

Conservationist®



SELF-CLEANING

ELECTRONIC USER INTERFACE

- Touchscreen display.
- Multiple operating modes help save money.
 - Energy saver and vacation modes available.
- Diagnostic feedback.
- Dry fire protection.
- Grid management capable.
 - CEA-2045 Bridge module compatible.

ENHANCED HEATING ELEMENTS

- Dual 5500 watt elements for the fastest recovery and reliable operation.
- Incoloy stainless steel elements last longer than standard copper elements.

HIGH ENERGY FACTORS

- Eco-friendly non-CFC foam insulation, heat traps and other features combine to yield a higher Energy Factor that maximizes savings on operating costs.

DYNACLEAN™ DIFFUSER DIP TUBE

- Helps reduce lime and sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

COREGARD™ ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.

BLUE DIAMOND® GLASS COATING

- Provides superior corrosion resistance compared to industry standard glass lining.

ENHANCED FLOW BRASS DRAIN VALVE

- Our residential water heaters have a solid brass, tamper resistant, enhanced flow, ball type, drain valve.
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance.
- Designed for easy operation, this valve includes an integral screwdriver slot that features a ¼ turn (open/close) radius, which not only permits full straight-through water flow but also a quick and positive shut off.

CODE COMPLIANCE

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

APPROVED FOR MANUFACTURED HOUSING

- All residential electric water heaters are compliant with HUD standards for mobile homes/ manufactured housing.

CERTIFIED TO UL 174 FOR HOUSEHOLD ELECTRIC WATER HEATERS

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

DESIGN-LISTED BY CSA INTERNATIONAL

- Certified at 300 PSI test pressure and 150 PSI working pressure.
- Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage tank-type water heaters.

10-YEAR LIMITED TANK AND PARTS WARRANTY

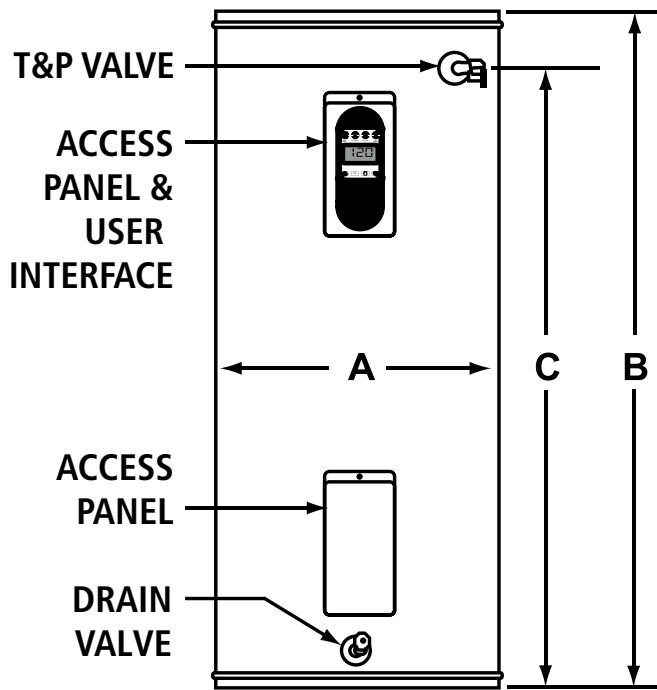
- For complete information, consult written warranty or A. O. Smith.



Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	Element Wattage 240V		Recovery @ 90°F Rise Gallon Per Hour	Dimensions in Inches			Approx. Shipping Weight (lbs)
				Standard	Maximum		A	B	C	
PXNT-40	40	55	0.95	5500	6000	25	20	60-1/4	53-1/4	118
PXNT-50	50	69	0.95	5500	6000	25	22	60-1/2	51-1/4	134
PXNT-55	55	78	0.94	5500	6000	25	24	56-1/2	48-1/2	145
PXNS-40	40	54	0.95	5500	6000	25	22	50	40-3/4	109
PXNS-50	50	62	0.95	5500	6000	25	24	49-3/4	40-1/4	161

3/4" water connections on 8" center.
Top-mounted T&P valve not available.

