

# Heavy Duty Immersion

## Commercial Electric Water Heater



Designed for use as a recovery water heater having its own storage tank or booster for supplying sanitizing rinse water for dish washing.

- Models available 50, 80, and 119 gallon capacity
- 208, 240 and 480V single-phase and three phase delta. Convertible from three-phase to single-phase (in field) and vice versa (except 208/54 kW). 277V single-phase also available
- Power Circuit Fusing Protects elements and contractors from short circuits, overloading or line surges
- Advanced Electronic Controls use plain English text and animated icons display detailed operational and diagnostic information
- Immersion style thermostats
- Two anode rods for maximum corrosion protection

**American Water Heaters is a leading manufacturer of residential and commercial water heaters.**



# OTHER FEATURES

## ADVANCED ELECTRONIC CONTROL

- Plain English text and animated icons display detailed operational and diagnostic information. Fault or Alert messages appear if an operational issue occurs.
- Immersion temperature control adjustable through a range of 90°F to 190°F.

## BMS

- BACnet and Modbus compatible using optional BMS Gateway module. Call 888-928-3702 for information

## ECONOMY MODE OPERATION

- Control system automatically lowers the Operating Set Point by a programmed value during user-defined time periods. Helps reduce operating costs during unoccupied or off - peak demand periods.

## LINEAR SEQUENCING

- Banks of heating elements (3 elements per bank) are energized according to adjustable (1 to 20°F) differential set points for each bank. First bank on is the last bank off. Helps reduce current surge and provides accurate water temperature control.

## HEAVY-DUTY INCOLOY ELEMENTS

- Provides excellent protection against oxidation and scaling

## POWER CIRCUIT FUSING

- Protects elements and contactors from short circuits, overloading or line surges. Meets National Electric Code requirements (fusing required when current draw

exceeds 48 amps).

## TERMINAL BLOCK

- Factory installed. Allows for easy service connection to block.

## MAGNETIC CONTACTORS

- Heavy duty; UL rated 100,000 cycles

## OTHER STANDARD FEATURES

- Simplified circuitry, color coded for ease of service
- Hinged control compartment door for quick, easy access
- Cabinet has bonderized undercoat with baked enamel finish
- Top outlet, side inlet and relief valve openings
- Brass nipples and drain valve
- CSA certified and ASME rated T&P relief valve.

## COMPLIANCE

- Meets the standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES90.1

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**3-YEAR LIMITED TANK / 1-YEAR  
LIMITED PARTS WARRANTY / 5-year  
limited tank warranty optional**

For complete information, consult written warranty or go to [americanwaterheater.com](http://americanwaterheater.com)  
Scan the QR code to visit our website.

