

American Standard®

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

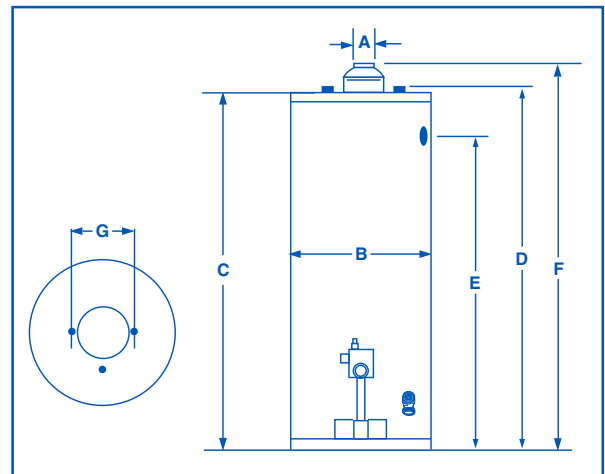
- **VAPORSHIELD TECHNOLOGY** – Shuts off gas and air supply to heater to prevent prolonged vapor burn in combustion chamber should accidental or unattended ignition of flammable vapors occur outside the water heater (except 75-76-AS R-6 and 100-83- AS R-6).
- **PIEZO IGNITER** – Affords push button pilot lighting in lieu of matches (except 75-76-AS R-6 and 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 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 (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 and 100-83-AS R-6).
- **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	FIRST HOUR RATING	BTU INPUT	GPH RECOVERY AT 90° RISE	ENERGY FACTOR	R	VENT DIAM A	JACKET DIAM B	DIMENSIONS IN INCHES						WATER SPREAD G	APROX SHIP WGT (LBS)			
								CAPGALLONS		NAT LP		TOP OF HEATER C				HEIGHT TO TOP OF WATER T & P VENT F		SIDE T & P VENT E
								NAT	LP	NAT	LP	TOP OF HEATER C	TOP OF WATER T & P VENT F			TOP OF WATER T & P VENT E	TOP OF WATER T & P VENT F	
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	160		
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	170		
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	178		
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	195		
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	197		
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	210		
75-76-AS R-6	75	N/A	76,000	76,000	82	82	N/A	16	4	26 1/4	64 1/2	66 3/4	56 1/2	66 3/4	16	294		
100-83-AS R-6	100	N/A	83,000	83,000	89	89	N/A	16	4	28	68 1/8	71 5/8	59 1/2	70 3/4	16	430		
HIGH EFFICIENCY																		
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	186		
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	208		
SHORT LOWBOY																		
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	168		
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	189		
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	200		
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	215		

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) model 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 natural gas models meet state of Texas and California Counties of Ventura and Santa Barbara Low NOx 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.
- All models are design certified by CSA International to ANSI standard Z-21.10.1 and/or 10.3 and peak performance rated.
- 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"
(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 _____ 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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