

**6-Year Limited Tank/ 6-Year Limited Parts Warranty\***

## 90% THERMAL EFFICIENCY CONTINUOUS HOT WATER VERSATILE POWER VENT DESIGN

- Today's homes demand more hot water than ever before, and the 90% efficient power vent gas water heater offers unprecedented levels of performance to meet the need. The 50-gallon water heater delivers hot water output that rivals a 75-gallon atmospheric gas water heater. In fact, the fully condensing design is so advanced, it can deliver "endless hot water for showers"...a continuous flow of over 3 gallons per minute. \* Yet it is easy to install, with height, diameter and installation requirements similar to standard power-vent units.

### HELICAL INTERNAL HEAT EXCHANGER

- Positioned in the center of the tank, surrounded by water to virtually eliminate radiant heat loss from the chamber
- Achieves 90% thermal efficiency which saves money on operating costs compared to a standard 78% efficient gas water heater
- Spiral heat exchanger reduces the accumulation of lime scale; maintains higher efficiency performance over time.

### POWER VENTS USING PVC PIPE

- Combined vertical and horizontal vent runs terminating through an outside wall, using Schedule 40 PVC pipe
- Can be vented vertically thru-the-roof or horizontally thru-the-wall
  - 2" pipe, vents up to 25 equivalent feet
  - 3" pipe, vents up to 65 equivalent feet
  - 4" pipe, vents up to 128 equivalent feet

### MODULAR BLOWER

- Equipped with 120 volt, 60 Hz electrical system (rating 5 amps or less), 6-foot cord with standard 3-prong connector
- 2" PVC pipe, elbows and condensate drain supplied to connect heat exchanger outlet to blower
- PVC Vent Attenuation Assembly (VAA) supplied

### SIDE-MOUNTED HOT AND COLD RECIRCULATING TAPS

- Allows water heater to be installed as part of combination space heating/water heating applications or any system requiring a recirculating hot water loop, including radiant floor heating

### INTELLI-VENT™™™ GAS CONTROL

- Equipped with nearly indestructible silicon nitride hot surface ignitor — no standing pilot
- Advanced electronics for more precise control of water temperature and easy-to-understand system diagnostics

### COMMERCIAL GRADE GLASS LINING

- Provides superior protection against corrosion
- Protects all interior tank surfaces including inside and outside of helical heat exchanger

### TWO HEAVY-DUTY ANODE RODS

- Provides added protection against corrosion

### GREEN CHOICE® GAS BURNER

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

### CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

### MAXIMUM HYDROSTATIC WORKING PRESSURE: 150 PSI

\*3.07 GPM continuous flow, based on 65°F inlet water temperature, 110°F outlet temperature.

\*\*Intelli-Vent is a registered trademark of Emerson Electric Company



**VG6250T76NV**



\*For complete warranty information consult the written warranty of American Water Heaters found at [www.americanwaterheater.com](http://www.americanwaterheater.com), or call (800) 456-9805.

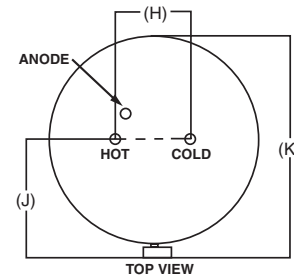
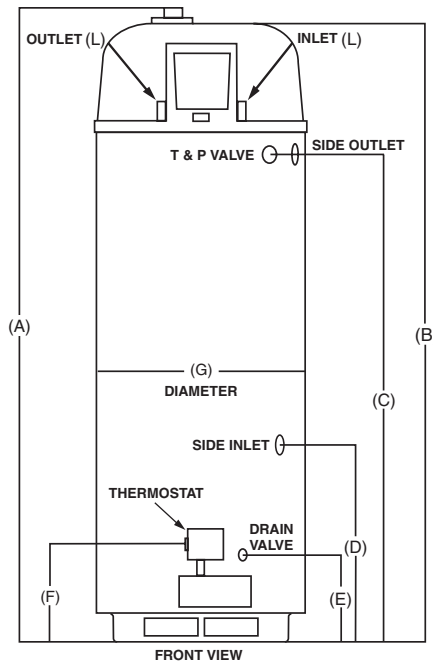
## 90% THERMAL EFFICIENCY POWER VENT

### CODES AND STANDARDS

- Design-certified by UL (Underwriters Laboratories) according to ANSI Z21.10.3 - CSA 4.3 Standards
- Meets or exceeds the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition ASHRAE/IESNA 90.1

MODEL NUMBER	BTU INPUT PER HOUR	GALLONS OR LITRES	FIRST HOUR DELIVERY GALLONS OR LITRES	RECOVERY GALLONS OR LITRES 90°F/50°C RISE	DIMENSIONS INCHES/CENTIMETERS										SHIPPING WEIGHT LBS/KG
					A	B	C	D	E	F	G	H	J	K	
VG6250T76NV	76,000	50	127	92	70-5/8	68-1/4	52	21	9-1/8	12	22	8	15-3/4	27	210
		189	481	92	179	173	132	53	23	30	56	20	40	68	95

Inlet and outlet connections: 3/4" male  
Circulation loop connections: 3/4" female



\* INSTALL IN ACCORDANCE WITH LOCAL CODES

## Residential Gas Water Heater Specification

Residential gas water heater(s) shall be models \_\_\_\_\_ as manufactured by American Water Heaters, or an approved equal, and shall have a \_\_\_\_\_-year tank warranty and a \_\_\_\_\_-year parts warranty, when installed in a residential application. Heater(s) shall have a storage capacity of \_\_\_\_\_ gallons and shall have a rated input of \_\_\_\_\_ BTUs, and shall be designed, tested and listed with CSA International in accordance with the latest edition of ANSI Z21.10.1 - CSA4.1 standard. Heaters shall meet or exceed the Federal Energy Efficiency Standards effective January 20, 2004, according to the National Appliance Energy Conservation Act (NAECA) of 1992. The interior of the storage tank shall be lined with a Fused Ceramic Shield 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 powered 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. The tank must be design certified for 300 PSI test pressure and 150 working pressure.

### 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  
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Johnson City, TN 37605-1597  
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