

# HEAVY DUTY ULTRA-LOW NO<sub>x</sub> ATMOSPHERIC

Residential Gas Water Heaters

*American Standard*<sup>®</sup>

WATER HEATERS

[www.americanstandardwaterheaters.com](http://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 SIZE HAND-HOLE CLEANOUT** for convenient tank inspection and removal of sediment deposits.
- **FULL FLOW BRASS DRAIN VALVE** 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 125 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.
- **6-YEAR LIMITED WARRANTY** – 6-year limited warranty on tank and component parts.

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



Globally Recognized. Industry Respected.



Intertek

### SPECIFICATIONS AND APPLICATION DATA

www.americanstandardwaterheaters.com

#### DIMENSIONS IN INCHES

MODEL NUMBER	NOMINAL CAPACITY [GAL]	DOE RATED CAPACITY [GAL]	FIRST HOUR RATING [GAL]	BTU INPUT NAT GAS	GPH RECOVERY AT 100° RISE	UNIFORM ENERGY FACTOR	VENT DIAM	JACKET DIAM A	FLOOR TO					WATER CONNECTIONS DISTANCE G	APPROX. SHIP WEIGHT [LBS]
									TOP OF VENT B	TOP OF HEATER C	TOP OF WATER D	SIDE T&P E	GAS VALVE CONNECTION F		
PLR 75-76 AS-6	75	70	93	76,000	74	0.60	4	26 ¾	68 ½	61 ¾	65 ¼	54	16	16	400
PLR 100-76 AS-6	100	93	125	76,000	74	0.58	4	28 ½	73 ¼	66 ½	70 ¼	58 ½	16 ¼	16	516

#### RECOVERY IN GALLONS PER HOUR AT VARIOUS TEMPERATURE RISES

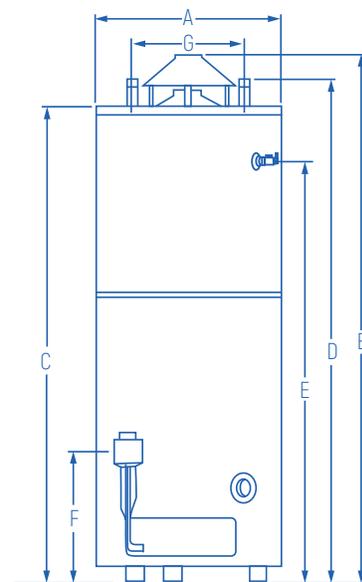
MODEL NUMBER	GAS TYPE	BTU INPUT	40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°
PLR 75-76 AS-6	NAT	76,000	185	148	123	105	92	82	74	67	62	57	53
PLR 100-76 AS-6	NAT	76,000	185	148	123	105	92	82	74	67	62	57	53

#### 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
PLR 75-76 AS-6	75	74	127	201	275	1.2
PLR 100-76 AS-6	100	74	144	218	292	1.2

#### MAX HOT WATER DELIVERABILITY AT VARIOUS CONNECTION SIZES

MODEL NUMBER	STORAGE CAPACITY	IN/OUT PORTS	T&P	GAS CONNECTION
PLR 75-76 AS-6	75	1	¾	½
PLR 100-76 AS-6	100	1	¾	½



- 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 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.