

SELECT[®]**Residential Gas Water Heaters**

State Select[®] gas water heaters feature an FVIR Compliant design, which meets the ANSI Z21.10.1-CSA 4.1 standards for flammable vapor ignition resistance.

**300/301 Series****These High Output Models Have**

- Capacity/input combinations up to 98 gallons/75,100 BTU produce recoveries up to 81 gallons per hour, with deliverable hot water up to 150 gallons.

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 electronic gas control without requiring an external power source.

Diagnostics

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

Diffuser 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

Green Choice[®] Gas Burner

- Patented “Eco-Friendly” burner design reduces NOx emissions by up to 33% and complies with 40 ng/j requirements for low NOx emissions.

Easy-to-Light Piezo Ignitor

- For fast “one-hand” pilot ignition

Glasslined Tank with Aluminum Anode Rod

- For long-lasting protection against build up and 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
- Meets the Federal Energy Efficiency Standards effective January 20, 2004, according to the National Appliance Energy Conservation Act (NAECA) of 1992 and meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current editions of ASHRAE/IESNA 90.1.
- Additional code compliance: UBC, CEC, SBCC, CABO, HUD and BOCA National Codes

FVIR Compliant Design**Simplifies Service**

- Uses industry standard thermopile
- Burner operation may be viewed through new enlarged sight glass

**6-Year Limited Tank and Parts Warranty**

Consult written warranty or contact State Water Heaters for complete information

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

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SELECT[®] 300/301 Series Residential Gas Water Heaters



Low Lead Content

MODEL NUMBER	SERIES	PEAK DEMAND OUTPUT (1st Hour Rating)	ENERGY FACTOR	GAL. CAP.	BTU INPUT PER HOUR NATURAL †	RECOVERY 90°F RISE GALLONS	R VALUE	DIMENSIONS IN INCHES						DRAFT HOOD OUTLET	APPROX SHIPPING WEIGHT* (LBS.)
								A	B	C	D	E	F		
GS6 40 YRRT	300	75	.60	40	50,000	51	16	61-3/4	58-1/4	20	13	8	51-3/4	4	138
GS6 50 YRRT	300	90	.58	50	50,000	51	8	60-3/4	57	20	13	8	50-1/4	4	153
GS6 50 YRRT 5	100	93	.58	50	65,000	67	16	63-7/8	59-1/2	22	15-1/2	8	54-1/8	4	195
GS6 65 YRRT	100	116	.57	65	65,000	67	16	65	60	24	15 1/2	8	54-1/4	4	215
GS6 75 XRRS*	100	N/A	N/A	74	75,100	81	16	61	57	26-1/2	14-3/4	16	50-1/4	4	275
GS6 100 XRRT*	100	N/A	N/A	98	75,100	81	10	68-1/2	65	27-3/4	15-3/16	16	57-3/8	4	350

Recoveries are rounded to nearest gallon

Water Connections – 1" on 75-gallon; 1-1/4" on 100-gallon models; 3/4" on all other models

*Not equipped with C3 Technology

For 10-Year Tank and 6-Year Parts Warranty, change "6" to "X" in Model Number (GSX 40 YRRT)

When ordering top-mounted T&P Valve (C3 Technology models only), add "G" to model number (GS6 40 YRRT G)

GS6 40 & 50 YRRT models are certified from sea level to 10,100 ft. elevation all other models are certified to 7,700 ft. elevation

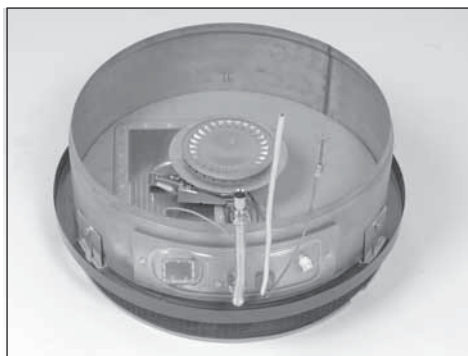
When ordering Propane, change "Y" to "H" in model number (GS6 40 HRRT), or "X" to "C" in model number (GS6 75 CRRS)

† Propane Gas – GS6 40 HRRT: 47,000 BTU Input
 GS6 50 HRRT: 45,000 BTU Input
 GS6 50 HRRT 5: 55,000 BTU Input
 GS6 65 HRRT: 62,500 BTU Input

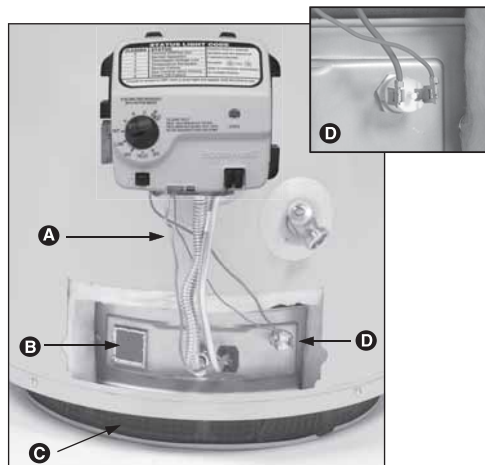
Flammable Vapor Ignition Resistant (FVIR) Water Heaters

State FVIR design meets or exceeds the American National Standards Institute standards (ANSI Z21.10.1 - CSA 4.1) that deal with the accidental or unintended ignition of flammable vapors, such as those emitted by gasoline.

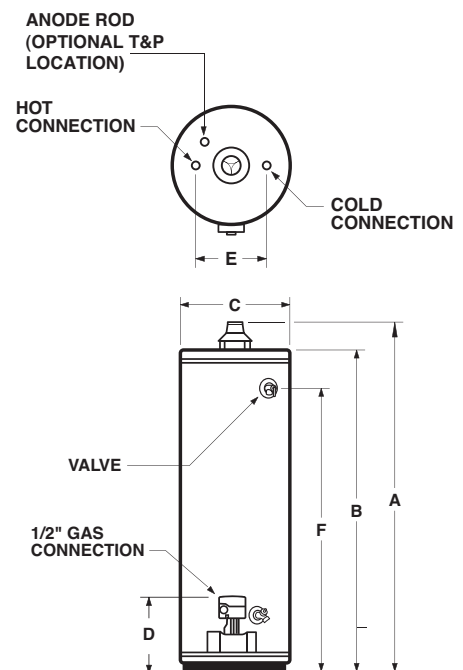
Feature a sealed combustion chamber with air intake filter and a flame arrestor built into the water heater base. In addition, a thermal cutoff (TCO) device, is designed to shut off gas flow to the burner and pilot if poor combustion is detected.



If flammable vapors accidentally enter the combustion chamber, the arrestor is designed so flames burn off the top surface and can not escape down through the arrestor.



- A. Industry standard thermopile
- B. Large View Port for easy burner inspection
- C. 360° combustion air filter
- D. Thermal Cutoff (TCO) with manual reset



Maximum Hydrostatic Working Pressure: 150 PSI.

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.

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