

# LOW NO<sub>x</sub> ATMOSPHERIC

Residential Gas Water Heaters | Canada

*American Standard*<sup>®</sup>  
WATER HEATERS

[www.americanstandardwaterheaters.com](http://www.americanstandardwaterheaters.com)

## Features

- **VAPORSHIELD TECHNOLOGY** – Unique design that prevents flames from traveling backwards through the flame arrestor plate and outside of the water heater if flammable vapors are present, providing extra protection.
- **TRADITIONAL MECHANICAL GAS VALVE** – Simple and maintenance free operation.
- **SPARK IGNITER** – Easy push button pilot lighting in lieu of matches.
- **FACTORY INSTALLED ENERGY CUT-OFF SYSTEM** – Automatic thermostat with built-in gas pressure regulation also incorporates energy cut-off switch to prevent abnormally high water temperature for added safety.
- **TURBULENCE – INDUCING DIP TUBE** engineered to reduce sediment build-up inside the tank.
- **FULL FLOW BRASS DRAIN VALVE** factory provided & installed, allows easy and quick drainage.
- **FACTORY INSTALLED HEAT TRAPS** reduce standby heat loss caused by heat mitigation to water pipes.
- **TEMPERATURE AND PRESSURE RELIEF VALVE** factory provided & can be relocated from side to optional top of the heater.

## Performance

- **UP TO 0.65 UEF**
- **UP TO 86 GALLONS (UP TO 325 LITERS) FIRST HOUR RATING (FHR)**
- **HFO FOAM INSULATED** – 2 inch-thick, environmentally-friendly insulation foam saves energy, reduces fuel cost by maximizing heat retention, and contributes to overall energy efficiency.
- **CSA DESIGN CERTIFIED** – All models design tested and certified in accordance with CSA / ANSI Z21.10.1 \* CSA 4.1.
- **UL ENERGY VERIFIED** – Energy Efficiency tested in accordance with CSA P.3-15 test procedures, meets or exceeds the requirements of Natural Resources of Canada.

## Quality

- **HEAVY GAUGE STEEL TANK** for extra years of trouble-free service.
- **GLASS-LINED TANK** with DuraGlas™ and fired at 1600°F for optimum protection from the effects of corrosion.
- **ALUMINUM ANODE ROD** to prolong tank life.
- **6-YEAR LIMITED WARRANTY** – 6-year limited warranty on tank and component parts.

40 & 50 Gallon Capacities  
150 & 190 Liter Capacities  
Tall & Low Boy Configurations  
Up to 40k BTU Input  
Natural Gas



## SPECIFICATIONS AND APPLICATION DATA

### DIMENSIONS IN INCHES

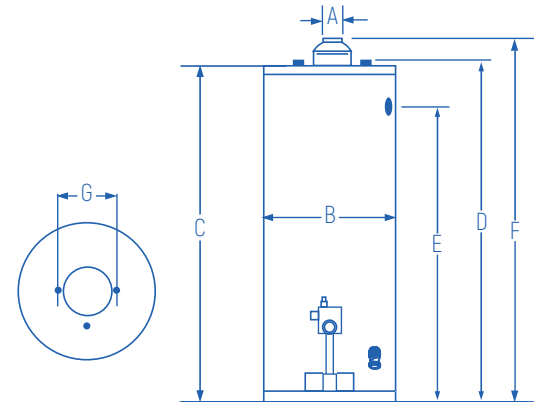
| DIMENSIONS IN INCHES |                                |                                  |                                |                   |                             |                             |                     |                       | FLOOR TO                |                                    |                    |                       | WATER CONNECTIONS DISTANCE (IN)<br>G | APROX SHIP WEIGHT (LBS/KG) |
|----------------------|--------------------------------|----------------------------------|--------------------------------|-------------------|-----------------------------|-----------------------------|---------------------|-----------------------|-------------------------|------------------------------------|--------------------|-----------------------|--------------------------------------|----------------------------|
| MODEL NUMBER         | NOMINAL CAPACITY (GAL./ LITER) | DOE RATED CAPACITY (GAL./ LITER) | FIRST HOUR RATING (GAL./LITER) | BTU INPUT NAT GAS | GPH/LPH RECOVERY @ 90° RISE | UNIFORM ENERGY FACTOR (UEF) | VENT DIAM (IN)<br>A | JACKET DIAM (IN)<br>B | TOP OF HEATER (IN)<br>C | TOP OF WATER CONNECTIONS (IN)<br>D | SIDE T&P (IN)<br>E | TOP OF VENT (IN)<br>F |                                      |                            |
| TALL                 |                                |                                  |                                |                   |                             |                             |                     |                       |                         |                                    |                    |                       |                                      |                            |
| GSN40T1-3-6-CN       | 40/150                         | 38/144                           | 74/280                         | 40,000            | 38/144                      | 0.61                        | 3                   | 18 ½                  | 59 ¼                    | 60 ¾                               | 53                 | 62 ½                  | 8                                    | 156/71                     |
| GSN50T1-3-6-CN       | 50/190                         | 48/182                           | 86/325                         | 40,000            | 38/144                      | 0.65                        | 3                   | 20 ½                  | 57 ¾                    | 59 ¼                               | 51 ¼               | 61                    | 8                                    | 185/84                     |
| LOW BOY              |                                |                                  |                                |                   |                             |                             |                     |                       |                         |                                    |                    |                       |                                      |                            |
| GSN40L2-3-6-CN       | 40/150                         | 38/144                           | 64/242                         | 37,000            | 35/132                      | 0.60                        | 3                   | 22 ½                  | 49                      | 50 ½                               | 42 ½               | 52 ½                  | 8                                    | 172/78                     |
| GSN50L2-3-6-CN       | 50/190                         | 48/182                           | 78/295                         | 40,000            | 38/144                      | 0.65                        | 3                   | 24 ½                  | 49 ¾                    | 51 ¼                               | 42 ¾               | 53                    | 8                                    | 223/101                    |

Recovery capacity based on actual performance tests

### STANDARD ROUND BURNER



- All models are certified at 300 PSI test pressure and 150 PSI working pressure.
- Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



### SAMPLE SPECIFICATION

Water heater shall be AMERICAN STANDARD WATER HEATERS model \_\_\_\_\_ having a storage capacity of \_\_\_\_\_ gallons, operate on Natural with a BTU input of \_\_\_\_\_ and a recovery rate of \_\_\_\_\_ gallons per hour at 90°F temperature rise. Water heater tank interior shall be glass lined with Dura-Glas™, furnished with anode rod and insulation shall be non-CFC foam. Water heater shall be CSA certified.

