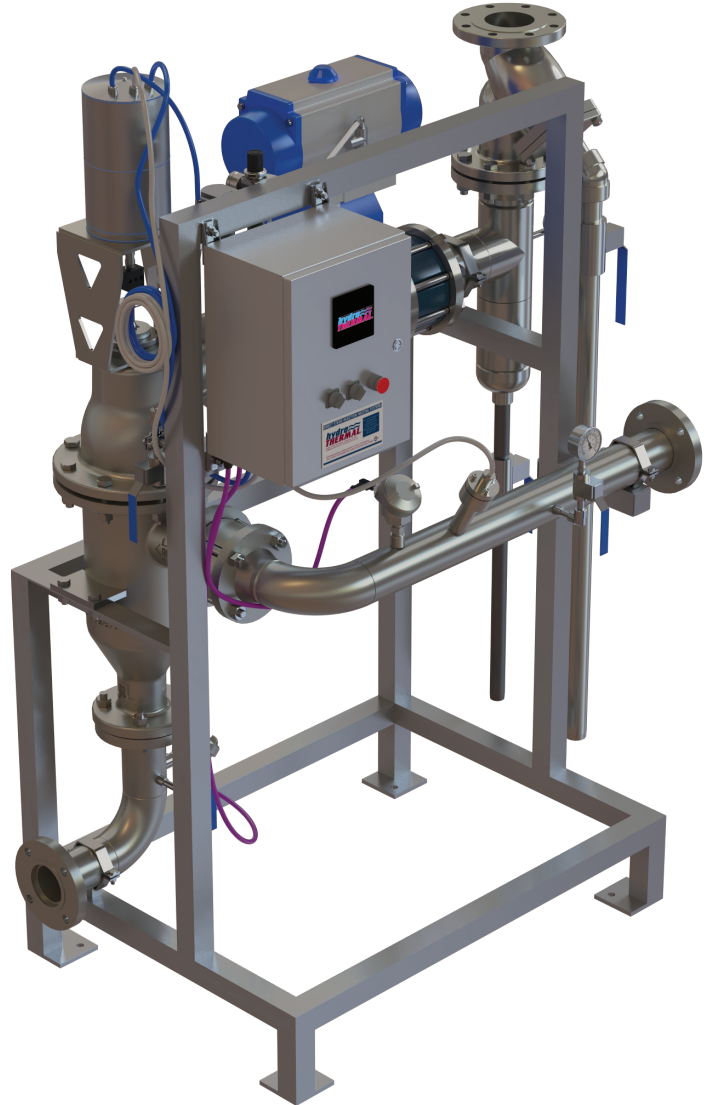
Best to prevent unscheduled stoppages and related costs:

1. Operation and maintenance training at start-up
2. Yearly on-site maintenance technician visits and service (also offer in-house authorized rebuilds)
3. Annually purchase recommended parts and seal kits
4. Schedule a maintenance visit six months after yearly maintenance to fine tune the heater

Advanced

If your EZ Heater is in a mission critical application, consider this:

1. Operation and maintenance training at your facility at start-up
2. Keep a spare heater in your inventory
3. Schedule yearly on-site visits to fine tune the heater set points
4. Consider rebuilding your unit using our refurbishment program. A one-year renewed performance warranty will be issued once rebuilt.



Customers can find help by contacting our help desk at (800) 952-0121 or info@hydro-thermal.com. Download your specified EZ Heater installation, operations and maintenance manuals from our on-line Knowledge Center.

Note: Level 2 access is required to download the manuals.

Note: Each EZ Heater is custom engineered; if new internals are needed, allow for manufacturing lead time.

Need more information about Hydro-Thermal products?

Go to www.hydro-thermal.com or contact us at info@hydro-thermal.com

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