

# HOT WATER MANAGEMENT



**Keltech® Electric Tankless Water Heaters | Navigator® Thermostatic Mixing Valves**

Tempering Solutions from Bradley are the industry's most durable, reliable products for water heating, process heating and tepid emergency safety applications.

Commercial Washrooms. Industrial Solutions. Brought to Life.



## Case Study

McCormick Place,  
Chicago, IL

### Largest Convention Center in the USA needed portable hot water solution for handwashing stations

Bradley Corp. designed a customized Keltech Portable unit that can be wheeled out on the show floors, as needed, to supply heated water on-demand to exhibitors.

"Keltech's flexible hot water solution is the perfect remedy for this situation, since water is needed only for certain shows," said Frank Paulette, convention manager for utilities, Correct Mechanical Inc. "Installing hot water heaters throughout the facilities, whether water is needed or not, would have added tremendous expense."

## Installations

### HOT WATER MANAGEMENT

E&J Gallo Winery, Livingston CA  
Tank Washing, Washdown

Dow Chemical, Midland MI  
Process Heating

Coors Brewery, Golden CO  
Process Heating

Portland Intl Airport, Portland WA  
Handwashing, Food Process Heating

S. California Edison, Southern CA  
Keltech & Navigator  
Bathing, Showers, Handwashing

LSU Mascot Kennel, Baton Rouge LA  
Radiant Heating

Perrin Brewery, Grand Rapids MI  
Washdown

### TEPID SAFETY

Southern Company, Birmingham AL

Dallas-Fort Worth Airport, Dallas TX

Iowa Fertilizer Co., Wever IA

Wolf Hollow Power Plant, Granbury TX

Public Utility Commission, San Mateo CA

McEwen Mining, Eureka NV

## Keltech® Electric Tankless Heaters

Provide superior, long-lasting and reliable performance **on-demand** for an extensive range of applications.

### COMMERCIAL HEATERS: HL SERIES

Designed to accommodate most commercial fluid heating applications where lower activation flows are required.

### LIGHT INDUSTRIAL HEATERS: C1N & C2N SERIES

The C1N & C2N Series are designed to accommodate light industrial fluid heating applications. **Portable cart options available.**

### HEAVY INDUSTRIAL HEATERS: CNA SERIES

CNA Series heaters are designed specifically for heavy industrial fluid applications and provide an unlimited supply of hot water/fluid to meet the needs of your heavy industrial application. **Portable cart options available.**

### EMERGENCY EYEWASH HEATERS: CLE SERIES

### EMERGENCY SAFETY SHOWERS: SNA SERIES

**Designed to meet ANSI Z358.1 standards**, these heaters provide an unlimited supply of tepid water. **SNA Series** safety shower heaters feature three-tier anti-scald protection and hot water purge. **CLE Series** heaters are used in emergency eyewash applications.

### SKID SYSTEMS

A complete fluid heating system mounted on a steel skid with forklift slots for easy portability. These skids come pre-piped and assembled. Models available for emergency safety and process heating applications.



For technical information, installation documents

# Navigator® Thermostatic Mixing Valves

Provide superior, long-lasting and reliable performance for an extensive range of applications.

## HIGH-LOW VALVES, HIGH CAPACITY SYSTEMS, RECIRCULATION SYSTEMS

A high-low valve is best used when there is a fluctuation in usage, such as high and low flow requirements. These units are normally installed near the water source in the mechanical room.



## STANDARD VALVES

A standard valve is best used when there is a constant flow of water needed/required. These units are normally installed near the water source in the mechanical room.

## EMERGENCY VALVES

**Meet ANSI Z358.1 requirements** for emergency eyewash and drench showers to deliver tepid water for 15 minutes. An emergency valve is used exclusively on emergency eyewash and drench shower applications to provide tepid water. Safety features include anti-scald protection and fixed cold water bypass ports to ensure cold water will keep flowing at all times even if the hot water fails.

## POINT-OF-USE VALVES

A point-of-use valve is attached directly to a shower or lavatory to control water temperature and provide anti-scald protection. These units are normally installed at the fixture.

## SKID SYSTEMS

A complete tepid water system Includes emergency valve, hot water storage tank with immersion heater, expansion tank, and electrical control panel installed on a stainless steel skid with forklift slots for easy portability.



## Case Study

NovaCare Complex,  
Philadelphia, PA

### NFL Training Facility Reduces Maintenance with Navigator® Thermostatic Mixing Valve

A two-valve system was replaced with a Bradley HL-200 high-low Navigator TMV, that could accommodate a higher capacity, delivering 5 – 200 gallons (757 liters) of water per minute and accurately maintained a preset temperature during periods when no water was being drawn from the system.

“Installing the single unit was fast and the valve hasn’t required any maintenance since being installed — we’re extremely impressed,” noted Ray Murphy, the plumbing foreman.

## Installations

### HOT WATER MANAGEMENT

Rose Bowl, Pasadena CA  
Showers, Handwashing

Apple Campus, Mountain View CA  
Handwashing

Long Beach Mem. Hospital, Long Beach CA  
Bathing, Handwashing

Navy Seal Training Center, Coronado CA  
Bathing, Showers

Kaiser Permanente Medical Ctr, Fontana CA  
Bathing, Handwashing

S. California Edison, Southern CA  
Navigator & Keltech  
Bathing, Showers, Handwashing

Loma Linda Hospital, Loma Linda CA  
Bathing, Handwashing

### TEPID SAFETY

Chobani Foods, Twin Falls, ID

Dow Chemical, Midland MI

IMTT Quebec – Quebec City PQ

























Cargill – Blair NE

Costco Poultry Plant – Fremont NE

Navy Seal Training Center, Coronado CA



The table below shows mixing valves or tankless heaters frequently recommended for use in the common applications listed. **Consult your Bradley Rep** for help sizing and selecting the best product for your application.

Application	Keltech Electric Tankless Water Heater	Navigator Thermostatic Mixing Valve
 Safety Eyewash	 <b>CLE Series</b> Tankless Water Heater	 <b>S19-2000</b> Emergency Thermostatic Mixing Valve
 Safety Shower	 <b>SNA Series</b> Tankless Water Heater	 <b>S19-2250</b> Emergency Thermostatic Mixing Valve
 Handwashing	 <b>HL Series</b> Tankless Water Heater	 <b>S59-4000A</b> Point-of-Use Thermostatic Mixing Valve
 High/Low Use	 <b>Portable CNA</b> Tankless Water Heater	 <b>S59-3080</b> High-Low Thermostatic Mixing Valve
 Manufacturing	 <b>C2N Series</b> Tankless Water Heater	 <b>S59-2045</b> Standard Thermostatic Mixing Valve
 Commercial Kitchens	 <b>C1N Series</b> Tankless Water Heater	 <b>S59-2025</b> Standard Thermostatic Mixing Valve
 Portable Safety Shower	 <b>S19-361</b> Tepid Tankless Water Heater Skid System	 <b>NTS2</b> Tepid Water Skid System
 Complete Building Systems	 <b>C2N Series</b> Tankless Water Heater	 <b>NRS-20</b> Recirculation System

For technical information & documents, visit [bradleycorp.com](http://bradleycorp.com)



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