

HEAVY DUTY LOW NO_x ATMOSPHERIC

Residential Gas Water Heaters

American Standard[®]
WATER HEATERS

www.americanstandardwaterheaters.com

Features

- **TRADITIONAL MECHANICAL GAS VALVE** – Simple and maintenance free operation.
- **SPARK IGNITER** – Easy push button pilot lighting in lieu of matches.
- **ADJUSTABLE TO 160°F** when installed with a mixing valve.
- **COMBUSTION CHAMBER DOOR** allows easy servicing of the burner and pilot components.
- **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.
- **TURBULENCE – INDUCING DIP TUBE** engineered to reduce sediment build-up inside the tank.
- **FULL FLOW BRASS DRAIN VALVE** factory provided & installed, allows easy and quick drainage.
- **TEMPERATURE AND PRESSURE RELIEF VALVE** factory provided & can be relocated from side to optional top of the heater.
- **HEAVY DUTY LEGS** ensure sturdy and stable installation.

Performance

- **UP TO 0.60 UEF**
- **UP TO 135 GALLONS FIRST HOUR RATING (FHR)**
- **HFO FOAM INSULATED** – 2 inch-thick, environmentally-friendly insulation foam saves energy, reduces fuel cost by maximizing heat retention, and contributes to overall energy efficiency.
- **ETL LISTED WITH INTERTEK** in accordance with ANSI Z21.10.3 as an automatic storage and/or automatic circulating tank heater. ASHRAE Standard 90.1 1999 addendum 90.1b. ETL Listed to meet NSF/ANSI 5 Standards.
- **AHRI ENERGY CERTIFIED** – Energy Efficiency tested in accordance with D.O.E. test procedures, meets or exceeds the requirements of ANSI, ASHRAE, and National Appliance Energy Conservation Act.

Quality

- **HEAVY GAUGE STEEL TANK** for extra years of trouble-free service.
- **GLASS-LINED TANK** with DuraGlas™ and fired at 1600°F for optimum protection from the effects of corrosion.
- **MAGNESIUM ANODE ROD** to prolong tank life.
- **CHOICE OF 6- OR 12-YEAR LIMITED TANK WARRANTY** – Standard 6-year warranty for tank and component parts. Upgraded 12-year limited tank warranty includes 12 years on the tank and 6 years on component parts. 12-year upgrade models will include a second anode rod for increased protection.

75 & 100 Gallon Capacities
76k & 80k BTU Input
Natural & LP Gas



Intertek

SPECIFICATIONS AND APPLICATION DATA

DIMENSIONS IN INCHES

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MODEL NUMBER	NOMINAL CAPACITY	DOE RATED CAPACITY	FIRST HOUR RATING	BTU INPUT NAT & LP GAS	GPH RECOVERY @ 100° RISE	UNIFORM ENERGY FACTOR (UEF)	VENT DIAM (IN)	JACKET DIAM (IN)	TOP OF VENT (IN)	TOP OF HEATER (IN)	TOP OF WATER CONNECTIONS (IN)	SIDE T&P (IN)	GAS VALVE CONNECTION (IN)		
	(GAL)	(GAL)	(GAL)					A	B	C	D	E	F		
G-75T2 AS	75	73	135	76,000	74	0.60	4	26 ½	69 ¼	62 ½	66 ¼	55	17	16	397
G-100T2 AS	100	95	124	83,000	78	0.57	4	28 ½	74	67	71	59 ½	17	16	531

RECOVERY IN GALLONS PER HOUR AT VARIOUS TEMPERATURE RISES

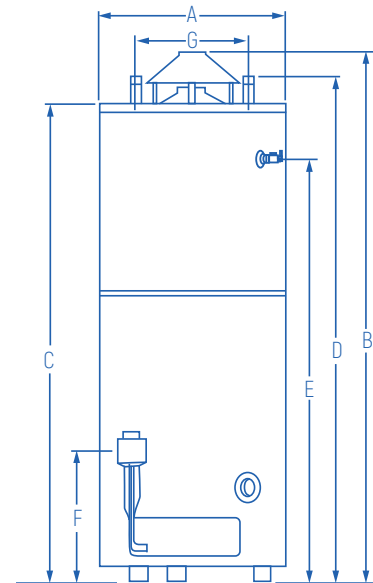
MODEL NUMBER	GAS TYPE	BTU INPUT	40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°
G-75T2 AS	NAT or L.P.	76,000	185	148	123	105	92	82	74	67	62	57	53
G-100T2 AS	NAT or L.P.	80,000	198	158	131	112	98	86	78	70	64	59	55

MAX HOT WATER DELIVERABILITY AT VARIOUS TIME PERIODS

MODEL NUMBER	STORAGE CAPACITY	ONE HOUR RECOVERY 100° RISE	1ST HOUR	2ND HOUR	3RD HOUR	GPM REC 100° RISE
G-75T2 AS	75	74	127	201	275	1.20
G-100T2 AS	100	78	148	229	310	1.40

MAX HOT WATER DELIVERABILITY AT VARIOUS CONNECTION SIZES

MODEL NUMBER	STORAGE CAPACITY	IN/OUT PORTS	T&P	GAS CONNECTION
G-75T2 AS	75	1	¾	½
G-100T2 AS	100	1 ¼	¾	½



- For 12-year models, change the model number suffix from "6" to "12". Example: G-75T2-4-12.
- 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 WATER HEATERS 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.