

# SELECT® ULTRA-LOW NOx

## Residential Gas Water Heaters



State Select® Ultra Low NOx gas water heaters feature an FVIR compliant design, which meets the ANSI Z21.10.1-CSA standards for flammable vapor ignition resistance. State Ultra-Low NOx water heaters are available in a variety of capacities to accommodate a multitude of application installations.



**Model Shown  
Series 200**

### Ultra-Low NOx Burner System

- The enhanced burner produces less NOx than previous burners. The "Environmentally-Friendly" burner system complies with Air Quality Management Districts of California for NOx emissions of less than 10ng/j.

### Intelligent Control Logic

- The internal microprocessor provides enhanced operating parameters and tighter differentials for precise sensing and faster heating response to optimize performance.

### Self-Powered Electronic Gas Valve

- Uses a Thermopile to generate the power needed to operate the electronics.

### Diagnostics

- The electronic gas control incorporates an LED status indicator that monitors system operation & service diagnostics.

### Durable Burner Construction

- Components of the improved burner system are made of either stainless steel or a strong inconel alloy that is designed to withstand extreme temperature applications. All burner components have been subject to rigorous life and reliability testing to maximize life.

### FVIR Compliant

- Unit contains a flame arrestor that ensures vapors are safely combusted inside the sealed combustion chamber should a flammable vapor event occur.

### Easy-To-Install

- Design simplifies installation since the State Ultra-Low NOx units can directly replace older, non-compliant units. No special venting or electric power is required.

### Turbo Dip Tube

- Reduces lime and sediment buildup, maximizes hot water output
- Made from State PEXAN™, a cross-linked polymer that can withstand long-term exposure to temperatures up to 400°F.

### Easy-to-Light Piezo Ignitor

- For fast "one-hand" pilot ignition

### Glasslined Tank with Aluminum Anode Rod

- For long-lasting protection against corrosion

### Durable Brass Tamper-Resistant Drain Valve

### CSA Certified and ASME Rated T&P Relief Valve

### Design-Listed by CSA International

- Certified at 300 PSI test pressure and 150 PSI working pressure
- Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage-type water heaters
- Additional code compliance: UBC, CEC, SBCC, CABO, HUD and BOCA National Codes. Meets the thermal efficiency and Standby loss requirements of the U. S. Department of Energy and current edition of ASHRAE/IESNA 90.1 and Federal Energy Efficiency Standards effective January 20, 2004, according to the National Appliance Energy Conservation Act (NAECA) of 1992.

### 6-Year Limited Tank and Parts Warranty

- Consult written warranty or contact State Water Heaters for complete information



Low Lead Content

For more information on Select® contact:  
State Water Heaters  
500 Tennessee Waltz Parkway, Ashland City, TN 37015  
800-365-0024 Toll-free USA  
[www.statewaterheaters.com](http://www.statewaterheaters.com)

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# RESIDENTIAL

## SELECT<sup>®</sup> ULTRA-LOW NO<sub>x</sub> Residential Gas Water Heaters

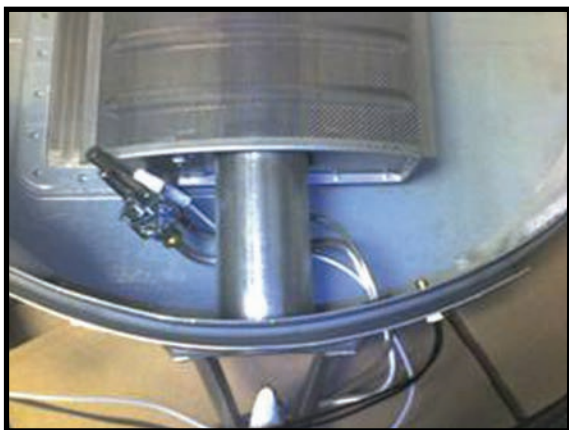


MODEL NUMBER	SERIES	PEAK DEMAND OUTPUT (1st Hour Rating Gallons)	ENERGY FACTOR	GALLON CAPACITY	BTU INPUT PER HOUR NATURAL†	RECOVERY 90 F RISE GALLONS	R VALUE	DIMENSIONS IN INCHES							APPROX. SHIPPING WEIGHT (LBS)
								A	B	C	D	E	F	DRAFT HOOD OUTLET	
TALL MODELS															
GS6 30 UORT	200	50	0.61	30	30,000	31	8	59-7/8	56-3/8	16	13	8	48-1/2	3 or 4	105
GS6 40 UBRT	200	65	0.59	40	40,000	41	8	62-1/8	58-5/8	18	13	8	50-3/4	3 or 4	129
GS6 50 UBRT	200	75	0.58	50	40,000	41	8	60-7/8	57-3/8	20	13	8	49-1/2	3 or 4	151
GS6 40 UOCT	200	70	0.62	40	40,000	41	16	61-7/8	58-3/8	20	13	8	50-3/4	3 or 4	138
GS6 50 UOCT	200	75	0.62	50	40,000	41	16	60-7/8	57-3/8	22	13	8	49-1/2	3 or 4	160

Recoveries are rounded to nearest gallon.

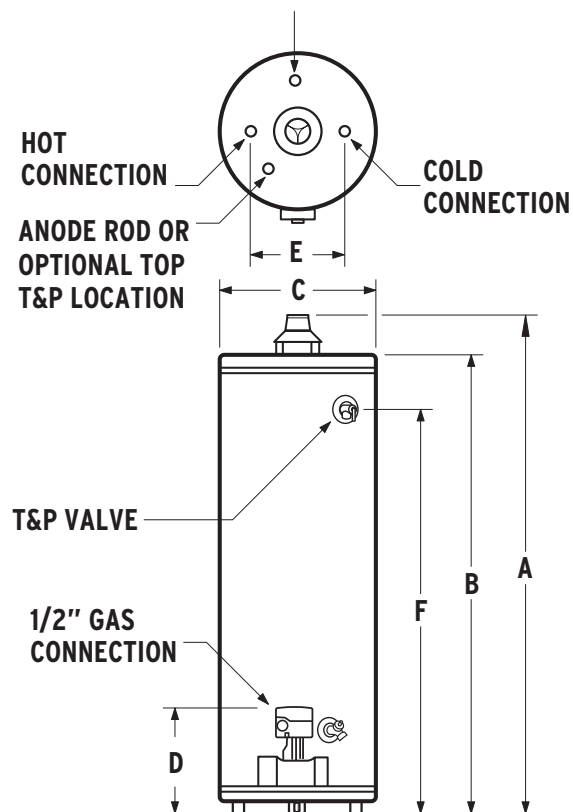
Water Connections - 3/4" male on all models.

When ordering top-mounted T&P Valve, add "G" to model number (GS6 40 UBRT G).



- Burner system complies with 10ng/j Ultra-low NO<sub>x</sub> SCAQMD requirements.
- Burner screen acts as a secondary flame arrestor in the event of accidental exposure to flammable vapors.
- If flammable vapors accidentally enter the combustion chamber, the flame trap and burner are designed so flames burn off inside the chamber and cannot escape outside of the heater.

### OPTIONAL ANODE ROD LOCATION



For complete information on limited warranties, consult written warranty, or contact the State Customer Care Center, 1-800-365-0024.

State Industries, Inc. reserves the right to make product changes or improvements without prior notice.

