

# PREMIER® HIGH EFFICIENCY

## ATMOSPHERIC GAS WATER HEATERS



### FEATURES

#### Pressurized Combustion System

- Exclusive and patented pressurized combustion chamber with an advanced air intake blower delivers superior efficiency. Much like a turbocharger, the blower distributes an optimum air-to-gas mixture pushing exhaust gases through the highly restricted flue baffle. The end result is the most efficient atmospheric gas product on the market with a .70 Energy Factor (EF).

#### Installation Friendly

- Allows for easy replacement of standard atmospheric vent heaters.
- Easily connects to existing B-vent.

#### Fan-assisted, Category 1 appliance

#### 24V Electronic Controls

- Tighter differential for more consistent hot water delivery.

#### Electronic Ignition

- The durable hot surface ignitor eliminates pilot relight issues (no standing pilot).

#### LCD User Interface

- Easy-to-read eye level display. Simple temperature settings and adjustments. Service diagnostics are in plain text.

#### Powered Anode Rod

- Powered anodes are non-sacrificial, so they do not deplete over time. Additionally, they provide exceptional performance in all water conditions.

#### Meets Energy-Efficiency Requirements for Most Gas Utility Rebate Programs

#### Durable Tamper-Resistant Brass Drain Valve

#### Diffuser Dip Tube

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

#### Green Choice® Gas Burner

- Patented "Eco-Friendly" Green Choice® gas burner reduces NOx emissions by 33% compared to standard burners and meets low NOx requirements of less than 40ng/j.

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

#### Code Compliance: UBC, CEC, SBCC, CABO, HUD, BOCA National Codes, Current Edition ASHRAE/IESNA 90.1 and 2004 NAECA Standards

#### Design-Certified by CSA International

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

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

- For complete information, consult written warranty or contact State Customer Care Center.

#### Meets ENERGY STAR® Requirements



For more information on High Efficiency, 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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# PREMIER<sup>®</sup> HIGH EFFICIENCY GAS WATER HEATERS

MODEL NUMBER	GALLON CAPACITY	ENERGY FACTOR	BTU INPUT PER HOUR	RECOVERY AT 90° RISE	FIRST HOUR RATING	FOAM THICKNESS (INCHES)	DIMENSIONS IN INCHES								DRAFT HOOD OUTLET	SHIPPING WEIGHT (LBS)
							A	B	C	D	E	F	G	H		
GP6 40 YPCT	40	0.70	40,000	43	70 GPH	2	61-3/4	58	20	13-1/4	8	51-1/2	23-1/4	25	3 or 4	157
GP6 50 YPCT	50	0.70	40,000	43	81 GPH	2	60-5/8	57-1/8	22	13-1/4	8	50-1/2	25-1/4	27	3 or 4	171

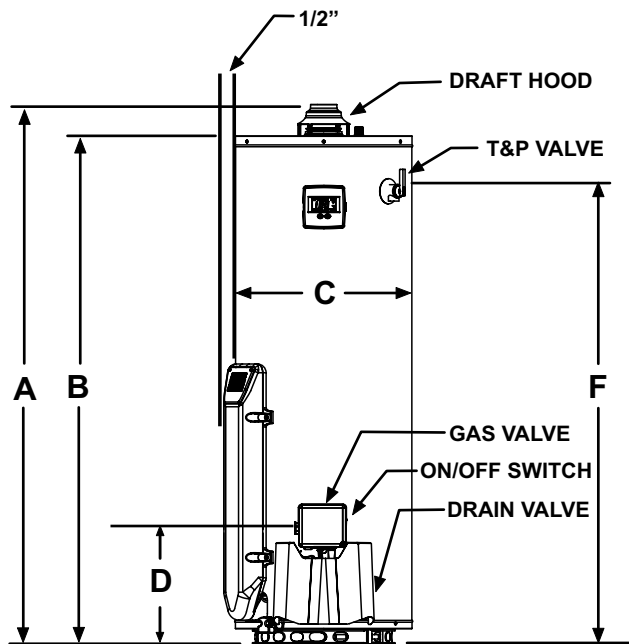
All dimensions in inches

Recovery capacity based on actual performance tests.

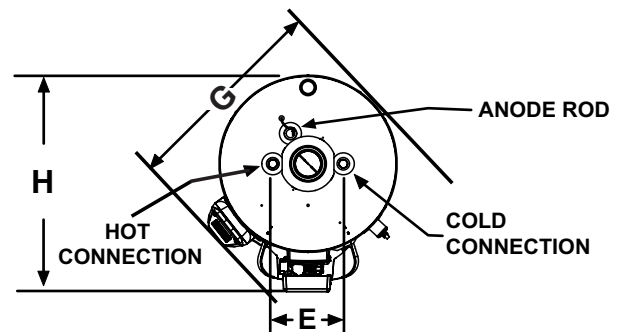
Water Connections - 3/4" on all models.

Not available in LP gas (Propane).

Certified for installations up to 5500 ft. elevations.



FRONT VIEW



TOP VIEW

Maximum Hydrostatic Working Pressure: 150 PSI

## Flammable Vapor Ignition Resistant Water Heaters

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

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

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

For more information on High Efficiency, 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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