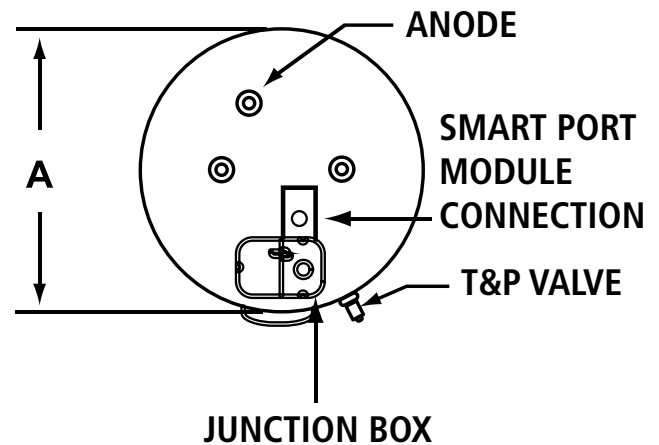
Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



USER INTERFACE



SMARTPORT MODULE



ProMax®



ENHANCED HEATING ELEMENTS

- Dual 4500 watt elements for fast recovery and reliable operation.
- Incoloy stainless steel lower element lasts longer than a standard copper element.

DYNACLEAN™ DIFFUSER DIP TUBE

- Helps reduce lime and sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

HIGH ENERGY FACTORS

- Eco-friendly non-CFC foam insulation, heat traps and other features combine to yield a higher Energy Factor that maximizes savings on operating costs.

COREGARD™ ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.

BLUE DIAMOND® GLASS COATING

- Provides superior corrosion resistance compared to industry standard glass lining.

ENHANCED FLOW BRASS DRAIN VALVE

- Our residential water heaters have a solid brass, tamper resistant, enhanced flow, ball type, drain valve.
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance.
- Designed for easy operation, this valve includes an integral screwdriver slot that features a ¼ turn (open/close) radius, which not only permits full straight-through water flow but also a quick and positive shut off.

CODE COMPLIANCE

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
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APPROVED FOR MANUFACTURED HOUSING

- All residential electric water heaters are compliant with HUD Standards for mobile homes/ manufactured housing.

CERTIFIED TO UL 174 FOR HOUSEHOLD ELECTRIC WATER HEATERS

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- Listed according to ANSI Z21.10.1-CSA 4.1 standards governing storage tank-type water heaters.

6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information, consult written warranty or A. O. Smith.



Low Lead Content



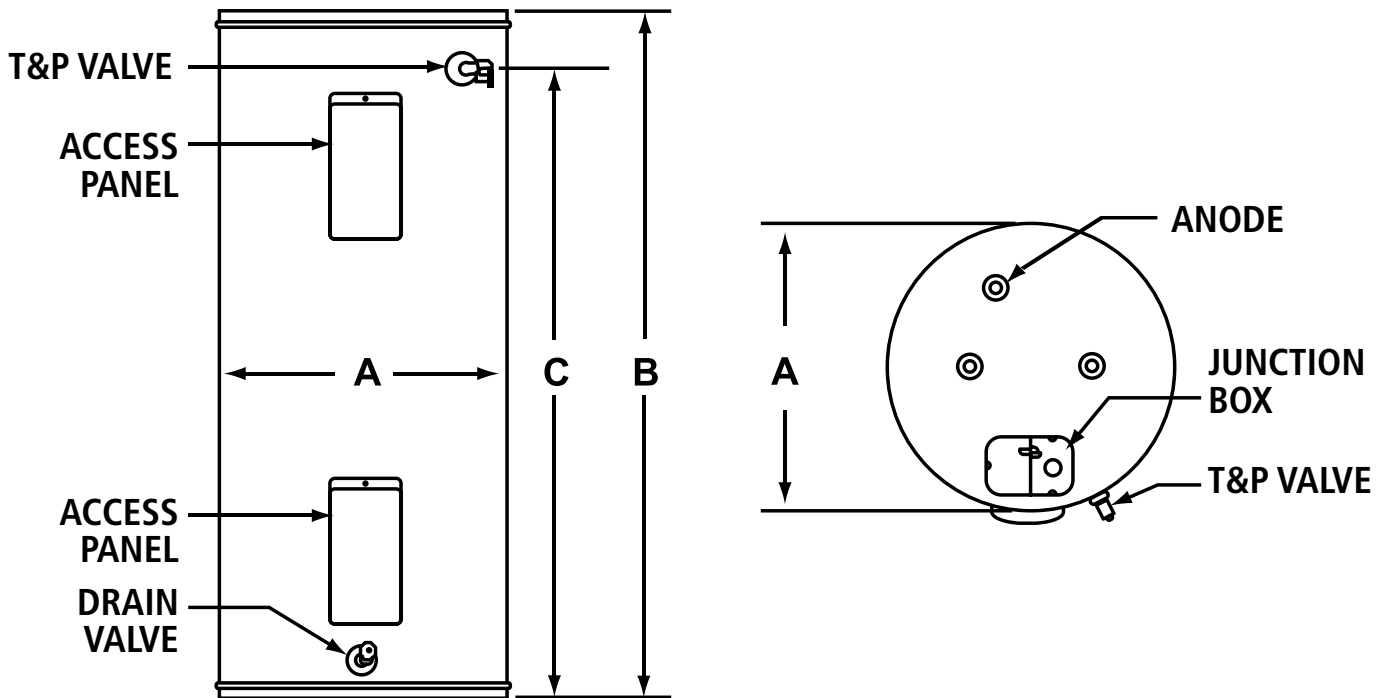
Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	Recovery @ 90°F Rise Gallon Per Hour	Element Wattage 240V		Dimensions in Inches			Approx. Shipping Weight (lbs)
					Standard	Maximum	A	B	C	
ENT-30†	30	43	0.95	20.7	4500	6000	19	46-1/2	39-1/2	95
ENT-40†	40	51	0.95	20.7	4500	6000	20	60-1/4	53-1/4	118
ENTB-50*	50	69	0.95	20.7	4500	6000	21	60-1/4	51-1/4	131
ENT-50†	50	69	0.95	20.7	4500	6000	22	60-1/2	51-1/4	134
ENT-55†	55	76	0.94	20.7	4500	6000	24	56-1/2	48-1/2	145
ENSB-30*	30	43	0.95	20.7	4500	6000	20	39	30-1/2	95
ENS-30†	30	43	0.95	20.7	4500	6000	22	39-3/4	30-1/2	94
ENS-40†	40	54	0.95	20.7	4500	6000	22	50	40-3/4	109
ENS-50†	50	62	0.95	20.7	4500	6000	24	49-3/4	40-3/8	161
ENL-30	28	41	0.95	20.7	4500	6000	24	31-1/4	21-3/4	115
ENLB-30*	28	40	0.95	20.7	4500	6000	22	30	21-3/4	96
ENLB-40*	38	46	0.95	20.7	4500	6000	24	31-3/4	24	118

