

## Ultra Low Nox Commercial Grade Residential Gas Water Heater Atmospheric Vent

Model Available in 75 & 100 Gallon Capacities  
76,000 BTU in Natural and LP Gas

The American Standard Residential Gas Models are designed to fill the hot water requirements of large residences, three to five bedroom homes – (75-76), with larger shower sprays, or large soaking tub – use (100-76)

### Features

- **HEAVY GAUGE STEEL TANK** – For extra years of trouble-free service.
- **INNER TANK GLASS-LINED** – With Dura-Glas™ and fired at 1600° F for optimum protection from the effects of corrosion.
- **R-16 NON-CFC FOAM INSULATED** – To save energy and reduce fuel costs by maximizing heat retention.
- **MAGNESIUM ANODE ROD** – To extend tank life.
- **SELF-CLEANING TURBULENCE INDUCING COLD WATER INLET-TUBE** – Engineered to diminish hard water area sediment deposits.
- **FULL SIZE HAND-HOLE CLEANOUT** – For convenient tank inspection and removal of sediment deposits.
- **FURNISHED WITH HEAVY GAUGE STEEL LEGS** – Designed to maximize durability & provide stability during installation.
- **AUTOMATIC GAS THERMOSTAT ADJUSTABLE TO 160° F** – When installed with a mixing valve, can deliver 160° F and 140° F general purpose hot water simultaneously.
- **COMBUSTION CHAMBER DOOR** – Including hinged knob outside access & sliding inner door to isolate burner & pilot area for additional safety.
- **FACTORY INSTALLED ENERGY CUT-OFF SYSTEM AND TEMPERATURE & PRESSURE RELIEF VALVE.**
- **SMALL VENT SIZE & TOP MOUNT WATER CONNECTIONS** – Allow for universal replacement of other brands (PLR 75-76 AS = 1" & PLR 100-76 AS = 1 1/4").
- **AMERICAN STANDARD GAS WATER HEATERS** – Are certified at 300 PSI test pressure & for 150 PSI working pressure.
- **ALL TANKS ARE HYDROSTATICALLY TESTED AT THE FACTORY.**
- **TESTED & LISTED WITH ETL INTERTEK** – In accordance with ANSI, Z.21.10.3, up to 180° F operation as an automatic storage and/or automatic circulating tank heater. ASHRAE Standard 90.1 1999 addendum 90.1b. ETL Certified to meet NSF/ANSI 5 Standards.
- **SIX YEAR LIMITED TANK WARRANTY** – On inner glass lined tank and one year limited warranty on all other components.

*American Standard*®

WATER HEATERS

[www.americanstandardwaterheaters.com](http://www.americanstandardwaterheaters.com)



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## SPECIFICATIONS AND APPLICATION DATA

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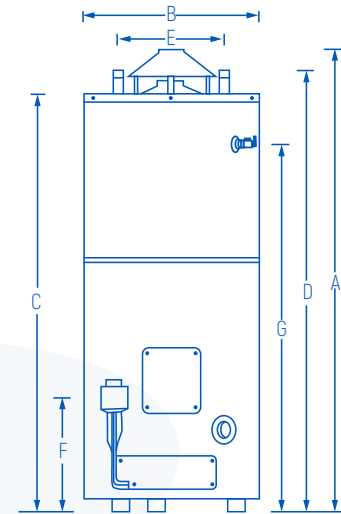
Dimensions shown in inches

MODEL	EXTERIOR DIMENSIONS			VENT	WATER PIPE SIZE	WATER I.P.S. CONNECTIONS		GAS I.P.S. CONN.		HEIGHT TO TOP WATER SPREAD	HEIGHT	SIZE	HEIGHT TO T & P OPENING	T & P OPENING	APPROX SHIP WGT (LBS)
	A	B	C			HEIGHT TO TOP CONNECT	TOP WATER SPREAD	HEIGHT	SIZE						
	D	E	F			G									
PLR 75-76 AS-6 PLR 75-76 AS-12	68 1/2	26 3/4	61 3/4	4	1 NPT	65 1/8	16	16	3/4 NPT	54	3/4 NPT	400			
PLR 100-76 AS-6 PLR 100-76 AS-12	73 1/4	28 1/2	66 1/2		1 NPT	70 1/8	16 1/4	58 1/2				516			

### MAXIMUM HOT WATER DELIVERABILITY AT VARIOUS TIME PERIODS

MODEL	STORAGE CAPACITY U.S. GALLONS	ONE HOUR RECOVERY 100° RISE	1ST HOUR	2 HOURS	3 HOURS	GPM REC. 100° RISE
PLR 75-76 AS-6 PLR 75-76 AS-12	75		127	201	275	
PLR 100-76 AS-6 PLR 100-76 AS-12	100	74	144	218	292	12

Note: Recovery rate indicated on heater rating plate is based on 75% (76%) thermal efficiency according to ANSI, Z.21.10.3. Manufacturer reserves the right to make product changes or improvements without notice.



### SPECIFICATIONS

MODEL	TANK GALLONS CAPACITY	BTU INPUT NAT GAS	REC GPH 100° RISE	UEF	FHR
PLR 75-76 AS-6 PLR 75-76 AS-12	75	76,000	74	0.60	135
PLR 100-76 AS-6 PLR 100-76 AS-12	100			0.57	125

\*For Propane (LP) Gas Model Add suffix "LP"; For SCAQMD Low NOx Model Add prefix "N"

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

MODEL	BTU INPUT	TEMPERATURE RISE										
		40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°
PLR 75-76 AS-6 PLR 75-76 AS-12 PLR 100-76 AS-6 PLR 100-76 AS-12	76,000	185	148	123	105	92	82	74	67	62	57	53

Note: Recovery rate indicated on heater rating plate is based on 75% (76%) thermal efficiency according to ANSI, Z.21.10.3. Manufacturer reserves the right to make product changes and/or improvements with or without notice.

### SAMPLE SPECIFICATION

Commercial gas 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 100°F temperature rise. Water heater tank interior shall be glass lined with Dura-Glas™, furnished with four anode rods and insulation shall be non-CFC foam of R-16. Water heater shall be ETL listed.

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