

# PREMIER® SL STANDARD VENT GAS WATER HEATER



**Series 300/301**



## Side-Mounted Recirculating Taps

- For installation with combination space heating / potable water heating applications or any system requiring a recirculating hot water loop

## 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

## Automatic Sediment- Cleaning System

- Specially designed dip tube directs incoming cold water to create turbulence in the tank, to reduce lime and sediment buildup
- Diffuser Dip Tube helps maximize tank life, maintain high energy efficiency and increases hot water output
- Made from long-lasting PEX cross-linked polymer

## Green Choice®

### "Eco-Friendly" Gas Burner

- Patented design reduces NOx emissions by up to 33% and meets less than 40 ng/j requirement for low NOx emissions

## Premium Anode Rods

- Anodes have a stainless steel core to protect tank against corrosion longer

## Push Button Piezo Ignitor

- Makes lighting pilot fast and easy with one-hand push-button spark ignition
- Standard on all FVIR compliant models

## Heat Trap Nipples

- Standard on all models

## Durable, Tamper-Resistant Brass Drain Valve

## "Environmentally-Friendly" Non-CFC Foam Insulation

- Reduces standby heat loss and improves efficiency

## Blue Diamond® Glass Coating

- Provides superior corrosion resistance compared to industry-standard glass lining

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

- Top-mounted T&P relief valve available as an option

## FVIR Compliant Design

- See other side

## Design-Certified by CSA International

- According to ANSI Z21.10.1 - CSA 4.1 Standards governing storage-type water heaters

## 10-Year Limited Tank and Parts Warranty

**Code Compliance** - UBC, CEC, SBCC, CABO, HUD, 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 meets the Federal Energy Efficiency Standards effective January 20, 2004, according to the National Appliance Energy Conservation Act (NAECA) of 1992.



For more information on Premier® SL contact:

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Ashland City, TN 37015  
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# PREMIER® SL - STANDARD VENT GAS WATER HEATER

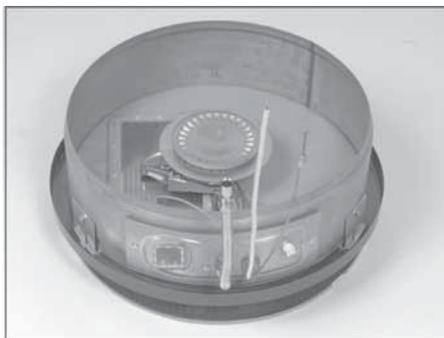
MODEL NUMBER	GALLON CAPACITY	ENERGY FACTOR (EF)	BTU INPUT PER HOUR NATURAL*	RECOVERY 90°F RISE GALLONS PER HOUR	BTU OUTPUT PER HOUR NATURAL	FIRST HOUR RATING	DIMENSIONS IN INCHES								APPROX. SHIPPING WEIGHT (LBS)
							A	B	C	D	E	F	G	H	
GPX 40 YXRT L	40	0.63	40,000	41	30,400	70	61-3/4	58-1/4	20	13	8	51-3/4	14-1/4	51-3/4	150
GPX 50 YXRT L	50	0.62	40,000	41	30,400	88	61	57-1/4	22	13	8	50-1/2	14-1/4	50-1/2	165

\*Propane Gas - GPX 40 YXRT L: 36,000 BTU; GPX 50 YXRT L: 37,000 BTU  
 Recoveries capacity based on actual performance tests  
 When Ordering Propane (LP), replace the "Y" with an "H" (Example: GPX 40 HXRT L).  
 Models are certified from sea level to 10,100 ft. elevations.

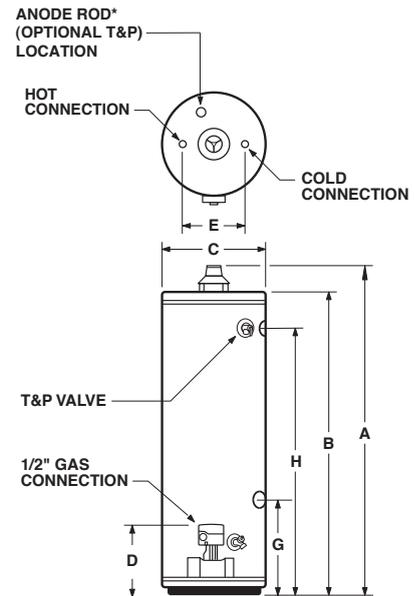
## Flammable Vapor Ignition Resistant (FVIR) Water Heaters

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.

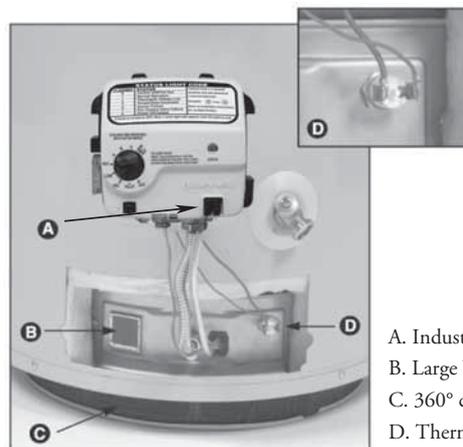


If flammable vapors accidentally enter the combustion chamber, the arrestor is designed so flames burn off the top surface and cannot escape down through the arrestor.



\* Location for optional top-mounted T&P Valve if ordered from factory.

Maximum hydrostatic working pressure: 150 psi



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

For complete information on limited warranties, consult written warranty or contact technical support at 1-800-365-0024.  
 State Industries, Inc., reserves the right to make product changes or improvements without prior notice.

For more information on Select® SL contact:  
 State Water Heaters  
 500 Tennessee Waltz Parkway  
 Ashland City, TN 37015  
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