3/4" water connections on 8" center.

*Models ship with supplied insulation blanket.

†For 10-year tank and 6-year parts warranty, change "E" to "P" in the model number (example: ENT-30 becomes PNT-30).

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



ProMax®



SPECIALITY ELECTRIC

TABLE TOP

- Features a convenient flat porcelain surface at 36" height, providing extra "counter space" wherever installed. All plumbing and electrical connections are made through the back of the water heater. This heater is equipped with a PEX cross-linked polymer dip tube.

POINT-OF-USE

- Designed for low-demand, such as office lavatories or buildings with remote restrooms.

COMPACT

- Side-mounted plumbing and electrical connections (optional top-mounted water connections for field conversion). Designed for installation under a counter, in a crawl space or in other tight spaces.

BLUE DIAMOND® GLASS COATING

- Provides superior corrosion resistance compared to industry standard glass lining.

ENHANCED FLOW BRASS DRAIN VALVE

- Our standard residential water heaters have a solid brass, tamper resistant, enhanced flow, ball type, drain valve.
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance.
- Designed for easy operation, this valve includes an integral screwdriver slot that features a 1/4 turn (open/close) radius, which not only permits full straight-through water flow but also a quick and positive shut off.

CODE COMPLIANCE

- Meets UBC, CEC and HUD National Codes.
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1.
- Complies with the Federal Energy Conservation Standards effective April 16, 2015, in accordance with the Energy Policy and Conservation Act (EPCA), as amended.

APPROVED FOR MANUFACTURED HOUSING

- All residential electric water heaters are compliant with HUD standards for mobile homes/ manufactured housing.

CERTIFIED TO UL 174 FOR HOUSEHOLD ELECTRIC WATER HEATERS

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

DESIGN-LISTED BY CSA INTERNATIONAL

- Certified at 300 PSI test pressure and 150 PSI working pressure.
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6-YEAR LIMITED TANK AND PARTS WARRANTY

- For complete information consult the written warranty or A. O. Smith.



Low Lead Content



Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	Element Wattage		Recovery @ 90°F Rise Gallons Per Hour	Dimensions in Inches			Approx. Shipping Weight (lbs)
				Standard	Maximum		A	B	C	
COMPACT MODELS				120V	240V					
EJC-6	6	N/A	N/A	1650	3000	8	15-1/4	10-3/4	14-1/4	35
EJC-10	10	N/A	N/A	1650	6000	8	18-1/4	12-1/4	16	41
EJCS-20	19	N/A	N/A	2500	6000	11	24-3/4	18-5/8	18	68
EJCT-20	19.9	N/A	N/A	2500	6000	11	31-5/8	25-3/4	16	68
LOWBOY SIDE-CONNECT MODEL				240V						
ENJ-30	28	40	0.95	4500	6000	20.7	31-1/4	21-3/4	24	115
ENJB-30*	28	40	0.95	4500	6000	20.7	30	21-3/4	22	101
ENJ-40	38	46	0.95	4500	6000	20.7	33-1/2	24	26	118
ENJB-40*	38	46	0.95	4500	6000	20.7	31-3/4	24	24	118
TABLE TOP MODEL				240V						
ESTT-40	38	45	0.88	4500	5500	20.7	36	24	25	150
POINT-OF-USE MODELS				120V						
EJC-2	2.5	N/A	N/A	1500 @ 120V		7	13-3/4	11	13-3/4	20

