

TOP CONNECT

Residential Electric Water Heaters | Canada

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.
- **FACTORY INSTALLED HEAT TRAPS** reduce standby heat loss caused by heat mitigation to water pipes.
- **TEMPERATURE AND PRESSURE RELIEF VALVE** factory provided & can be relocated from side to optional top of the heater.

Performance

- **UP TO 0.93 UEF**
- **UP TO 64 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.
- **CERTIFIED BY UNDERWRITERS LABORATORIES** – UL listed to 174.

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.
- **CHOICE OF 6- OR 12-YEAR LIMITED TANK WARRANTY** – Standard 6-year warranty for tank and component parts. Upgraded 12-year limited tank warranty includes 12 years on the tank and 6 years on component parts. 12-year upgrade models will include a second anode rod for increased protection.

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



SPECIFICATIONS AND APPLICATION DATA

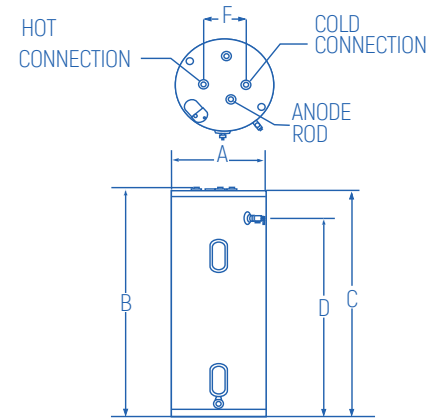
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MODEL NUMBER	NOMINAL CAPACITY (GAL/LITER)	RATED VOLUME (DOE) (GAL/LITER)	FIRST HOUR RATING (GAL/LITER)	STANDARD (WATTS)	MAXIMUM (WATTS)	GPH/LPH REC @ 90° RISE	UNIFORM ENERGY FACTOR	DIMENSIONS IN INCHES (FLOOR TO)						RECOMMENDED DRAIN PAN DIAMETER (INCHES)
								JACKET DIAM	WATER CONN	TOP OF HEATER	SIDE T&P	WATER SPREAD	APROX SHIP WGT	
								A	B	C	D	F	(LBS/KG)	
ENS40L-6CN	40 / 151	38 / 144	47 / 178	4,500	6,000	21 / 79	0.92	24 ¼	5 ¼	34 ½	27	21 ¼	135 / 61	26
ENS40LU6CN	40 / 151	38 / 144	47 / 178	4,500	6,000	21 / 79	0.93	24 ¼	36 ½	34 ½	27	8	135 / 61	26
ENS50T-6CN	50 / 189	45 / 170	64 / 242	4,500	6,000	21 / 79	0.92	22 ¼	50 ¾	48 ¾	41 ¾	8	129 / 59	24

Recovery calculations used are based on 4500-watt elements used in non-simultaneous operation; Replacing 4500 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

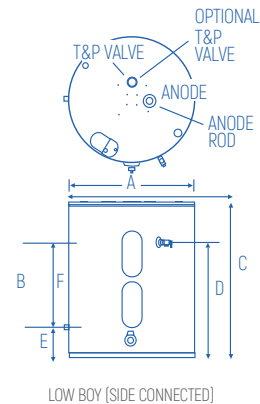
- For 12-year models, change the model number suffix from "6" to "12". Example: ENS50T-12CN.
- All models are UL and CEC listed and meet or exceed ASHRAE 90.1 b.
- Heaters are wired for non-simultaneous operation, single phase 240 Volts with dual 4500 Watt elements, unless otherwise specified.
- All 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.
- American Standard Water Heaters recommends using a drain pan with a diameter that is a minimum of 1 3/4 inches wider than the water heater and at least 2 inches tall.



For floor to optional Top T & P Outlet see dimension "C"

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.



LOW BOY (SIDE CONNECTED)

