

EN-30, 40, 50, 28, 38 & 46 Residential Electric

Available in EN-30, 40, 50, 28, 38 & 46 Gallon capacities¹ in Short & Tall configurations

Features

- **COMPLIES WITH NAECA REQUIREMENTS** – Effective April 16, 2015, and Federal Energy Conservation Standards, in accordance with the Energy Policy and Conservation Act, [EPCA], as amended.
- **SURFACE MOUNT THERMOSTATS** – Fully automatic for temperature control. Factory installed manual reset energy cut-off prevents overheating.
- **DOUBLE HEATING ELEMENTS** – Dual screw-in heating elements transfer heat directly to water to conserve energy.
- **SELF-CLEANING** – Turbulence inducing cold water inlet-tube engineered to diminish hard water area sediment deposits.
- **INCOLOY ELEMENTS** – Are low watt density and installed into every model to operate more efficiently and last longer.
- **NON-CFC FOAM INSULATED** – Saves energy and reduces fuel costs by maximizing heat retention.
- **HEAVY GAUGES STEEL TANK** – For extra years of trouble-free service.
- **GLASS-LINED TANK** – Inner tank glass-lined with Dura-Glas™ and fired at 1600° for optimum protection from the effects of corrosion.
- **MAGNESIUM ANODE ROD** – To protect tank life.
- **FACTORY INSTALLED DIELECTRIC HOT AND COLD WATER CONNECTIONS** – ¾" NPT water connections to extend tank life and for easier installations.
- **BRASS DRAIN VALVE (Full Port Ball)** – Designed to allow easy draining and avoid clogging.²
- **FACTORY INSTALLED HEAT TRAPS** – Reduces standby heat loss in water piping.
- **TEMPERATURE AND PRESSURE RELIEF VALVE** – Factory provided T & P Valve can be relocated from side to optional top opening.
- **CERTIFIED BY UNDER WRITERS LABORATORIES** – UL Listed to 174, meets or exceeds efficiency requirements of the Department of Energy, all models comply with and meets or exceeds ASHRAE Standard 90.1 b, National Appliance Energy Conservation Act, ANSI requirements, and tested in accordance with D.O.E. test procedures. and all state energy efficiency standards.
- **CHOICE OF SIX OR TWELVE YEARS LIMITED TANK WARRANTY** – Includes 6 or 12 Years Limited Warranty on Component Parts.

¹ Nominal Capacity

² Models EN28L, EN38L & EN46LB with plastic valve.

American Standard[®]
WATER HEATERS

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SPECIFICATIONS AND APPLICATION DATA

MODEL NUMBER	NOMINAL GALLONS	RATED VOLUME (DOE)	FIRST HOUR RATING	STANDARD	MAXIMUM	GPH REC @ 90° RISE	UNIFORM ENERGY FACTOR	R FACTOR	JACKET DIAM	DIMENSIONS IN INCHES (FLOOR TO)						
										WATER CONN B	TOP OF HEATER C	SIDE T & P D	WATER CONN INLET E	WATER SPREAD F	APPROX SHIP WGT (LBS)	
TALL (TOP CONNECTED)																
EN30T-6	30	27	43	4,500	6,000	21	0.92	24	20 1/4	51	49 3/8	42	N/A	8	108	
EN40T-6	40	36	52	4,500	6,000	21	0.93	24	22 1/4	52	50 1/2	42 3/5	N/A	8	119	
EN40H-6	40	36	54	4,500	6,000	21	0.93	24	20 1/4	64 1/2	63	55 1/2	N/A	8	130	
EN50T-6	50	45	54	4,500	6,000	21	0.92	24	24 1/4	51 5/8	50 1/8	42	N/A	8	149	
EN50H-6	50	46	59	4,500	6,000	21	0.94	24	22 1/4	62 5/8	61 1/8	53 1/3	N/A	8	150	
SHORT LOW BOY (SIDE CONNECTED)																
EN28L-6*	29	27	37	4,500	6,000	21	0.92	24	24 1/4	25 1/4	33 1/2	25 3/8	5 1/2	19 3/4	125	
EN38L-6*	38	36	42	4,500	6,000	21	0.91	24	26 1/4	26 1/2	35 5/8	27	5 1/4	21 1/4	162	
EN46LB-6*	46	42	42	4,500	6,000	21	0.91	24	28 1/4**	26	35 1/2	26 1/3	7	19	174	

B = blanket included

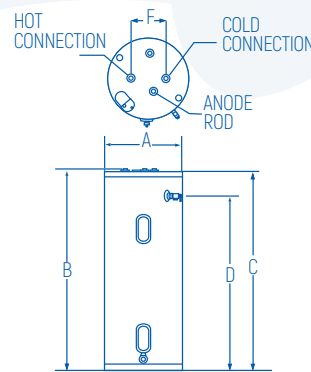
Replacing 4,500 Watt heating elements, with 6,000 Watt non-simultaneous elements will increase the recovery rating from 21 GPH to 27 GPH @ 90° Rise

NOTE: For single element add suffix SE to model number. EXAMPLE: EN30T-6 SE.

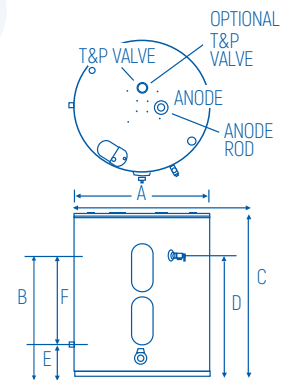
- For 12 year models, change the model number suffix from "6" to "12". Example: EN30T-12 (38L and 48LB models are only available on 6 years warranty version).
- All models comply with NAECA requirements are UL and CEC listed and meet or exceed ASHRAE 90.1 b.
- Heaters are wired for non-simultaneous operation, single phase 240 Volts with dual 4500 Watt elements, unless otherwise specified.
- Recovery capacity based on actual performance tests.
- 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.

* Models EN28L, EN38L & EN46LB with plastic drain valve.

** Dimensions prior to installing insulation blanket, included with the water heater. 2 inches fiberglass blanket included.



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



LOW BOY (SIDE CONNECTED)

Water heater shall be AMERICAN STANDARD 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.

