



COMMERCIAL-GRADE
RESIDENTIAL ELECTRIC WATER HEATERS

PROLINE® MASTER SMART ELECTRIC GRID-CAPABLE WATER HEATERS

Get smarter hot water from A. O. Smith Heaters. Our ProLine® Master Smart electric water heaters feature iCOMM™ Wi-Fi technology for greater control and include both leak detection and leak protection to provide homeowners with peace of mind. The CTA-2045 port allows for connection to Utility Smart Grid Programs.

ELECTRONIC CONTROLS WITH WIFI CONNECTIVITY

- Standard and vacation operating modes
- Seven-segment display
- Diagnostic feedback
- Element "Dry-Fire" protection

REMOTE CONTROL THROUGH THE A. O. SMITH APP

- Change water temperature and operating mode remotely
- Schedule hot water demand for optimized performance

LEAK DETECTION SENSOR

- Sounds an audible alarm when water is detected

AUTOMATIC SHUT-OFF VALVE

- Closes valve on incoming cold water inlet when leak is detected

ENHANCED HEATING ELEMENTS

- Dual 5500 watt elements for the fastest recovery and reliable operation
- Stainless steel elements last longer than standard copper elements

HIGH ENERGY FACTORS

- Eco-friendly non-CFC foam insulation, heat traps and other features combine to yield a high Energy Factor that maximizes savings on operating costs

SELF CLEANING DIP TUBE

- Helps reduce lime and sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer

COREGARD™ ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods

BLUE DIAMOND® GLASS COATING

- Provides superior corrosion resistance compared to industry standard glass lining

ENHANCED-FLOW BRASS DRAIN VALVE

- Our residential water heaters have a solid brass, tamper resistant, enhanced-flow, ball type, drain valve
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance
- Designed for easy operation, this valve includes an integral screwdriver slot that features a ¼ turn (open/close) radius, which not only permits full straight-through water flow but also a quick and positive shut off

CODE COMPLIANCE

- Meets UBC, CEC and HUD National Codes
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended
- Meets state of Washington and Oregon requirements (CTA-2045*EcoPort^{CM} communication port)

CERTIFIED TO UL 174 FOR HOUSEHOLD ELECTRIC WATER HEATERS

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

DESIGN-LISTED BY UNDERWRITERS LABORATORIES

- Certified at 300 psi test pressure and 150 psi working pressure
- Listed according to UL 174 standards governing storage tank-type electric water heaters

8-YEAR LIMITED TANK AND PARTS WARRANTY

- 4 year warranty extension available
- For complete information, consult written warranty or go to hotwater.com

*Meets CTA-2045-B Level 2 without real-time price streaming





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Model Number	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	Recovery @ 90 °F Rise Gallon Per Hour	Element Wattage 240V		Dimensions in Inches			Approx. Shipping Weight (lbs)
						Standard	Maximum	A	B	C	
Tall Models											
HETFA-40	40	36	63	0.93	25	5500	5500	60-1/4	53-1/4	20	106
HETFA-50	50	45	74	0.92	25	5500	5500	59	51-1/4	20-1/2	109
HETFA-55	55	55	75	0.94	25	5500	5500	56-1/2	48-1/2	24	145
Short Models											
HESFA-40	40	37	64	0.92	25	5500	5500	49-3/4	40-3/4	20-1/2	95
HESFA-50	50	46	67	0.92	25	5500	5500	49-1/4	40-1/4	23	117

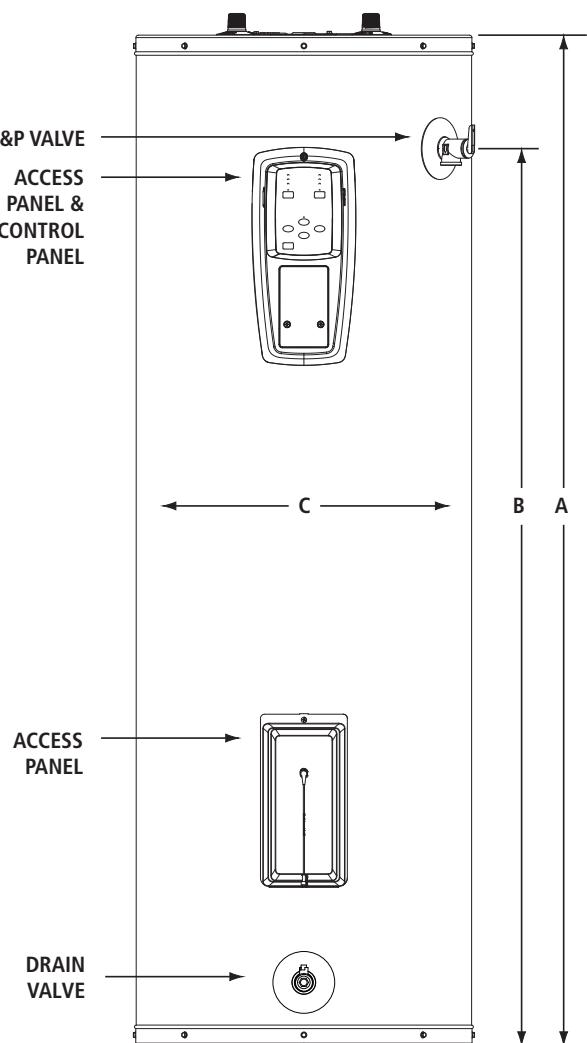
3/4" water connections on 8" center.

Only available for 240V or 208V applications. 208 volt only available with 4,500 watt elements.

Equipped as dual element only, no single element configurations available.

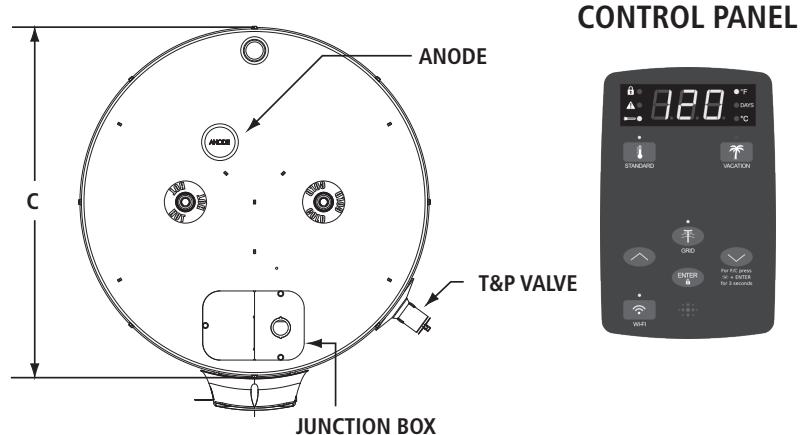
Minimum wattage available is 4,500 watt elements.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



iCOMM™ SMART CONNECTIVITY

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