

# American Standard®

WATER HEATERS

Residential Line

## 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 Conservation 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.
- **STANDARD THERMOCOUPLE** — Design provides for use of either factory supplied thermocouple or standard replacement thermocouple.
- **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** — 3/4" NPT water connections to extend tank life and for easier installations.
- **BRASS DRAIN VALVE** — Durable to prevent unintentional breakage.
- **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.



*Residential*



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(800) 900-9063 \* (909) 392-0230 \* FAX (909) 392-7302

[www.americanstandardwaterheaters.com](http://www.americanstandardwaterheaters.com) G-GSN-R.4.16

# SPECIFICATIONS AND APPLICATION DATA

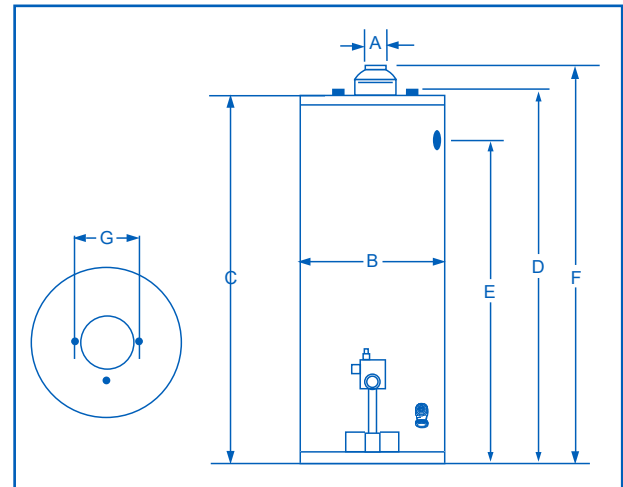
MODEL NUMBER	GALLONS	FIRST HOUR RATING GALLONS	BTU INPUT NAT & LP GAS	GPH RECOVERY AT 90° RISE	ENERGY FACTOR	R FACTOR	VENT DIAM	JACKET DIAM	DIMENSIONS IN INCHES				WTR SPREAD	APROX. SHIP WGT (LBS)
									HEIGHT TO					
									TOP OF HEATER	TOP OF WATER	SIDE T & P	TOP OF VENT		
A	B	C	D	E	F	G								
<b>TALL</b>														
GSN30T1-3-6	30	69	35,000	33	0.63	8	3	16 5/16	58 7/8	60 3/8	53	62 1/8	8	140
GSN40T1-3-6	40	69	40,000	38	0.62	8	3	18 5/16	59 1/8	60 5/8	52 7/8	62 3/8	8	156
GSN50T1-3-6	50	84	40,000	38	0.60	8	3	20 5/16	57 3/4	59 1/4	51 1/8	61	8	185
GSN30T2-3-6	30	70	35,000	33	0.64	16	3	18 5/16	58 7/8	60 3/8	53	62 1/8	8	153
GSN40T2-3-6	40	72	40,000	38	0.64	16	3	20 5/16	59 1/8	60 5/8	52 7/8	62 3/8	8	178
GSN50T2-3-6	50	93	40,000	38	0.62	16	3	22 3/8	57 3/4	59 1/4	51 1/8	61	8	192
GSN50T2-4-6	50	90	45,000	42	0.60	16	4	22 3/8	57 3/4	59 1/4	51 1/8	61 7/8	8	192
<b>LOW BOY</b>														
GSN30L2-3-6	30	67	35,000	33	0.63	16	3	20 5/16	47 1/4	48 3/4	41	50 9/16	8	139
GSN40L2-3-6	40	71	37,000	35	0.62	16	3	22 3/8	49	50 1/2	42 3/8	52 5/16	8	172
GSN50L2-3-6	50	82	40,000	38	0.60	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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