

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** factory provided & installed, 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 Gas



Intertek



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Globally Recognized. Industry Respected.

SPECIFICATIONS AND APPLICATION DATA

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DIMENSIONS IN INCHES

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MODEL NUMBER	NOMINAL CAPACITY (GAL.)	BTU INPUT NAT GAS	UNIFORM ENERGY FACTOR (UEF)	FIRST HOUR RATING (GAL)	GPH RECOVERY @ 100° RISE	VENT DIAM (IN)	JACKET DIAM (IN) A	TOP OF VENT (IN) B	TOP OF HEATER (IN) C	TOP OF WATER CONNECTIONS (IN) D	SIDE T & P (IN) E	GAS VALVE CONNECTION (IN) 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

RECOVERY IN GALLONS PER HOUR AT VARIOUS TEMPERATURE RISES

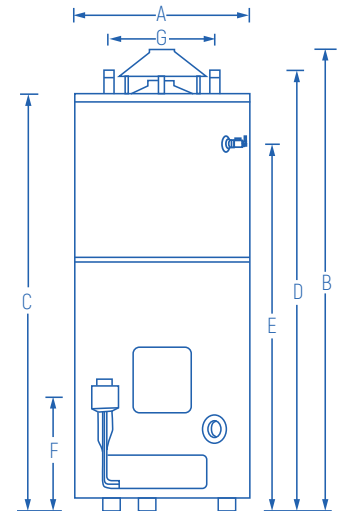
MODEL NUMBER	GAS TYPE	BTU INPUT	40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°
PLC 75-76	NAT	76,000	185	148	123	105	92	82	74	67	62	57	53
PLC 100-76	NAT	76,000	185	148	123	105	92	82	74	67	62	57	53

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
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.



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