

# American Standard®

WATER HEATERS

Residential Line

## Residential Gas Water Heaters

Available in 30, 40, 50, 75 and 100 Gallon Tall –  
30, 40, and 50 Gallon Short Models – Natural or LP Gas



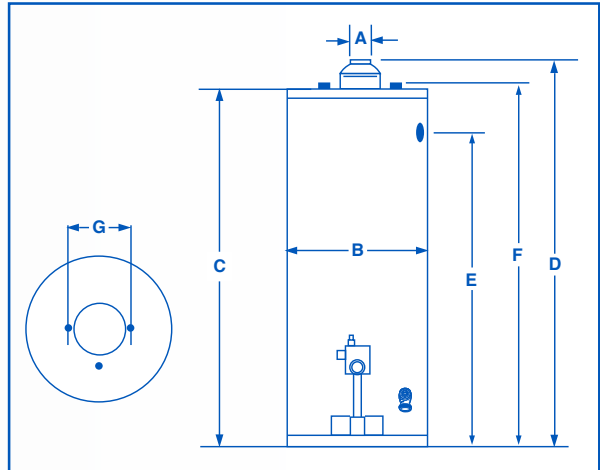
### — FEATURES —

- **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 (Except 75-76-AS R-6 and 100-83-AS R-6).
- **Piezo Igniter** – affords push button pilot lighting in lieu of matches (Except 75-76-AS R-6 & 100-83-AS R-6).
- **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 & 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.
- **Heavy Gauge Steel Tank** – for extra years of trouble-free service.
- **Glass Lined Tank** – inner tank glass-lined with Dura-Glas™ & fired at 1600° F for optimum protection from the effects of corrosion.
- **Magnesium 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 (1 1/2" NPT on 75-76-AS R-6 and 100-83-AS R-6).
- **Brass Drain Valve** – durable to prevent unintentional breakage.
- **Factory Installed Heat Traps** – reduces standby heat loss in water piping (Except 75-76-AS R-6 & 100-83-AS R-6).
- **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 & 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	FIRST HOUR GAL RATING		GPH RECOVERY						DIMENSIONS IN INCHES						APROX WATER SPREAD G		SHIP WGT (LBS)			
									HEIGHT TO TOP OF HEATER		HEIGHT TO TOP WATER T & P		HEIGHT TO TOP OF VENT						WATER SPREAD G	SHIP WGT (LBS)
									C	D	E	F	A	B						
G-R-30T-1-3-6	30	56	35,000	35,000	38	38	.61	8	3	16 1/4	58 3/8	59 1/2	53	61 1/4	8	129				
G-R-30T-2-3-6	30	56	35,000	35,000	38	38	.61	16	3	18 1/4	58 3/8	59 1/2	53	61 1/4	8	135				
G-R-40T-1-3-6	40	77	40,000	40,000	43	43	.60	8	3	18 1/4	58 1/2	59 3/4	52 3/4	61 1/2	8	147				
G-R-50T-1-3-6	50	86	40,000	40,000	43	43	.58	8	3	20 1/4	57 1/8	58 3/8	51	60 1/8	8	163				
G-R-50T-1-4-6	50	90	48,000	48,000	52	52	.58	8	4	20 1/4	57 1/8	58 3/8	51	60 1/8	8	164				
G-R-50T-2-4-6	50	90	48,000	48,000	52	52	.58	16	4	22 1/4	57 1/8	58 3/8	51	60 1/8	8	174				
75-76-AS R-6	75	N/A	76,000	76,000	82	82	N/A	16	4	26 1/4	63 1/2	68 1/2	56 1/2	67 3/8	16	294				
100-83-AS R-6	100	N/A	83,000	83,000	89	89	N/A	16	4	28	68 1/8	73 1/8	59 1/2	72	16	430				
<b>HIGH EFFICIENCY</b>																				
G-R-40T-2-3-6	40	77	40,000	40,000	43	43	.62	16	3	20 1/4	58 1/2	59 3/4	52 3/4	61 1/2	8	153				
G-R-50T-2-3-6	50	86	40,000	40,000	43	43	.62	16	3	22 1/4	57 1/8	58 3/8	51	60 1/8	8	173				
<b>SHORT LOWBOY</b>																				
G-R-30L-1-3-6	30	55	35,000	35,000	38	38	.61	8	3	18 1/4	46 3/4	48 1/2	41	49 3/4	8	127				
G-R-40L-1-3-6	40	72	37,000	37,000	40	40	.60	8	3	20 1/4	48 1/2	50 1/4	42 3/8	51 1/2	8	154				
G-R-40L-2-3-6	40	72	37,000	37,000	40	40	.62	16	3	22 1/4	48 1/2	50 1/4	42 3/8	51 1/2	8	164				
G-R-50L-1-3-6	50	73	40,000	40,000	43	43	.59	8	3	22 1/4	49 1/2	51	42 3/4	52 1/4	8	200				
Models 75-76-AS R-6 and 100-83-AS R-6 have an 80% recovery efficiency. Recovery capacity based on actual performance tests.																				

- For LP Gas (Propane) models add suffix "LP" to model number. Example: G-R-40T-1-3-6-LP
- For 12 year models, change the model number suffix from "6" to "12". Example: G-R-40T-1-3-12
- 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.
- All models are design certified by CSA International to ANSI standard Z-21.10.1 and/or 10.3 and peak performance rated.
- Dimensions & 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"  
(Models 75-76-AS R-6 and 100-83-AS R-6 Side T & P Outlet only)

## 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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**2808 Metropolitan Place • Pomona • CA 91767  
1 (800) 900-9063 • (909) 392-0230 • Fax (909) 392-7302**