Interestingly enough, our latest breakthrough is designed to prevent breakthroughs.

Ultimate Protection

BLUE DIAMOND GLASS COATING

A.O. Smith
Water Heaters
Another innovative hot water solution from A.O. Smith

Abundant hot water is essential to modern lifestyles, but water at high temperatures is tough on the tank and internal components of a water heater. Effective protection against the corrosive effects of hot water is essential in prolonging the life of a water heater tank.

In 1936, A.O. Smith Water Products Company was the first to patent a process for producing a “glass lined” water heater tank...one of many A.O. Smith firsts in water heating technology. Now, we have raised the bar again, with Blue Diamond protective coating.
Patented Blue Diamond™ ... Ultimate Protection

At the heart of almost every water heater is a steel tank. A porcelain “glass lining” protects the tank against the corrosive effects of hot water. Our breakthrough Blue Diamond formula is enriched with a higher level of zircon, producing a lining that is harder and more water-resistant than any other in the industry.

The superior water resistance of Blue Diamond has been demonstrated in accelerated tests against glass lining samples taken from competitive water heaters.

These tests determined water resistance by measuring the rate at which each glass lining sample dissolved over the 20-week test cycle. The results (expressed in milligrams [mg] of weight loss per square inch of lining surface) are an indicator of how the glass lining will stand up to constant exposure to hot water. The lowest mg/sq. in. loss shows that Blue Diamond outlasts them all!
Conservationist

The Conservationist is our top-of-the-line model that includes all of A.O. Smith’s leading innovations. For consumers looking for maximum energy savings and excellent output, the Conservationist is the model of choice.

GAS

- Our most energy-efficient gas models – 2"-thick CFC-free foam insulation, inlet/outlet heat traps, advanced combustion chamber design deliver highest .60 gas energy factors
- DynaClean™ II automatic sediment-cleaning system - creates turbulence in tank for maximum protection against lime and sediment buildup
- Steel tank with patented Blue Diamond™ glass coating, plus our best CoreGard™ anode rod for unsurpassed protection against corrosion
- 40,000 BTU input on all models delivers high first hour ratings and recoveries
- Durable, tamper-resistant brass drain valve
- Advanced PEX cross-link polymer dip tube lasts longer than standard dip tubes
- Our longest 10-year tank and parts warranty

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>FIRST HOUR RATING</th>
<th>ENERGY FACTOR</th>
<th>GAL. CAP.</th>
<th>INPUT STU/HRT.</th>
<th>CAL/HR. RECOVERY 90°F</th>
<th>R VALUE</th>
<th>HEIGHT TO DRAFT HOOD</th>
<th>DIAMETER</th>
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All Dimensions In Inches

ELECTRIC

- Our most energy-efficient electric models – 3"-thick CFC-free foam insulation inlet/outlet heat traps deliver highest electric energy factors up to .95
- DynaClean™ II automatic sediment-cleaning system helps reduce lime and sediment buildup
- Steel tank with patented Blue Diamond™ glass coating, plus our best CoreGard™ anode rod for unsurpassed protection against corrosion
- Storage capacities up to 80 gallons deliver high first hour ratings and recoveries
- Durable, tamper-resistant brass drain valve
- Advanced PEX cross-link polymer dip tube lasts longer than standard dip tubes
- Two 4500-watt Phoenix™ Inclooy stainless steel heating elements last longer than standard elements
- Our longest 10-year tank and parts warranty

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>FIRST HOUR RATING</th>
<th>ENERGY FACTOR</th>
<th>GAL. CAP.</th>
<th>ELEMENT VAC</th>
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<th>STANDARD</th>
<th>MAXIMUM</th>
<th>RECOVERY 90°F GALLON/HOUR</th>
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All Dimensions In Inches

A.O. Smith Water Heaters
A division of A.O. Smith Corporation
500 Lindahl Parkway, Ashland City, TN 37015
www.aoshmithwaterheaters.com

Preferred brand of the professional