

American Standard®

ULTRA-LOW NOx Residential Gas Water Heaters

Available in 30, 40 and 50 Gallon Tall – 30, 40, and 50 Gallon Short Models



FEATURES

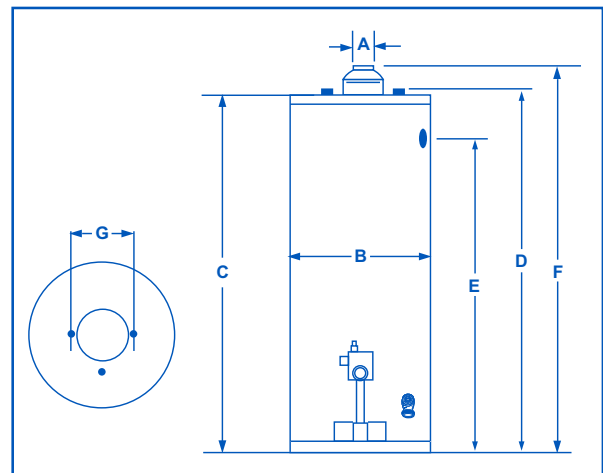
- **ULTRA-LOW NOx BURNER** – Complies with Southern California SCAQMD 2008 Rule 1121 and Northern California BAAQMD 2009 10ng/J NOx emissions requirements.
- **VAPORSHIELD TECHNOLOGY** – Shuts off gas and air supply to heater to prevent prolonged vapor burn in combustion chamber should accidental or 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.
- **HIGH EFFICIENCY MODELS** – meet energy-efficiency .62 EF (Energy Factor) requirements of many gas utility rebate programs, comply with CEC Title 24 and are Energy Star certified.
- **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.
- **MAGNESIUM ANODE ROD** – To protect tank life.
- **FACTORY INSTALLED DIELECTRIC HOT AND 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 AND 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 of 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.

SPECIFICATIONS AND APPLICATION DATA

MODEL NUMBER	GALLON CAPACITY	FIRST HOUR RATING GALLONS	BTU INPUT NAT GAS	GPH REC AT 90° RISE	ENERGY FACTOR	VENT R FACTOR	JACKET DIAM A	JACKET DIAM B	DIMENSIONS IN INCHES					WATER SPREAD G	APROX SHIP WGT (LBS)
									HEIGHT TO						
									TOP OF HEATER C	TOP WATER D	SIDE T & P E	TOP OF VENT F			
G-30T-1-3-6	30	56	35,000	38	.61	8	3	16 1/4	58 3/8	59 1/2	53	61 1/4	8	160	
G-30T-2-3-6	30	56	35,000	38	.61	16	3	18 1/4	58 3/8	59 1/2	53	61 1/4	8	170	
G-40T-1-3-6	40	77	40,000	43	.60	8	3	18 1/4	58 1/2	59 3/4	52 3/4	61 1/2	8	178	
G-50T-1-3-6	50	86	40,000	43	.58	8	3	20 1/4	57 1/8	58 3/8	51	60 1/8	8	195	
G-50T-1-4-6	50	90	48,000	52	.58	8	4	20 1/4	57 1/8	58 3/8	51	60 1/8	8	197	
G-50T-2-4-6	50	90	48,000	52	.58	16	4	22 1/4	57 1/8	58 3/8	51	60 1/8	8	210	
HIGH EFFICIENCY															
G-40T-2-3-6	40	77	40,000	43	.62	16	3	20 1/4	58 1/2	59 3/4	52 3/4	61 1/2	8	186	
G-50T-2-3-6	50	86	40,000	43	.62	16	3	22 1/4	57 1/8	58 3/8	51	60 1/8	8	208	
SHORT LOWBOY															
G-30L-1-3-6	30	55	35,000	38	.61	8	3	18 1/4	46 3/4	48 1/2	41	49 3/4	8	168	
G-40L-1-3-6	40	72	37,000	40	.60	8	3	20 1/4	48 1/2	50 1/4	42 3/8	51 1/2	8	189	
G-40L-2-3-6	40	72	37,000	40	.62	16	3	22 1/4	48 1/2	50 1/4	42 3/8	51 1/2	8	200	
G-50L-1-3-6	50	73	40,000	43	.59	8	3	22 1/4	49 1/2	51	42 3/4	52 1/4	8	215	

Recovery capacity based on actual performance tests.

- For 12 year models, change the model number suffix from "6" to "12". Example: G-40T-1-3-12
- All models meet SCAQMD 2008 Rule 1121 and Northern California BAAQMD 2009 10ng/J NOx emissions requirements.
- All models comply with NAECA requirements and are CEC listed.
- 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.



For floor to optional Top T & P Outlet see dimension "C"

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.



"Living Up to A Higher Standard"

American Standard® Water Heaters

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