

LIGHT DUTY ULTRA LOW NOx

Commercial Gas Water Heaters

American Standard[®]
WATER HEATERS

www.americanstandardwaterheaters.com

Features

- **ULTRA-LOW NOx BURNER** exceeding the California SCAQMD & BAAQMD requirements.
- **ELECTRONIC DIRECT SPARK IGNITION** eliminates the requirement of a standing pilot.
- **AUTOMATIC GAS THERMOSTAT ADJUSTABLE TO 180°F** when installed with a mixing valve, can deliver 180°F and 140°F general purpose hot water simultaneously.
- **COMBUSTION CHAMBER DOOR** including hinged knob outside access & sliding inner door to isolate burner and pilot area for added safety.
- **FULL SIZE HAND-HOLE CLEANOUT** for convenient tank inspection and removal of sediment deposits.
- **SMALL VENT SIZE & TOP MOUNT WATER CONNECTIONS** allow for universal replacement of other brands.
- **FURNISHED WITH HEAVY GAUGE STEEL LEGS** designed to maximize durability & provide stability during installation.
- **SELF-CLEANING TURBULENCE INDUCING DIP TUBE** engineered to reduce sediment build-up inside the tank.
- **FULL FLOW BRASS DRAIN VALVE** allows easy and quick drainage.
- **FACTORY INSTALLED ENERGY CUT-OFF SYSTEM**
- **TEMPERATURE AND PRESSURE RELIEF VALVE** factory provided & installed.

Performance

- **UP TO .60 UEF**
- **UP TO 125 GALLONS FIRST HOUR RATING**
- **HFO FOAM INSULATED** – 2 inch-thick, environmentally-friendly insulation foam.
- **TESTED & LISTED WITH ETL INTERTEK** – In accordance with ANSI Z.21.10.3 up to 180°F operation as an automatic storage water heater. CSA 4.3, ETL Certified to meet NSF/ANSI 5 Standards.

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.
- **DUAL MAGNESIUM ANODE RODS** to prolong tank life.
- **PRESSURE TESTED AT THE FACTORY** – All tanks are hydrostatically tested and certified at 300 PSI test pressure and 150 PSI working pressure.
- **4-YEAR LIMITED TANK WARRANTY** and 1-year limited parts warranty.

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



Intertek



Intertek



Globally Recognized. Industry Respected.

SPECIFICATIONS AND APPLICATION DATA

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DIMENSIONS IN INCHES

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

*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

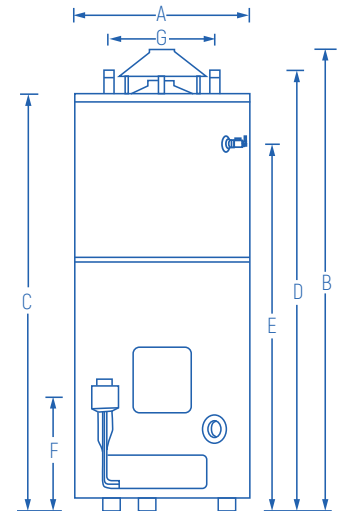
MODEL NUMBER	GAS TYPE	BTU INPUT	40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°
PLC 75-76	NAT or L.P.	76,000	185	148	123	105	92	82	74	67	62	57	53
PLC 100-76	NAT or L.P.	76,000	185	148	123	105	92	82	74	67	62	57	53

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
PLC 75-76	75	74	127	201	275	1.20
PLC 100-76	100	74	144	218	292	1.20

CONNECTION SIZES

MODEL NUMBER	STORAGE CAPACITY	IN/OUT PORTS	T&P	GAS CONNECTION
PLC 75-76	75	1	¾	½
PLC 100-76	100	1 ¼	¾	½



SAMPLE SPECIFICATION

Commercial Gas Water Heaters shall be AMERICAN STANDARD WATER HEATERS 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.

