

## GSN Low NOx

Available in 30, 40 & 50 Gallon capacities in Short & Tall configurations - Natural or LP Gas

### Features

- **COMPLIES WITH NAECA REQUIREMENTS** – effective April 16, 2015, and Federal Energy Conservation Standards, in accordance with the Energy Policy and Conversation Act, (EPCA), as amended.
- **VAPORSHIELD TECHNOLOGY** – Shuts off gas and air supply to heater to prevent prolonged vapor burn in combustion chamber should accidental or unattended ignition of flammable vapors occur outside the water heater.
- **SPARK IGNITER** – Affords push button pilot lighting in lieu of matches.
- **MAINTENANCE FREE** – No periodic cleaning of combustion air inlet necessary under normal conditions.
- **SELF-CLEANING** – Turbulence inducing cold water inlet-tube engineered to diminish hard water area sediment deposits.
- **NON-CFC FOAM INSULATED** – Saves energy and reduces fuel costs by maximizing heat retention.
- **HEAVY GAUGE STEEL TANK** – For extra years of trouble-free service.
- **GLASS-LINED TANK** – Inner tank glass-lined with Dura-Glas™ and fired at 1600° F for optimum protection from the effects of corrosion.
- **ALUMINUM ANODE ROD** – To protect tank life.
- **FACTORY INSTALLED DIELECTRIC HOT & COLD WATER CONNECTIONS** – ¾" NPT water connections to extend tank life and for easier installations.
- **BRASS DRAIN VALVE** – ( Full Port Ball)- Designed to allow easy draining and avoid clogging.
- **FACTORY INSTALLED HEAT TRAPS** – Reduces standby heat loss in water piping.
- **TEMPERATURE & PRESSURE RELIEF VALVE** – Factory provided T & P Valve can be relocated from side to optional top opening.
- **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.
- **DESIGN CERTIFIED BY CSA INTERNATIONAL** – To meet or exceed ANSI requirements. Tested in accordance with D.O.E. procedures and meets or exceeds the energy efficiency requirements of ASHRAE and all state energy efficiency standards.
- **CHOICE OF 6 OR 12 YEAR LIMITED TANK WARRANTY** – Includes 6 or 12 Year Limited Warranty on Component Parts.

<sup>1</sup> Nominal Capacity

*American Standard*®

WATER HEATERS

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



## SPECIFICATIONS AND APPLICATION DATA

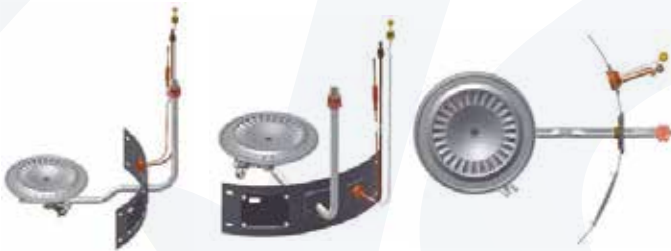
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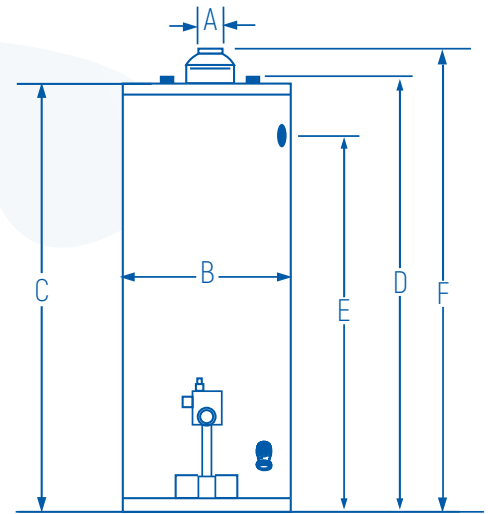
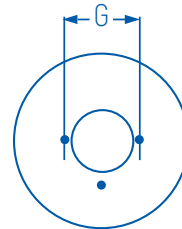
MODEL NUMBER	NOMINAL VOLUME (GALLONS)	RATED VOLUME (DOE)	FIRST HOUR RATING GALLONS	BTU INPUT NAT & LP GAS	GPH RECOVER AT 90° RISE	UNIFORM ENERGY FACTOR	R FACTOR	VENT DIAM	JACKET DIAM	DIMENSIONS IN INCHES (HEIGHT TO)						WTR SPREAD	APPROX. SHIP WGT (LBS)
										A	B	C	D	E	F		
<b>TALL</b>																	
GSN30T1-3-6	30	29	72	35,000	33	0.60	8	3	16 5/16	58 7/8	60 3/8	53	62 1/8	8	140		
GSN40T1-3-6	40	38	74	40,000	38	0.61	8	3	18 5/16	59 1/8	60 5/8	52 7/8	62 3/8	8	156		
GSN50T1-3-6	50	48	86	40,000	38	0.65	8	3	20 5/16	57 3/4	59 1/4	51 1/8	61	8	185		
GSN30T2-3-6	30	29	69	35,000	33	0.61	16	3	18 5/16	58 7/8	60 3/8	53	62 1/8	8	153		
GSN40T2-3-6	40	38	70	40,000	38	0.59	16	3	20 5/16	59 1/8	60 5/8	52 7/8	62 3/8	8	178		
GSN50T2-3-6	50	48	86	40,000	38	0.66	16	3	22 3/8	57 3/4	59 1/4	51 1/8	61	8	194		
<b>LOW BOY</b>																	
GSN40L2-3-6	40	38	64	37,000	35	0.60	16	3	22 3/8	49	50 1/2	42 3/8	52 5/16	8	172		
GSN50L2-3-6	50	48	78	40,000	38	0.65	16	3	24 3/8	49 5/8	51 1/8	42 3/4	52 7/8	8	223		

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.
- Recovery capacity based on actual performance tests.
- 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 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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