

ATMOSPHERIC VENT

SELF-POWERED ELECTRONIC CONTROL GAS VALVE

- The internal microprocessor provides enhanced operating parameters and tighter differentials for precise sensing and faster heating response to optimize performance.
- Uses a thermopile to generate the power needed to operate the electronic gas control without requiring an external power source.
- The electronic gas control incorporates an LED status indicator that monitors system operation and service diagnostics.

HIGH ENERGY FACTORS

- Eco-friendly non-CFC foam insulation, external heat traps and specially designed combustion chamber combine to produce a high Energy Factor for maximum savings on operating costs.

SELF-CLEANING DIP TUBE

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

ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.

PUSH-BUTTON PIEZO IGNITOR

- Makes lighting the pilot fast and easy with one-hand, push-button spark ignition.

HEAT TRAP NIPPLES

- Factory-installed for faster installation.

GAS BURNER

- Patented "Eco-Friendly" Burner design reduces NOx emissions by up to 33% and complies with Low-NOx emission requirements of less than 40 ng/J.

GLASS COATING

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

DRAIN VALVE

- Our residential water heaters have a tamper-resistant drain valve.
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance.

CODE COMPLIANCE

- Meets UBC, CEC, and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

MAXIMUM HYDROSTATIC WORKING PRESSURE: 150 PSI

6-YEAR LIMITED TANK AND PARTS WARRANTIES

For complete information, consult written warranty.

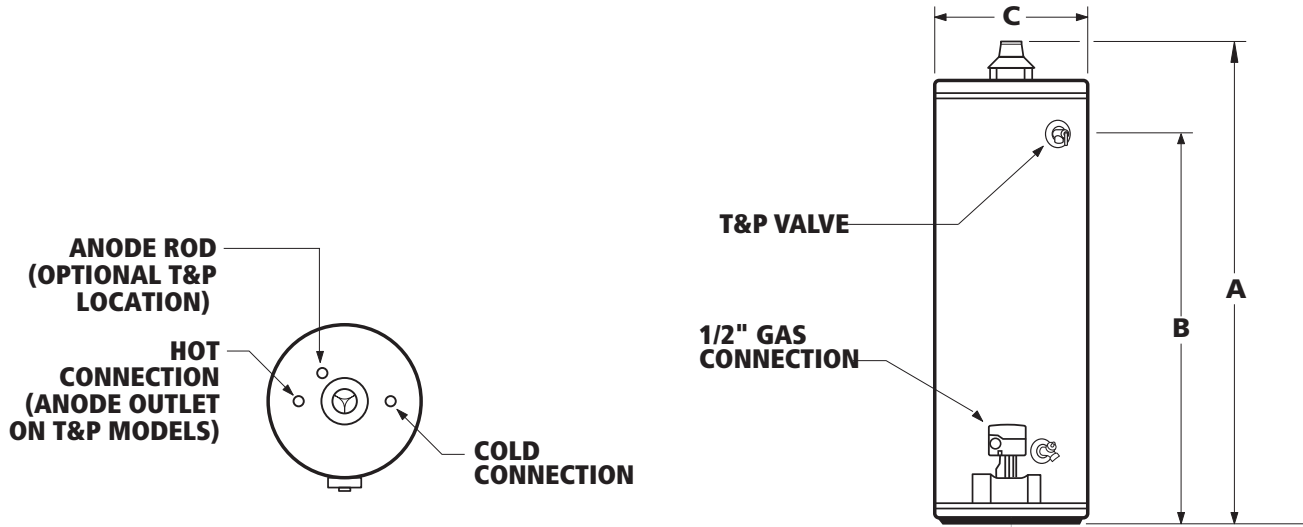


40-GALLON Signature™ 6-year PRODUCT SHOWN



Tank and Parts Warranty	Model Number	Nominal Capacity (Gallons)	Rated Storage Volume (Gallons)	First Hour Delivery (Gallons)	Uniform Energy Factor	Gas Type	BTU	Gallons Per Hour Recovery*	Dimensions in Inches			Vent Diameter	Approx. Shipping Weight (lbs.)
									Height A	Height to T&P B	Diameter C		
ATMOSPHERIC VENT - Signature™													
6-year	G6-S3032NVR	30	29	55	0.60	Natural	32,000	32	50-1/4"	46-3/4"	20"	3" or 4"	108
6-year	G6-T3032NVR	30	29	62	0.60	Natural	32,000	31	60-1/2"	57"	18"	3" or 4"	132
6-year	G6-S4040NVR	40	38	67	0.58	Natural	40,000	42	51-1/2"	48"	22"	3" or 4"	135
6-year	G6-T4035NVR	40	38	65	0.59	Natural	35,500	38	61-3/4"	58-1/4"	20"	3" or 4"	138
6-year	G6-T5040NVR	50	48	84	0.62	Natural	40,000	43	60-3/4"	57-1/4"	22"	3" or 4"	165
6-year	G6-T4040NVR	40	38	80	0.66	Natural	40,000	42	61-3/4"	58-1/4"	20"	3" or 4"	138

*Based on 90° rise.
 Male 3/4" water connections on 8" center.
 All models approved for installation from sea level to 10,100 ft. elevation.
 Dimensions and specifications are subject to change without notice in accordance with our policy of continuous product improvement.



Maximum Hydrostatic Working Pressure: 150 PSI

FLAMMABLE VAPOR IGNITION RESISTANT (FVIR) WATER HEATERS
 FVIR design meets 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.
 Features a sealed combustion chamber with intake air 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.

For technical information call (877) 817-6750.
A. O. Smith Water Heaters reserves the right to make product changes or improvements without prior notice.