

Residential Gas with the Flame Guard® Safety System

6-Year Limited Tank/Parts Warranty*

The Flame Guard® Safety System reduces the risk of accidental fires involving flammable vapors from products such as gasoline, paint thinner, and solvents. With a standard right-hand thread thermocouple, resettable thermal safety switch and larger sight-glass, the Flame Guard® Safety System is better than ever.

- **Combustion Safety Cut-off Switch**
Shuts down the water heater should combustion air be restricted.
- **Combination Thermostat/ECO**
With factory-preset pressure regulator and built-in millivolt-powered energy cutoff for overheat protection.
- **Lint Resistant Design**
Main burner ignition forces air through the flame trap, clearing lint off the trap. Proven design tested under four different lint test scenarios.
- **Durable and Efficient Burner Construction**
Steel multiport low NOx burner featured on natural gas models; stainless steel burner featured on most propane models (50T50 is cast iron).
- **Code Approvals**
CSA International (formerly AGA) ANSI Z21.10.1 – CSA 4.1 (current edition).
- **Piezo Electric Igniter**
For lighting the pilot without matches.
- **Drain Valve**
Child-resistant, corrosion-resistant drain valve.
- **T&P Valve**
Conveniently located on the side of the tank to facilitate piping to a drain or external to the building. Also available with top T&P opening for field installation.
- **Anode Rod**
Top-mounted, heavy-duty anode protects tank against corrosion, extending the life of the tank.
- **Dip Tube**
Carries cold inlet water deep into the tank to minimize temperature dilution of hot water.
- **3/4" Top Water Connections**
- **1/2" Gas Connection**

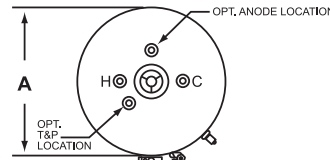
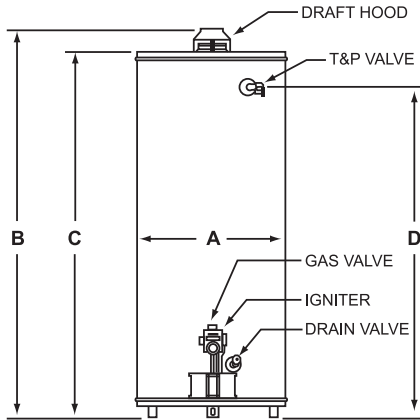
All BFG prefixed models are equipped with the Flame Guard® Safety System



Qualifying Energy Star Models:

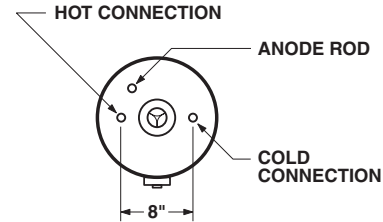
- BFG62 40S40 3NOV
- BFG62 40T40 3NOV
- BFG62 50T40 3NOV

**For complete warranty information consult the written warranty of American Water Heaters found at www.americanwaterheater.com, or call (800) 999-9515.*



When top T&P is ordered, the anode is moved to the rear location and the front anode location is used for the field-installed T&P valve.

Top View: FVG model



WARRANTY	MODEL NUMBER	GAL. CAP.	INPUT BTU PER HR.		GPH RECOVERY 90° RISE		VENT DIAM.	E.F.	JACKET DIAM. A	HEIGHT			APPROX. SHIP WEIGHT
			NAT.	LP	NAT.	LP				TOP OF VENT B	TOP OF HEATER C	SIDE T&P D	
6-Year	BFG61-30S30-3NOV	30	30,000	29,000	30.4	29.4	3	0.61	18	49	45-3/4	39	99
6-Year	BFG61-30T30-3NOV	30	30,000	29,000	30.4	29.4	3	0.61	16	59-3/4	56-1/2	49-1/2	98
6-Year	BFG61-40S40-3NOV	40	40,000	36,000	40.5	36.5	3	0.59	20	52-1/4	49	42-1/4	132
6-Year	BFG61-40T40-3NOV	40	40,000	36,000	40.5	36.5	3	0.59	18	62	58-3/4	51-3/4	127
6-Year	BFG61-50T40-3NOV	50	40,000	40,000	40.5	40.5	3	0.58	20	60-3/4	57-1/2	50-1/2	148
6-Year	BFG61-50T50-4NOV†	50	50,000	47,000	50.7	47.6	4	0.58	20	60-3/4	57-1/2	50-1/2	148
6-Year	BFG62-40S40-3NOV	40	40,000	36,000	40.5	36.5	3	0.62	22	52-1/4	49	42-1/4	146
6-Year	BFG62-40T40-3NOV	40	40,000	36,000	40.5	36.5	3	0.63	20	62	58-3/4	51-3/4	132
6-Year	BFG62-50T40-3NOV	50	40,000	40,000	40.5	40.5	3	0.62	22	60-3/4	57-1/2	50-1/2	155
6-Year	BFG62-50T50-4NOV†	50	50,000	47,000	50.7	47.6	4	0.60	22	60-3/4	57-1/2	50-1/2	155
6-Year	FVG62-50T65-4NOV*	50	65,000	55,000	66.5	56.3	4	0.58	22	63-7/8	59-1/2	54-1/8	195

Dimensions on all charts shown in inches. Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

*The FVG62-50T65-4NOV uses a FVIR compliant design, which is different from the BFG design.

†Select propane models feature cast iron burners; all other propane models have stamped stainless steel burners.

Inlet and outlet are on 8" centers. Delete "V" in model number for top T&P option, T&P opening on top of the heater with the valve shipped in the box for field installation. To order propane models, change "NO" to suffix "P".

Specification

Residential gas water heater(s) shall be flammable vapor-resistant models _____ as manufactured by American Water Heater Company, or an approved equal, and shall have a _____-year limited tank warranty and a _____-year limited parts warranty, when installed in a residential application. The heater shall be equipped with a flammable vapor-resistant combustion system that includes an integral flame trap, a resettable thermal switch and a piezo electric igniter. In the event of a flammable vapor incident or a severe back draft condition, the heater must render itself inoperable. The heater must be tested for lint buildup resistance. Heater(s) shall have a storage capacity of _____ gallons and shall have a rated input of _____ BTU's, and shall be design certified, tested and listed in accordance with CSA International to the latest addition ANSI Z21.10.1 – CSA 4.1. Heaters shall meet or exceed the requirements of the Federal "National Appliance Energy Conservation Act of 1987"– 2004 requirements and shall comply with ASHRAE Standard 90.1-1999. The interior of the storage tank shall be lined with a baked-on Fused Ceramic Shield tank lining, fused to the tank at 1600° F, forming a corrosion-resistant lining; polymer linings are not acceptable. Each tank shall be furnished with an internal anode for cathodic protection. The unit must be equipped with a combination gas control thermostat and non-reset type ECO. A corrosion-resistant drain valve shall be provided on the front of each unit. The tank shall be totally encased in a steel jacket, painted and insulated with a non-CFC foam to reduce standby heat loss.

Distributed By:

Order Entry and Sales
 500 Princeton Road (FEDEX, UPS)
 Johnson City, TN 37601-2030
 P.O. Box 4808 (Mailing)
 Johnson City, TN 37602-4808
 (800) 937-1037
 FAX (800) 581-7224

Warranty and Service
 500 Princeton Road (FEDEX, UPS)
 Johnson City, TN 37601-2030
 P.O. Box 1597 (Mailing)
 Johnson City, TN 37605-1597
 (800) 999-9515
 FAX (800) 999-5210