

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

Residential Gas Water Heaters

*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 0.66 UEF**
- **UP TO 86 GALLONS FIRST HOUR RATING (FHR)**
- **HFO FOAM INSULATED** – Up to 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.
- **AHRI ENERGY CERTIFIED** – Energy Efficiency tested in accordance with D.O.E. test procedures, meets or exceeds the requirements of ANSI, ASHRAE, and National Appliance Energy Conservation Act.
- **HIGH-ALTITUDE CERTIFIED** – up to 10,100ft.

## 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.
- **CHOICE OF 6- OR 12-YEAR LIMITED TANK WARRANTY** – Standard 6-year warranty for tank and component parts. Upgraded 12-year limited tank warranty includes 12 years on the tank and 6 years on component parts. 12-year upgrade models will include a second anode rod for increased protection.

30, 40 & 50 Gallon Capacities  
Tall & Low Boy Configurations  
Up to 40k BTU Input  
Natural & LP Gas



Globally Recognized. Industry Respected.

225 Dyer St., Providence, RI 02903  
Toll Free: (800) 323-9651

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### SPECIFICATIONS AND APPLICATION DATA

www.americanstandardwaterheaters.com

#### DIMENSIONS IN INCHES

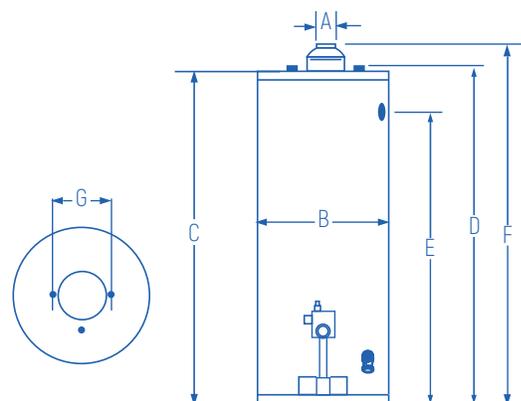
| MODEL NUMBER   | NOMINAL CAPACITY (GAL.) | DOE RATED CAPACITY (GAL.) | FIRST HOUR RATING (GAL.) | BTU INPUT NAT & LP GAS | GPH/LPH RECOVERY @ 90° RISE | UNIFORM ENERGY FACTOR (UEF) | VENT DIAM (IN)<br>A | JACKET DIAM (IN)<br>B | FLOOR TO                |                                    |                    |                       | WATER CONNECTIONS DISTANCE (IN)<br>G | APPROX SHIP WEIGHT (LBS) |
|----------------|-------------------------|---------------------------|--------------------------|------------------------|-----------------------------|-----------------------------|---------------------|-----------------------|-------------------------|------------------------------------|--------------------|-----------------------|--------------------------------------|--------------------------|
|                |                         |                           |                          |                        |                             |                             |                     |                       | 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 |                                      |                          |
| <b>TALL</b>    |                         |                           |                          |                        |                             |                             |                     |                       |                         |                                    |                    |                       |                                      |                          |
| GSN30T1-3-6    | 30                      | 29                        | 72                       | 35,000                 | 33                          | 0.60                        | 3                   | 16 1/2                | 59                      | 60 1/2                             | 53                 | 62 1/4                | 8                                    | 131                      |
| GSN40T1-3-6    | 40                      | 38                        | 74                       | 40,000                 | 38                          | 0.60                        | 3                   | 18 1/2                | 59 1/4                  | 60 3/4                             | 53                 | 62 1/2                | 8                                    | 142                      |
| GSN50T1-3-6    | 50                      | 47                        | 86                       | 40,000                 | 38                          | 0.65                        | 3                   | 20 1/2                | 57 3/4                  | 59 1/4                             | 51 1/4             | 61                    | 8                                    | 154                      |
| GSN30T2-3-6    | 30                      | 29                        | 69                       | 35,000                 | 33                          | 0.60                        | 3                   | 18 1/2                | 59                      | 60 1/2                             | 53                 | 62 1/4                | 8                                    | 137                      |
| GSN40T2-3-6    | 40                      | 38                        | 70                       | 40,000                 | 38                          | 0.59                        | 3                   | 20 1/2                | 59 1/4                  | 60 3/4                             | 53                 | 62 1/2                | 8                                    | 151                      |
| GSN50T2-3-6    | 50                      | 47                        | 82                       | 40,000                 | 38                          | 0.63                        | 3                   | 22 1/2                | 57 3/4                  | 59 1/4                             | 51 1/4             | 61                    | 8                                    | 161                      |
| <b>LOW BOY</b> |                         |                           |                          |                        |                             |                             |                     |                       |                         |                                    |                    |                       |                                      |                          |
| GSN40L2-3-6    | 40                      | 38                        | 64                       | 37,000                 | 35                          | 0.60                        | 3                   | 22 1/2                | 49                      | 50 1/2                             | 42 1/2             | 52 1/2                | 8                                    | 135                      |
| GSN50L2-3-6    | 50                      | 48                        | 78                       | 40,000                 | 38                          | 0.65                        | 3                   | 24 1/2                | 49 3/4                  | 51 1/4                             | 42 3/4             | 53                    | 8                                    | 177                      |

Recovery capacity based on actual performance tests

### STANDARD ROUND BURNER



- For 12-year models, change the model number suffix from "6" to "12". Example: GSN-40L2-3-12.
- All models comply with NAECA requirements.
- 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 or L.P. Gas 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.



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