

American Standard®

WATER HEATERS

Residential Gas Water Heaters

Standard Residential Gas Models GSN Specification Sheet

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



— FEATURES —

- All models comply with NAECA requirements
- **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.
- **PIEZO 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 and tested in accordance with D.O.E. test procedures and meets or exceeds the energy efficiency requirements NAECA, ASHRAE and all state energy efficiency standards.
- **CHOICE OF SIX OR TWELVE YEAR LIMITED TANK WARRANTIES** — Includes 6 or 12 Year Limited Warranty on Component Parts.

"Quality You Can Respect"

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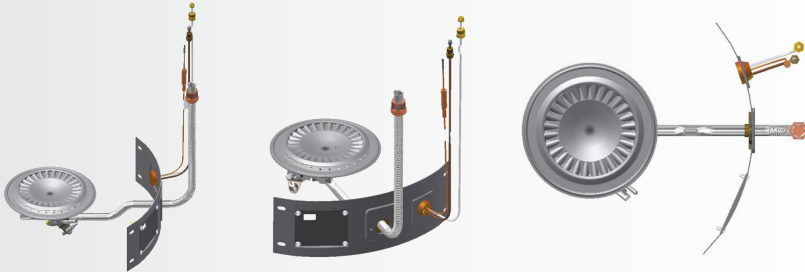
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SPECIFICATIONS AND APPLICATION DATA

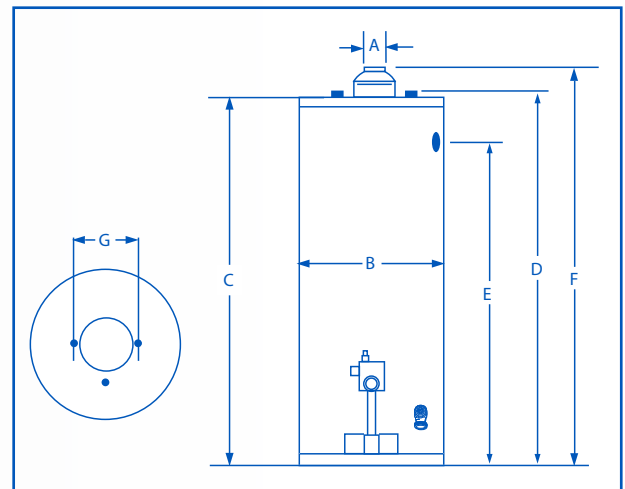
MODEL NUMBER	TALL	FIRST HOUR RATING GALLONS	BTU INPUT NAT & LP GAS	GPH RECOVERY AT 90° RISE	ENERGY FACTOR	R FACTOR	VENT DIAM	JACKET DIAM	DIMENSIONS IN INCHES				WTR SPREAD	APROX. SHIP WGT (LBS)
									TOP OF HEATER	TOP OF WATER	SIDE T & P	TOP OF VENT		
							A	B	C	D	E	F	G	
GSN30T1-3-6	30	69	35,000	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
LOW BOY														
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 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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