

### 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.



Low Lead Content

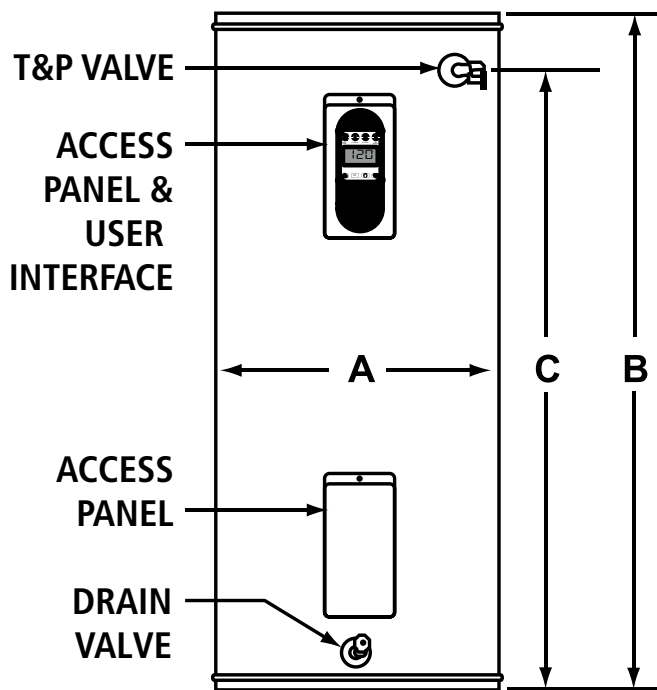


Model Number	Gallon Capacity	First Hour Rating Gallon	Energy Factor	Element Wattage 240V		Recovery @ 90°F Rise Gallon Per Hour	Dimensions in Inches			Approx. Shipping Weight (lbs)
				Standard	Maximum		A	B	C	
PXNT-40	40	55	0.95	5500	6000	25	20	60-1/4	53-1/4	118
PXNT-50	50	69	0.95	5500	6000	25	22	60-1/2	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

