

COMMERCIAL PROCESS & SPORADIC WATER HEATERS

Keltech commercial process water heaters are custom built to meet your specs. Designed to exacting specifications and tested to ensure precise temperature delivery and specific flow rates, Keltech tankless water heating solutions perform reliably even in the most exacting environments.

The L and HL series models perform on-demand and can accomplish most commercial fluid heating applications that require water flow from .15 to 6 gallons per minute. Whether you need sporadic hot water for parts washing, for use in laboratories or research and development facilities, in the food industry, or for de-ionized water, Keltech can custom build an energy efficient commercial process heater that provides precise temperature control at the flow rate you need.

Keltech commercial water heating solutions range in size and capacity from 5 kilowatts to 25 kilowatts. Powered to operate at single phase and 3 phase options, Keltech commercial tankless water heating solutions include 208, 240, 277 or 480 volt units at various amperages.

Precision engineered for optimal performance, Keltech commercial water heating solutions are built to last and feature quality control systems and premium materials like copper and brass to meet your demanding specs and increase the life of the heater.

KELTECH COMMERCIAL WATER HEATING SOLUTIONS HAVE BEEN USED FOR:

- Commercial washing processes
- Scientific laboratories
- Chemical heating
- Commercial fluid heating
- Radiant heating
- Hot water for heat exchangers
- Hot water for utility use
- Booster heating
- De-ionized (pure) water heating

THE KELTECH COMMERCIAL PROCESS HEATERS ARE:

- *Compact* – our heaters do not require large floor space and can be wall mounted
- *Easy to Install* – Just add water and power. All you need is access to one electrical connection and a cold water line
- *Safe* – includes redundant control and safety features
- *Wired to 480 Delta* – does not require a neutral
- *Built to Last* – all Keltech tankless water heating solutions feature rugged industrial components
- *Energy Efficient* – perform on-demand requiring power and water only when needed
- *Easy to Maintain* – our commercial process heaters require minimal maintenance

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COMMERCIAL PROCESS & SPORADIC WATER HEATERS *(continued)*

KELTECH TANKLESS WATER HEATING ADVANTAGES FOR COMMERCIAL APPLICATIONS:

Keltech's Tankless Process Heaters Typically Have These Advantages Over Boilers:

Energy Savings

Unlike boilers, Keltech's heaters are tankless and heat water only when it's needed. There's no wasted energy. The energy savings often produces a return on investment within a few months.

Unlimited Volume

Unlike hot water tank storage systems, Keltech's tankless heaters provide continuous capacity. The flow of hot water can be unlimited.

Low Flow Activation

With a Keltech tankless water heating solution, you don't need a high-pressure feed line to ensure an adequate flow of water. Our minimum commercial activation flow rate can be as low as .15 GPM and still provide adequate flow of water to multiple sinks.

Flow Modulation to Meet the Demand

Keltech tankless water heating solutions can be spec'd to meet the maximum demand for any application. Our commercial tankless water heaters modulate power to meet the right temperature for the flow requirements without using excess energy. Tanks do not have the ability to accurately control water temperature or energy usage. The added tankless benefit is maximum energy efficiency. With a Keltech tankless solution, there is no wasted water or unnecessary heating.

Safe Lavatory Temperature Settings

Because Keltech tankless water heating solutions can provide precise temperature control, you can pre-set lavatory temperatures to a comfortable 95° F. That also provides an additional set of benefits. You won't need to run dual hot and cold water lines. With a Keltech tankless solution, just one water line is needed when you want to precisely control the temperature. You will also save money on materials: You'll need less PVC or copper piping.

De-ionized Water Solutions and Corrosive Fluid Protection Systems

Keltech has developed unique and exclusive protection systems that meet the requirements for ultra pure water. Keltech's Corrosive Fluid Protection Systems are A-rated for de-ionized water, chlorides, saltwater solutions, reverse osmosis water, caustic alkalis and many other applications. All HL series commercial process heaters are available with an optional Teflon® like fluorocarbon protective coating on internal passageways.

KELTECH TANKLESS WATER HEATING FEATURES:

Precise Temperature Control

Keltech's tankless water heaters provide precise temperature control (+/- 1° F or .56° C) from 40° to 160° F for commercial fluid process heating applications. We also have a higher temperature option that can heat fluids up to 190° F.

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COMMERCIAL PROCESS & SPORADIC WATER HEATERS *(continued)*

Smaller Size Is Perfect for Compact Spaces

Storage tanks consume space and waste energy. Keltech heaters are tankless making our commercial water heater solutions perfect for facilities where space is limited. For example, Keltech's wall mountable units can be placed in compact spaces where conventional heaters with comparable output are too large to fit.

Modular Design Is Perfect for Growing Facilities

Keltech's light industrial tankless water heater's modular design makes it the perfect choice for facilities that are expanding. When multiple units are plumbed in a series, they can be set up to control the temperature of water flowing through them as though they were a single unit.

Redundant Safety Features

Safety is paramount. We have engineered redundant safety features into all Keltech heaters to protect people and your investment in your Keltech tankless fluid heating solution.

NEMA 1 Enclosures Are Standard on Most Commercial Units

The HL 25kW is NEMA 12 standard. Other options include NEMA 4 and NEMA 4X for more demanding environments.

Reliable Performance and Minimal Maintenance

Keltech tankless fluid heaters are built to last. We design and manufacture each custom built heater using rugged industrial strength components made of high quality copper and brass construction to extend the life of the heat exchanger. We pressure test each unit at 300 PSI to meet your exacting requirements and the demands of any environment. And, we are committed to specing quality components like Incoloy 800 sheathed heating elements to lengthen the useful life of the element.