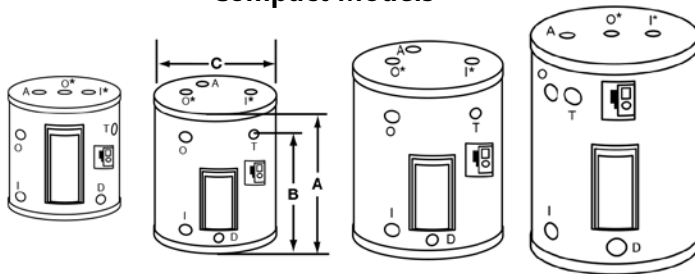
*Models ship with a supplied insulation blanket.

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† Top mounted T&P adds approximately 3" additional to overall height.

Water connection is 3/4" on Table Top and Compact models and 1/2" NPT on Point-Of-Use Models

Compact Models



EJC-6

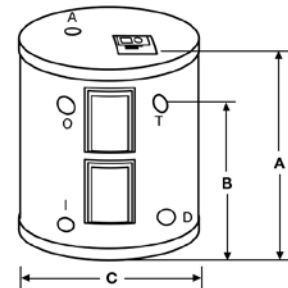
EJC-10

EJCS-20

EJCT-20

I	INLET	D	DRAIN	I*	PLUGGED INLET
O	OUTLET	T	T&P	O*	PLUGGED OUTLET

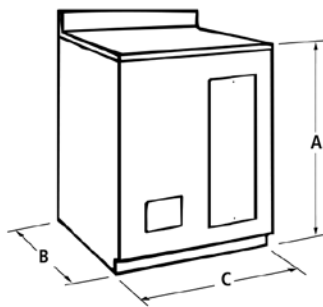
Lowboy



ENJ-30, ENJB-30

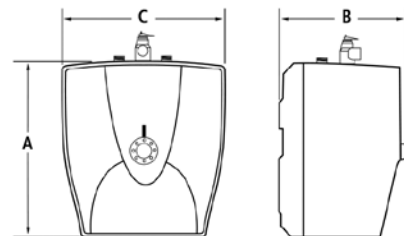
ENJ-40, ENJB-40

Table Top Model



ESTT-40

Point-Of-Use



EJC-2

ProMax®



MOBILE HOME

APPROVED FOR MANUFACTURED HOUSING

- All residential electric water heaters are compliant with HUD standards for mobile homes/ manufactured housing.

SIDE WATER CONNECTIONS

- For ease of installation in mobile home applications.

COREGARD™ ANODE ROD

- Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.

LONG-LASTING HEATING ELEMENTS

- Screw-in, direct immersion, 3500W/240V or 3000W/120V heating elements for maximum efficiency.

BLUE DIAMOND® GLASS COATING

- Provides superior corrosion resistance compared to industry standard glass lining.

ENHANCED FLOW BRASS DRAIN VALVE

- Our residential water heaters have a solid brass, tamper resistant, enhanced flow, ball type, drain valve.
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance.
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6-YEAR LIMITED TANK AND PARTS WARRANTY

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Low Lead Content



Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	Recovery @ 90°F Rise Gallon Per Hour	Voltage	Wattage		Dimensions in Inches					Approx. Shipping Weight (lbs)
						Upper Element	Lower Element	A	B	C	D	E	
MHE6-30L-030D	28	40	0.95	14	120	3000	3000	22	30	21-3/4	4-1/2	22	96
MHE6-30H-030D	30	42	0.95	14	120	3000	3000	19	46-3/4	39-1/2	3-7/8	39-5/8	98
MHE6-40R-030D	40	52	0.95	14	120	3000	3000	22	50	40-3/4	4-3/8	41	109
MHE6-30L-035D	28	40	0.95	16	240	3500	3500	22	30	21-3/4	4-1/2	22	96
MHE6-30H-035D	30	42	0.95	16	240	3500	3500	19	46-3/4	39-1/2	3-7/8	39-5/8	98
MHE6-40R-035D	40	52	0.95	16	240	3500	3500	22	50	40-3/4	4-3/8	41	109

All models are wired for non-simultaneous element operation.

¾" water connections.

Available with side T&P only.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

