

DIRECT CONTACT WATER HEATER

Available with Uptime®

PRODUCT APPLICATIONS

- Cleaning and sanitizing equipment
- Providing hot water for washing
- Heating water for dyeing and treatment processes
- Sanitizing and cleaning tanks and containers
- Meeting hot water needs for large facilities
- Scalding
- Batching chemicals
- Boilerless Facilities

PRODUCT OVERVIEW

Direct Contact Water Heaters outperform boilers in many applications, delivering faster heating, superior energy efficiency, and real cost savings. Compared to heating water with a boiler, a DCWH is much more efficient and does not require soft water. Our DC water heaters produce 180°F water up to 800 GPM instantly with 95%+ energy efficiency. That means food processors, ready-mix concrete suppliers, and many other industries can make significant reductions in their energy use, fuel costs, and carbon emissions. Let us meet your specific application needs with a custom DC water heater that redefines water heating performance and integrates seamlessly into your facility's operations.

PRODUCT FEATURES

Capacity: up to 800 gpm

- Corrosion-resistant stainless steel welded to ASME standards
- Advanced controls & monitoring
- Safety control stack temperature heat sensor
- Hot water tank level & temperature probes
- Burner on VFD

Available Options:

- Low-NOx burner
- Heater with transfer pump (VFD) next to hot water tank
- Hot water tank
- Delivery pump package (VFD)
- Propane compatibility



For more information visit our website: ellisludell.com

INDUSTRIES

- Food Processing
- Bottling Plants/Canneries
- Ready-Mix Concrete
- Pet Food Production
- Hotels
- Laundries
- Tanneries
- Textile Plants
- Power Generation
- Oil & Gas



BENEFITS WITH AN ELLISLUDELL DIRECT CONTACT WATER HEATER

Enhanced Safety

Operates at atmospheric pressure, minimizing safety risks, and meets strict regulatory standards.

Rapid Heat Recovery and On-Demand Hot Water

Provides on-demand hot water with rapid heat recovery, ensuring a continuous supply for immediate use.

Low Maintenance

Fewer moving parts reduce the need for repairs, resulting in lower maintenance costs and a longer lifespan.

High Energy Efficiency

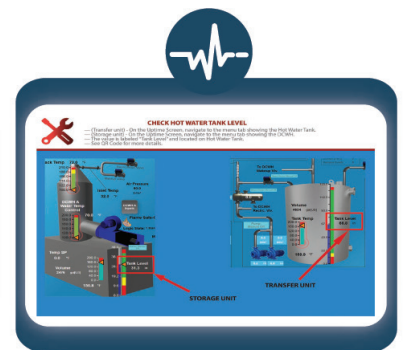
Achieves up to 99% efficiency by transferring nearly all combustion heat directly into the water reducing energy costs and enhancing operational sustainability.



More Than Data, Diagnostics & Alerts

Uptime® goes beyond diagnostics. Uptime provides pinpoint location of problems and on-demand step-by-step video support for quick fixes right on the production floor.

- **Maintenance Video Library:** Scanning QR codes provides step-by-step video tutorials for maintenance, enabling quick access to troubleshooting and repair guidance on the production floor.
- **Bridging the Knowledge Gap:** Captures and preserves essential knowledge through standardized training and on-demand resources, addressing workforce challenges like retiring employees and skill transfer.
- **Real-Time Monitoring and Alerts:** Enables continuous oversight of equipment performance, minimizing unexpected downtime.
- **Preventative Maintenance:** Supports proactive machine health assessments to prevent issues before they occur, extending equipment lifespan.



- **Remote Accessibility:** With client authorization, Ellis or Ludell securely analyzes and troubleshoots systems remotely, ensuring efficient support from any location.
- **Automated Data Collection, Insights and Reporting:** Collects and analyzes operational data to optimize machine efficiency while facilitating the transfer and analysis of key metrics, such as water and energy usage, to support informed decision-making and conservation efforts.

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