

LIGHT DUTY LOW NOx

Commercial Gas Water Heaters

American Standard[®]

WATER HEATERS

www.americanstandardwaterheaters.com

Features

- **AUTOMATIC GAS THERMOSTAT ADJUSTABLE TO 180°F** when installed with a mixing valve, can deliver 180°F sanitizing 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 FOUR 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.
- **FACTORY INSTALLED ENERGY CUT-OFF SYSTEM**
- **FULL FLOW BRASS DRAIN VALVE** factory provided & installed, allows easy and quick drainage.
- **TEMPERATURE AND PRESSURE RELIEF VALVE** factory provided & installed.

Performance

- **UP TO 0.60 UEF**
- **UP TO 135 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 160°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 & 80k BTU Input
Natural & LP Gas



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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 [IN]	JACKET DIAM [IN] A	FLOOR TO							APPROX SHIP WEIGHT [LBS]
								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	WATER CONNECTIONS DISTANCE [IN] G		
D-75-76 AS	75	76,000	0.60	135	74	4	26 ½	69 ¼	62 ½	66 ¼	55	17	16	400	
D-100-83 AS	100	83,000	0.57	124	78	4	28 ½	74	67	71	59 ½	17	16	530	

RECOVERY IN GALLONS PER HOUR AT VARIOUS TEMPERATURE RISES

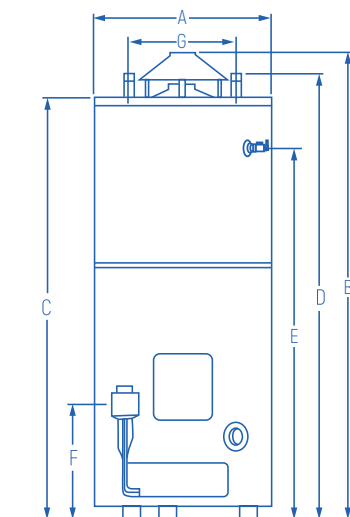
MODEL NUMBER	GAS TYPE	BTU INPUT	40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°
D-75-76 AS	NAT or L.P.	76,000	185	148	123	105	92	82	74	67	62	57	53
D-100-83 AS	NAT or L.P.	80,000	198	158	131	112	98	86	78	70	64	59	55

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
D-75-76 AS	75	74	127	201	275	1.20
D-100-83 AS	100	78	148	229	310	1.40

CONNECTION SIZES

MODEL NUMBER	STORAGE CAPACITY	IN/OUT PORTS	T&P	GAS CONNECTION
D-75-76 AS	75	1	¾	½
D-100-83 AS	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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