

LOW BOY SIDE CONNECT

Residential Electric Water Heaters

American Standard[®]

WATER HEATERS

www.americanstandardwaterheaters.com

Features

- **FULLY AUTOMATIC SURFACE MOUNTED THERMOSTATS** for controlling the temperature, combined with a manual energy cut-off to prevent overheating.
- **DUAL HEATING ELEMENTS** – Screw in, INCOLOY, low wattage density to ensure more efficient operation and longer element life.
- **TURBULENCE-INDUCING DIP TUBE** engineered to reduce sediment built up inside the tank.
- **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.

Performance

- **UP TO 0.95 UEF**
- **UP TO 55 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.
- **AHRI CERTIFIED AND LISTED**
- **MEETS OR EXCEEDS EFFICIENCY REQUIREMENTS OF THE DEPARTMENT OF ENERGY** – All models comply with and meet or exceed ASHRAE Standard 90.1 b.

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.

30, 40, & 50 Gallon Capacities
208 or 240 V Single Phase
Up to 6,000 Watts Power



Globally Recognized. Industry Respected.

SPECIFICATIONS AND APPLICATION DATA

MODEL NUMBER	NOMINAL CAPACITY (GAL)	DOE RATED CAPACITY (GAL)	FIRST HOUR RATING (GAL)	STANDARD WATTAGE	MAXIMUM WATTAGE	GPH RECOVERY @ 90° RISE	UNIFORM ENERGY FACTOR	JACKET DIAM A	DIMENSIONS IN INCHES (FLOOR TO)					WATER CONNECTIONS DISTANCE F	RECOMMENDED DRAIN PAN DIAMETER (INCHES)	APPROX SHIP WGT (LBS)
									TOP OF HEATER B	INLET WATER CONN C	OUTLET CONN D	SIDE T&P E				
SHORT LOW BOY (SIDE CONNECTED)																
ENS30L-6	30	27	44	4,500	6,000	21	0.93	22 ¼	32 ½	5 ½	25 ¼	25 ¼	19 ¾	24	105	
ENS40L-6	38	36	46	4,500	6,000	21	0.92	24 ¼	34 ½	5 ¼	26 ¾	26 ¾	21 ¼	26	135	
ENS50L-6	46	41	55	4,500	6,000	21	0.95	26 ¼	34 ¼	7	26	26	19	28	146	

Recovery calculations used are based on 4500-watt elements used in non-simultaneous operation; Replacing 4,500 Watt heating elements, with 6,000 Watt non-simultaneous elements will increase the recovery rating from 21 GPH to 27 GPH @ 90° Rise

For alternate inputs and recovery data, please contact your local sales rep or customer service at (800) 900-9063

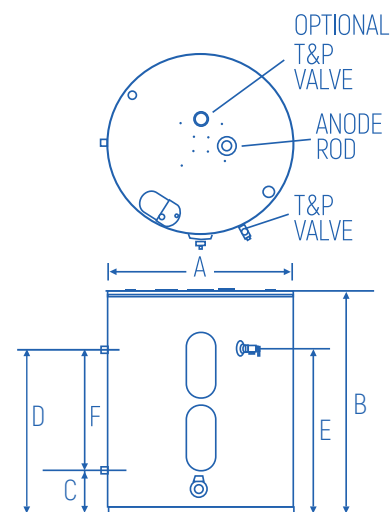
Water heaters are manufactured to voltage and wattage specifications. When less than design voltage is supplied to the unit, the element will still heat, but at less than the design value.

POWER DERATING VALUES	
Voltage	
240	208
Power	Derated Power
3,000	2,253
4,500	3,380
5,000	3,756
6,000	4,507

- All models comply with NAECA requirements are UL and CEC listed and meet or exceed ASHRAE 90.1 b.
- Heaters are wired for non-simultaneous operation, single phase 240 Volts with dual 4500 Watt elements, unless otherwise specified.
- 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, a rated input of _____ KW at _____ Volts, single phase 60 Cycle AC 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 tested and listed to Underwriters Laboratories standard UL 174.



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